

# A. Base and Future Land Use Assumptions

<b>2010</b>					
County	Area	Population	Households	Employment	Enrollment
Adams	1,183	451,143	164,704	174,179	110,160
Arapahoe	807	556,375	227,635	287,344	141,355
Boulder	740	292,014	121,630	161,813	80,984
Broomfield	33	51,673	19,359	32,599	14,246
Clear Creek	397	10,036	4,456	3,056	1,076
Denver	155	584,659	265,531	445,062	191,419
Douglas	843	283,291	101,604	93,042	59,962
Gilpin	151	5,320	2,368	5,057	362
Jefferson	773	539,853	222,099	222,381	111,335
Park	580	56,818	19,170	10,242	10,636
Weld	589	32,715	11,823	9,040	3,288
<b>Total</b>	<b>6,251</b>	<b>2,863,897</b>	<b>1,160,379</b>	<b>1,443,815</b>	<b>724,823</b>
<b>2035</b>					
county	Area	Population	Households	Employment	Enrollment
Adams	1,183	723,290	276,367	281,630	152,509
Arapahoe	807	778,692	332,203	375,115	181,474
Boulder	740	361,262	152,827	169,160	102,496
Broomfield	33	87,665	34,062	67,675	21,000
Clear Creek	397	12,880	5,838	3,787	2,330
Denver	155	746,452	353,009	603,018	226,594
Douglas	843	481,681	178,871	173,940	84,199
Gilpin	151	7,091	3,223	5,613	829
Jefferson	773	680,690	290,084	290,590	126,275
Park	580	118,826	40,644	18,717	2,977
Weld	589	82,855	30,796	18,737	9,371
<b>Total</b>	<b>6,251</b>	<b>4,081,384</b>	<b>1,697,924</b>	<b>2,007,982</b>	<b>910,054</b>

<b>Change (2035 - 2010)</b>				
County	Population	Households	Employment	Enrollment
Adams	272,147	111,663	107,451	42,349
Arapahoe	222,317	104,568	87,771	40,119
Boulder	69,248	31,197	7,347	21,512
Broomfield	35,992	14,703	35,076	6,754
Clear Creek	2,844	1,382	731	1,254
Denver	161,793	87,478	157,956	35,175
Douglas	198,390	77,267	80,898	24,237
Gilpin	1,771	855	556	467
Jefferson	140,837	67,985	68,209	14,940
Park	62,008	21,474	8,475	(7,659)
Weld	50,140	18,973	9,697	6,083
<b>Total</b>	<b>1,217,487</b>	<b>537,545</b>	<b>564,167</b>	<b>185,231</b>
<b>Percentage Change (2035 - 2010)</b>				
County	Population	Households	Employment	Enrollment
Adams	60%	68%	62%	38%
Arapahoe	40%	46%	31%	28%
Boulder	24%	26%	5%	27%
Broomfield	70%	76%	108%	47%
Clear Creek	28%	31%	24%	117%
Denver	28%	33%	35%	18%
Douglas	70%	76%	87%	40%
Gilpin	33%	36%	11%	129%
Jefferson	26%	31%	31%	13%
Park	109%	112%	83%	-72%
Weld	153%	160%	107%	185%
<b>Total</b>	<b>43%</b>	<b>46%</b>	<b>39%</b>	<b>26%</b>

## **B. Preliminary Financial Analysis of Segment 1 (I- 25 to Kipling)**

June 25, 2014

**To:** Art Griffith, Douglas County,  
Jerome Estes, CDOT Region 1

**From:** Parsons Brinckerhoff

**Subject:** Revised C-470 Financial Capacity Estimate

This memorandum sets out the impacts to the financial profile of the C-470 Managed Tolleed Express Lanes Project (the Project) as originally laid out in the Parsons Brinckerhoff report, "C-470 Corridor Coalition Preliminary Analysis of Segment 1 (I-25 to Kipling)" (the Feasibility Report) dated January 10, 2014. Revisions to that analysis are based primarily on revised gross revenues and transactions provided by Cambridge Systematics (CS) on June 13, 2014 that incorporated changes to the physical project and lane configuration. The following three revenue streams and associated transaction forecasts were received from CS, as detailed in their report.

- 1) Variable Fixed Pricing I: A baseline variable-fixed pricing (VFP) scenario was developed by examining the dynamic prices set in the model scenarios. Extremely high prices were tempered based on a reasonable expectation of toll prices. Price changes were relegated to the half hour in an attempt to keep the prices from fluctuating too erratically.
- 2) Variable Fixed Pricing II: Varied the toll structure developed in scenario (1) by reducing the entire toll schedule by 50 cents.
- 3) Variable Fixed Pricing III: Varied the toll structure developed in scenario (1) by increasing the entire toll schedule by 50 cents.

The analysis assumes the interim Project, which includes two westbound lanes from I-25 to Colorado Boulevard and one westbound lane continuing to the Wadsworth exit ramp. There will be one eastbound lane from just west of Platte Canyon to I-25. Direct-connect ramps from I-25 to the westbound portion of the Project have been assumed, along with a new connection layout between E-470 and the westbound portion of the Project, both of which significantly improve the traffic flow in the westbound direction. No additional capacity has been modeled as was done in earlier iterations of the analysis outlined in the Feasibility Report.

The following assumptions / inputs are included in the "gross-to-net" revenue calculation and bond capacity calculation:



- 1) The Feasibility Report included \$549 million in cumulative gross revenues between 2018 and 2047 (2013\$ terms). Comparable cumulative gross revenues for each of the revenue scenarios listed above are as follows:
  - a. Variable Fixed Pricing I: \$669.9 Million
  - b. Variable Fixed Pricing II: \$571.8 Million
  - c. Variable Fixed Pricing III: \$759.3 Million
- 2) The number of total lane miles included in the project for O&M purposes is 32.5. This is unchanged from the Feasibility Report.
- 3) The assumption for annual revenue leakage in the Feasibility Report was 8%, based on experience at E-470. The C-470 managed lanes will be buffer-separated, thereby providing a greater potential for users to evade toll payment than if on a controlled access facility, therefore the revenue leakage rate assumption has been increased is 10%.
- 4) The financing structure, includes the following details:
  - a. A TIFIA loan is not assumed to be part of the Base Case financing structure. While TIFIA participation is certainly possible, it is not certain. The Base Case structure reflects tax exempt debt, assumed to be issued by the High Performance Transportation Enterprise.
  - b. The debt structure consists of Current Interest Bonds (CIBs) and Capital Appreciation Bonds (CABs). The market for toll revenue CABs has diminished in the last decade due to the uncertainty that revenue projections will grow over time as predicted. The CAB percentage in the current model has been limited to 30% of the total debt package. However, in most cases, the percentage of CABs has been sized lower than 30% to ensure a minimum debt service coverage ratio of 2 times in the Base Case.
  - c. In order to increase the bonding capacity of the project, an account is assumed to be set up to fund small portions of the debt payments in the first five years until the ramp-up period has passed and revenue is sufficient to repay a more substantial CIB.

Given these assumptions, the gross bond proceeds from the toll revenue streams are expected to range between \$122 million and \$173 million. After transaction costs and accounting for reserve accounts, the net bond proceeds that would be available for construction range from \$96 million to \$136 million (the Project Fund Deposit).

**Table 1: Uses of Bond Proceeds from C-470 Managed Lane Toll Revenue**

(rounded / thousands \$)	Base Case Scenarios		
	VFP I	VFP II	VFP III
<b>Project Fund Deposit</b>	<b>118,600</b>	<b>95,600</b>	<b>135,900</b>
DSRA Deposits	15,200	12,200	17,300
Cost of Issuance	3,500	2,900	4,000
Debt Fund (First 5 Years)	14,500	11,100	15,500
<b>TOTAL USES</b>	<b>151,800</b>	<b>121,800</b>	<b>172,600</b>

The Feasibility Report stated that approximately \$95 million in net bond proceeds could be generated from toll revenues. At that time, a TIFIA loan was assumed to be part of the bond structure. As noted above, the ability to use a TIFIA loan in the bond package is uncertain. If TIFIA can be incorporated into the bond structure, lower overall borrowing costs and debt service coverage ratios would increase the bonding capacity of the revenue streams. At a relatively conservative proportion of the overall debt package (20% to 25% was assumed in the analysis presented below) incorporating TIFIA increases the bonding capacity of all three scenarios by about 20% (the Project Fund Deposit increases by about 20%).

**Table 2: Uses of Bond Proceeds from C-470 Managed Lane Toll Revenue (alt. scenario)**

(rounded / thousands \$)	TIFIA Option Scenarios		
	VFP I	VFP II	VFP III
<b>Project Fund Deposit</b>	<b>150,000</b>	<b>121,000</b>	<b>172,900</b>
DSRA Deposits	14,800	12,000	17,300
Cost of Issuance	3,500	2,900	4,000
Debt Fund (First 5 Years)	25,700	19,600	27,500
<b>TOTAL USES</b>	<b>194,000</b>	<b>155,500</b>	<b>221,700</b>

**Analysis Conclusion**

The three revised revenue streams are all stronger than the revenue stream used in the Feasibility Report and increase the toll revenue bond capacity of the project significant – to between \$96 and 136 million after paying transaction costs and setting aside reserves. Including TIFIA in the bond structure would increase these amounts by 20% or more if aggressive TIFIA assumptions are used.

## **Appendix C-1**

### **Option C Interim Dynamic Pricing 2018 AM**

**Table 1**  
**Network Summary**

Run#	Total VMT (veh-mi)	Total VHT (veh-hr)	Avg Spd (mph)	Avg Delay (s)	Latent Demand	Total Revenue (2013\$)
run1	1,433,208	32,080	44.68	69	3,809	\$19,167
run2	1,436,046	31,705	45.29	65	3,657	\$19,413
run3	1,439,351	32,098	44.84	68	3,421	\$20,191
run4	1,435,415	32,174	44.62	70	3,638	\$19,736
run5	1,439,572	32,596	44.16	74	3,619	\$19,466
run6						
run7						
run8						
run9						
run10						
Average	1,436,718	32,131	44.72	69	3,629	\$19,595

Revenue and Transaction by User Class

	Transponder	License Plate	Total
Revenue	\$9,056.80	\$10,537.70	\$19,594.50
Transaction	4,960	4,159	9,118
Avg Toll	\$1.83	\$2.53	\$2.15

Minimum Number of Runs Needed:

	Mean	Speed (mph)	Revenue (\$)
		44.72	19,595
Standard Deviation		0.41	390
Target Error %	1.0%	4	16
	2.5%	1	3
	3.5%	1	2
	5.0%	1	1
	10.0%	1	1

**Table 2a**  
**Westbound Travel Time**

Direction	From	To	Distance (mi)	Model Travel Time (mins)													
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00
<b>WB C-470 - Managed Lane</b>	I-25	Yosemite	0.622	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	Yosemite	Quebec	1.401	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.5	1.5	1.5
	Quebec	Colorado	2.063	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.3	2.2	2.2
	Colorado	University	1.030	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0
	University	Broadway	1.489	1.6	1.5	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.6	1.5
	Broadway	Lucent	1.181	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	Lucent	Santa Fe	1.403	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.4	1.4
	Santa Fe	Platte Canyon	1.581	1.7	1.7	1.7	1.7	1.6	1.6	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.7
	Platte Canyon	Wadsworth	1.529	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.6	1.6	1.6
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	<b>Total</b>		<b>13.754</b>	<b>14.1</b>	<b>14.2</b>	<b>14.1</b>	<b>14.1</b>	<b>14.0</b>	<b>13.9</b>	<b>14.1</b>	<b>14.1</b>	<b>14.2</b>	<b>14.0</b>	<b>14.1</b>	<b>14.2</b>	<b>14.1</b>	
<b>WB C-470 - General Purpose Lanes</b>	I-25	Yosemite	0.622	0.6	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	Yosemite	Quebec	1.401	1.3	2.0	4.1	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.4
	Quebec	Colorado	2.063	2.0	3.1	4.9	4.5	3.1	2.1	2.1	2.0	2.1	2.0	2.0	2.1	2.1	2.1
	Colorado	University	1.030	1.1	1.3	1.4	1.3	1.2	1.1	1.1	1.1	1.1	1.0	1.0	1.1	1.1	1.1
	University	Broadway	1.489	1.5	1.7	1.7	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Broadway	Lucent	1.181	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	Lucent	Santa Fe	1.403	1.4	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	Santa Fe	Platte Canyon	1.581	1.5	1.6	1.6	1.6	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6
	Platte Canyon	Wadsworth	1.529	1.5	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	<b>Total</b>		<b>13.540</b>	<b>13.6</b>	<b>16.1</b>	<b>20.2</b>	<b>16.7</b>	<b>14.9</b>	<b>13.8</b>	<b>13.7</b>	<b>13.4</b>	<b>13.5</b>	<b>13.4</b>	<b>13.4</b>	<b>13.6</b>	<b>13.7</b>	
<b>WB C-470 - Travel Time Saving</b>	I-25	Yosemite	0.622	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1
	Yosemite	Quebec	1.401	0.0	0.6	2.7	0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
	Quebec	Colorado	2.063	-0.1	0.9	2.8	2.4	0.9	0.0	-0.1	-0.1	-0.1	-0.2	-0.2	-0.1	-0.1	-0.1
	Colorado	University	1.030	0.0	0.2	0.3	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	University	Broadway	1.489	-0.1	0.1	0.2	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	-0.1	0.0	0.0
	Broadway	Lucent	1.181	-0.1	0.0	0.0	0.0	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
	Lucent	Platte Canyon	1.403	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	0.0	-0.1	-0.1	0.0
	Platte Canyon	Santa Fe	1.581	-0.2	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.2	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
	Santa Fe	Wadsworth	1.529	-0.1	0.0	0.0	-0.1	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
	Wadsworth	Kipling	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>Total</b>		<b>13.540</b>	<b>-0.5</b>	<b>1.9</b>	<b>6.1</b>	<b>2.6</b>	<b>0.9</b>	<b>0.0</b>	<b>-0.4</b>	<b>-0.7</b>	<b>-0.7</b>	<b>-0.6</b>	<b>-0.6</b>	<b>-0.6</b>	<b>-0.4</b>	

**Table 2b**  
**Eastbound Travel Time**

Direction	From	To	Distance (mi)	Model Travel Time (mins)													
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00
<b>EB C-470 - Managed Lane</b>	Kipling	Wadsworth	1.454	1.4	3.5	7.3	6.2	5.8	5.7	6.1	3.8	1.4	1.4	1.4	1.4	1.4	1.4
	Wadsworth	Platte Canyon	1.530	1.5	2.8	3.4	3.2	2.9	3.1	3.2	2.8	1.5	1.5	1.5	1.5	1.5	1.5
	Platte Canyon	Santa Fe	1.569	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Santa Fe	Lucent	1.403	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Lucent	Broadway	1.204	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	Broadway	University	1.473	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	University	Colorado	1.026	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Colorado	Quebec	2.068	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9
	Quebec	Yosemite	1.388	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>13.2</b>	<b>16.6</b>	<b>21.0</b>	<b>19.8</b>	<b>19.0</b>	<b>19.0</b>	<b>19.5</b>	<b>16.9</b>	<b>13.0</b>	<b>12.9</b>	<b>12.9</b>	<b>13.0</b>	<b>13.0</b>	<b>13.0</b>
<b>EB C-470 - General Purpose Lanes</b>	Kipling	Wadsworth	1.454	1.4	3.5	7.3	6.2	5.8	5.7	6.1	3.8	1.4	1.4	1.4	1.4	1.4	1.4
	Wadsworth	Platte Canyon	1.530	1.5	2.8	3.4	3.2	2.9	3.1	3.2	2.8	1.5	1.5	1.5	1.5	1.5	1.5
	Platte Canyon	Santa Fe	1.569	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.6	1.6	1.6
	Santa Fe	Lucent	1.403	1.5	1.7	2.1	1.5	1.5	1.5	1.8	1.6	1.5	1.4	1.4	1.5	1.5	1.5
	Lucent	Broadway	1.204	1.3	1.8	3.7	2.2	1.3	1.3	1.5	1.4	1.2	1.2	1.2	1.2	1.2	1.2
	Broadway	University	1.473	1.5	2.0	2.2	2.1	1.7	1.6	1.9	1.7	1.5	1.5	1.5	1.5	1.5	1.5
	University	Colorado	1.026	1.0	1.3	1.7	1.5	1.4	1.2	1.3	1.1	1.0	1.0	1.0	1.0	1.1	1.0
	Colorado	Quebec	2.068	2.1	2.2	2.2	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1
	Quebec	Yosemite	1.388	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.4	1.4	1.3	1.3	1.4	1.4	1.4
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>14.0</b>	<b>18.9</b>	<b>26.3</b>	<b>22.5</b>	<b>20.3</b>	<b>20.1</b>	<b>21.5</b>	<b>18.3</b>	<b>13.8</b>	<b>13.6</b>	<b>13.5</b>	<b>13.8</b>	<b>13.9</b>	<b>13.8</b>
<b>EB C-470 - Travel Time Saving</b>	Kipling	Wadsworth	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Wadsworth	Platte Canyon	1.530	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Platte Canyon	Santa Fe	1.569	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	Santa Fe	Lucent	1.403	0.2	0.4	0.8	0.2	0.2	0.2	0.4	0.3	0.2	0.1	0.1	0.2	0.2	0.2
	Lucent	Broadway	1.204	0.1	0.7	2.6	1.0	0.1	0.2	0.3	0.3	0.1	0.1	0.1	0.1	0.1	0.1
	Broadway	University	1.473	0.1	0.6	0.8	0.7	0.3	0.2	0.5	0.3	0.1	0.1	0.1	0.1	0.2	0.1
	University	Colorado	1.026	0.1	0.3	0.7	0.5	0.5	0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1
	Colorado	Quebec	2.068	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2
	Quebec	Yosemite	1.388	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	Yosemite	I-25	0.635	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>Total</b>		<b>13.749</b>	<b>0.8</b>	<b>2.3</b>	<b>5.3</b>	<b>2.7</b>	<b>1.3</b>	<b>1.1</b>	<b>1.9</b>	<b>1.5</b>	<b>0.8</b>	<b>0.7</b>	<b>0.6</b>	<b>0.8</b>	<b>0.9</b>	<b>0.8</b>

**Table 2c**  
**I-25 Travel Time**

Direction	From	To	Distance (mi)	Model Travel Time (mins)													
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00
NB I-25	Lincoln	C-470	1.323	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.3	1.2	1.2
	C-470	Countyline	0.761	0.7	0.7	0.7	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
	Total		2.084	1.9	2.0	2.0	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
SB I-25	Countyline	C-470	0.761	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
	C-470	Lincoln	1.323	1.2	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.3	1.3	1.2	1.3	1.3	1.3
	Total		2.084	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	2.0

**Table 2d**  
**NB/SB I-25 Ramp to C-470 WB Travel Time**

Direction	From	To	Distance (mi)	Model Travel Time (mins)													
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00
NB I-25 - General Purpose	Lincoln	Yosemite	1.963	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2
	Yosemite	Quebec	1.402	1.3	2.0	4.1	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.4
	Total		3.365	3.5	4.3	6.4	3.8	3.7	3.6	3.7	3.6	3.6	3.6	3.5	3.6	3.6	3.6
NB I-25 - Managed Lane	Lincoln	Yosemite	1.967	2.1	2.3	2.2	2.3	2.3	2.2	2.3	2.2	2.2	2.2	2.1	2.2	2.2	2.2
	Yosemite	Quebec	1.398	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	Total		3.364	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.9	3.8	3.7	3.7	3.7	3.8	3.8
SB I-25 - General Purpose	Countyline	Yosemite	1.142	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	Yosemite	Quebec	1.402	1.3	2.0	4.1	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.4
	Total		2.544	2.6	3.2	5.3	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
SB I-25 - Managed Lane	Countyline	Yosemite	1.187	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Yosemite	Quebec	1.398	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.5	1.5	1.5
	Total		2.585	2.7	2.7	2.6	2.7	2.7	2.6	2.7	2.7	2.7	2.7	2.7	2.8	2.7	2.7







Table 5a  
Westbound Managed Lane Speed

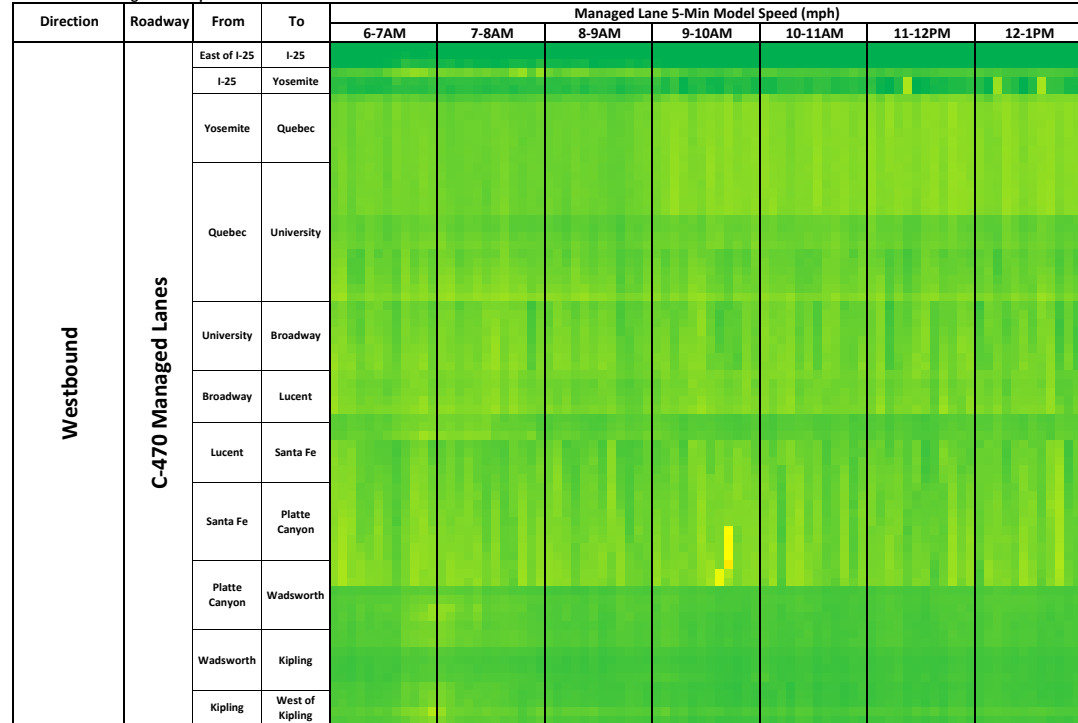


Table 5b  
Westbound General Purpose Lane Speed

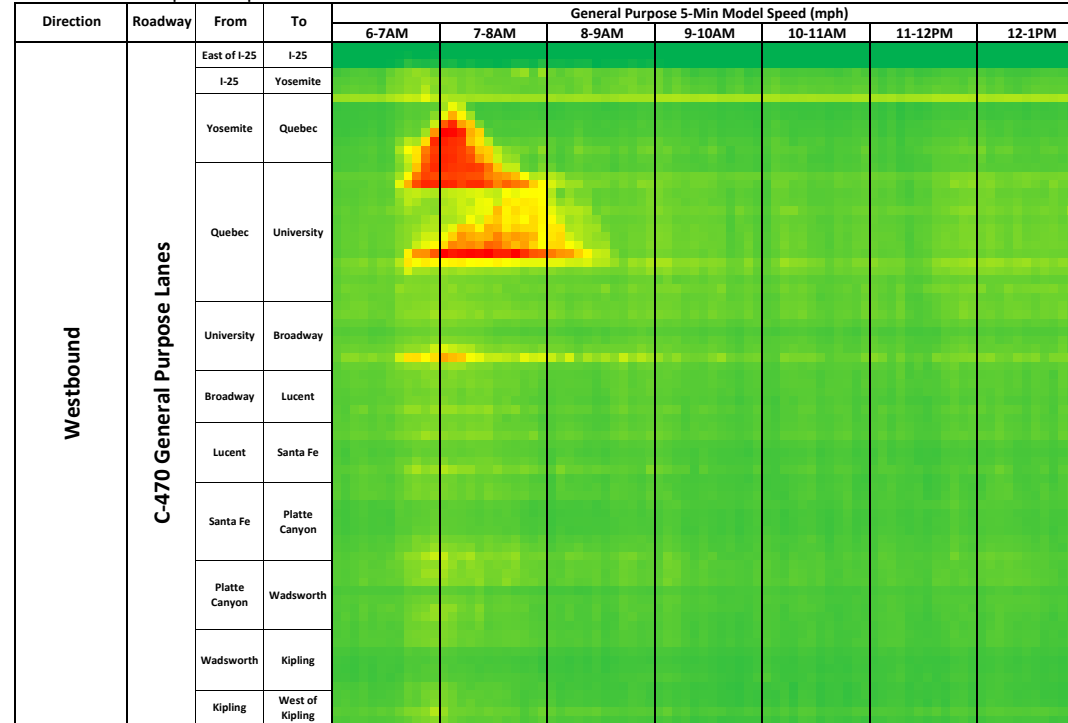


Table 5c  
Eastbound Managed Lane Speed

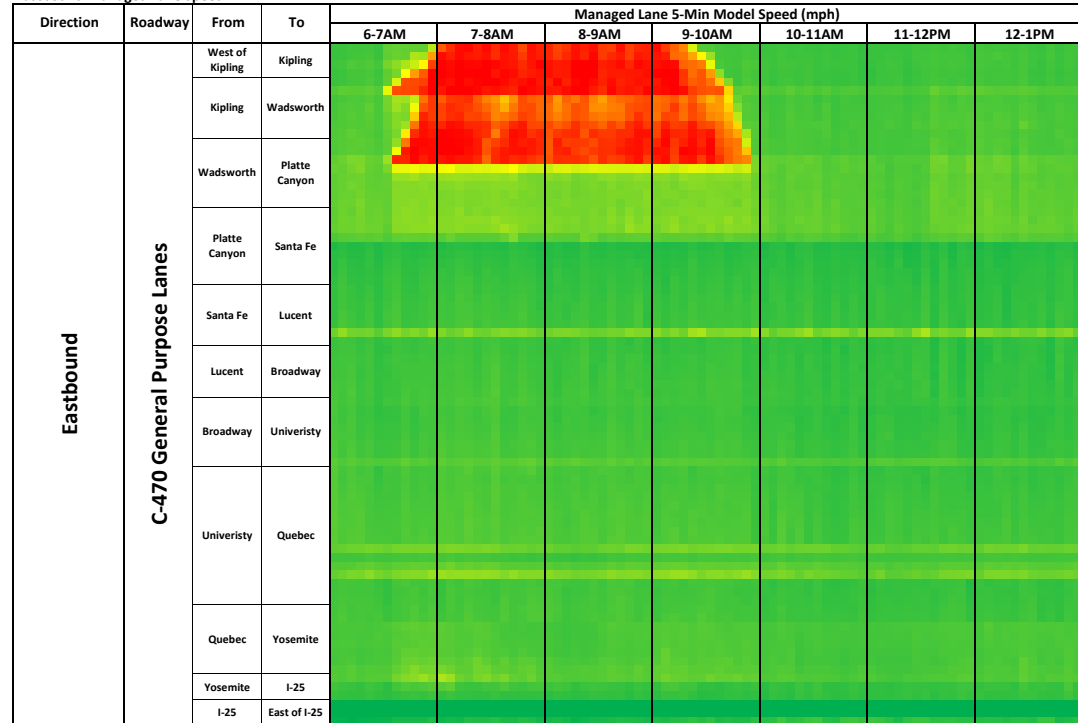


Table 5d  
Eastbound General Purpose Lane Speed

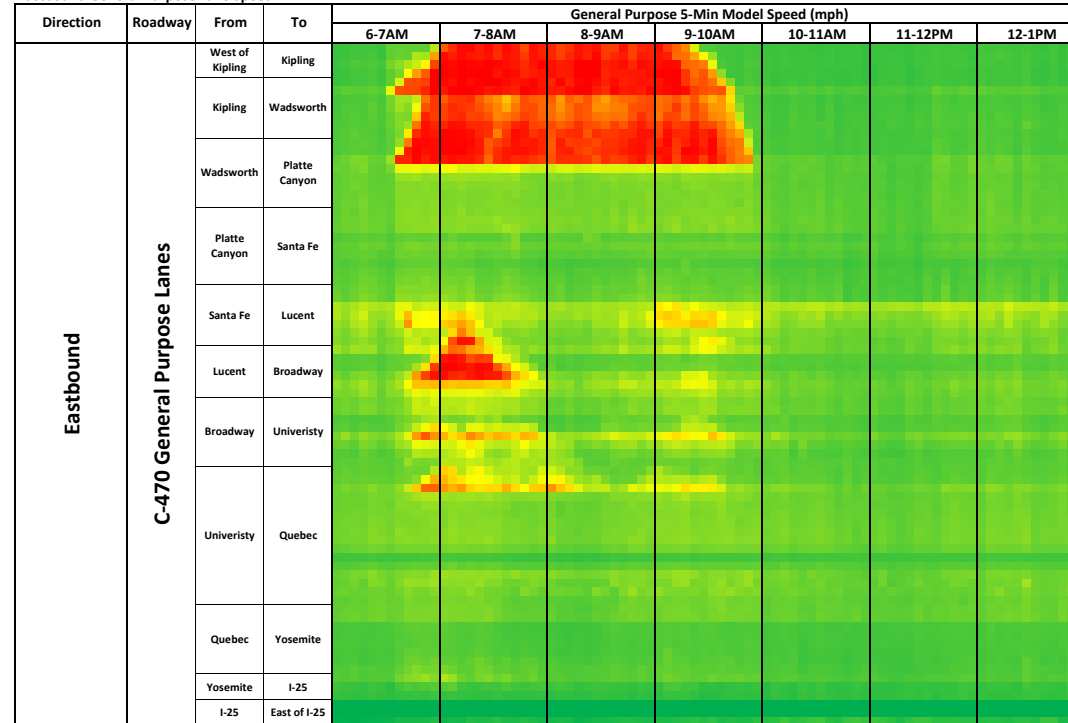


Table 5e  
NB I-25 Speed

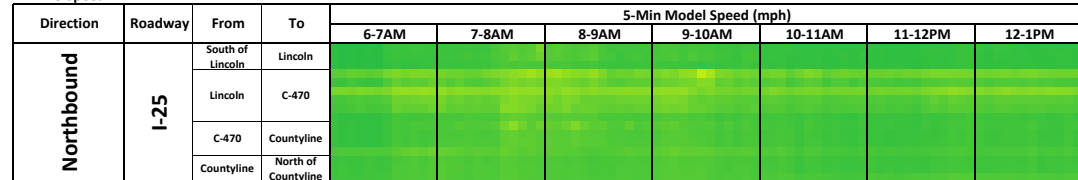


Table 5f  
SB I-25 Speed

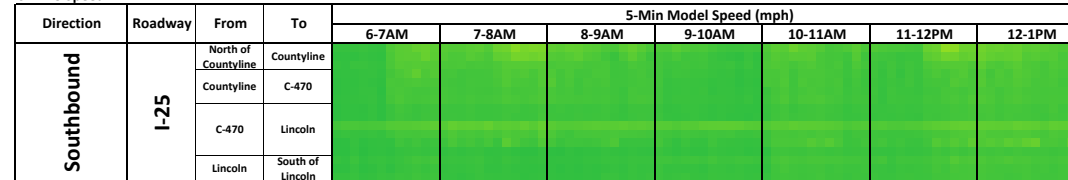


Table 6a  
Westbound Managed Lane Volume

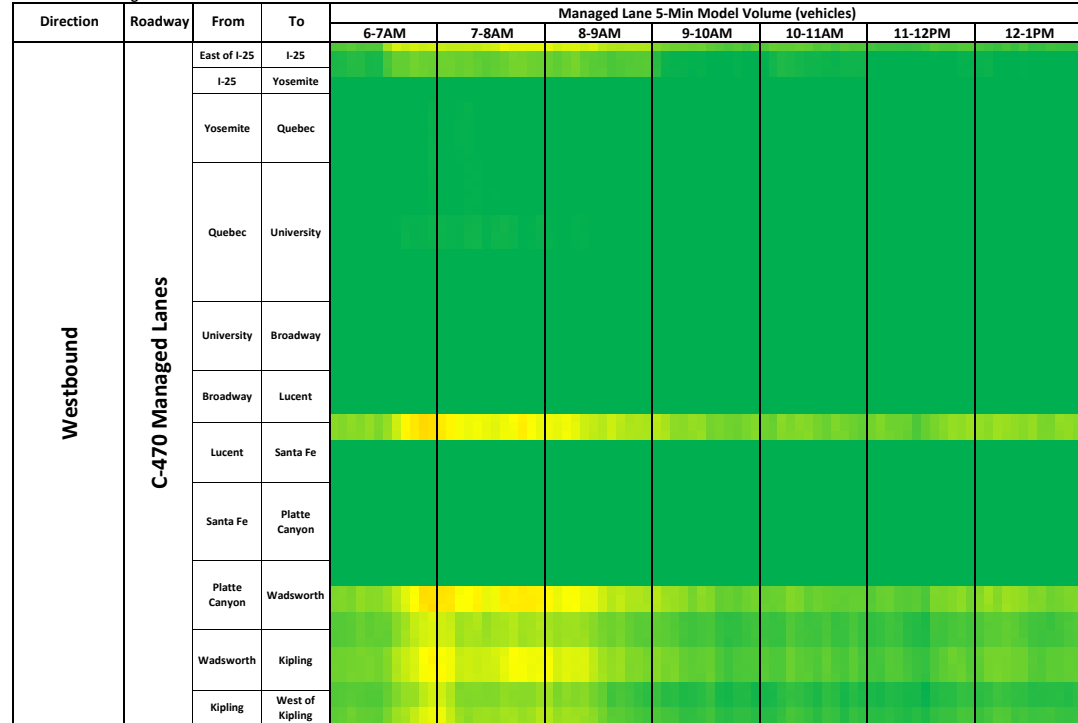


Table 6b  
Westbound General Purpose Lane Volume

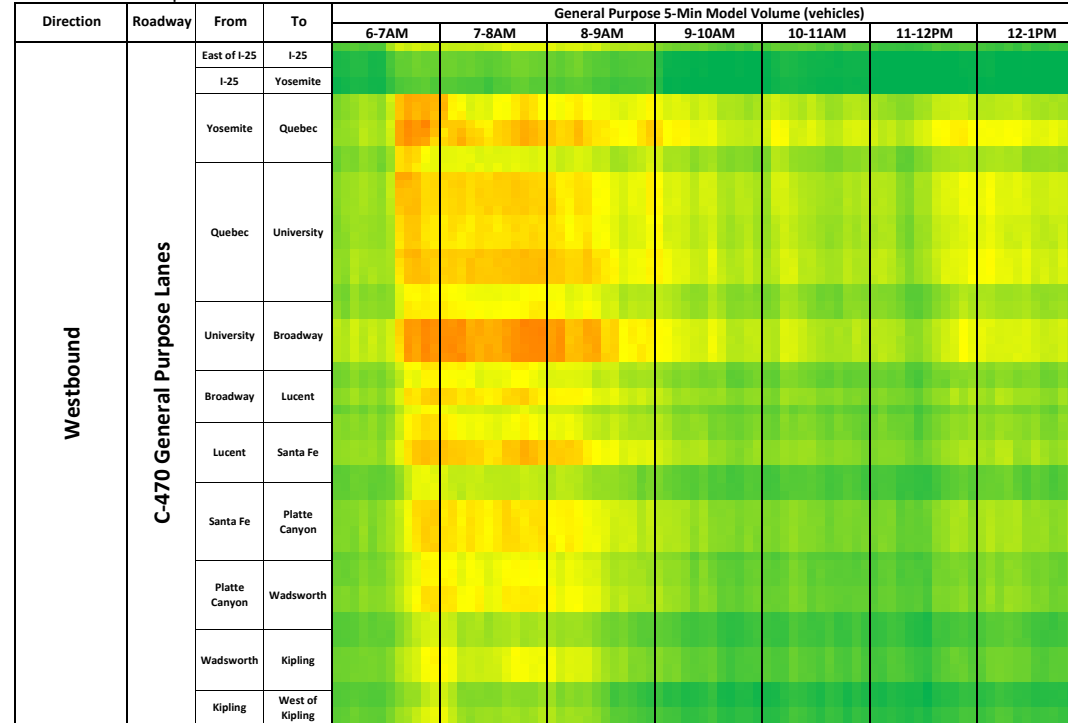


Table 6c  
Eastbound Managed Lane Volume

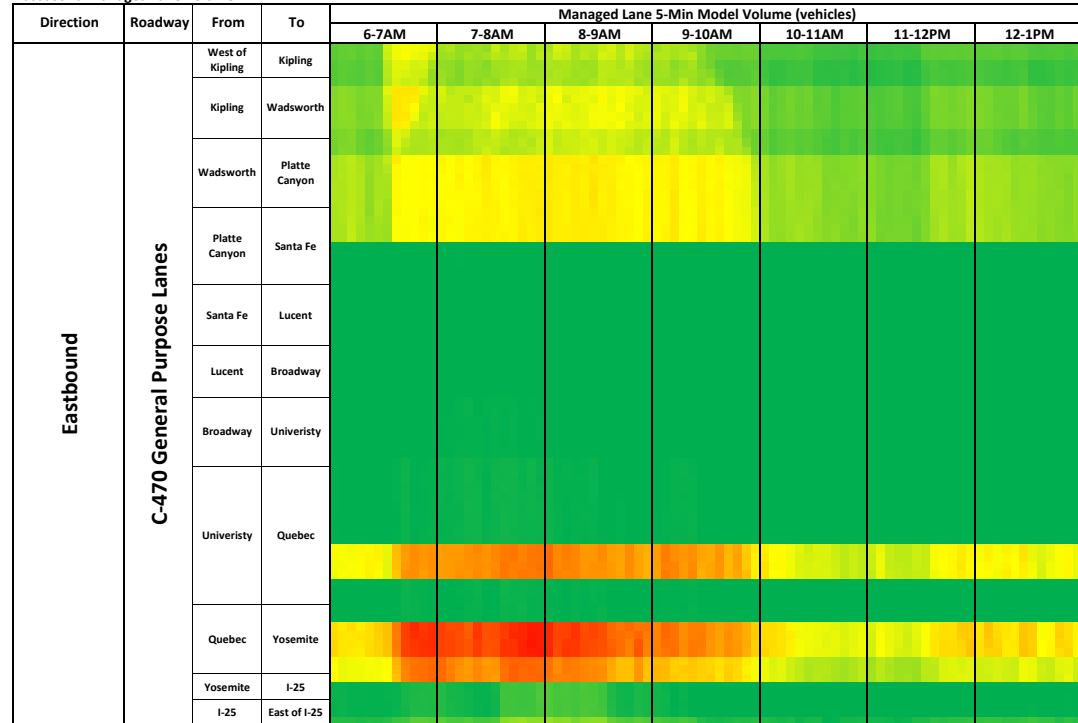


Table 6d  
Eastbound General Purpose Lane Volume

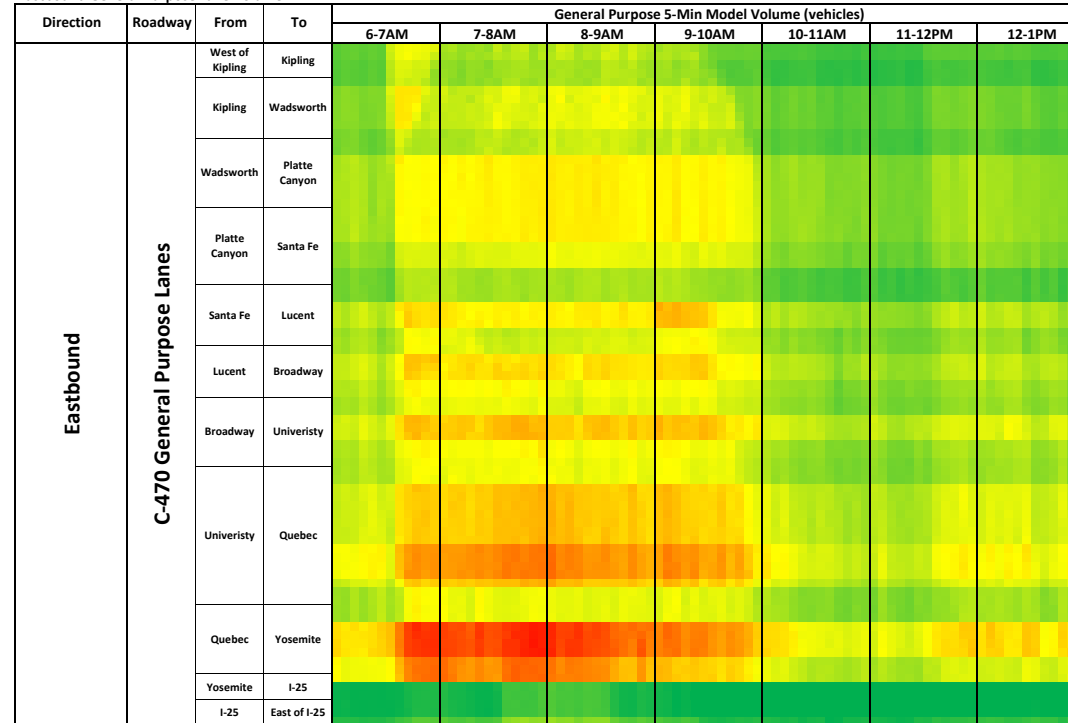


Table 6e  
NB I-25 Volume

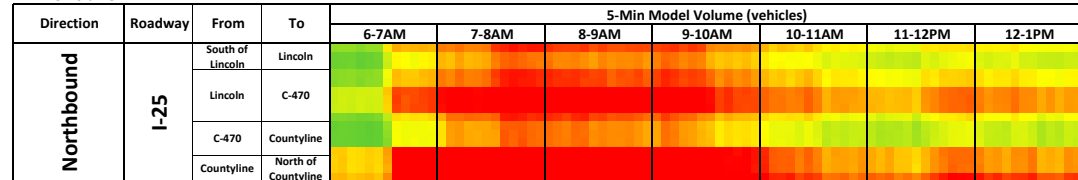
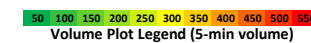
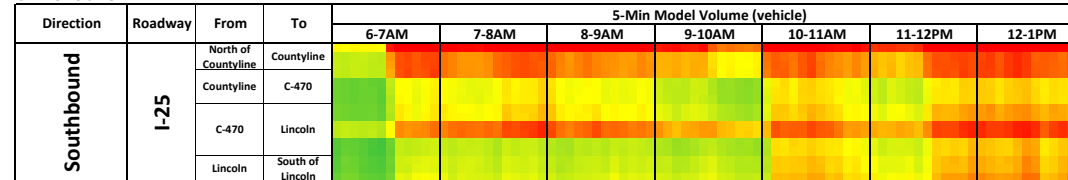


Table 6f  
SB I-25 Volume



## **Appendix C-2**

### **Option C Interim Dynamic Pricing 2018 PM**

**Table 1**  
**Network Summary**

Run#	Total VMT (veh-mi)	Total VHT (veh-hr)	Avg Spd (mph)	Avg Delay (s)	Latent Demand	Total Revenue (2013\$)
run1	1,517,738	38,509	39.41	104	4,676	\$34,607
run2	1,514,722	38,711	39.13	107	5,315	\$34,029
run3	1,518,647	38,746	39.20	106	4,854	\$36,451
run4	1,513,980	38,419	39.41	104	5,214	\$35,085
run5	1,515,621	39,318	38.55	113	6,047	\$37,218
run6						
run7						
run8						
run9						
run10						
Average	1,516,142	38,740	39.14	107	5,221	\$35,478

Revenue and Transaction by User Class

	Transponder	License Plate	Total
Revenue	\$16,781.80	\$18,696.15	\$35,477.95
Transaction	6,022	5,297	11,319
Avg Toll	\$2.79	\$3.53	\$3.13

Minimum Number of Runs Needed:

	Mean	Speed (mph)	Revenue (\$)
		39.14	35,478
Standard Deviation		0.35	1322
Target Error %	1.0%	4	54
	2.5%	1	9
	3.5%	1	5
	5.0%	1	3
	10.0%	1	1

Table 2a  
Westbound Travel Time

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
WB C-470 - Managed Lane	I-25	Yosemite	0.622	0.6	0.6	0.6	0.6	0.6	33.8	4.6	2.4	2.6	1.6	1.2	1.0	0.6	0.6
	Yosemite	Quebec	1.401	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.4	1.4	1.4	1.5	1.5
	Quebec	Colorado	2.063	2.3	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.2	2.1	2.2	2.2	2.2
	Colorado	University	1.030	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.1	1.2	1.1	1.1	1.1	1.1
	University	Broadway	1.489	1.6	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.5
	Broadway	Lucent	1.181	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Lucent	Santa Fe	1.403	1.5	1.4	1.5	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.4	1.4	1.4
	Santa Fe	Platte Canyon	1.581	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.6
	Platte Canyon	Wadsworth	1.529	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.6	1.6	1.5
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4
	Total		13.754	14.6	14.2	14.4	14.4	14.6	48.0	18.8	16.7	16.9	15.7	14.8	14.6	14.5	14.1
WB C-470 - General Purpose Lanes	I-25	Yosemite	0.622	0.6	0.6	0.6	2.6	21.1	42.3	44.8	23.6	26.0	14.6	5.0	3.5	0.7	0.6
	Yosemite	Quebec	1.401	1.4	1.4	2.3	7.3	9.2	10.7	10.7	11.5	12.4	6.4	4.8	7.2	3.4	1.4
	Quebec	Colorado	2.063	2.3	2.4	3.1	4.3	6.7	7.5	8.0	9.0	8.8	7.7	6.4	7.1	6.0	2.8
	Colorado	University	1.030	1.1	1.1	1.2	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.2
	University	Broadway	1.489	1.5	1.5	1.5	1.5	1.6	1.6	1.7	1.7	1.7	1.6	1.6	1.6	1.5	1.5
	Broadway	Lucent	1.181	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2
	Lucent	Santa Fe	1.403	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.9	3.8	3.5	1.7	1.4	1.4	1.4
	Santa Fe	Platte Canyon	1.581	1.6	1.6	1.7	1.7	1.7	1.9	2.0	3.5	4.9	4.2	2.9	1.6	1.6	1.5
	Platte Canyon	Wadsworth	1.529	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.8	1.8	1.8	1.6	1.5	1.5	1.5
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4
	Total		13.540	14.0	14.3	16.1	24.4	47.6	71.4	74.7	57.2	63.6	43.9	28.1	27.9	20.2	14.2
WB C-470 - Travel Time Saving	I-25	Yosemite	0.622	0.0	0.0	0.1	2.0	20.4	8.4	40.2	21.3	23.4	13.0	3.8	2.5	0.1	0.0
	Yosemite	Quebec	1.401	-0.1	-0.1	0.9	5.8	7.7	9.1	9.2	10.0	10.9	5.0	3.4	5.7	1.9	-0.2
	Quebec	Colorado	2.063	0.0	0.2	0.9	2.1	4.4	5.2	5.7	6.7	6.5	5.4	4.3	4.9	3.8	0.5
	Colorado	University	1.030	0.0	0.1	0.1	0.3	0.2	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.1
	University	Broadway	1.489	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0
	Broadway	Lucent	1.181	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	-0.1
	Lucent	Platte Canyon	1.403	-0.1	0.0	0.0	0.0	0.1	0.1	0.2	0.4	2.3	2.1	0.3	0.0	0.0	0.0
	Platte Canyon	Santa Fe	1.581	-0.1	0.0	0.0	0.0	0.1	0.2	0.4	1.8	3.2	2.5	1.2	-0.1	-0.1	-0.1
	Santa Fe	Wadsworth	1.529	-0.1	0.0	-0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	-0.1	-0.1	-0.1
	Wadsworth	Kipling	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total		13.540	-0.6	0.0	1.7	10.0	32.9	23.4	55.9	40.5	46.7	28.2	13.2	13.2	5.7	0.2

**Table 2b  
Eastbound Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>EB C-470 - Managed Lane</b>	Kipling	Wadsworth	1.454	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.4	1.4	1.4
	Wadsworth	Platte Canyon	1.530	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.4
	Platte Canyon	Santa Fe	1.569	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4
	Santa Fe	Lucent	1.403	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Lucent	Broadway	1.204	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	Broadway	University	1.473	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	University	Colorado	1.026	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9
	Colorado	Quebec	2.068	1.9	2.0	1.9	1.9	2.0	2.0	1.9	1.9	1.9	1.9	1.9	2.0	1.9	1.9
	Quebec	Yosemite	1.388	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>12.9</b>	<b>13.0</b>	<b>13.0</b>	<b>13.0</b>	<b>13.2</b>	<b>13.2</b>	<b>13.0</b>	<b>13.0</b>	<b>13.1</b>	<b>13.1</b>	<b>13.2</b>	<b>13.1</b>	<b>12.9</b>	<b>12.7</b>
<b>EB C-470 - General Purpose Lanes</b>	Kipling	Wadsworth	1.454	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.4	1.4	1.4
	Wadsworth	Platte Canyon	1.530	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.4
	Platte Canyon	Santa Fe	1.569	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5
	Santa Fe	Lucent	1.403	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.4	1.5	1.5	1.5	1.5	1.4	1.3
	Lucent	Broadway	1.204	1.2	1.2	1.2	1.2	1.3	1.3	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.1
	Broadway	University	1.473	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.5	1.5	1.5	1.7	1.6	1.5	1.4
	University	Colorado	1.026	1.0	1.1	1.0	1.0	1.1	1.1	1.1	1.0	1.0	1.0	1.2	1.1	1.0	1.0
	Colorado	Quebec	2.068	2.1	2.1	2.1	2.1	2.1	2.2	2.1	2.1	2.1	2.1	2.2	2.1	2.1	2.0
	Quebec	Yosemite	1.388	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.4	1.4	1.3	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>13.6</b>	<b>13.7</b>	<b>13.6</b>	<b>13.8</b>	<b>14.1</b>	<b>14.3</b>	<b>14.0</b>	<b>13.7</b>	<b>13.7</b>	<b>13.7</b>	<b>14.5</b>	<b>14.1</b>	<b>13.5</b>	<b>13.0</b>
<b>EB C-470 - Travel Time Saving</b>	Kipling	Wadsworth	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Wadsworth	Platte Canyon	1.530	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Platte Canyon	Santa Fe	1.569	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
	Santa Fe	Lucent	1.403	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.2	0.1	0.2	0.2	0.1	0.0
	Lucent	Broadway	1.204	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
	Broadway	University	1.473	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.3	0.2	0.1	0.0
	University	Colorado	1.026	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.0
	Colorado	Quebec	2.068	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.1
	Quebec	Yosemite	1.388	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.0
	Yosemite	I-25	0.635	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>Total</b>		<b>13.749</b>	<b>0.7</b>	<b>0.7</b>	<b>0.7</b>	<b>0.8</b>	<b>1.0</b>	<b>1.1</b>	<b>0.9</b>	<b>0.7</b>	<b>0.7</b>	<b>0.6</b>	<b>1.3</b>	<b>1.0</b>	<b>0.6</b>	<b>0.3</b>

**Table 2c**  
**I-25 Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>NB I-25</b>	Lincoln	C-470	1.323	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2
	C-470	Countyline	0.761	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
	Total		2.084	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9
<b>SB I-25</b>	Countyline	C-470	0.761	0.7	0.8	0.7	0.8	0.8	0.9	0.8	0.8	0.8	0.8	0.9	0.8	0.8	
	C-470	Lincoln	1.323	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.3	1.3	
	Total		2.084	2.0	2.0	2.0	2.1	2.1	2.2	2.1	2.1	2.1	2.2	2.3	2.1	2.1	2.0

**Table 2d**  
**NB/SB I-25 Ramp to C-470 WB Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>NB I-25 - General Purpose</b>	Lincoln	Yosemite	1.963	2.3	2.3	2.3	3.2	4.7	7.7	12.1	7.8	6.5	3.4	2.8	2.6	2.2	
	Yosemite	Quebec	1.402	1.4	1.4	2.3	7.3	9.2	10.7	10.7	11.5	12.4	6.4	4.8	7.2	3.4	
	Total		3.365	3.7	3.7	4.6	10.4	13.8	18.4	22.8	19.3	18.9	9.8	7.6	9.8	5.6	3.5
<b>NB I-25 - Managed Lane</b>	Lincoln	Yosemite	1.967	2.2	2.2	2.3	2.3	2.6	4.6	8.2	4.2	3.0	2.4	2.5	2.2	2.2	
	Yosemite	Quebec	1.398	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	
	Total		3.364	3.8	3.8	3.9	3.9	4.1	6.2	9.8	5.8	4.6	3.9	4.0	3.8	3.8	3.7
<b>SB I-25 - General Purpose</b>	Countyline	Yosemite	1.142	1.2	1.2	1.3	2.6	4.3	7.8	9.3	6.3	7.0	4.8	1.8	1.7	1.3	
	Yosemite	Quebec	1.402	1.4	1.4	2.3	7.3	9.2	10.7	10.7	11.5	12.4	6.4	4.8	7.2	3.4	
	Total		2.544	2.7	2.7	3.6	9.8	13.5	18.5	20.1	17.8	19.4	11.2	6.6	8.9	4.6	2.6
<b>SB I-25 - Managed Lane</b>	Countyline	Yosemite	1.187	1.3	1.3	1.3	1.3	1.3	1.4	1.8	1.5	1.3	1.3	1.3	1.3	1.3	
	Yosemite	Quebec	1.398	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.4	1.4	1.5	1.5	
	Total		2.585	2.8	2.8	2.8	2.8	2.9	3.0	3.4	3.0	2.8	2.8	2.7	2.8	2.8	2.8







Table 5a  
Westbound Managed Lane Speed

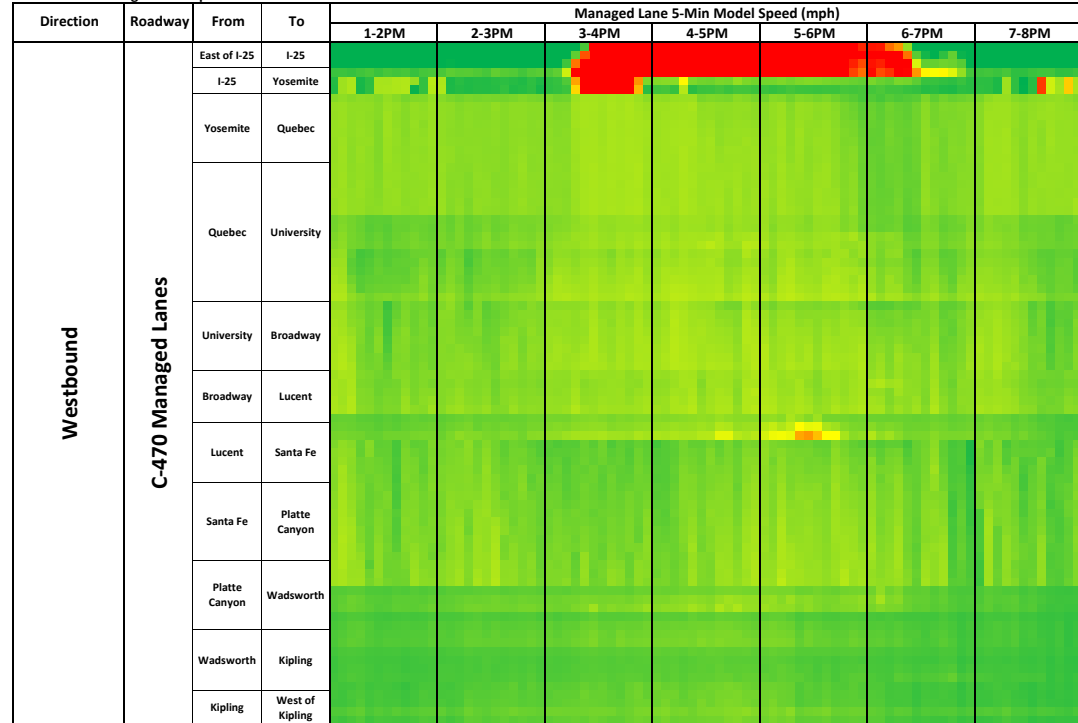


Table 5b  
Westbound General Purpose Lane Speed

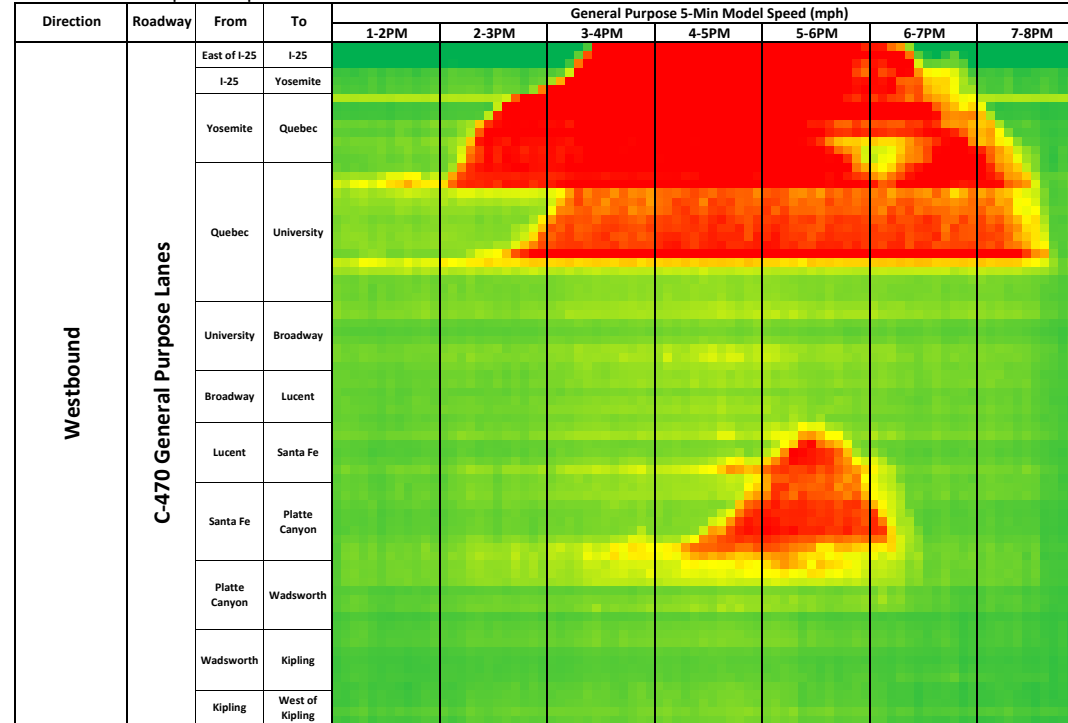


Table 5c  
Eastbound Managed Lane Speed

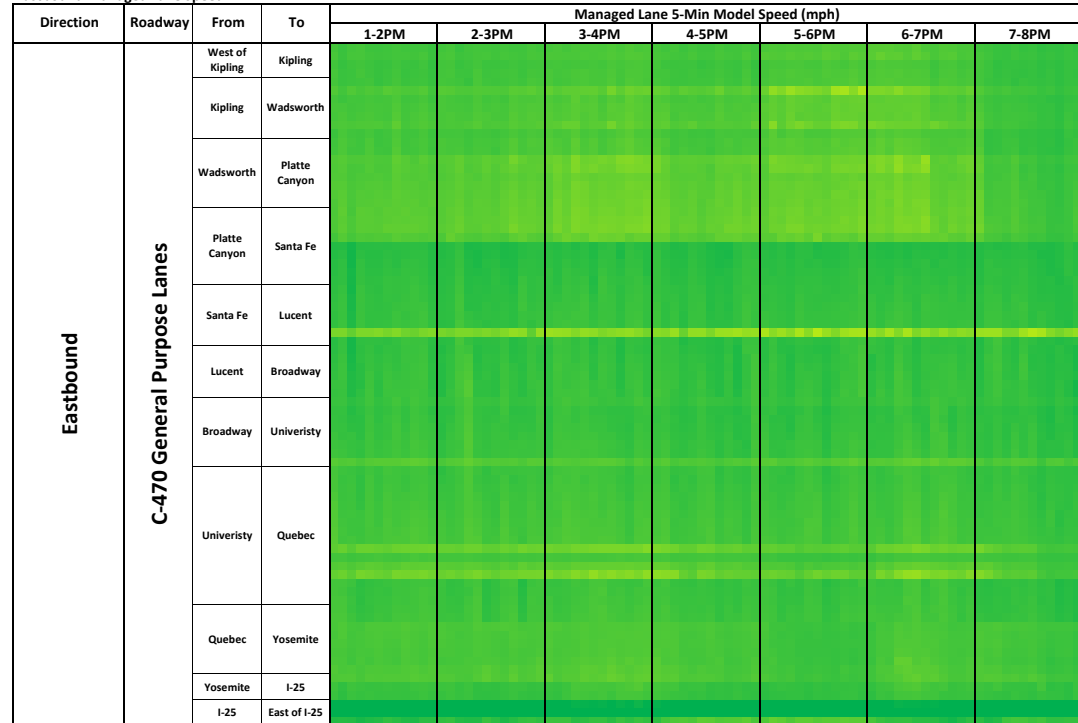


Table 5d  
Eastbound General Purpose Lane Speed

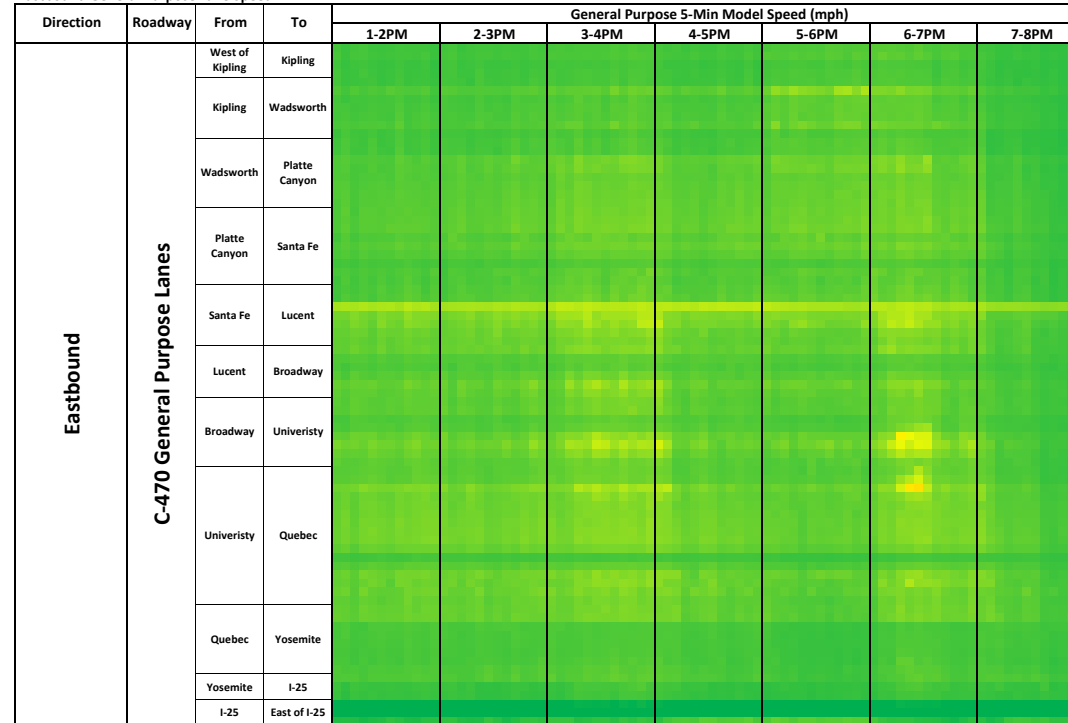


Table 5e  
NB I-25 Speed

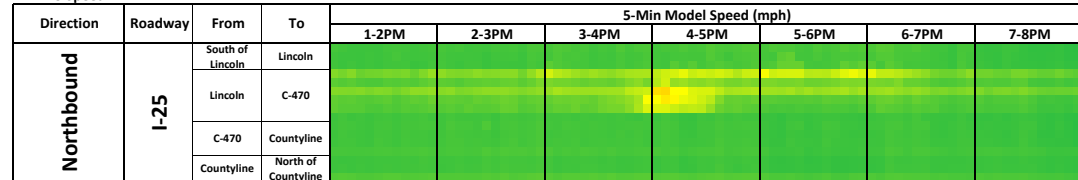


Table 5f  
SB I-25 Speed

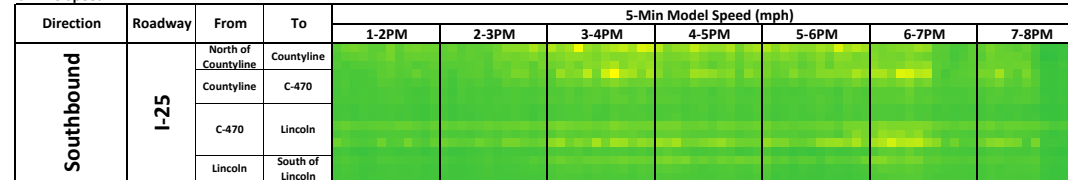


Table 6a  
Westbound Managed Lane Volume

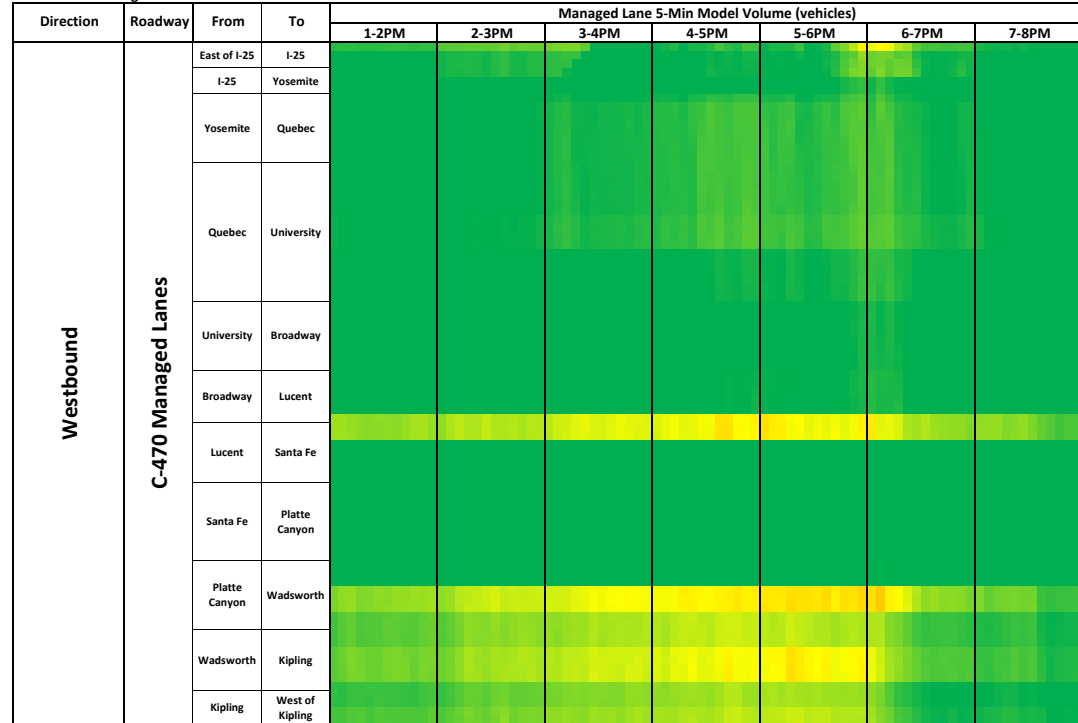


Table 6b  
Westbound General Purpose Lane Volume

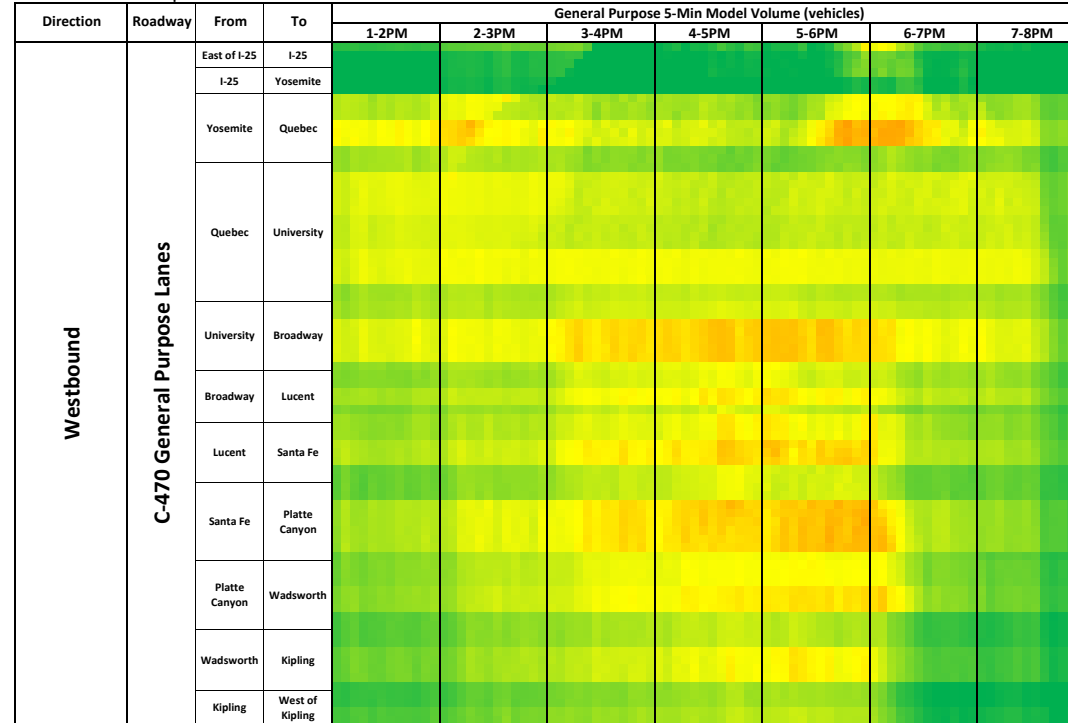


Table 6c  
Eastbound Managed Lane Volume

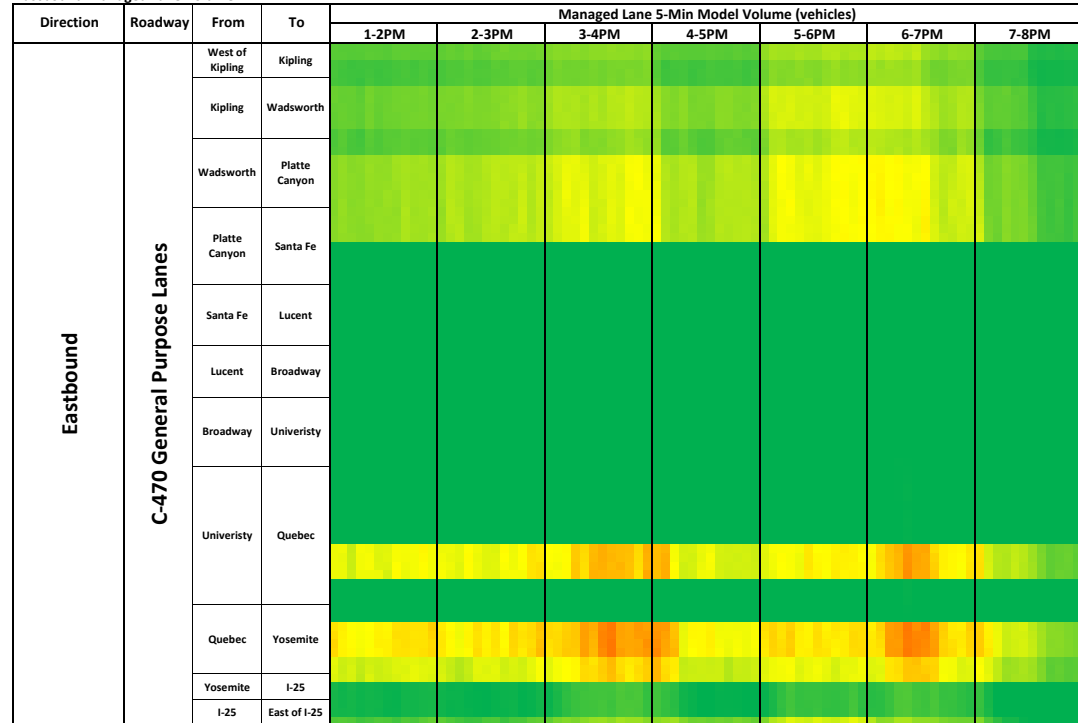


Table 6d  
Eastbound General Purpose Lane Volume

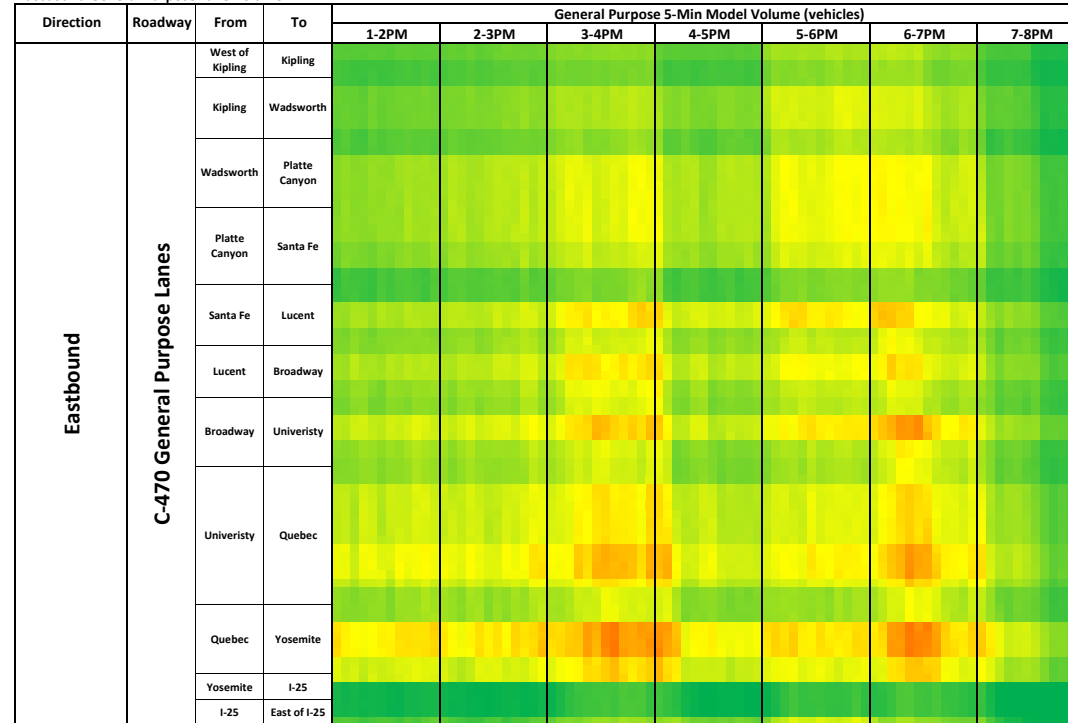


Table 6e  
NB I-25 Volume

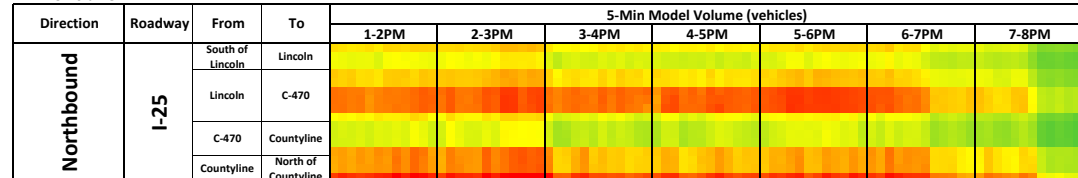
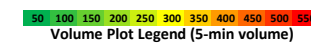
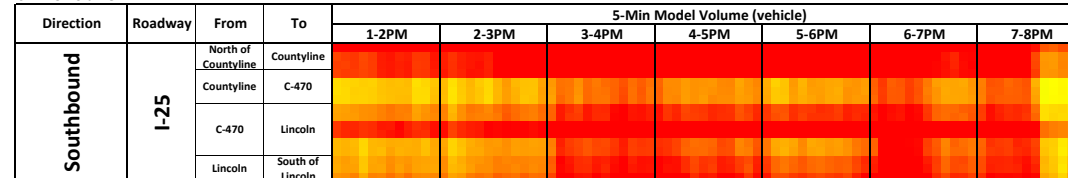


Table 6f  
SB I-25 Volume



## **Appendix C-3**

### **Option C Interim Dynamic Pricing 2025 AM**

**Table 1**  
**Network Summary**

Run#	Total VMT (veh-mi)	Total VHT (veh-hr)	Avg Spd (mph)	Avg Delay (s)	Latent Demand	Total Revenue (2013\$)
run1	1,591,628	47,941	33.20	190	9,923	\$34,135
run2	1,604,766	47,538	33.76	182	7,100	\$32,833
run3	1,599,076	50,170	31.87	210	9,003	\$36,099
run4	1,602,368	46,580	34.40	173	7,943	\$30,212
run5	1,610,907	41,932	38.42	126	6,583	\$26,368
run6						
run7						
run8						
run9						
run10						
Average	1,601,749	46,832	34.33	176	8,110	\$31,929

Revenue and Transaction by User Class

	Transponder	License Plate	Total
Revenue	\$19,056.45	\$12,872.75	\$31,929.20
Transaction	8,244	4,168	12,412
Avg Toll	\$2.31	\$3.09	\$2.57

Minimum Number of Runs Needed:

	Mean	Speed (mph)	Revenue (\$)
		34.33	31,929
Standard Deviation		2.47	3773
Target Error %	1.0%	199	537
	2.5%	32	86
	3.5%	17	44
	5.0%	8	22
	10.0%	2	6

**Table 2a**  
**Westbound Travel Time**

Direction	From	To	Distance (mi)	Model Travel Time (mins)														
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00	
<b>WB C-470 - Managed Lane</b>	I-25	Yosemite	0.622	0.6	0.7	1.1	0.9	0.8	0.9	0.8	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
	Yosemite	Quebec	1.401	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.5
	Quebec	Colorado	2.063	2.2	2.2	2.2	2.2	2.2	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	Colorado	University	1.030	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.0	1.1
	University	Broadway	1.489	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5
	Broadway	Lucent	1.181	1.3	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.2	1.2
	Lucent	Santa Fe	1.403	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.4	1.4	1.4	1.4
	Santa Fe	Platte Canyon	1.581	1.7	1.7	1.7	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
	Platte Canyon	Wadsworth	1.529	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	Wadsworth	Kipling	1.454	1.4	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	<b>Total</b>		<b>13.754</b>	<b>14.2</b>	<b>14.4</b>	<b>14.7</b>	<b>14.5</b>	<b>14.4</b>	<b>14.4</b>	<b>14.4</b>	<b>14.2</b>	<b>14.3</b>	<b>14.2</b>	<b>14.1</b>	<b>14.2</b>	<b>14.1</b>	<b>14.2</b>	
<b>WB C-470 - General Purpose Lanes</b>	I-25	Yosemite	0.622	0.6	1.0	2.1	1.4	1.4	2.3	1.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
	Yosemite	Quebec	1.401	1.4	2.5	6.7	6.7	6.7	6.5	3.0	1.4	1.4	1.4	1.4	1.4	1.4	1.4	
	Quebec	Colorado	2.063	2.1	3.3	5.8	7.3	7.2	5.9	3.3	2.2	2.1	2.1	2.0	2.1	2.1	2.1	
	Colorado	University	1.030	1.1	1.3	1.4	1.4	1.3	1.3	1.3	1.1	1.1	1.1	1.0	1.1	1.1	1.1	
	University	Broadway	1.489	1.5	1.7	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
	Broadway	Lucent	1.181	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
	Lucent	Santa Fe	1.403	1.4	1.5	1.5	1.5	1.4	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	
	Santa Fe	Platte Canyon	1.581	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.6	1.6	
	Platte Canyon	Wadsworth	1.529	1.5	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
	Wadsworth	Kipling	1.454	1.4	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	
	<b>Total</b>		<b>13.540</b>	<b>13.7</b>	<b>17.3</b>	<b>25.0</b>	<b>25.7</b>	<b>25.5</b>	<b>24.9</b>	<b>17.2</b>	<b>13.7</b>	<b>13.6</b>	<b>13.6</b>	<b>13.5</b>	<b>13.9</b>	<b>13.9</b>	<b>13.8</b>	
<b>WB C-470 - Travel Time Saving</b>	I-25	Yosemite	0.622	0.0	0.3	1.0	0.5	0.6	1.4	0.2	0.0	0.1	0.0	0.1	0.1	0.1	0.1	
	Yosemite	Quebec	1.401	0.0	1.1	5.3	5.3	5.3	5.1	1.6	-0.1	0.0	-0.1	-0.1	-0.1	0.0	-0.1	
	Quebec	Colorado	2.063	-0.1	1.1	3.6	5.1	5.1	3.8	1.1	0.0	-0.1	-0.1	-0.2	-0.1	-0.1	-0.1	
	Colorado	University	1.030	0.0	0.2	0.3	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	
	University	Broadway	1.489	-0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0	
	Broadway	Lucent	1.181	-0.1	0.0	0.0	-0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.0	-0.1	
	Lucent	Platte Canyon	1.403	0.0	0.1	0.1	0.1	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.0	
	Platte Canyon	Santa Fe	1.581	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.2	-0.1	-0.1	-0.1	-0.1	-0.1	
	Santa Fe	Wadsworth	1.529	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	
	Wadsworth	Kipling	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	<b>Total</b>		<b>13.540</b>	<b>-0.5</b>	<b>2.9</b>	<b>10.3</b>	<b>11.2</b>	<b>11.2</b>	<b>10.5</b>	<b>2.9</b>	<b>-0.5</b>	<b>-0.6</b>	<b>-0.6</b>	<b>-0.6</b>	<b>-0.3</b>	<b>-0.2</b>	<b>-0.4</b>	

**Table 2b**  
**Eastbound Travel Time**

Direction	From	To	Distance (mi)	Model Travel Time (mins)														
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00	
EB C-470 - Managed Lane	Kipling	Wadsworth	1.454	1.4	4.0	6.8	6.5	6.3	6.1	6.5	6.5	4.6	2.2	1.4	1.4	1.4	1.4	
	Wadsworth	Platte Canyon	1.530	1.5	2.8	3.3	3.3	3.1	3.1	3.3	3.3	4.8	2.0	1.5	1.6	1.6	1.5	
	Platte Canyon	Santa Fe	1.569	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	2.2	1.6	1.5	1.5	1.5	1.5	
	Santa Fe	Lucent	1.403	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.6	1.4	1.4	1.3	1.3	1.3	1.3	
	Lucent	Broadway	1.204	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.1	1.1	1.1	1.1	
	Broadway	University	1.473	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.4	1.4	1.4	1.4
	University	Colorado	1.026	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.0	1.0	1.0	1.0	1.0	
	Colorado	Quebec	2.068	2.0	2.0	2.0	2.0	2.0	2.1	10.1	3.6	4.4	2.3	2.0	1.9	1.9	1.9	
	Quebec	Yosemite	1.388	1.3	1.4	1.4	1.3	1.4	5.5	12.4	4.6	4.9	3.4	2.8	1.3	1.3	1.3	
	Yosemite	I-25	0.635	0.6	0.7	0.6	0.6	0.6	0.6	1.5	1.2	1.0	0.9	0.8	0.7	0.6	0.6	
	Total		13.749	13.2	17.2	20.6	20.2	19.9	24.8	39.9	26.0	26.9	17.3	14.7	13.1	13.1	13.1	
EB C-470 - General Purpose Lanes	Kipling	Wadsworth	1.454	1.4	4.0	6.8	6.5	6.3	6.1	6.5	6.5	4.6	2.2	1.4	1.4	1.4	1.4	
	Wadsworth	Platte Canyon	1.530	1.5	2.8	3.3	3.3	3.1	3.1	3.3	3.3	4.8	2.0	1.5	1.6	1.6	1.5	
	Platte Canyon	Santa Fe	1.569	1.6	1.6	1.6	1.6	1.6	1.6	1.6	3.0	7.3	2.2	1.5	1.6	1.6	1.6	
	Santa Fe	Lucent	1.403	1.5	1.7	3.1	1.6	1.5	1.5	2.0	15.7	10.2	5.7	1.7	1.5	1.5	1.5	
	Lucent	Broadway	1.204	1.3	2.1	4.1	3.0	1.6	1.4	2.6	13.6	4.4	4.0	1.3	1.3	1.3	1.3	
	Broadway	University	1.473	1.5	2.1	3.6	3.5	3.2	3.0	6.2	12.3	7.0	4.2	1.5	1.5	1.5	1.5	
	University	Colorado	1.026	1.0	1.3	1.8	1.9	1.9	1.9	7.5	5.9	5.2	2.1	1.2	1.1	1.1	1.1	
	Colorado	Quebec	2.068	2.1	2.2	2.2	2.2	2.1	3.3	19.0	7.3	7.7	3.2	2.5	2.1	2.1	2.1	
	Quebec	Yosemite	1.388	1.4	1.4	1.4	1.4	1.4	5.8	16.4	6.5	7.0	3.9	3.0	1.4	1.4	1.4	
	Yosemite	I-25	0.635	0.6	0.7	0.6	0.6	0.6	0.6	1.5	1.2	1.0	0.9	0.8	0.7	0.6	0.6	
	Total		13.749	14.0	19.9	28.6	25.6	23.4	29.3	66.4	75.0	59.2	30.3	16.3	14.0	14.0	14.0	
EB C-470 - Travel Time Saving	Kipling	Wadsworth	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Wadsworth	Platte Canyon	1.530	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Platte Canyon	Santa Fe	1.569	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.4	5.2	0.6	0.1	0.1	0.1	0.1	
	Santa Fe	Lucent	1.403	0.2	0.4	1.8	0.3	0.2	0.2	0.7	14.1	8.9	4.3	0.4	0.2	0.2	0.2	
	Lucent	Broadway	1.204	0.1	1.0	3.0	1.9	0.5	0.2	1.4	12.4	3.3	2.8	0.1	0.1	0.1	0.1	
	Broadway	University	1.473	0.1	0.7	2.2	2.0	1.8	1.6	4.8	10.8	5.5	2.8	0.1	0.1	0.1	0.1	
	University	Colorado	1.026	0.1	0.4	0.8	0.9	0.9	0.9	6.5	4.8	4.1	1.1	0.2	0.1	0.1	0.1	
	Colorado	Quebec	2.068	0.2	0.2	0.2	0.2	0.1	1.2	8.8	3.7	3.3	0.9	0.5	0.2	0.2	0.2	
	Quebec	Yosemite	1.388	0.0	0.1	0.1	0.0	0.0	0.2	4.1	1.8	2.1	0.6	0.3	0.1	0.1	0.1	
	Yosemite	I-25	0.635	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Total		13.749	0.8	2.8	8.0	5.4	3.6	4.5	26.5	49.1	32.3	13.0	1.6	0.9	0.9	0.9	









Table 5a  
Westbound Managed Lane Speed

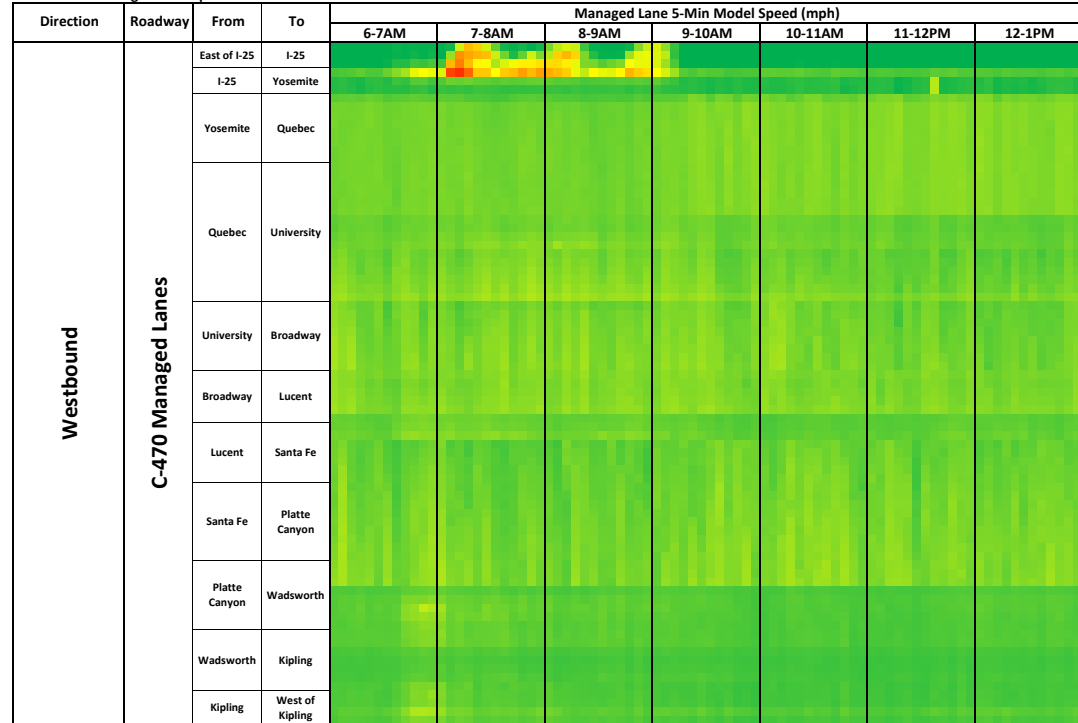


Table 5b  
Westbound General Purpose Lane Speed

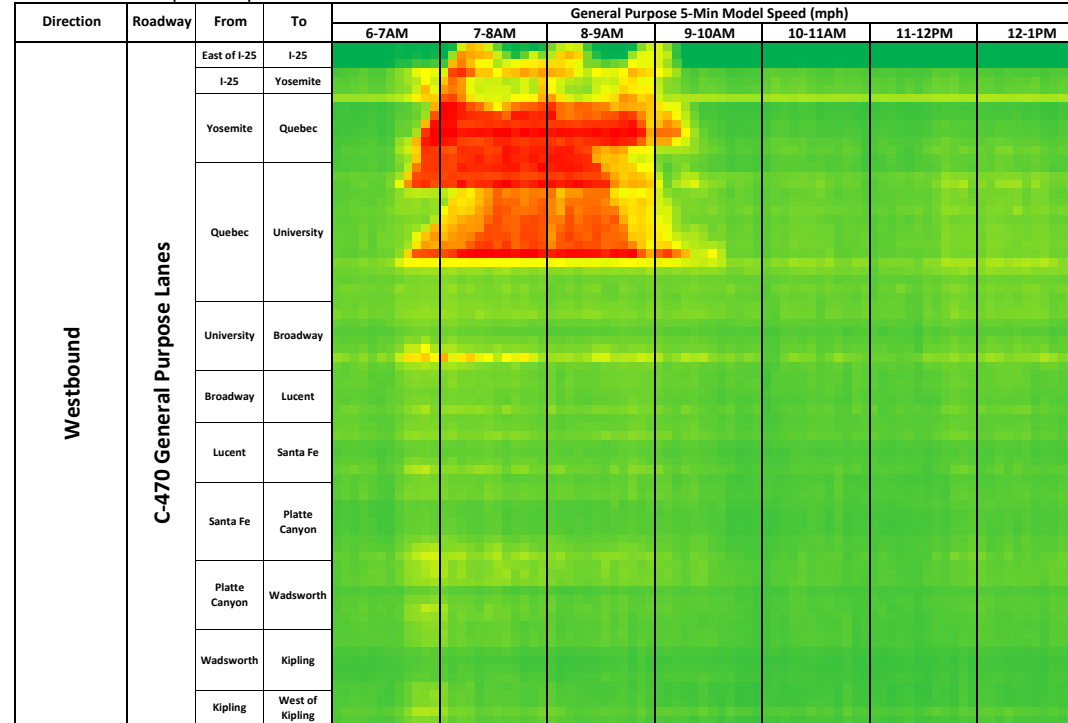


Table 5c  
Eastbound Managed Lane Speed

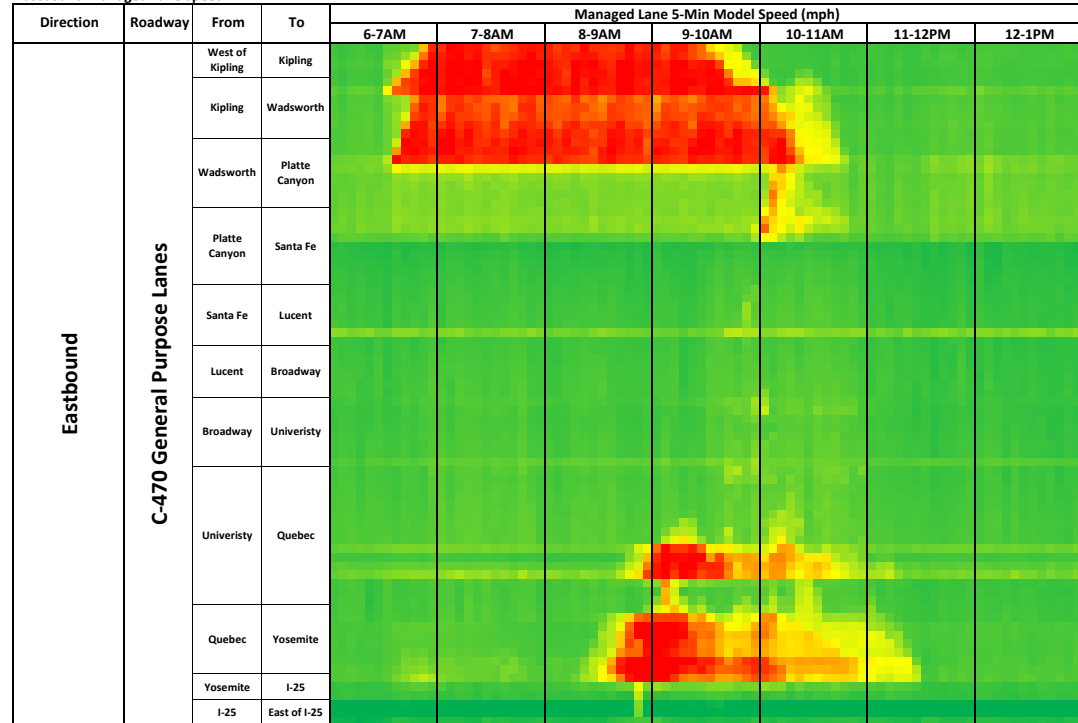


Table 5d  
Eastbound General Purpose Lane Speed

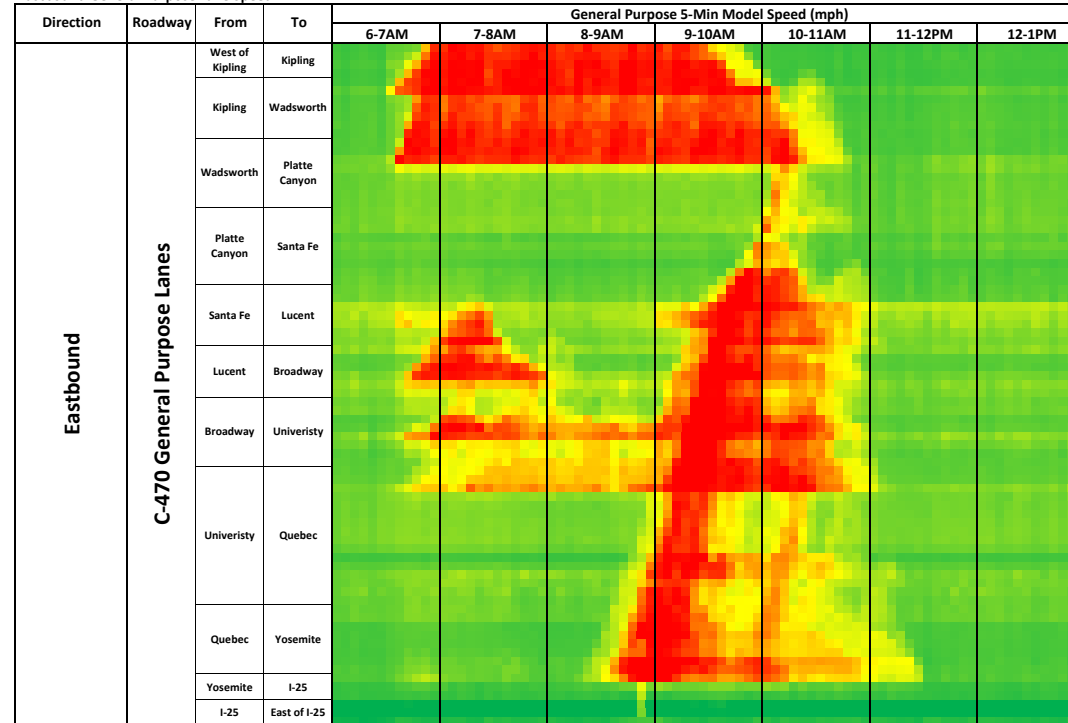


Table 5e  
NB I-25 Speed

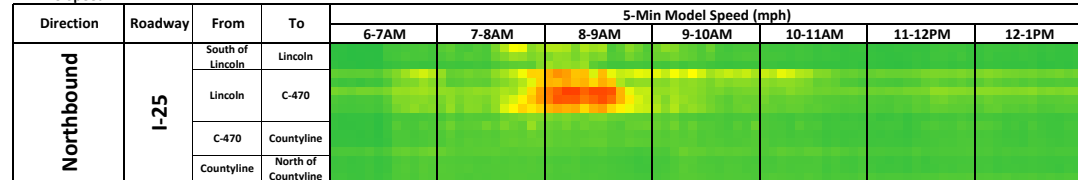


Table 5f  
SB I-25 Speed

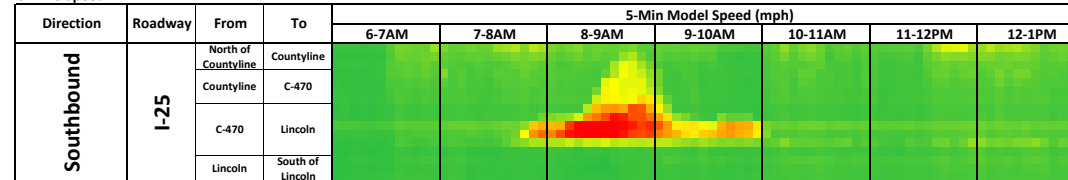


Table 6a  
Westbound Managed Lane Volume

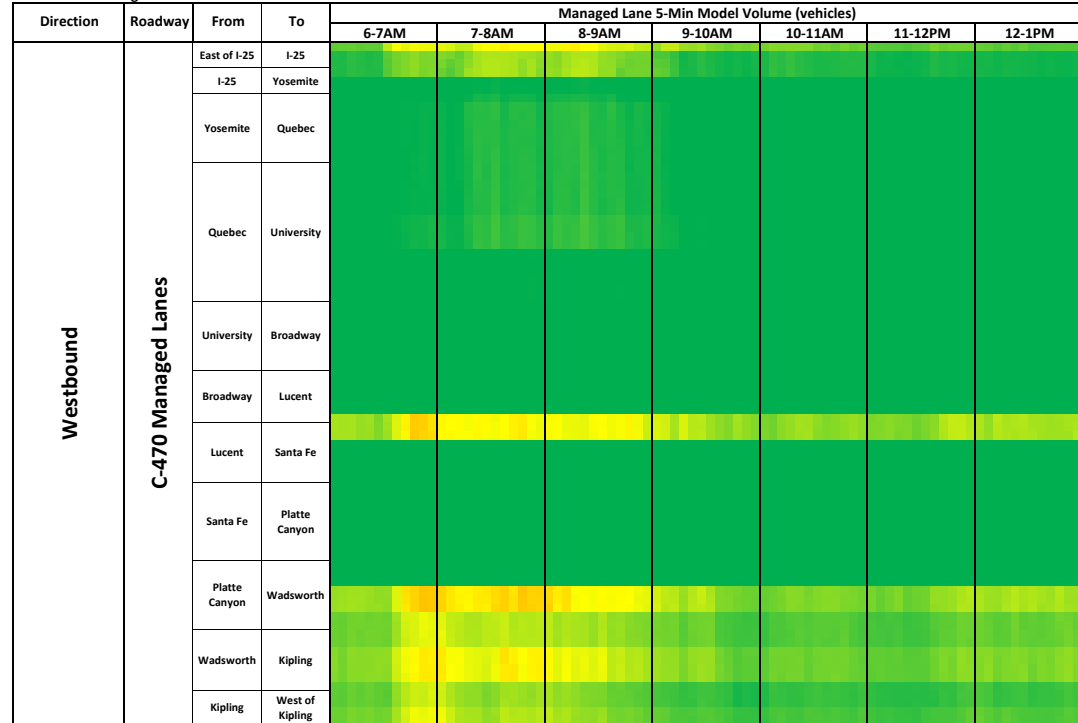


Table 6b  
Westbound General Purpose Lane Volume

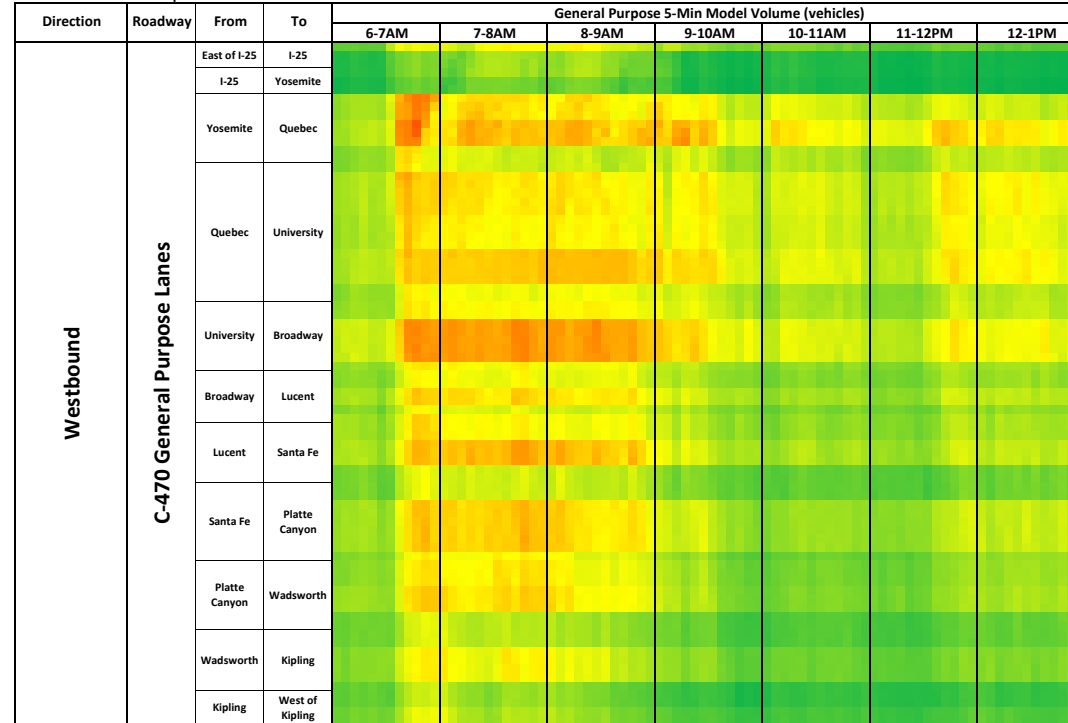


Table 6c  
Eastbound Managed Lane Volume

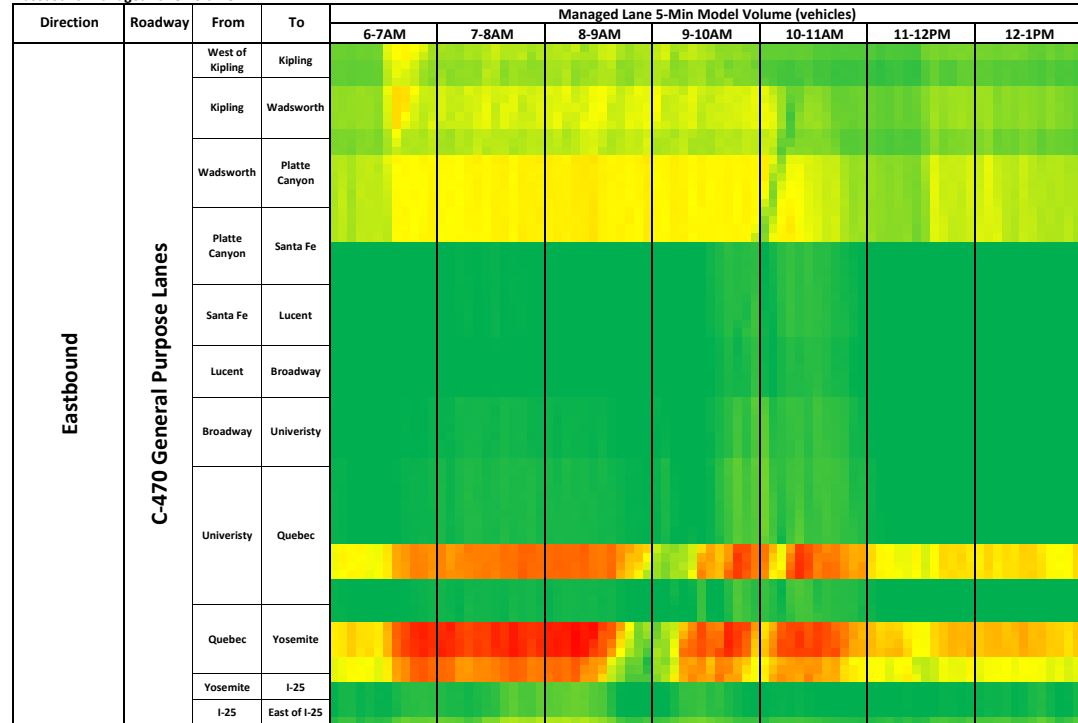


Table 6d  
Eastbound General Purpose Lane Volume

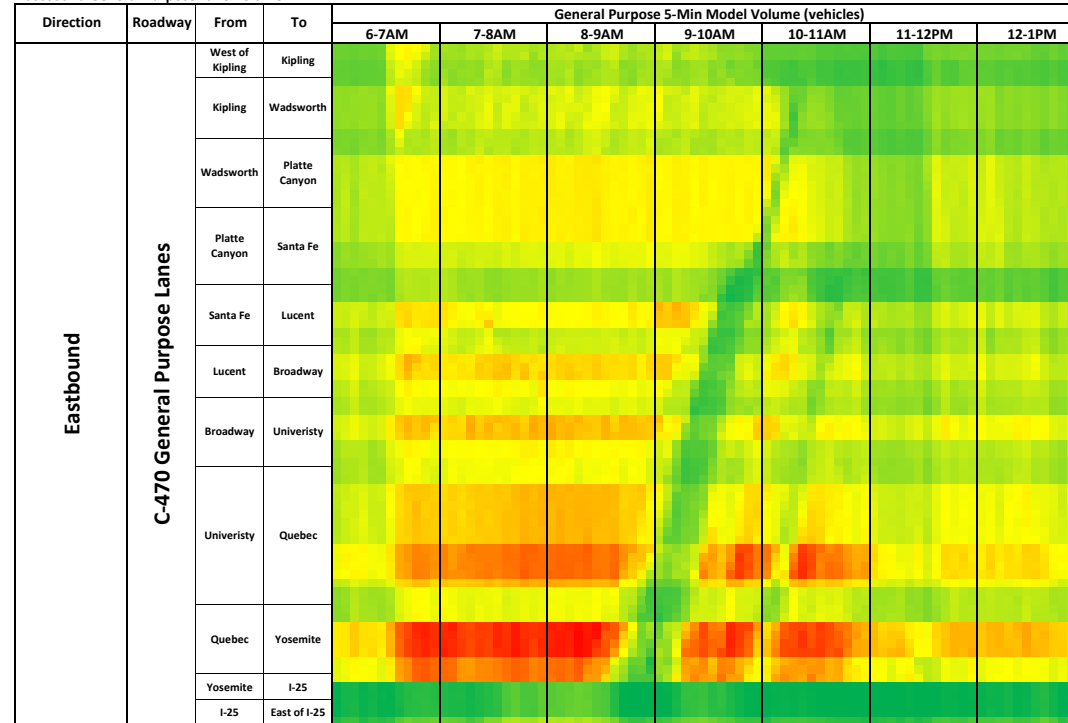


Table 6e  
NB I-25 Volume

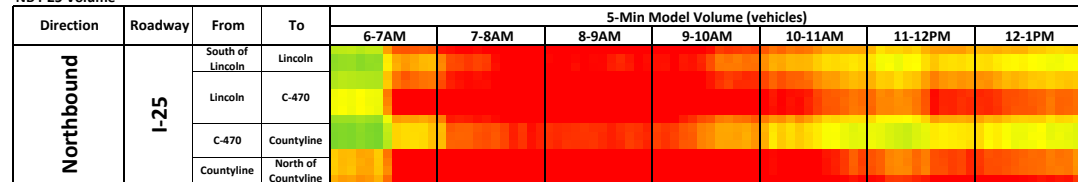
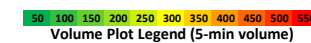
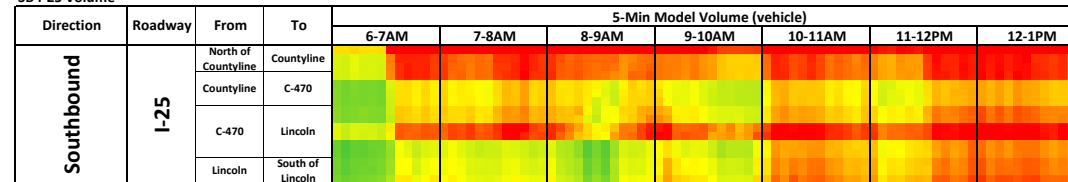


Table 6f  
SB I-25 Volume



## **Appendix C-4**

### **Option C Interim Dynamic Pricing 2025 PM**

**Table 1**  
**Network Summary**

Run#	Total VMT (veh-mi)	Total VHT (veh-hr)	Avg Spd (mph)	Avg Delay (s)	Latent Demand	Total Revenue (2013\$)
run1	1,662,088	54,672	30.40	212	16,244	\$55,339
run2	1,682,896	47,827	35.19	147	12,567	\$43,665
run3	1,679,629	49,781	33.74	165	13,688	\$44,642
run4	1,675,527	48,779	34.35	157	12,951	\$44,201
run5	1,672,713	50,231	33.30	170	14,184	\$46,548
run6						
run7						
run8						
run9						
run10						
Average	1,674,571	50,258	33.40	170	13,927	\$46,879

Revenue and Transaction by User Class

	Transponder	License Plate	Total
Revenue	\$27,886.35	\$18,992.35	\$46,878.70
Transaction	8,840	4,842	13,682
Avg Toll	\$3.15	\$3.92	\$3.43

Minimum Number of Runs Needed:

Mean	Speed (mph)	Revenue (\$)
	33.40	46,879
Standard Deviation	1.82	4853
Target Error %	1.0%	114
	2.5%	19
	3.5%	10
	5.0%	5
	10.0%	2

**Table 2a**  
**Westbound Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>WB C-470 - Managed Lane</b>	I-25	Yosemite	0.622	0.6	0.6	0.6	1.0	16.6	16.0	2.9	2.4	2.9	1.0	1.0	0.7	0.6	0.6
	Yosemite	Quebec	1.401	1.5	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.4	1.5	1.5
	Quebec	Colorado	2.063	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.1	2.1	2.2	2.2
	Colorado	University	1.030	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1
	University	Broadway	1.489	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6
	Broadway	Lucent	1.181	1.3	1.3	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.5	1.5	1.3	1.3
	Lucent	Santa Fe	1.403	1.5	1.5	1.6	1.4	1.4	1.4	1.5	1.5	1.5	1.6	1.7	1.5	1.4	1.5
	Santa Fe	Platte Canyon	1.581	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.7	1.7	1.6
	Platte Canyon	Wadsworth	1.529	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.7	1.6	1.6	1.6
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4
	Total		13.754	14.5	14.3	14.8	15.2	30.9	30.3	17.4	16.9	17.5	15.6	15.3	14.3	14.3	14.4
<b>WB C-470 - General Purpose Lanes</b>	I-25	Yosemite	0.622	0.6	0.6	0.9	13.2	37.4	50.2	39.1	30.5	31.1	7.9	4.8	2.0	0.8	0.6
	Yosemite	Quebec	1.401	1.4	1.9	5.2	10.3	11.5	12.2	12.7	13.4	12.4	5.1	4.0	4.7	5.5	1.8
	Quebec	Colorado	2.063	2.5	3.4	4.2	7.4	7.7	9.0	9.4	10.2	8.8	6.6	4.0	5.5	6.3	4.0
	Colorado	University	1.030	1.2	1.2	2.5	2.0	1.4	1.4	1.4	1.4	1.4	2.2	1.6	1.4	1.4	1.3
	University	Broadway	1.489	1.5	1.5	5.8	2.1	1.6	1.7	1.7	1.7	2.0	5.1	3.7	1.6	1.6	1.5
	Broadway	Lucent	1.181	1.2	1.2	6.0	1.7	1.3	1.3	1.3	1.3	4.2	5.3	4.3	1.3	1.2	1.2
	Lucent	Santa Fe	1.403	1.4	8.9	5.4	1.8	1.6	1.6	1.6	3.2	6.4	5.5	4.2	1.5	1.4	1.4
	Santa Fe	Platte Canyon	1.581	2.1	10.6	3.2	2.4	2.4	3.1	3.8	5.2	5.3	4.8	4.4	3.3	1.7	1.6
	Platte Canyon	Wadsworth	1.529	1.5	1.6	1.6	1.7	1.8	1.8	1.9	1.9	2.0	2.0	1.8	1.6	1.5	1.5
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4
	Total		13.540	14.9	32.4	36.3	44.1	68.1	83.8	74.4	70.3	75.3	45.9	34.2	24.3	22.9	16.2
<b>WB C-470 - Travel Time Saving</b>	I-25	Yosemite	0.622	0.0	0.1	0.4	12.2	20.7	34.2	36.1	28.1	28.2	6.9	3.7	1.3	0.2	0.0
	Yosemite	Quebec	1.401	0.0	0.4	3.7	8.8	9.9	10.6	11.2	11.8	10.9	3.7	2.7	3.3	4.1	0.3
	Quebec	Colorado	2.063	0.2	1.2	1.9	5.2	5.4	6.7	7.1	7.9	6.5	4.4	1.8	3.4	4.1	1.8
	Colorado	University	1.030	0.1	0.1	1.4	0.9	0.3	0.3	0.2	0.2	0.2	1.0	0.5	0.3	0.3	0.2
	University	Broadway	1.489	-0.1	0.0	4.2	0.5	0.0	0.0	0.1	0.0	0.4	3.4	2.1	0.0	0.0	-0.1
	Broadway	Lucent	1.181	-0.1	-0.1	4.6	0.4	0.0	0.0	0.0	0.0	2.8	3.8	2.7	0.0	-0.1	-0.1
	Lucent	Platte Canyon	1.403	0.0	7.5	3.8	0.3	0.1	0.2	0.1	1.7	4.9	3.9	2.5	0.1	0.0	-0.1
	Platte Canyon	Santa Fe	1.581	0.4	8.9	1.5	0.7	0.7	1.4	2.1	3.4	3.5	3.0	2.7	1.6	0.1	-0.1
	Santa Fe	Wadsworth	1.529	-0.1	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.0	0.0	-0.1
	Wadsworth	Kipling	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total		13.540	0.4	18.1	21.4	28.9	37.2	53.5	57.1	53.5	57.8	30.2	18.9	10.0	8.6	1.9



**Table 2b**  
**Eastbound Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>EB C-470 - Managed Lane</b>	Kipling	Wadsworth	1.454	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.4	1.5	1.5	1.5	1.4	1.4	1.4
	Wadsworth	Platte Canyon	1.530	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.6	1.5
	Platte Canyon	Santa Fe	1.569	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Santa Fe	Lucent	1.403	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Lucent	Broadway	1.204	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	Broadway	University	1.473	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	University	Colorado	1.026	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Colorado	Quebec	2.068	2.0	1.9	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	2.0	2.0	1.9	1.9
	Quebec	Yosemite	1.388	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>13.1</b>	<b>13.0</b>	<b>13.1</b>	<b>13.1</b>	<b>13.3</b>	<b>13.4</b>	<b>13.2</b>	<b>13.1</b>	<b>13.2</b>	<b>13.3</b>	<b>13.3</b>	<b>13.3</b>	<b>12.9</b>	<b>12.8</b>
<b>EB C-470 - General Purpose Lanes</b>	Kipling	Wadsworth	1.454	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.4	1.5	1.5	1.5	1.4	1.4	1.4
	Wadsworth	Platte Canyon	1.530	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.6	1.5
	Platte Canyon	Santa Fe	1.569	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5
	Santa Fe	Lucent	1.403	1.4	1.4	1.4	1.5	1.6	1.6	1.5	1.5	1.4	1.5	1.6	1.5	1.4	1.4
	Lucent	Broadway	1.204	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.2	1.2	1.2	1.3	1.3	1.2	1.2
	Broadway	University	1.473	1.5	1.5	1.5	1.5	1.7	1.7	1.6	1.5	1.5	1.5	1.8	1.7	1.5	1.4
	University	Colorado	1.026	1.1	1.1	1.0	1.1	1.1	1.5	1.3	1.1	1.0	1.0	1.2	1.2	1.0	1.0
	Colorado	Quebec	2.068	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.1	2.2	2.2	2.1	2.0
	Quebec	Yosemite	1.388	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.4	1.4	1.4	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>13.8</b>	<b>13.7</b>	<b>13.8</b>	<b>13.9</b>	<b>14.5</b>	<b>15.0</b>	<b>14.4</b>	<b>13.9</b>	<b>13.9</b>	<b>14.0</b>	<b>14.8</b>	<b>14.5</b>	<b>13.6</b>	<b>13.1</b>
<b>EB C-470 - Travel Time Saving</b>	Kipling	Wadsworth	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Wadsworth	Platte Canyon	1.530	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Platte Canyon	Santa Fe	1.569	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
	Santa Fe	Lucent	1.403	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.2	0.3	0.2	0.1	0.1
	Lucent	Broadway	1.204	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.0
	Broadway	University	1.473	0.1	0.1	0.1	0.1	0.3	0.3	0.2	0.1	0.1	0.1	0.4	0.3	0.1	0.0
	University	Colorado	1.026	0.1	0.1	0.1	0.1	0.1	0.1	0.5	0.3	0.1	0.1	0.1	0.2	0.2	0.1
	Colorado	Quebec	2.068	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2
	Quebec	Yosemite	1.388	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1
	Yosemite	I-25	0.635	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>Total</b>		<b>13.749</b>	<b>0.7</b>	<b>0.8</b>	<b>0.7</b>	<b>0.8</b>	<b>1.2</b>	<b>1.6</b>	<b>1.2</b>	<b>0.8</b>	<b>0.7</b>	<b>0.7</b>	<b>1.5</b>	<b>1.2</b>	<b>0.6</b>	<b>0.3</b>

**Table 2c**  
**I-25 Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>NB I-25</b>	Lincoln	C-470	1.323	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2
	C-470	Countyline	0.761	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
	Total		2.084	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0
<b>SB I-25</b>	Countyline	C-470	0.761	0.8	0.8	0.8	0.8	1.0	1.0	0.9	1.0	0.9	0.9	1.0	0.9	0.9	0.8
	C-470	Lincoln	1.323	1.3	1.3	1.3	1.3	1.5	1.5	1.9	2.1	1.4	1.5	1.8	1.4	1.4	1.3
	Total		2.084	2.1	2.1	2.1	2.1	2.5	2.5	2.9	3.1	2.3	2.4	2.8	2.3	2.3	2.1

**Table 2d**  
**NB/SB I-25 Ramp to C-470 WB Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>NB I-25 - General Purpose</b>	Lincoln	Yosemite	1.963	2.3	2.3	2.5	4.3	9.6	15.2	17.7	13.0	10.3	3.4	2.8	2.4	2.4	2.2
	Yosemite	Quebec	1.402	1.4	1.9	5.2	10.3	11.5	12.2	12.7	13.4	12.4	5.1	4.0	4.7	5.5	1.8
	Total		3.365	3.7	4.2	7.7	14.6	21.1	27.4	30.4	26.4	22.7	8.5	6.8	7.2	7.9	4.0
<b>NB I-25 - Managed Lane</b>	Lincoln	Yosemite	1.967	2.3	2.3	2.3	2.4	6.8	11.7	12.9	8.3	5.6	2.5	2.5	2.3	2.3	2.2
	Yosemite	Quebec	1.398	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	Total		3.364	3.8	3.8	3.9	3.9	8.4	13.3	14.4	9.9	7.2	4.1	4.1	3.8	3.8	3.8
<b>SB I-25 - General Purpose</b>	Countyline	Yosemite	1.142	1.3	1.3	1.5	4.2	9.1	10.3	10.9	9.0	9.0	3.3	1.9	1.5	1.5	1.2
	Yosemite	Quebec	1.402	1.4	1.9	5.2	10.3	11.5	12.2	12.7	13.4	12.4	5.1	4.0	4.7	5.5	1.8
	Total		2.544	2.7	3.2	6.7	14.5	20.6	22.5	23.7	22.3	21.4	8.4	5.9	6.2	7.0	3.0
<b>SB I-25 - Managed Lane</b>	Countyline	Yosemite	1.187	1.3	1.3	1.3	1.3	1.5	1.5	1.5	1.8	1.6	1.4	1.5	1.4	1.4	1.3
	Yosemite	Quebec	1.398	1.5	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.4	1.5	1.5
	Total		2.585	2.8	2.8	2.8	2.8	3.1	3.0	3.0	3.3	3.1	2.8	2.8	2.8	2.8	2.8





Table 5a  
Westbound Managed Lane Speed

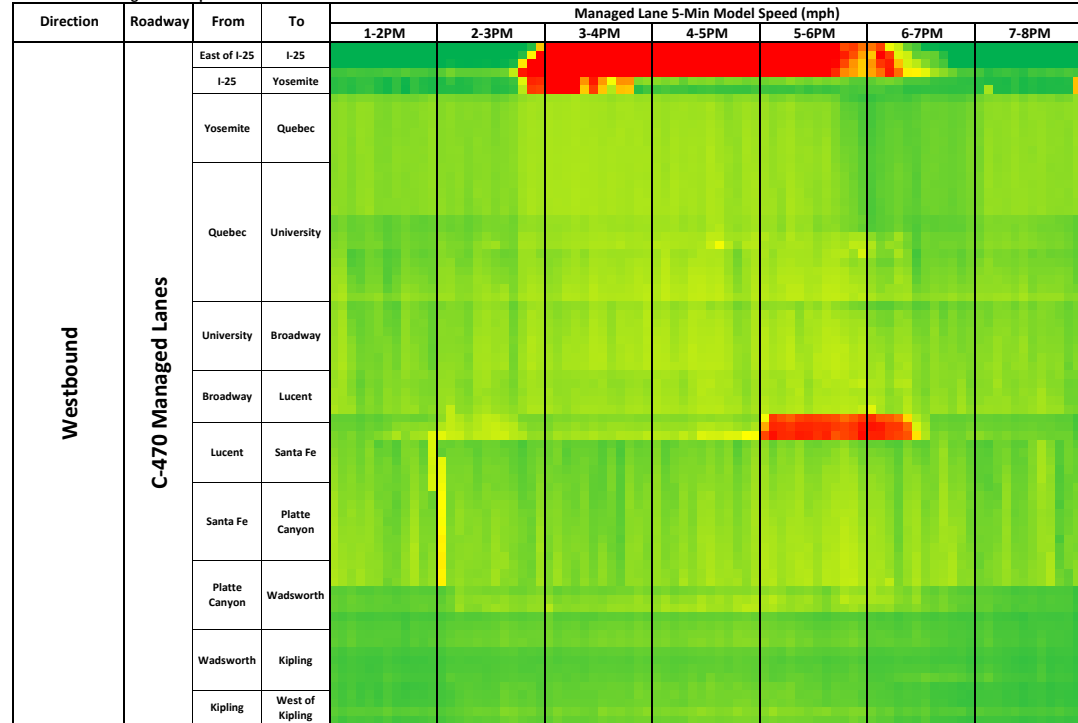


Table 5b  
Westbound General Purpose Lane Speed

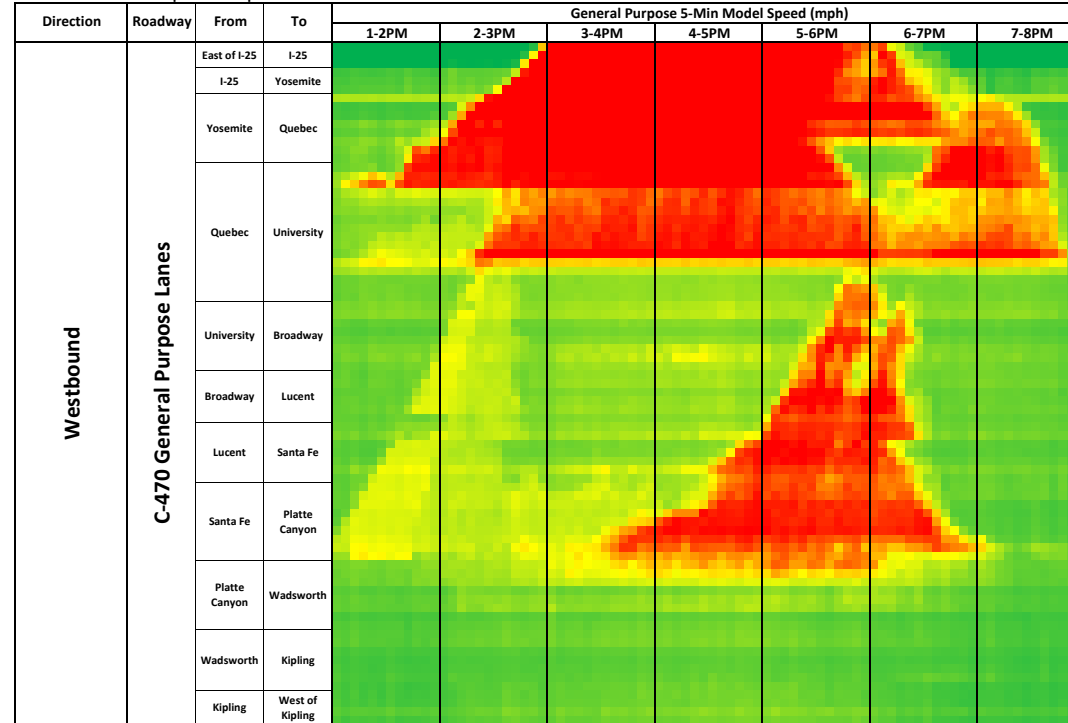


Table 5c  
Eastbound Managed Lane Speed

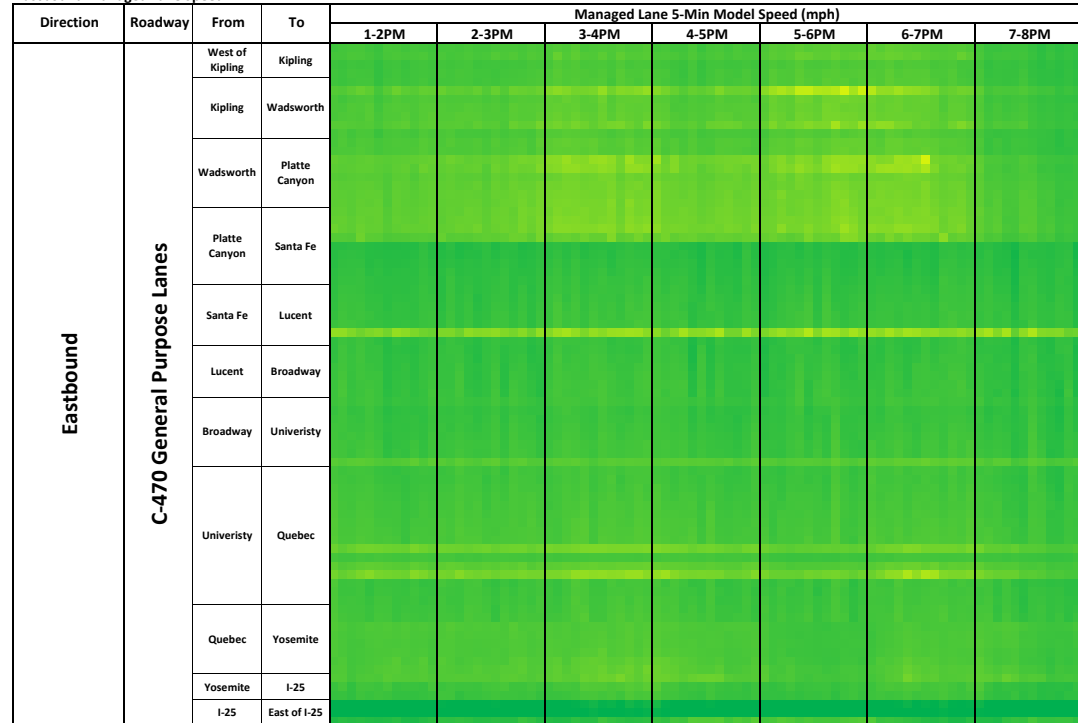


Table 5d  
Eastbound General Purpose Lane Speed

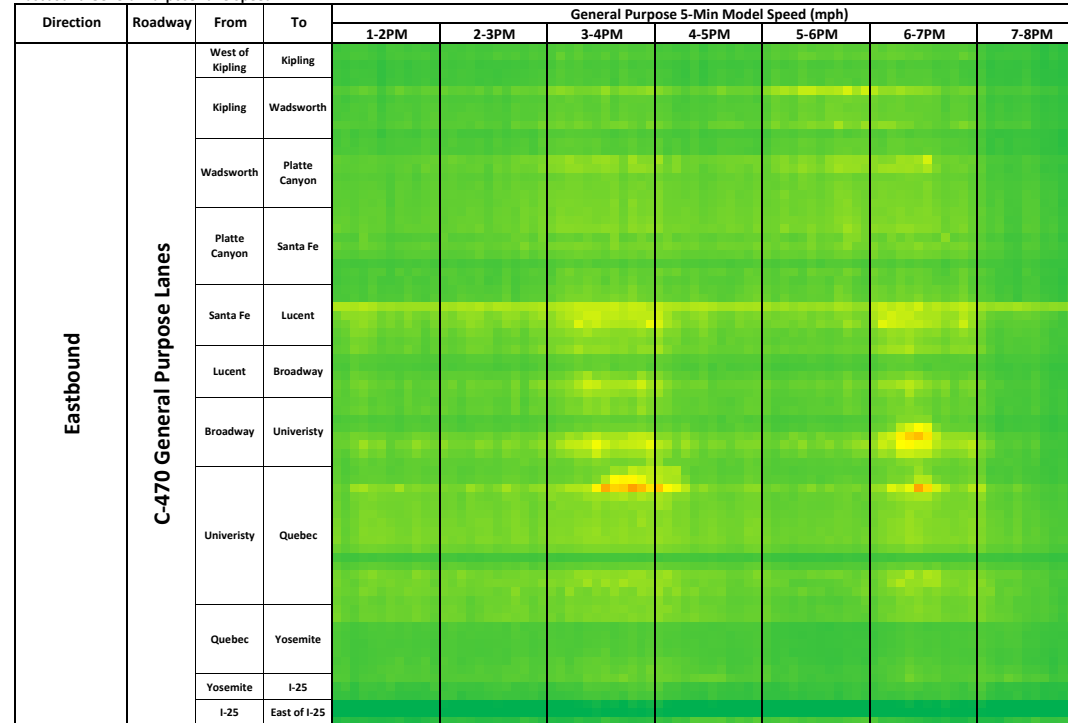


Table 5e  
NB I-25 Speed

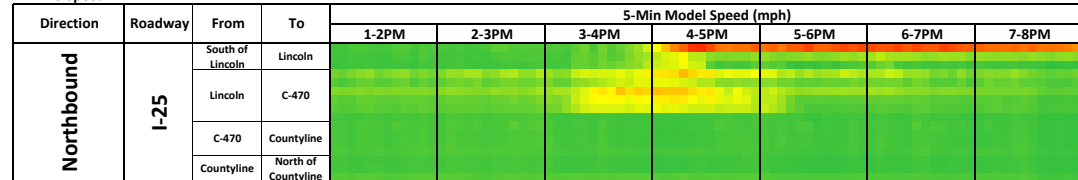


Table 5f  
SB I-25 Speed

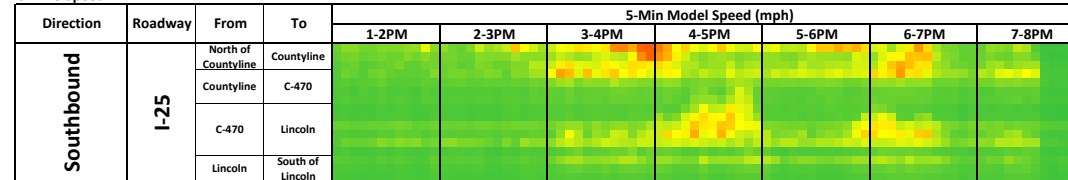


Table 6a  
Westbound Managed Lane Volume

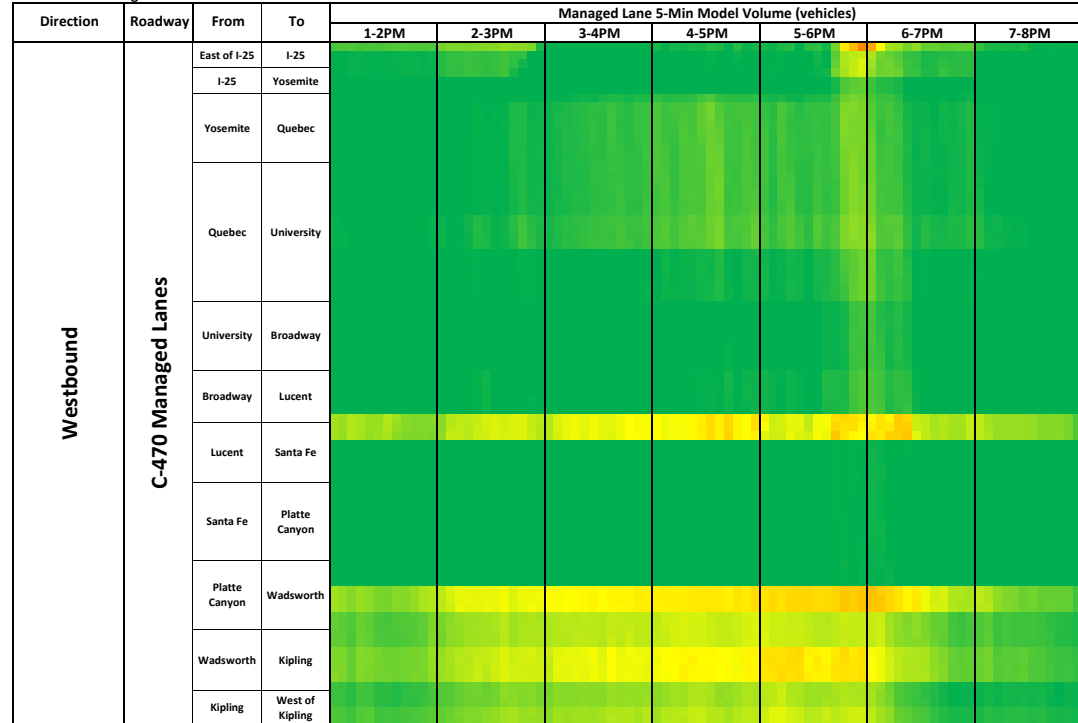


Table 6b  
Westbound General Purpose Lane Volume

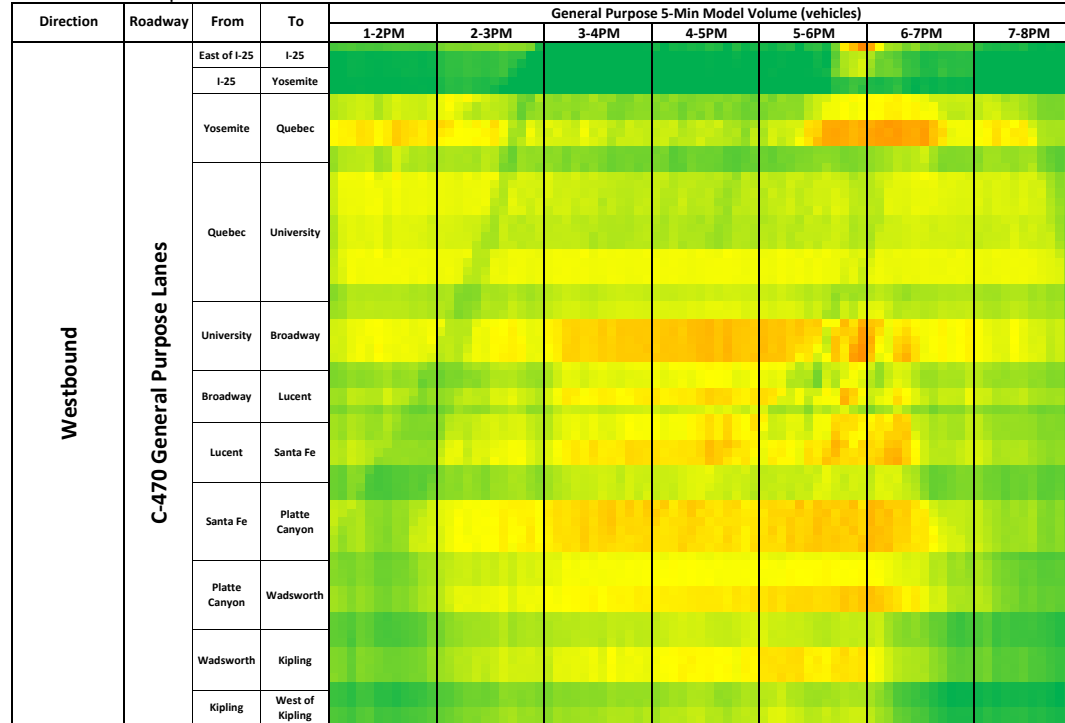


Table 6c  
Eastbound Managed Lane Volume

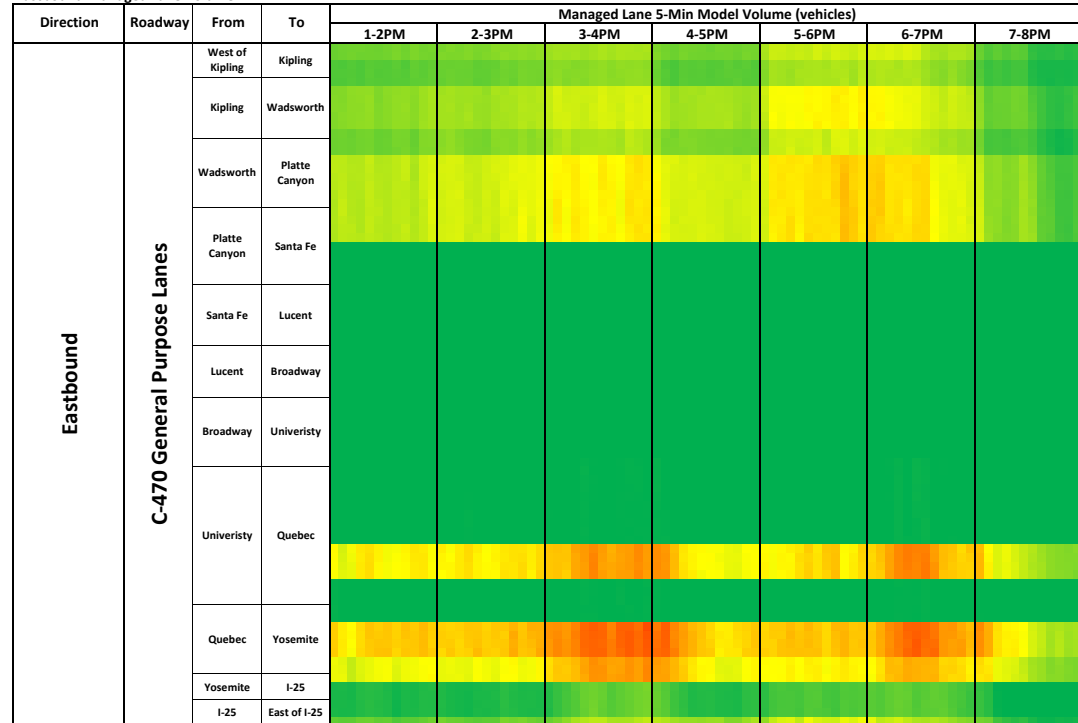


Table 6d  
Eastbound General Purpose Lane Volume

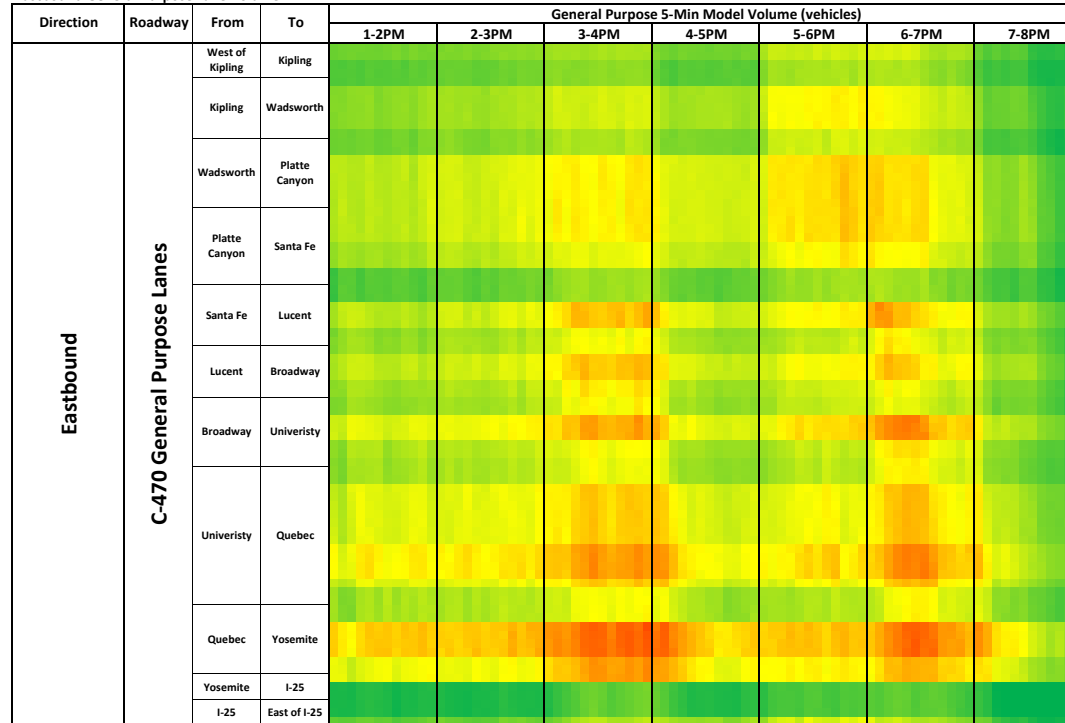


Table 6e  
NB I-25 Volume

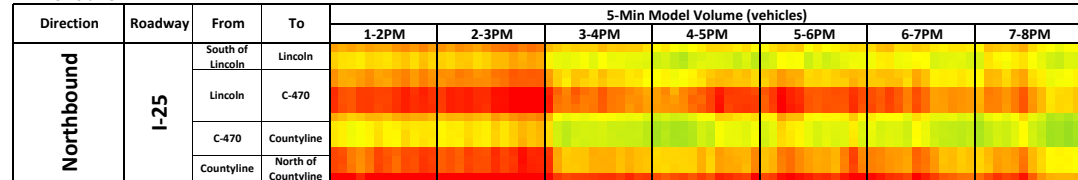
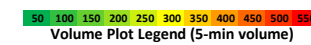
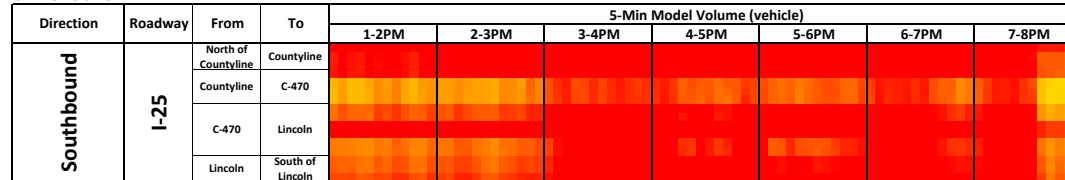


Table 6f  
SB I-25 Volume



## **Appendix C-5**

### **Option C Interim Dynamic Pricing 2035 AM**

**Table 1**  
**Network Summary**

Run#	Total VMT (veh-mi)	Total VHT (veh-hr)	Avg Spd (mph)	Avg Delay (s)	Latent Demand	Total Revenue (2013\$)
run1	1,691,216	68,207	24.80	343	18,854	\$37,725
run2	1,728,903	55,767	31.00	220	12,668	\$32,205
run3	1,725,409	58,135	29.68	243	14,454	\$38,646
run4	1,656,253	74,943	22.10	417	26,117	\$44,463
run5	1,684,219	70,287	23.96	365	21,706	\$47,663
run6						
run7						
run8						
run9						
run10						
Average	1,697,200	65,468	26.31	318	18,760	\$40,140

Revenue and Transaction by User Class

	Transponder	License Plate	Total
Revenue	\$27,960.85	\$12,179.60	\$40,140.45
Transaction	10,618	3,487	14,105
Avg Toll	\$2.63	\$3.49	\$2.85

Minimum Number of Runs Needed:

	Mean	Speed (mph)	Revenue (\$)
		26.31	40,140
Standard Deviation		3.84	6048
Target Error %	1.0%	818	873
	2.5%	131	140
	3.5%	67	72
	5.0%	33	35
	10.0%	9	9



**Table 2a**  
**Westbound Travel Time**

Direction	From	To	Distance (mi)	Model Travel Time (mins)													
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00
<b>WB C-470 - Managed Lane</b>	I-25	Yosemite	0.622	0.6	0.9	1.3	1.1	1.2	1.2	1.3	0.8	0.8	0.7	0.6	0.6	0.6	0.6
	Yosemite	Quebec	1.401	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5
	Quebec	Colorado	2.063	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	Colorado	University	1.030	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	University	Broadway	1.489	1.6	1.6	1.6	1.5	1.6	1.5	1.6	1.5	1.6	1.6	1.6	1.5	1.5	1.5
	Broadway	Lucent	1.181	1.3	1.2	1.2	1.2	1.3	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.2
	Lucent	Santa Fe	1.403	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.4	1.4	1.5	1.4
	Santa Fe	Platte Canyon	1.581	1.7	1.6	1.7	1.6	1.7	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7
	Platte Canyon	Wadsworth	1.529	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	Wadsworth	Kipling	1.454	1.4	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	<b>Total</b>		<b>13.754</b>	<b>14.1</b>	<b>14.5</b>	<b>14.9</b>	<b>14.3</b>	<b>14.6</b>	<b>14.4</b>	<b>14.7</b>	<b>14.4</b>	<b>14.5</b>	<b>14.3</b>	<b>14.2</b>	<b>14.2</b>	<b>14.2</b>	
<b>WB C-470 - General Purpose Lanes</b>	I-25	Yosemite	0.622	0.6	1.1	1.8	1.0	1.1	1.2	1.3	0.8	0.8	0.7	0.6	0.6	0.6	0.6
	Yosemite	Quebec	1.401	1.4	2.5	5.7	3.1	2.4	2.4	1.8	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	Quebec	Colorado	2.063	2.1	3.2	5.3	6.8	6.4	3.8	2.2	2.4	2.1	2.4	2.1	2.2	2.2	2.2
	Colorado	University	1.030	1.1	1.3	1.4	1.4	1.3	1.3	1.1	1.2	1.1	1.4	1.1	1.2	1.1	1.1
	University	Broadway	1.489	1.5	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6
	Broadway	Lucent	1.181	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	Lucent	Santa Fe	1.403	1.4	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	Santa Fe	Platte Canyon	1.581	1.5	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6
	Platte Canyon	Wadsworth	1.529	1.5	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.5
	Wadsworth	Kipling	1.454	1.4	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	<b>Total</b>		<b>13.540</b>	<b>13.7</b>	<b>17.3</b>	<b>23.3</b>	<b>21.3</b>	<b>19.9</b>	<b>17.4</b>	<b>15.0</b>	<b>14.2</b>	<b>13.8</b>	<b>14.3</b>	<b>13.6</b>	<b>14.2</b>	<b>14.1</b>	
<b>WB C-470 - Travel Time Saving</b>	I-25	Yosemite	0.622	0.0	0.2	0.5	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
	Yosemite	Quebec	1.401	0.0	1.1	4.3	1.7	1.0	1.0	0.4	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
	Quebec	Colorado	2.063	0.0	1.0	3.2	4.7	4.3	1.7	0.1	0.2	-0.1	0.2	-0.1	0.0	0.0	0.0
	Colorado	University	1.030	0.0	0.2	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.3	0.0	0.1	0.1	0.1
	University	Broadway	1.489	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0
	Broadway	Lucent	1.181	-0.1	0.0	0.0	0.0	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.0	0.0
	Lucent	Platte Canyon	1.403	0.0	0.1	0.1	0.1	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.0
	Platte Canyon	Santa Fe	1.581	-0.1	0.0	0.0	0.0	-0.1	0.0	-0.1	-0.2	-0.2	-0.1	-0.1	-0.1	-0.1	-0.1
	Santa Fe	Wadsworth	1.529	-0.1	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
	Wadsworth	Kipling	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>Total</b>		<b>13.540</b>	<b>-0.4</b>	<b>2.7</b>	<b>8.4</b>	<b>6.9</b>	<b>5.3</b>	<b>2.9</b>	<b>0.3</b>	<b>-0.2</b>	<b>-0.7</b>	<b>0.0</b>	<b>-0.6</b>	<b>0.0</b>	<b>-0.1</b>	

**Table 2b**  
**Eastbound Travel Time**

Direction	From	To	Distance (mi)	Model Travel Time (mins)														
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:30	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00	
EB C-470 - Managed Lane	Kipling	Wadsworth	1.454	1.4	4.0	7.2	6.7	6.5	6.7	7.1	7.4	13.3	20.1	16.5	9.6	5.3	4.5	
	Wadsworth	Platte Canyon	1.530	1.6	2.9	3.5	3.3	3.1	3.3	3.5	3.5	14.8	16.6	13.8	4.8	2.7	2.7	
	Platte Canyon	Santa Fe	1.569	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.9	10.6	4.4	3.9	2.4	1.6	1.5	
	Santa Fe	Lucent	1.403	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.6	1.6	1.4	1.3	1.3	
	Lucent	Broadway	1.204	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.8	1.5	1.2	1.1	1.1	
	Broadway	University	1.473	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	4.5	1.8	1.5	1.4	1.4
	University	Colorado	1.026	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.4	1.7	3.3	1.3	1.0	1.0	1.0	
	Colorado	Quebec	2.068	2.0	2.0	2.0	2.0	2.0	2.0	2.2	15.4	10.7	14.1	7.6	2.6	2.0	2.0	2.0
	Quebec	Yosemite	1.388	1.3	1.4	1.3	1.4	1.4	1.4	5.9	19.6	13.0	18.9	5.4	3.5	1.5	1.3	1.3
	Yosemite	I-25	0.635	0.6	0.7	0.6	0.6	0.6	0.6	1.5	1.3	1.5	2.2	0.9	0.8	0.7	0.6	0.6
	Total		13.749	13.2	17.4	21.1	20.5	20.1	25.9	53.2	44.4	79.6	66.2	47.3	26.0	18.4	17.5	
EB C-470 - General Purpose Lanes	Kipling	Wadsworth	1.454	1.4	4.0	7.2	6.7	6.5	6.7	7.1	7.4	13.3	20.1	16.5	9.6	5.3	4.5	
	Wadsworth	Platte Canyon	1.530	1.6	2.9	3.5	3.3	3.1	3.3	3.5	3.5	14.8	16.6	13.8	4.8	2.7	2.7	
	Platte Canyon	Santa Fe	1.569	1.6	1.6	1.6	1.6	1.6	1.6	1.6	5.9	19.5	23.3	23.0	2.3	1.6	1.6	
	Santa Fe	Lucent	1.403	1.5	1.8	2.9	1.8	1.5	1.5	2.3	21.6	25.8	33.7	19.7	2.1	1.6	1.5	
	Lucent	Broadway	1.204	1.3	2.5	4.1	3.1	1.9	1.4	3.8	22.0	18.8	22.9	6.6	1.8	1.5	1.3	
	Broadway	University	1.473	1.5	2.1	3.5	3.2	3.7	2.4	7.0	20.5	19.0	23.3	5.1	2.2	1.7	1.6	
	University	Colorado	1.026	1.0	1.2	1.6	1.9	2.2	2.2	8.7	12.3	11.8	11.1	2.0	1.4	1.1	1.1	
	Colorado	Quebec	2.068	2.1	2.2	2.2	2.2	2.1	2.8	22.7	19.6	32.1	14.2	3.1	2.2	2.2	2.1	
	Quebec	Yosemite	1.388	1.3	1.4	1.4	1.4	1.4	5.9	22.8	18.1	29.7	9.3	4.1	1.6	1.4	1.4	
	Yosemite	I-25	0.635	0.6	0.7	0.6	0.6	0.6	1.5	1.3	1.5	2.2	0.9	0.8	0.7	0.6	0.6	
	Total		13.749	14.0	20.4	28.5	25.8	24.7	29.3	80.8	132.2	187.1	175.2	94.7	28.7	19.7	18.3	
EB C-470 - Travel Time Saving	Kipling	Wadsworth	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Wadsworth	Platte Canyon	1.530	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Platte Canyon	Santa Fe	1.569	0.1	0.1	0.1	0.1	0.1	0.1	0.1	4.0	9.0	18.8	19.1	-0.1	0.1	0.1	
	Santa Fe	Lucent	1.403	0.2	0.4	1.5	0.4	0.2	0.2	1.0	20.2	24.4	32.1	18.1	0.8	0.3	0.2	
	Lucent	Broadway	1.204	0.2	1.3	2.9	2.0	0.7	0.3	2.7	20.8	17.6	21.1	5.1	0.6	0.3	0.1	
	Broadway	University	1.473	0.1	0.7	2.0	1.7	2.3	1.0	5.6	19.0	17.5	18.8	3.3	0.8	0.2	0.1	
	University	Colorado	1.026	0.1	0.2	0.6	0.9	1.2	1.2	7.7	9.9	10.1	7.8	0.7	0.3	0.1	0.1	
	Colorado	Quebec	2.068	0.1	0.2	0.2	0.2	0.1	0.6	7.3	8.9	18.0	6.6	0.5	0.2	0.2	0.2	
	Quebec	Yosemite	1.388	0.0	0.1	0.1	0.0	0.0	0.0	3.2	5.1	10.9	3.9	0.6	0.1	0.1	0.0	
	Yosemite	I-25	0.635	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Total		13.749	0.8	3.0	7.5	5.3	4.6	3.4	27.6	87.9	107.5	109.0	47.4	2.6	1.2	0.8	

**Table 2c**  
**I-25 Travel Time**

Direction	From	To	Distance (mi)	Model Travel Time (mins)													
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:30	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00
NB I-25	Lincoln	C-470	1.323	1.2	1.3	1.3	2.3	2.9	2.9	2.5	2.2	1.4	1.3	1.3	1.3	1.3	1.3
	C-470	Countyline	0.761	0.7	0.7	0.7	0.8	0.8	0.7	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7
	Total		2.084	1.9	2.0	2.1	3.1	3.7	3.6	3.2	3.0	2.1	2.0	2.0	2.0	2.0	2.0
SB I-25	Countyline	C-470	0.761	0.7	0.8	0.7	0.8	0.8	2.5	1.6	1.1	0.8	0.7	0.7	0.8	0.8	0.8
	C-470	Lincoln	1.323	1.2	1.3	1.3	1.4	2.8	5.9	3.0	4.2	2.6	1.3	1.3	1.3	1.3	1.3
	Total		2.084	1.9	2.1	2.0	2.2	3.5	8.4	4.6	5.3	3.5	2.0	2.0	2.1	2.2	2.2

**Table 2d**  
**NB/SB I-25 Ramp to C-470 WB Travel Time**

Direction	From	To	Distance (mi)	Model Travel Time (mins)													
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:30	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00
NB I-25 - General Purpose	Lincoln	Yosemite	1.963	2.2	2.4	2.5	3.7	5.5	5.3	5.1	4.5	2.6	2.2	2.2	2.3	2.3	2.2
	Yosemite	Quebec	1.402	1.4	2.5	5.7	3.1	2.4	2.4	1.8	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	Total		3.365	3.5	4.9	8.2	6.8	7.9	7.7	6.9	5.9	4.0	3.6	3.5	3.7	3.7	3.7
NB I-25 - Managed Lane	Lincoln	Yosemite	1.967	2.1	2.3	2.3	3.7	5.4	5.2	5.0	4.4	2.5	2.2	2.2	2.2	2.3	2.2
	Yosemite	Quebec	1.398	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	Total		3.364	3.7	3.9	3.8	5.3	7.0	6.8	6.6	6.0	4.1	3.8	3.7	3.8	3.8	3.8
SB I-25 - General Purpose	Countyline	Yosemite	1.142	1.2	1.3	1.5	1.2	1.2	1.3	1.4	1.2	1.2	1.2	1.2	1.3	1.3	1.2
	Yosemite	Quebec	1.402	1.4	2.5	5.7	3.1	2.4	2.4	1.8	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	Total		2.544	2.6	3.8	7.1	4.3	3.6	3.7	3.1	2.6	2.6	2.6	2.6	2.7	2.7	2.7
SB I-25 - Managed Lane	Countyline	Yosemite	1.187	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Yosemite	Quebec	1.398	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5
	Total		2.585	2.6	2.7	2.7	2.7	2.7	2.7	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.8





Table 5a  
Westbound Managed Lane Speed

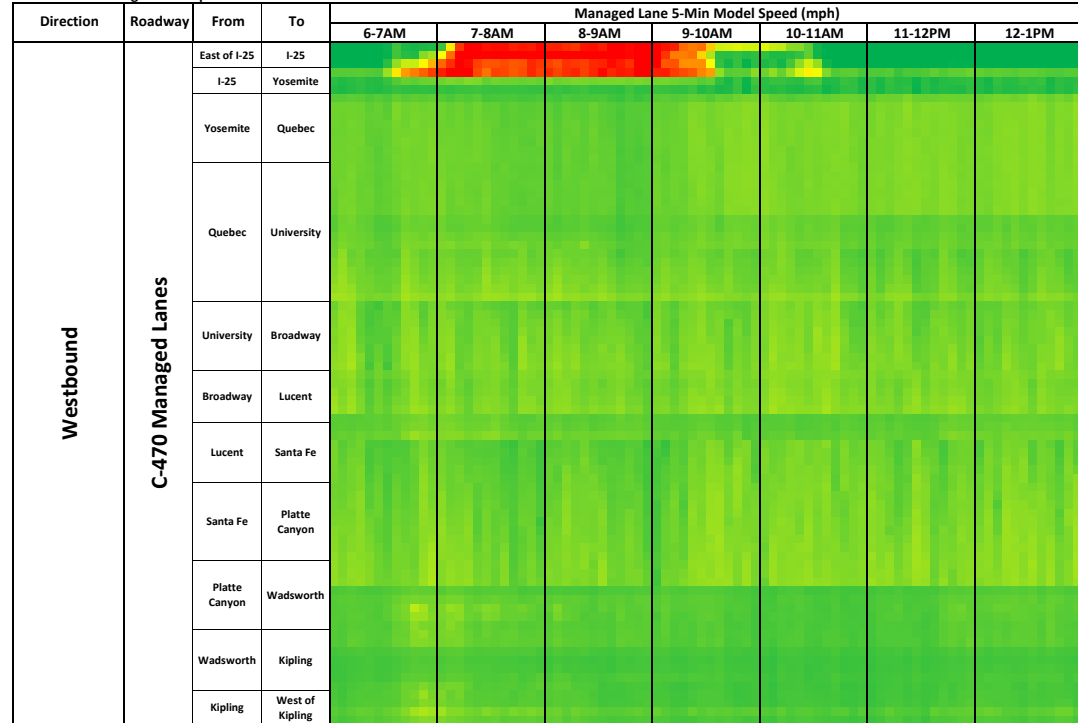


Table 5b  
Westbound General Purpose Lane Speed

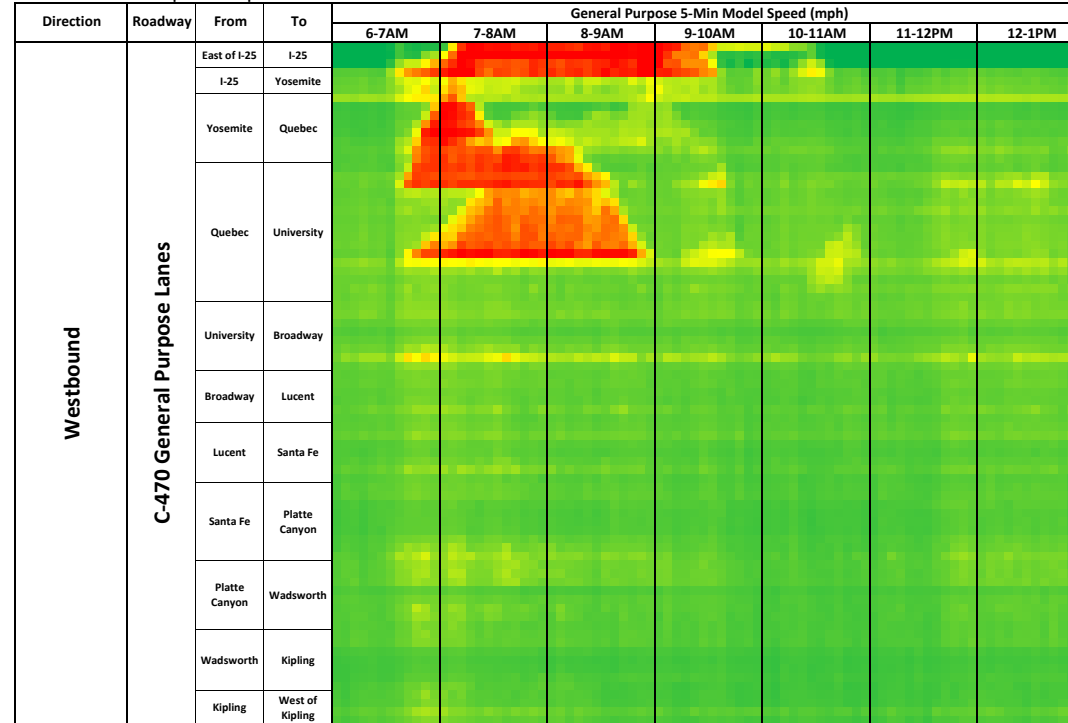


Table 5c  
Eastbound Managed Lane Speed

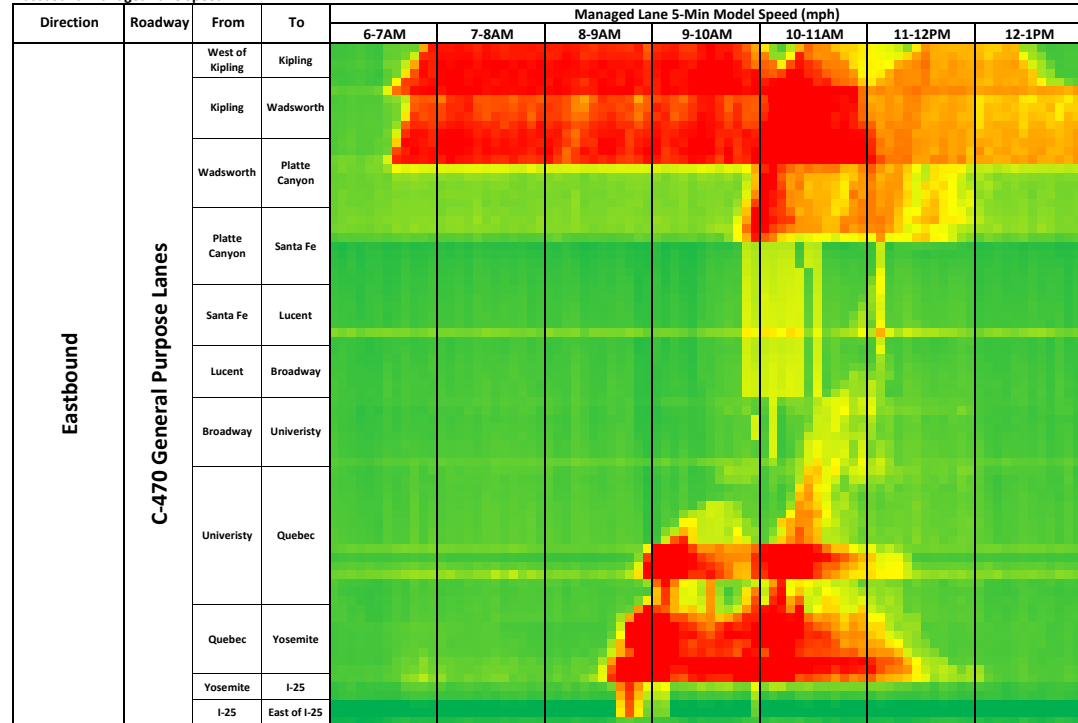


Table 5d  
Eastbound General Purpose Lane Speed

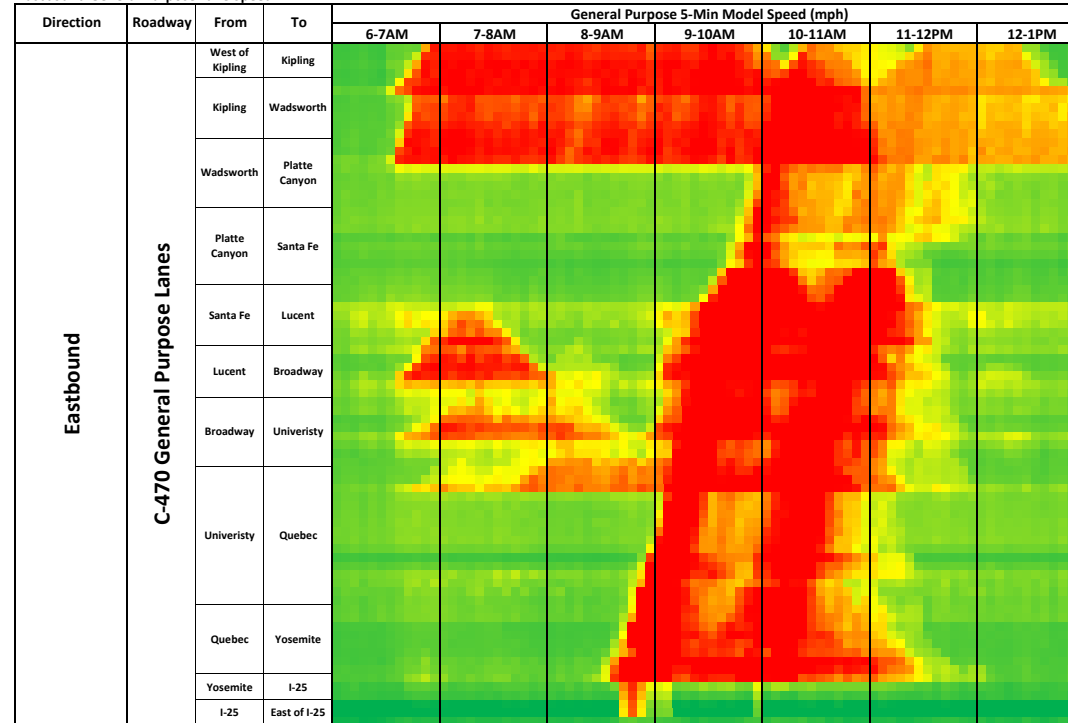


Table 5e  
NB I-25 Speed

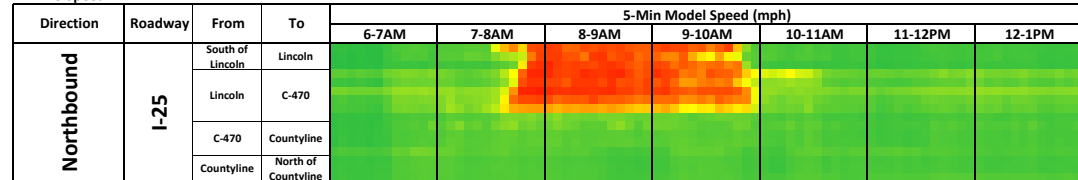


Table 5f  
SB I-25 Speed

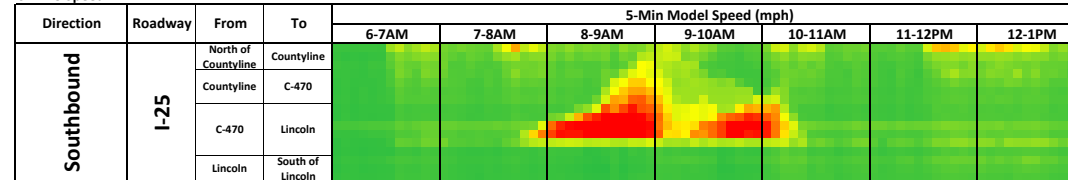


Table 6a  
Westbound Managed Lane Volume

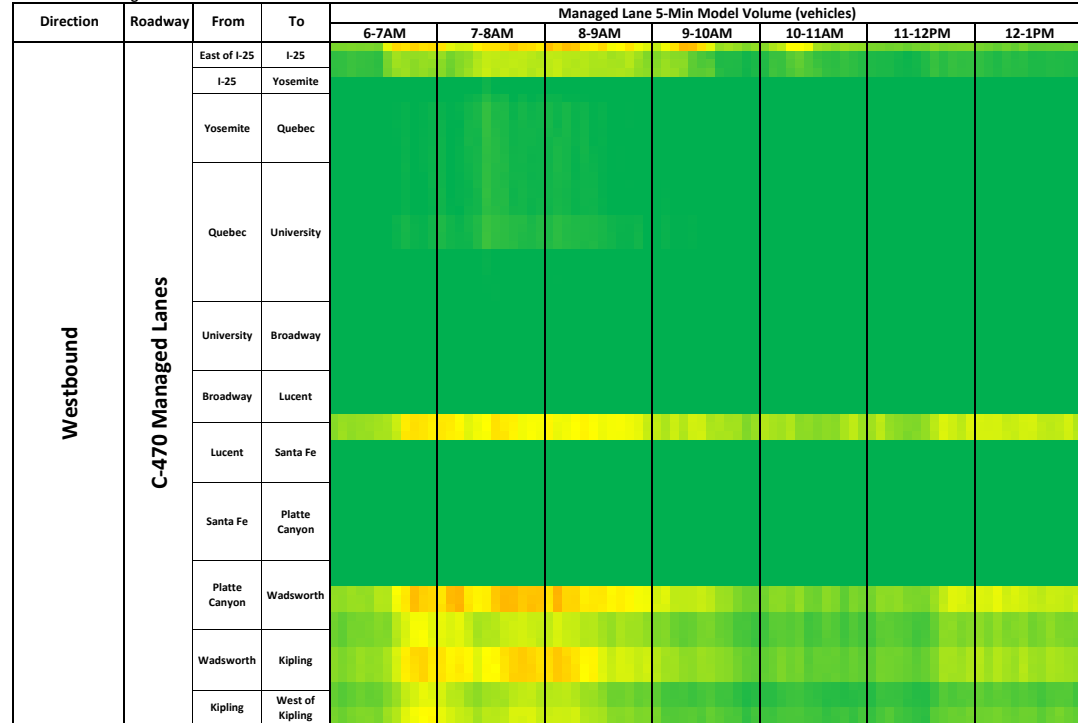


Table 6b  
Westbound General Purpose Lane Volume

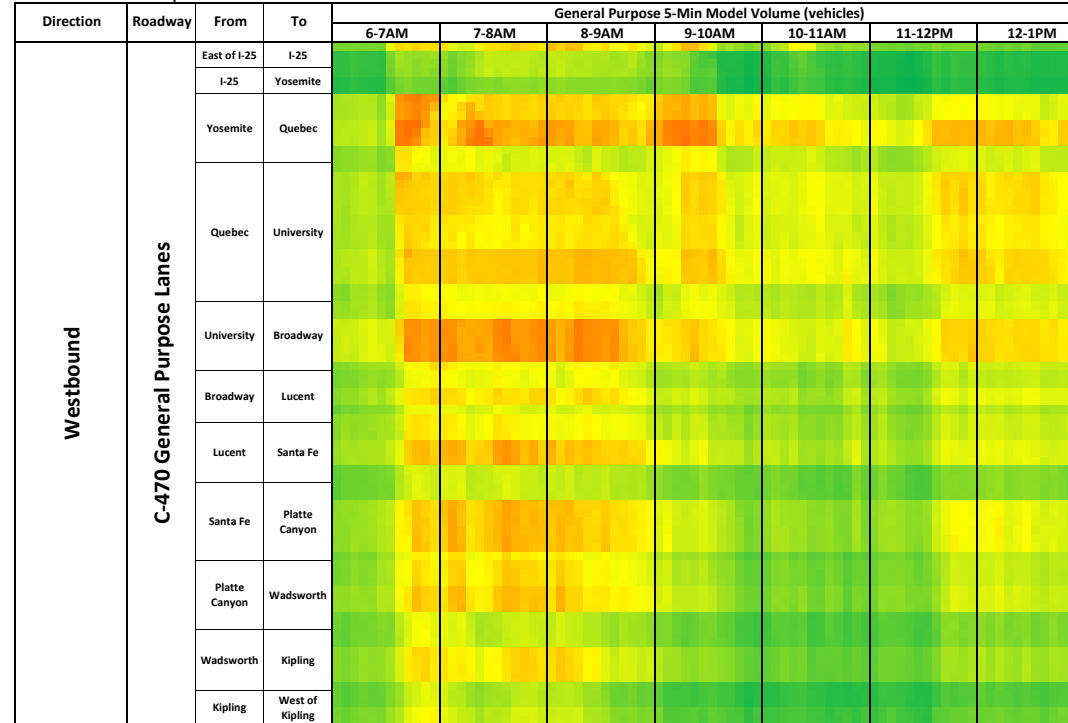


Table 6c  
Eastbound Managed Lane Volume

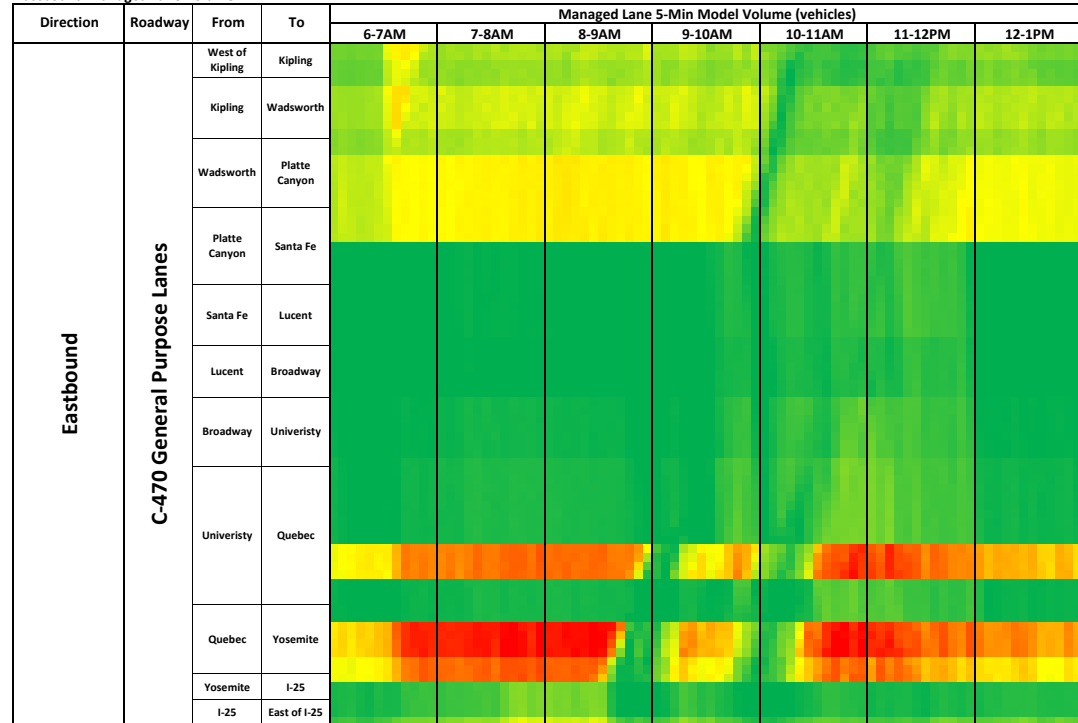


Table 6d  
Eastbound General Purpose Lane Volume

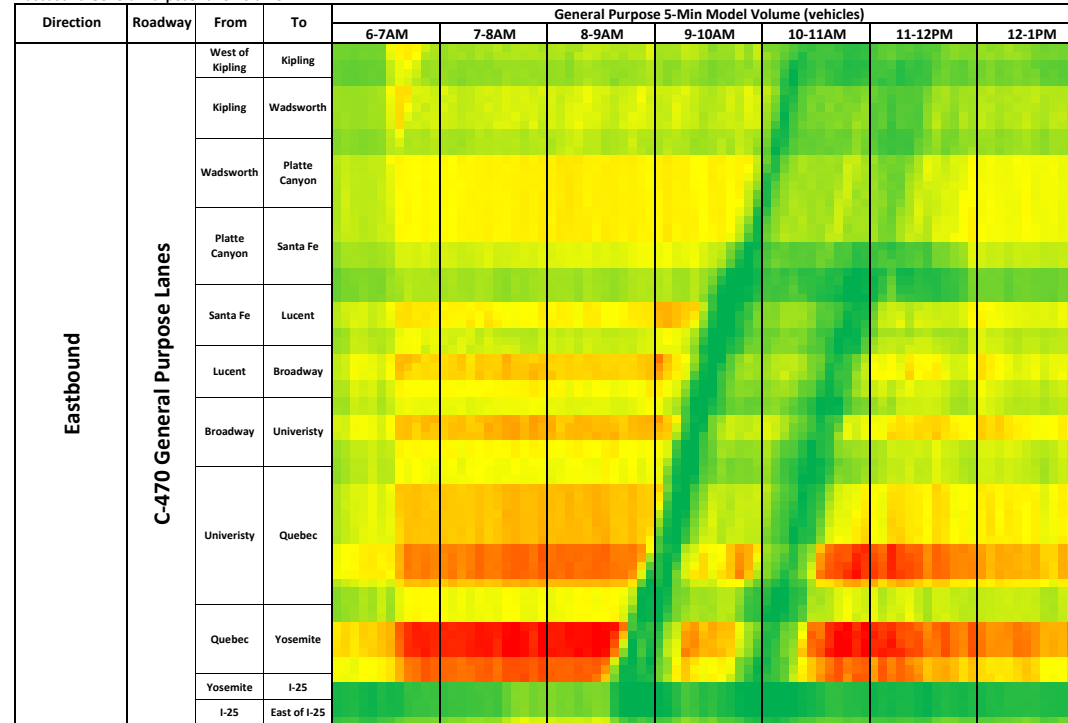


Table 6e  
NB I-25 Volume

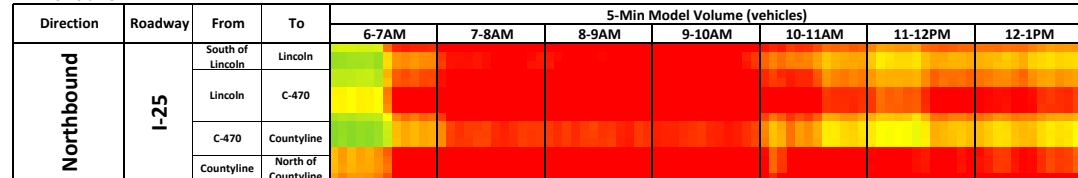
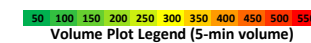
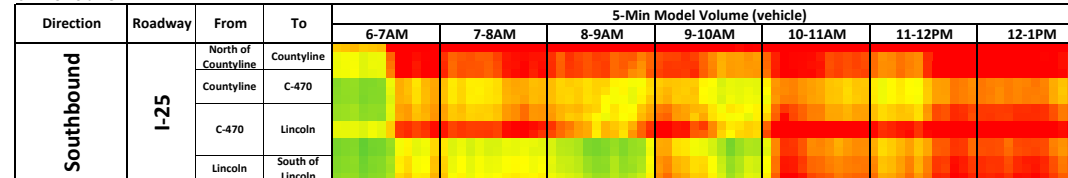


Table 6f  
SB I-25 Volume



## **Appendix C-6**

### **Option C Interim Dynamic Pricing 2035 PM**



**Table 1**  
**Network Summary**

Run#	Total VMT (veh-mi)	Total VHT (veh-hr)	Avg Spd (mph)	Avg Delay (s)	Latent Demand	Total Revenue (2013\$)
run1	1,803,485	62,581	28.82	236	22,548	\$68,136
run2	1,795,592	61,385	29.25	228	22,853	\$65,717
run3	1,812,115	59,732	30.34	212	21,110	\$61,201
run4	1,801,060	62,566	28.79	237	23,355	\$71,380
run5	1,789,556	63,880	28.01	251	26,137	\$69,941
run6						
run7						
run8						
run9						
run10						
Average	1,800,362	62,029	29.04	233	23,201	\$67,275

Revenue and Transaction by User Class

	Transponder	License Plate	Total
Revenue	\$47,406.25	\$19,868.70	\$67,274.95
Transaction	12,353	4,345	16,698
Avg Toll	\$3.84	\$4.57	\$4.03

Minimum Number of Runs Needed:

	Mean	Speed (mph)	Revenue (\$)
		29.04	67,275
Standard Deviation		0.85	4001
Target Error %	1.0%	33	136
	2.5%	6	22
	3.5%	3	12
	5.0%	2	6
	10.0%	1	2

Table 2a  
Westbound Travel Time

	From	To	Distance (mi)	Model Travel Time (mins)														
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00	
<b>WB C-470 - Managed Lane</b>	I-25	Yosemite	0.622	0.6	0.6	0.6	14.3	16.8	3.9	2.3	1.7	1.9	1.6	1.7	2.5	2.2	1.5	
	Yosemite	Quebec	1.401	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
	Quebec	Colorado	2.063	2.2	2.2	2.2	2.3	2.4	2.3	2.3	2.3	2.3	2.6	3.2	2.4	2.3	2.2	
	Colorado	University	1.030	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	
	University	Broadway	1.489	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6
	Broadway	Lucent	1.181	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.6	1.7	1.7	1.5	1.3	1.3
	Lucent	Santa Fe	1.403	1.5	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.8	1.9	1.9	1.6	1.5	1.5
	Santa Fe	Platte Canyon	1.581	1.7	1.7	1.6	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7
	Platte Canyon	Wadsworth	1.529	1.7	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.6
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4
	Total		13.754	14.7	14.4	14.5	28.6	31.1	18.5	16.8	16.3	16.9	17.2	17.8	17.3	16.3	15.4	
<b>WB C-470 - General Purpose Lanes</b>	I-25	Yosemite	0.622	0.6	3.1	18.5	39.9	60.0	39.5	27.0	20.7	16.9	14.0	15.2	20.3	12.7	8.0	
	Yosemite	Quebec	1.401	4.3	8.2	9.8	13.4	12.8	11.4	11.5	11.6	12.5	13.7	16.0	12.3	9.1	7.7	
	Quebec	Colorado	2.063	3.8	4.8	7.5	8.4	8.9	9.1	9.3	8.5	12.4	22.3	23.2	9.7	8.9	7.5	
	Colorado	University	1.030	1.2	1.4	1.4	1.4	1.4	1.4	1.4	2.3	6.9	13.2	6.2	1.5	1.4	1.4	
	University	Broadway	1.489	1.6	1.6	1.6	1.6	1.7	1.7	1.7	5.4	11.1	14.3	6.8	1.9	1.6	1.6	
	Broadway	Lucent	1.181	1.2	1.2	1.3	1.3	1.3	1.3	2.5	6.6	9.7	9.0	5.2	1.7	1.2	1.2	
	Lucent	Santa Fe	1.403	1.5	1.5	1.5	1.5	1.6	3.4	6.6	7.4	8.3	6.9	5.8	2.9	1.5	1.5	
	Santa Fe	Platte Canyon	1.581	1.7	1.7	1.8	2.2	3.4	5.5	5.7	5.8	5.9	5.2	5.0	4.5	3.0	2.1	
	Platte Canyon	Wadsworth	1.529	1.6	1.6	1.7	1.8	1.9	2.0	2.0	2.0	2.1	2.1	2.0	1.8	1.6	1.5	
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	
	Total		13.540	18.8	26.4	46.5	72.9	94.4	76.9	69.2	71.8	87.3	102.2	86.8	58.2	42.4	33.9	
<b>WB C-470 - Travel Time Saving</b>	I-25	Yosemite	0.622	0.1	2.5	17.9	25.5	43.3	35.6	24.7	19.0	15.0	12.5	13.5	17.8	10.5	6.5	
	Yosemite	Quebec	1.401	2.8	6.7	8.4	11.8	11.3	9.9	10.0	10.1	11.0	12.3	14.5	10.9	7.6	6.2	
	Quebec	Colorado	2.063	1.5	2.6	5.3	6.0	6.5	6.8	7.0	6.2	10.1	19.8	20.0	7.4	6.6	5.3	
	Colorado	University	1.030	0.1	0.3	0.2	0.3	0.2	0.2	0.3	1.1	5.7	12.0	5.1	0.4	0.3	0.3	
	University	Broadway	1.489	-0.1	0.0	-0.1	0.0	0.0	0.0	0.1	3.7	9.4	12.6	5.1	0.2	0.0	-0.1	
	Broadway	Lucent	1.181	-0.1	0.0	-0.1	0.0	0.0	0.0	1.2	5.2	8.1	7.3	3.5	0.2	-0.1	-0.1	
	Lucent	Platte Canyon	1.403	-0.1	0.0	0.1	0.1	0.2	1.9	5.0	5.8	6.5	4.9	3.9	1.3	0.0	0.0	
	Platte Canyon	Santa Fe	1.581	-0.1	0.0	0.2	0.6	1.7	3.7	3.9	4.0	4.2	3.4	3.3	2.7	1.2	0.4	
	Santa Fe	Wadsworth	1.529	-0.1	0.0	0.1	0.1	0.2	0.2	0.3	0.2	0.3	0.3	0.2	0.0	-0.1	-0.1	
	Wadsworth	Kipling	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Total		13.540	4.1	12.0	32.0	44.3	63.3	58.4	52.4	55.4	70.4	85.0	69.0	40.9	26.0	18.5	

**Table 2b**  
**Eastbound Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>EB C-470 - Managed Lane</b>	Kipling	Wadsworth	1.454	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.4	1.5	1.5	1.5	1.5	1.4	1.4
	Wadsworth	Platte Canyon	1.530	1.5	1.5	1.5	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.7	1.6	1.5	1.4
	Platte Canyon	Santa Fe	1.569	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4
	Santa Fe	Lucent	1.403	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Lucent	Broadway	1.204	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	Broadway	University	1.473	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	University	Colorado	1.026	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Colorado	Quebec	2.068	2.0	1.9	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	2.0	2.0	2.0	1.9
	Quebec	Yosemite	1.388	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>13.2</b>	<b>13.1</b>	<b>13.2</b>	<b>13.3</b>	<b>13.4</b>	<b>13.5</b>	<b>13.4</b>	<b>13.1</b>	<b>13.3</b>	<b>13.3</b>	<b>13.4</b>	<b>13.4</b>	<b>13.0</b>	<b>12.8</b>
<b>EB C-470 - General Purpose Lanes</b>	Kipling	Wadsworth	1.454	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.4	1.5	1.5	1.5	1.5	1.4	1.4
	Wadsworth	Platte Canyon	1.530	1.5	1.5	1.5	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.7	1.6	1.5	1.4
	Platte Canyon	Santa Fe	1.569	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.6	1.5
	Santa Fe	Lucent	1.403	1.5	1.5	1.5	1.5	1.6	1.6	1.5	1.4	1.5	1.5	1.5	1.5	1.4	1.4
	Lucent	Broadway	1.204	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.3	1.2	1.2	1.1
	Broadway	University	1.473	1.5	1.5	1.5	1.6	1.7	2.1	2.6	1.5	1.5	1.5	1.8	2.5	1.5	1.4
	University	Colorado	1.026	1.1	1.1	1.1	1.1	1.1	2.0	2.3	1.1	1.0	1.0	1.4	1.8	1.2	1.0
	Colorado	Quebec	2.068	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.2	2.2	2.1	2.0
	Quebec	Yosemite	1.388	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.4	1.4	1.4	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>13.9</b>	<b>14.0</b>	<b>14.0</b>	<b>14.2</b>	<b>14.8</b>	<b>16.1</b>	<b>16.5</b>	<b>13.9</b>	<b>14.1</b>	<b>14.0</b>	<b>15.0</b>	<b>16.0</b>	<b>13.8</b>	<b>13.1</b>
<b>EB C-470 - Travel Time Saving</b>	Kipling	Wadsworth	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Wadsworth	Platte Canyon	1.530	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Platte Canyon	Santa Fe	1.569	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
	Santa Fe	Lucent	1.403	0.1	0.2	0.1	0.2	0.3	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.1	0.0
	Lucent	Broadway	1.204	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.0
	Broadway	University	1.473	0.1	0.1	0.1	0.2	0.3	0.7	1.2	0.1	0.1	0.1	0.4	1.1	0.1	0.0
	University	Colorado	1.026	0.1	0.1	0.1	0.1	0.2	1.0	1.3	0.1	0.1	0.1	0.4	0.8	0.2	0.0
	Colorado	Quebec	2.068	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.1	0.1
	Quebec	Yosemite	1.388	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	Yosemite	I-25	0.635	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>Total</b>		<b>13.749</b>	<b>0.8</b>	<b>0.9</b>	<b>0.8</b>	<b>1.0</b>	<b>1.3</b>	<b>2.6</b>	<b>3.2</b>	<b>0.8</b>	<b>0.8</b>	<b>0.7</b>	<b>1.6</b>	<b>2.6</b>	<b>0.8</b>	<b>0.3</b>

**Table 2c**  
**I-25 Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>NB I-25</b>	Lincoln	C-470	1.323	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2
	C-470	Countyline	0.761	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
	Total		2.084	2.0	2.0	2.0	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
<b>SB I-25</b>	Countyline	C-470	0.761	0.8	0.8	0.8	0.9	1.0	0.9	1.0	1.0	1.0	1.1	1.0	1.0	0.9	0.9
	C-470	Lincoln	1.323	1.3	1.3	1.3	1.4	1.5	1.5	1.8	1.6	1.6	1.5	1.6	1.5	1.4	1.4
	Total		2.084	2.1	2.1	2.2	2.3	2.5	2.4	2.7	2.6	2.6	2.6	2.6	2.6	2.4	2.4

**Table 2d**  
**NB/SB I-25 Ramp to C-470 WB Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>NB I-25 - General Purpose</b>	Lincoln	Yosemite	1.963	2.3	3.1	3.9	8.0	12.8	12.7	8.0	4.6	4.7	4.2	5.7	6.5	3.1	2.9
	Yosemite	Quebec	1.402	4.3	8.2	9.8	13.4	12.8	11.4	11.5	11.6	12.5	13.7	16.0	12.3	9.1	7.7
	Total		3.365	6.6	11.3	13.7	21.3	25.6	24.1	19.6	16.2	17.2	17.9	21.7	18.8	12.2	10.5
<b>NB I-25 - Managed Lane</b>	Lincoln	Yosemite	1.967	2.3	2.3	2.4	4.3	8.8	9.0	4.5	2.6	2.6	2.5	2.6	3.3	2.3	2.2
	Yosemite	Quebec	1.398	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	Total		3.364	3.9	3.9	3.9	5.9	10.4	10.6	6.1	4.2	4.2	4.1	4.2	4.9	3.9	3.8
<b>SB I-25 - General Purpose</b>	Countyline	Yosemite	1.142	1.3	2.4	3.7	8.9	12.6	7.4	5.5	4.9	4.4	4.6	6.2	8.7	4.0	2.4
	Yosemite	Quebec	1.402	4.3	8.2	9.8	13.4	12.8	11.4	11.5	11.6	12.5	13.7	16.0	12.3	9.1	7.7
	Total		2.544	5.5	10.5	13.6	22.3	25.4	18.8	17.0	16.5	16.9	18.4	22.2	21.1	13.1	10.1
<b>SB I-25 - Managed Lane</b>	Countyline	Yosemite	1.187	1.3	1.3	1.3	1.4	1.5	1.4	1.4	1.5	1.4	1.5	1.4	1.4	1.3	1.3
	Yosemite	Quebec	1.398	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Total		2.585	2.8	2.8	2.8	3.0	3.0	3.0	2.9	2.9	2.9	3.0	2.9	2.9	2.9	2.8

Table 3

Revenue and Transaction				Revenue																	Transactions																	Average Toll Price (2013)											
User	Direction	From	To	13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00	Total	13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00	Total	1:00-1:30	1:30-2:00	2:00-2:30	2:30-3:00	3:00-3:30	3:30-4:00	4:00-4:30	4:30-5:00	5:00-5:30	5:30-6:00	6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	Total	
				Transponder Users	Westbound	SB I-25	University	99	152	280	495	550	612	434	377	140	272	704	393	409	215	5,132	50	70	112	159	174	169	138	120	44	57	120	111	124	79	1,521	2.00	2.18	2.51	3.11	3.23	3.63	3.15	3.16	3.20	4.76	5.85	3.53
Broadway	42	69	101				194	327	315	163	139	164	263	289	199	199	194	114	2,572	14	16	20	34	54	50	27	23	25	31	31	32	21	41	2.00	2.18	2.51	3.11	3.23	3.63	3.15	3.16	3.20	4.76	5.85	3.53	3.30	2.73	3.37	
Santa Fe	46	75	141				206	338	269	114	257	311	285	534	195	169	99	3,037	15	17	29	36	56	43	18	40	46	33	49	28	28	19	454	3.08	4.40	4.88	5.77	6.07	6.32	6.28	6.48	6.78	8.75	10.99	6.97	6.02	5.26	6.69	
NB I-25	University	65	99			183	227	243	310	279	195	145	296	352	212	240	176	3,022	35	45	74	80	79	93	89	63	47	68	64	59	74	66	935	1.86	2.19	2.48	2.85	3.09	3.32	3.12	3.11	3.10	4.36	5.52	3.60	3.23	2.68	3.23	
	Broadway	17	32			58	81	71	85	54	69	73	177	83	92	81	52	1,026	6	7	12	15	12	14	10	11	11	24	9	13	14	10	10	170	2.78	4.31	4.79	5.50	5.82	6.16	5.61	6.28	6.37	7.49	8.80	6.89	5.65	5.09	6.05
	Santa Fe	38	54			90	94	138	92	101	137	221	376	281	102	69	72	1,864	10	13	18	17	24	15	17	22	35	47	27	14	12	14	283	3.67	4.32	4.93	5.63	5.86	6.31	5.89	6.32	6.39	7.99	10.40	7.49	5.53	5.15	6.58	
E-470	University	11	15			43	31	48	45	123	115	128	231	183	210	40	19	1,243	3	2	6	4	6	5	14	13	13	22	15	22	5	3	133	3.32	6.42	6.72	7.73	8.23	8.32	8.79	9.15	9.69	10.70	12.38	9.48	8.32	7.35	9.33	
	Broadway	50	81			185	6	35	80	85	143	105	188	219	202	206	89	1,672	26	38	80	2	12	22	27	45	36	42	41	50	58	30	510	1.92	2.12	2.30	3.11	3.03	3.67	3.14	3.16	2.94	4.42	5.36	4.00	3.54	2.95	3.28	
	Santa Fe	16	36			89	0	69	144	237	362	285	783	294	240	404	135	3,094	6	8	19	0	11	20	36	56	43	81	29	35	53	22	418	2.82	4.23	4.73	-	6.38	7.26	6.62	6.47	6.61	9.71	10.30	6.90	7.62	6.08	7.41	
Eastbound	Quebec	University	36			51	102	1	63	171	238	372	349	800	830	386	360	182	3,942	11	12	22	0	10	24	36	59	52	82	75	47	48	29	506	3.31	4.18	4.72	6.25	6.09	7.08	6.68	6.33	6.76	9.78	11.09	8.21	7.53	6.24	7.79
		Broadway	8		9	20	0	28	157	339	488	527	1,256	441	649	369	293	91	4,305	3	1	3	0	3	17	35	48	53	97	33	56	28	12	390	2.88	6.32	6.73	-	8.26	9.11	9.73	10.22	9.99	12.89	13.43	11.59	10.30	7.58	11.04
		Santa Fe	24		36	38	32	26	18	10	10	22	17	19	27	34	35	348	14	16	15	12	9	5	3	3	6	4	4	8	12	13	126	1.67	2.19	2.55	2.70	2.87	3.25	3.01	3.20	3.56	4.35	4.60	3.23	2.85	2.80	2.77	
	University	Wadsworth	31		36	43	45	53	48	35	41	60	128	73	81	58	36	767	17	17	17	17	18	16	11	13	16	31	16	23	21	13	245	1.77	2.12	2.47	2.70	2.98	3.05	3.08	3.29	3.68	4.13	4.68	3.48	2.80	2.76	3.13	
		Santa Fe	40		49	61	60	71	57	59	124	250	584	423	83	39	36	1,937	23	23	24	22	24	18	19	36	71	132	78	24	14	14	521	1.77	2.13	2.54	2.69	2.92	3.20	3.15	3.49	3.53	4.44	5.40	3.50	2.71	2.60	3.72	
		Wadsworth	21		23	30	46	28	65	99	151	211	217	331	300	16	20	1,558	9	6	7	10	6	12	17	25	33	32	40	50	3	4	251	2.39	4.16	4.53	4.81	5.02	5.58	5.79	5.98	6.32	6.88	8.36	6.05	4.91	4.99	6.20	
	Broadway	University	32		38	20	27	23	24	21	20	49	70	53	22	22	14	435	17	18	10	13	10	7	6	17	20	17	8	10	7	171	1.86	2.08	1.96	2.04	2.20	2.49	2.82	3.12	2.91	3.46	3.10	2.86	2.15	2.12	2.54		
		Wadsworth	47		54	40	44	66	156	250	273	253	259	252	60	38	20	1,812	25	26	21	21	30	65	63	90	93	87	76	81	20	16	9	657	1.84	2.04	1.93	2.08	2.19	2.50	2.79	2.95	2.90	3.42	3.12	3.05	2.31	2.23	2.76
		Santa Fe	24		33	36	46	44	70	123	114	144	144	74	50	36	25	963	13	17	18	22	20	29	44	39	49	47	26	17	16	11	368	1.88	2.22	2.01	1.95	2.06	2.19	2.41	2.77	2.95	3.08	2.84	3.00	2.24	2.35	2.62	
	Total	Westbound Total	University		673	958	1,600	1,708	2,419	3,007	3,093	3,761	3,832	6,779	5,793	3,846	2,783	1,467	41,718	303	356	513	472	578	656	675	752	727	970	782	650	579	380	8,392	2.22	2.69	3.12	3.62	4.19	4.58	4.58	5.00	5.27	6.99	7.41	5.91	4.80	2.84	3.86
Broadway			38		40	46	48	55	66	53	51	56	68	79	68	48	33	748	30	28	31	33	37	44	34	36	40	49	54	44	33	25	518	1.28	1.40	1.45	1.46	1.48	1.51	1.54	1.42	1.39	1.39	1.46	1.53	1.45	1.34	1.44	
Quebec			22	27	30	26	19	33	25	20	23	24	22	30	14	8	322	17	20	21	19	13	21	17	14	17	17	15	19	9	6	225	1.28	1.36	1.45	1.45	1.42	1.48	1.52	1.52	1.41	1.38	1.45	1.56	1.44	1.40	1.43		
Yosemite			96	93	115	123	128	144	118	84	89	100	115	133	89	51	1,477	78	66	80	86	87	95	76	60	65	71	79	86	61	38	1,028	1.22	1.40	1.45	1.44	1.47	1.51	1.55	1.41	1.38	1.41	1.45	1.55	1.45	1.35	1.44		
Quebec			19	13	19	18	24	31	23	18	16	20	13	17	11	7	248	14	9	13	12	16	20	15	13	12	14	9	11	8	5	172	1.35	1.37	1.43	1.43	1.46	1.53	1.53	1.41	1.34	1.44	1.48	1.56	1.42	1.30	1.44		
Yosemite			64	77	76	82	105	121	82	62	59	62	89	114	59	36	1,088	54	56	52	57	71	80	54	43	42	45	61	74	41	27	758	1.18	1.38	1.44	1.44	1.48	1.52	1.55	1.42	1.39	1.38	1.45	1.54	1.44	1.33	1.44		
Quebec			10	10	10	16	6	5	9	10	14	15	14	22	8	7	155	8	7	11	4	3	6	7	10	10	10	14	6	6	110	1.21	1.40	1.44	1.44	1.43	1.42	1.48	1.52	1.32	1.40	1.42	1.43	1.52	1.43	1.33	1.41		
Yosemite	56	55	59	63	73	81	74	68	69	79	109	107	61	38	991	46	40	41	43	50	53	48	48	49	56	74	69	42	28	687	1.22	1.38	1.44	1.44	1.45	1.47	1.52	1.55	1.42	1.40	1.40	1.47	1.56	1.46	1.34	1.44			
University	37	45	36	51	55	61	46	59	51	45	56	46	42	29	659	30	32	25	36	37	40	30	42	37	33	39	30	30	22	463	1.24	1.42	1.43	1.43	1.48	1.51	1.52	1.41	1.37	1.39	1.44	1.52	1.41	1.32	1.42				
Eastbound Total	342	359	389	427	464	541	431	370	478	412	497	537	332	210	5,688	278	258	269	296	315	357	280	262	273	295	342	347	230	156	3,960	1.23	1.39	1.44	1.44	1.47	1.51	1.54	1.41	1.38	1.40	1.45	1.54	1.44	1.34	1.44				
Total	1,015	1,317	1,989	2,135	2,883	3,548	3,524	4,131	4,210	7,192	6,290	4,383	3,332	2,100	5,688	581	614	783	768	893	1,013	955	1,014	1,000	1,265	1,124	998	810	536	12,353	1.75	2.14	2.54	2.78	3.23	3.50	3.69	4.07	4.21	5.69	5.60	4.39	3.85	3.13	3.84				
License Plate User	Westbound	SB I-25	University	37	86	129	220	260	327	204	183	66	163	296	193	195	117	2,506	14	29	40	58	74	76	53	48	17	30	46	44	48	34	609	2.67	2.94	3.21	3.81	3.93	4.32	3.87	3.86	5.49	6.47	4.39	4.04	3.48	4.11		
			Broadway	11	17	5																																											



Table 5a  
Westbound Managed Lane Speed

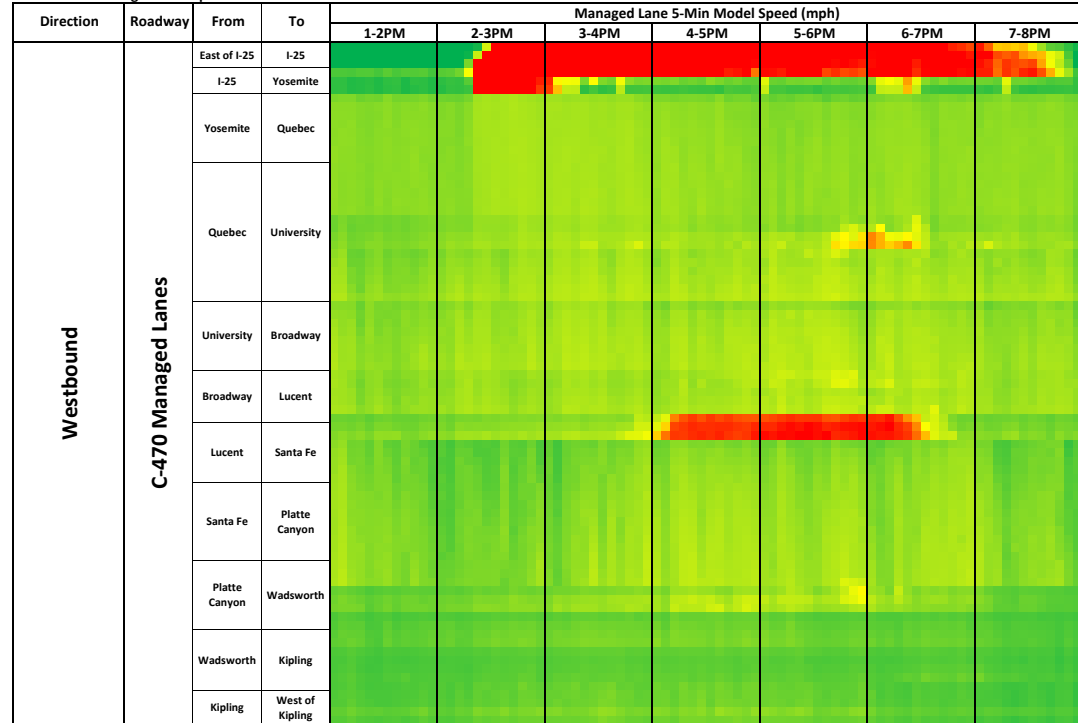


Table 5b  
Westbound General Purpose Lane Speed

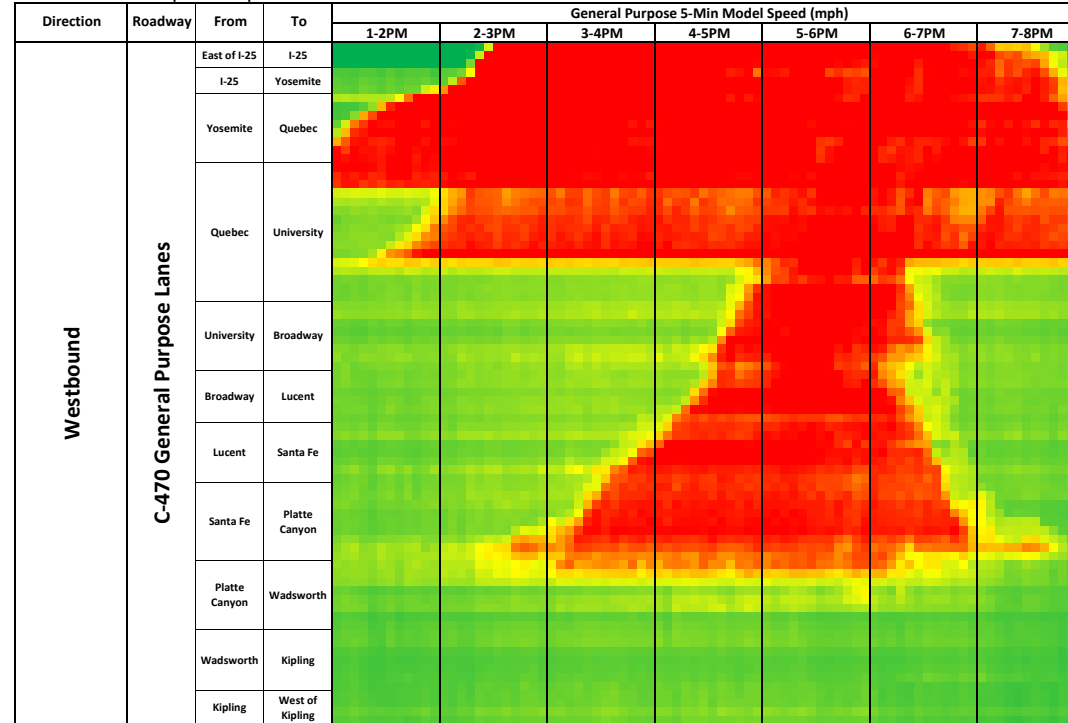


Table 5c  
Eastbound Managed Lane Speed

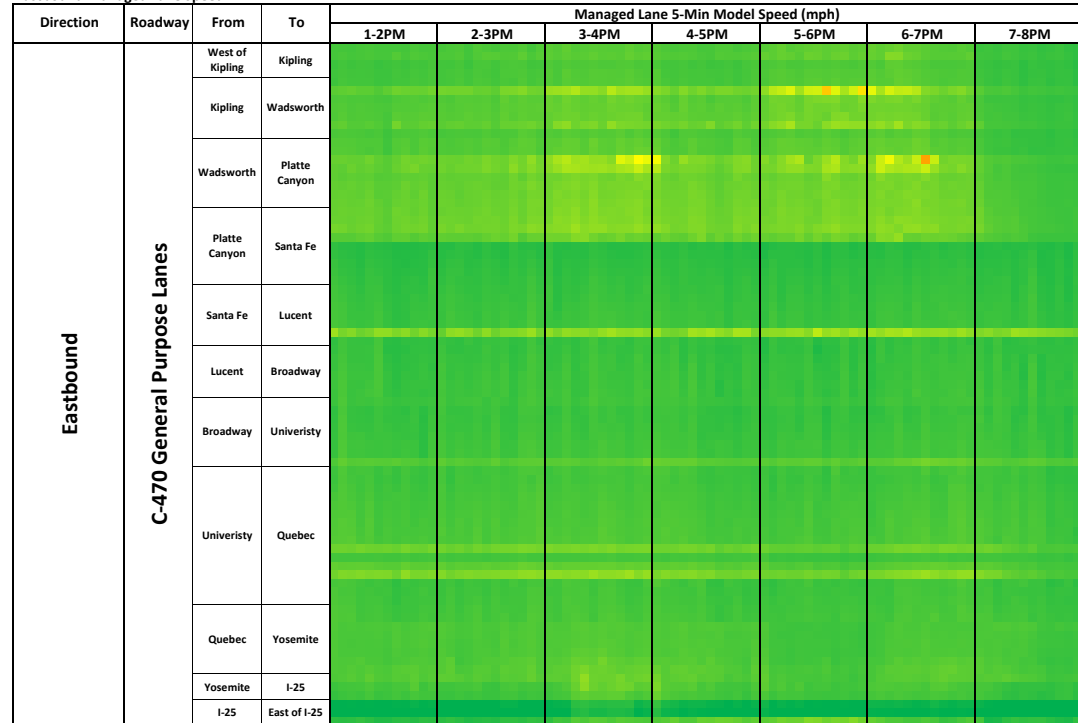


Table 5d  
Eastbound General Purpose Lane Speed

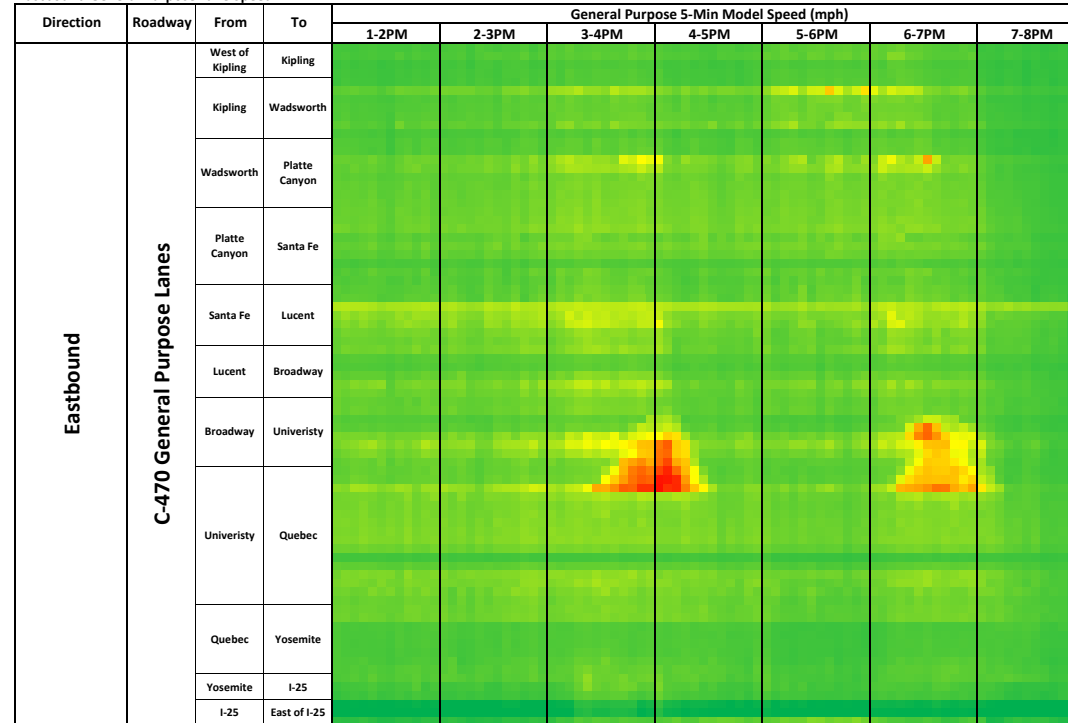


Table 5e  
NB I-25 Speed

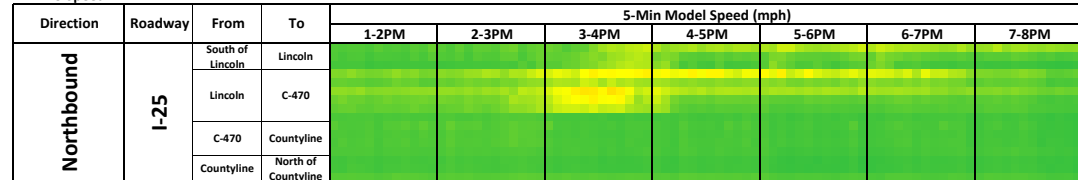


Table 5f  
SB I-25 Speed

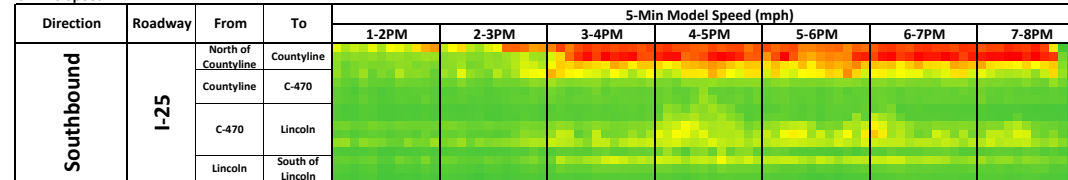


Table 6a  
Westbound Managed Lane Volume

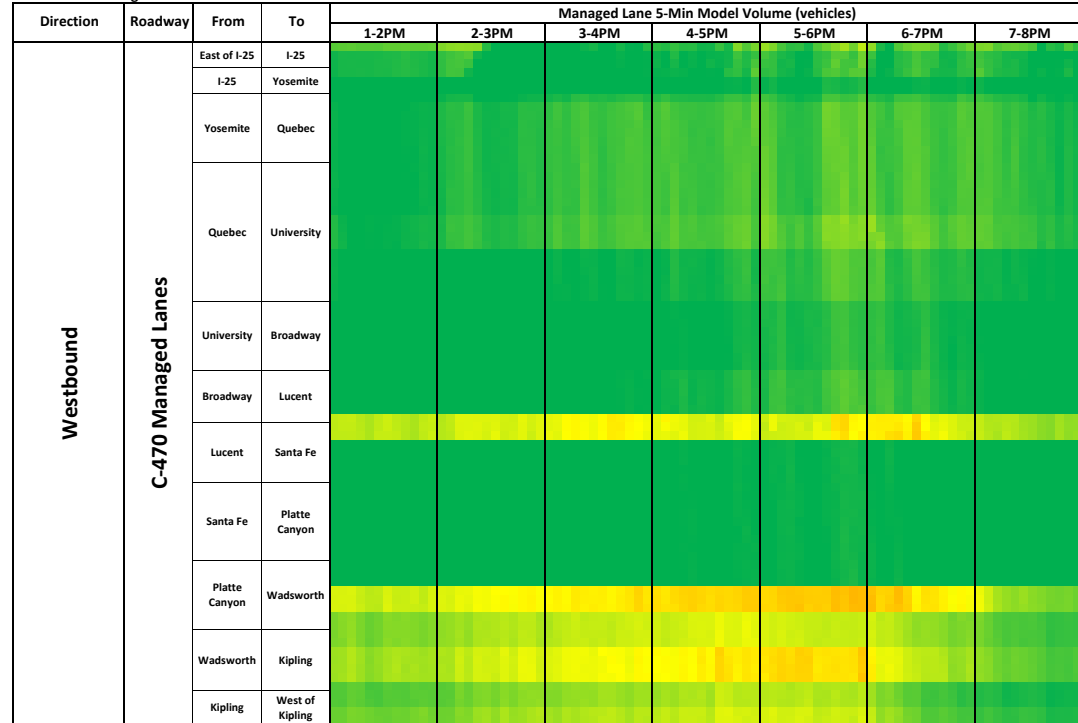


Table 6b  
Westbound General Purpose Lane Volume

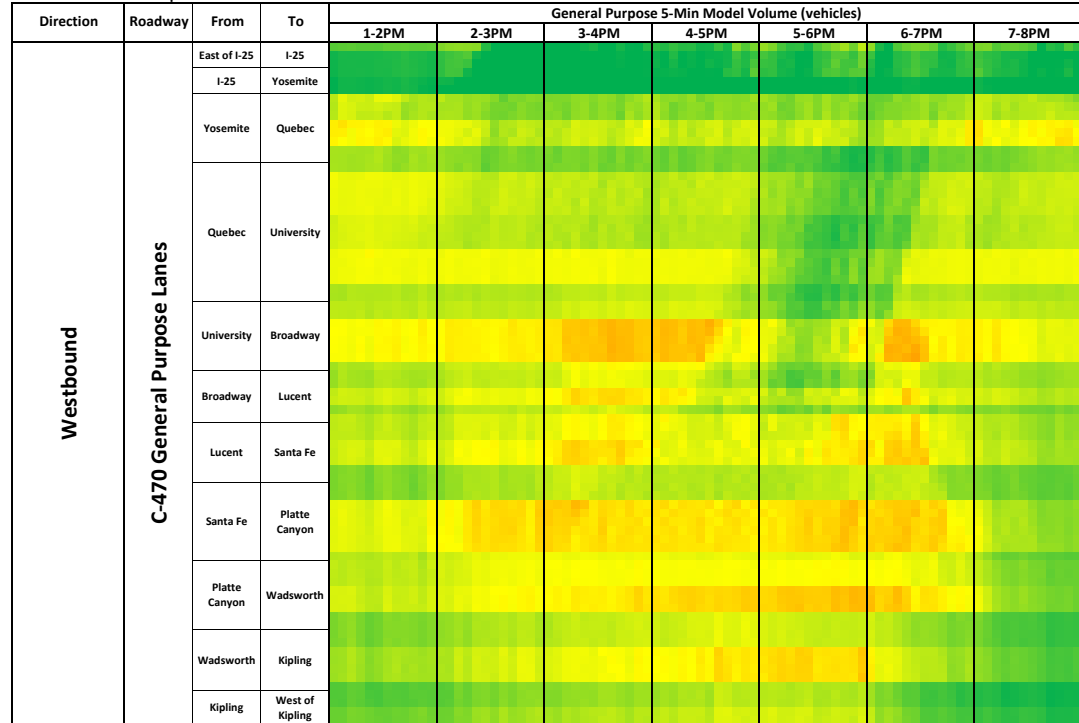


Table 6c  
Eastbound Managed Lane Volume

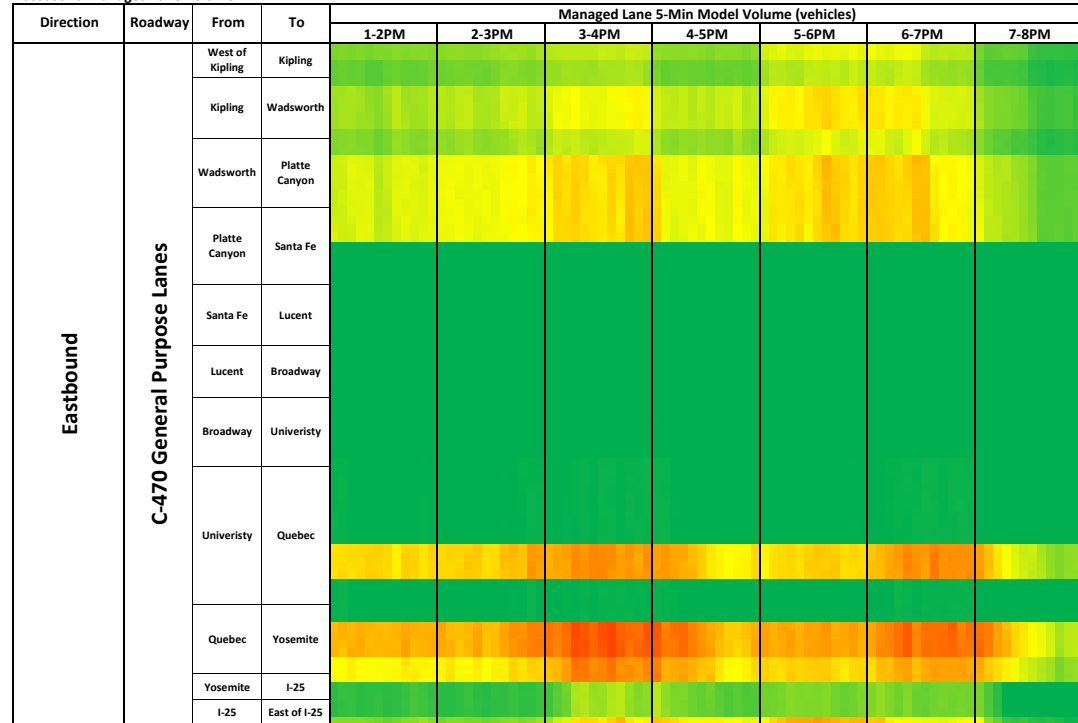


Table 6d  
Eastbound General Purpose Lane Volume

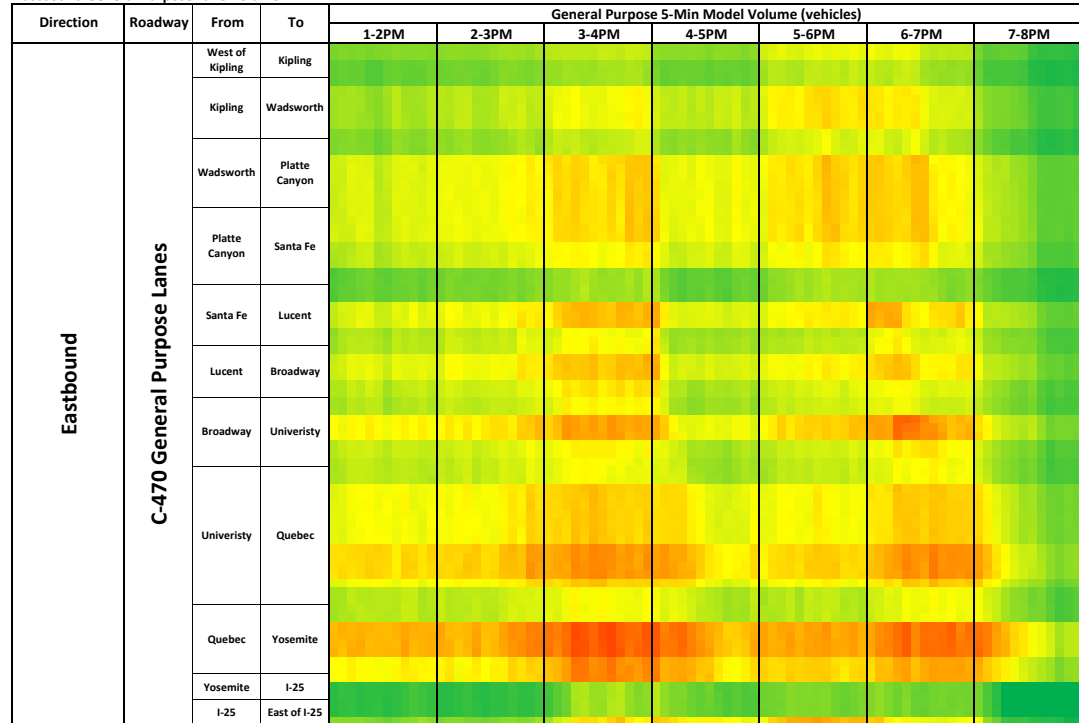


Table 6e  
NB I-25 Volume

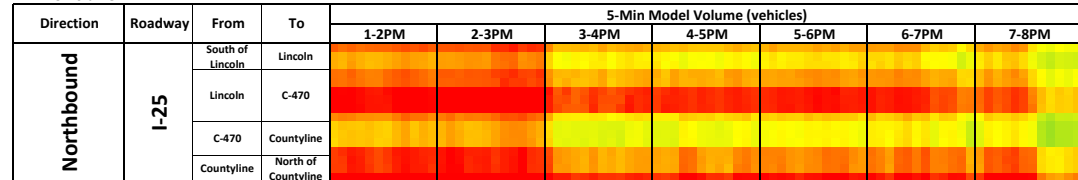
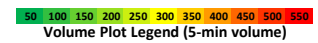
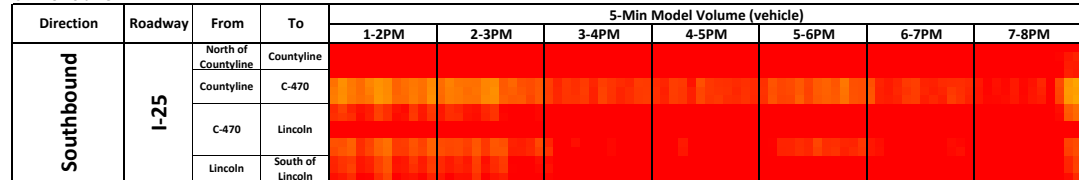


Table 6f  
SB I-25 Volume





## **Appendix D-1**

### **Option C Interim Fixed Pricing I 2018 AM**

**Table 1**  
**Network Summary**

Run#	Total VMT (veh-mi)	Total VHT (veh-hr)	Avg Spd (mph)	Avg Delay (s)	Latent Demand	Total Revenue (2013\$)
run1	1,432,496	32,175	44.52	70	3,831	\$19,441
run2	1,436,315	31,943	44.97	67	3,712	\$19,282
run3	1,436,509	31,912	45.02	67	3,625	\$19,648
run4	1,435,302	31,920	44.97	67	3,661	\$19,498
run5	1,440,271	32,094	44.88	68	3,602	\$19,228
run6						
run7						
run8						
run9						
run10						
Average	1,436,179	32,009	44.87	68	3,686	\$19,419

Revenue and Transaction by User Class

	Transponder	License Plate	Total
Revenue	\$8,963.85	\$10,455.25	\$19,419.10
Transaction	4,929	4,129	9,057
Avg Toll	\$1.82	\$2.53	\$2.14

Minimum Number of Runs Needed:

	Mean	Speed (mph)	Revenue (\$)
		44.87	19,419
Standard Deviation		0.20	169
Target Error %	1.0%	1	3
	2.5%	1	1
	3.5%	1	1
	5.0%	1	1
	10.0%	1	1

**Table 2a**  
**Westbound Travel Time**

Direction	From	To	Distance (mi)	Model Travel Time (mins)													
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00
<b>WB C-470 - Managed Lane</b>	I-25	Yosemite	0.622	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	Yosemite	Quebec	1.401	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.5	1.5	1.5
	Quebec	Colorado	2.063	2.1	2.2	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	Colorado	University	1.030	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	University	Broadway	1.489	1.5	1.6	1.6	1.6	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.6	1.5	1.5
	Broadway	Lucent	1.181	1.2	1.3	1.3	1.3	1.2	1.2	1.2	1.3	1.3	1.2	1.3	1.3	1.3	1.3
	Lucent	Santa Fe	1.403	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5
	Santa Fe	Platte Canyon	1.581	1.6	1.7	1.6	1.7	1.7	1.6	1.7	1.7	1.7	1.7	1.6	1.7	1.7	1.7
	Platte Canyon	Wadsworth	1.529	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	<b>Total</b>		<b>13.754</b>	<b>13.8</b>	<b>14.3</b>	<b>14.2</b>	<b>14.2</b>	<b>14.0</b>	<b>13.8</b>	<b>14.2</b>	<b>14.2</b>	<b>14.2</b>	<b>14.1</b>	<b>14.2</b>	<b>14.3</b>	<b>14.2</b>	
<b>WB C-470 - General Purpose Lanes</b>	I-25	Yosemite	0.622	0.6	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	Yosemite	Quebec	1.401	1.3	2.1	3.9	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.4
	Quebec	Colorado	2.063	2.0	3.3	5.2	4.5	2.9	2.1	2.1	2.0	2.1	2.0	2.0	2.1	2.1	2.1
	Colorado	University	1.030	1.1	1.3	1.4	1.3	1.2	1.1	1.1	1.1	1.1	1.0	1.0	1.1	1.1	1.1
	University	Broadway	1.489	1.5	1.6	1.7	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Broadway	Lucent	1.181	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2
	Lucent	Santa Fe	1.403	1.4	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	Santa Fe	Platte Canyon	1.581	1.5	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6
	Platte Canyon	Wadsworth	1.529	1.5	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	<b>Total</b>		<b>13.540</b>	<b>13.6</b>	<b>16.3</b>	<b>20.3</b>	<b>16.7</b>	<b>14.6</b>	<b>13.8</b>	<b>13.7</b>	<b>13.4</b>	<b>13.5</b>	<b>13.4</b>	<b>13.4</b>	<b>13.6</b>	<b>13.7</b>	
<b>WB C-470 - Travel Time Saving</b>	I-25	Yosemite	0.622	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.1	0.1	0.1
	Yosemite	Quebec	1.401	0.0	0.6	2.5	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
	Quebec	Colorado	2.063	-0.1	1.1	3.1	2.3	0.7	0.0	-0.1	-0.2	-0.1	-0.2	-0.2	-0.1	-0.1	-0.1
	Colorado	University	1.030	0.0	0.2	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	University	Broadway	1.489	0.0	0.1	0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.0
	Broadway	Lucent	1.181	0.0	0.0	0.0	-0.1	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
	Lucent	Platte Canyon	1.403	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
	Platte Canyon	Santa Fe	1.581	0.0	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.2	-0.1	-0.1	-0.1	-0.1	-0.2	-0.1
	Santa Fe	Wadsworth	1.529	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
	Wadsworth	Kipling	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>Total</b>		<b>13.540</b>	<b>-0.2</b>	<b>2.0</b>	<b>6.1</b>	<b>2.5</b>	<b>0.6</b>	<b>0.0</b>	<b>-0.5</b>	<b>-0.8</b>	<b>-0.6</b>	<b>-0.6</b>	<b>-0.7</b>	<b>-0.7</b>	<b>-0.5</b>	

**Table 2b**  
**Eastbound Travel Time**

Direction	From	To	Distance (mi)	Model Travel Time (mins)														
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00	
EB C-470 - Managed Lane	Kipling	Wadsworth	1.454	1.4	3.3	7.2	6.6	5.9	5.5	5.9	3.4	1.4	1.4	1.4	1.4	1.4	1.4	
	Wadsworth	Platte Canyon	1.530	1.5	2.7	3.4	3.3	3.0	3.0	3.1	2.8	1.5	1.5	1.5	1.5	1.5	1.5	
	Platte Canyon	Santa Fe	1.569	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Santa Fe	Lucent	1.403	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Lucent	Broadway	1.204	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	Broadway	University	1.473	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	University	Colorado	1.026	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Colorado	Quebec	2.068	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9
	Quebec	Yosemite	1.388	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	Total		13.749	13.1	16.3	20.9	20.3	19.1	18.7	19.3	16.5	13.0	12.9	12.9	13.0	13.0	13.0	
EB C-470 - General Purpose Lanes	Kipling	Wadsworth	1.454	1.4	3.3	7.2	6.6	5.9	5.5	5.9	3.4	1.4	1.4	1.4	1.4	1.4	1.4	
	Wadsworth	Platte Canyon	1.530	1.5	2.7	3.4	3.3	3.0	3.0	3.1	2.8	1.5	1.5	1.5	1.5	1.5	1.5	
	Platte Canyon	Santa Fe	1.569	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.6	1.6	1.6	
	Santa Fe	Lucent	1.403	1.5	1.8	2.1	1.6	1.5	1.5	1.8	1.6	1.5	1.4	1.4	1.5	1.5	1.5	
	Lucent	Broadway	1.204	1.3	1.7	3.7	2.0	1.3	1.3	1.4	1.3	1.2	1.2	1.2	1.2	1.3	1.2	
	Broadway	University	1.473	1.5	1.9	2.1	2.1	1.8	1.6	1.9	1.7	1.5	1.5	1.5	1.5	1.5	1.5	
	University	Colorado	1.026	1.1	1.3	1.6	1.5	1.6	1.1	1.2	1.1	1.0	1.0	1.0	1.0	1.1	1.0	
	Colorado	Quebec	2.068	2.1	2.2	2.2	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1	
	Quebec	Yosemite	1.388	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.4	1.4	1.3	1.3	1.4	1.4	1.4	
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
	Total		13.749	14.0	18.5	26.0	22.9	20.7	19.8	21.1	17.8	13.8	13.6	13.5	13.8	14.0	13.8	
EB C-470 - Travel Time Saving	Kipling	Wadsworth	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Wadsworth	Platte Canyon	1.530	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Platte Canyon	Santa Fe	1.569	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
	Santa Fe	Lucent	1.403	0.2	0.4	0.8	0.2	0.2	0.2	0.5	0.3	0.1	0.1	0.1	0.2	0.2	0.1	
	Lucent	Broadway	1.204	0.2	0.6	2.6	0.9	0.2	0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	
	Broadway	University	1.473	0.1	0.4	0.7	0.6	0.4	0.2	0.5	0.3	0.1	0.1	0.1	0.1	0.2	0.1	
	University	Colorado	1.026	0.1	0.3	0.6	0.5	0.6	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	
	Colorado	Quebec	2.068	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	
	Quebec	Yosemite	1.388	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
	Yosemite	I-25	0.635	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Total		13.749	0.9	2.2	5.0	2.6	1.5	1.1	1.9	1.3	0.7	0.7	0.6	0.8	0.9	0.7	



Table 3

## Revenue and Transaction

User	Direction	From	To	Revenue																Transactions																Average Toll Price (2013)																																																																																			
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00	Total	6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00	Total	6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00	Total																																																																							
																																												Westbound																																																																											
																																								Eastbound																																																																															
																																								Total																																																																															
User	Direction	From	To	Revenue																Transactions																Average Toll Price (2013)																																																																																			
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00	Total	6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00	Total	6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00	Total																																																																							
																																												Westbound																																																																											
																																								Eastbound																																																																															
																																								Total																																																																															
User	Direction	From	To	Revenue																Transactions																Average Toll Price (2013)																																																																																			
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00	Total	6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00	Total	6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00	Total																																																																							
																																												Westbound																																																																											
																																								Eastbound																																																																															
																																								Total																																																																															



Table 5a  
Westbound Managed Lane Speed

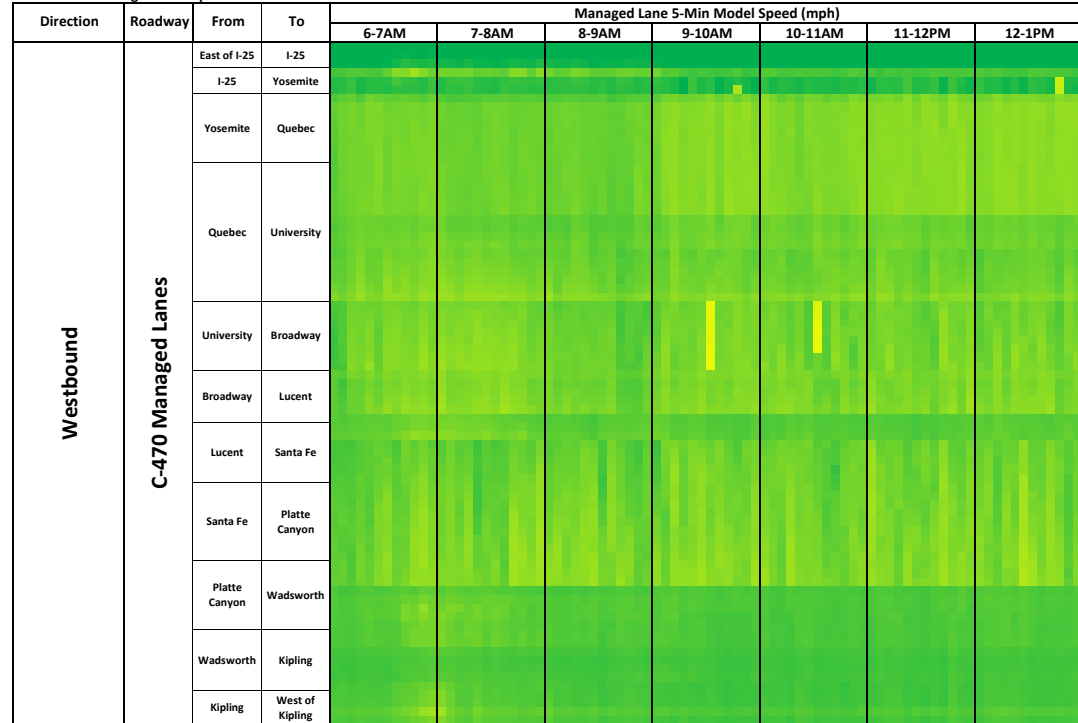


Table 5b  
Westbound General Purpose Lane Speed

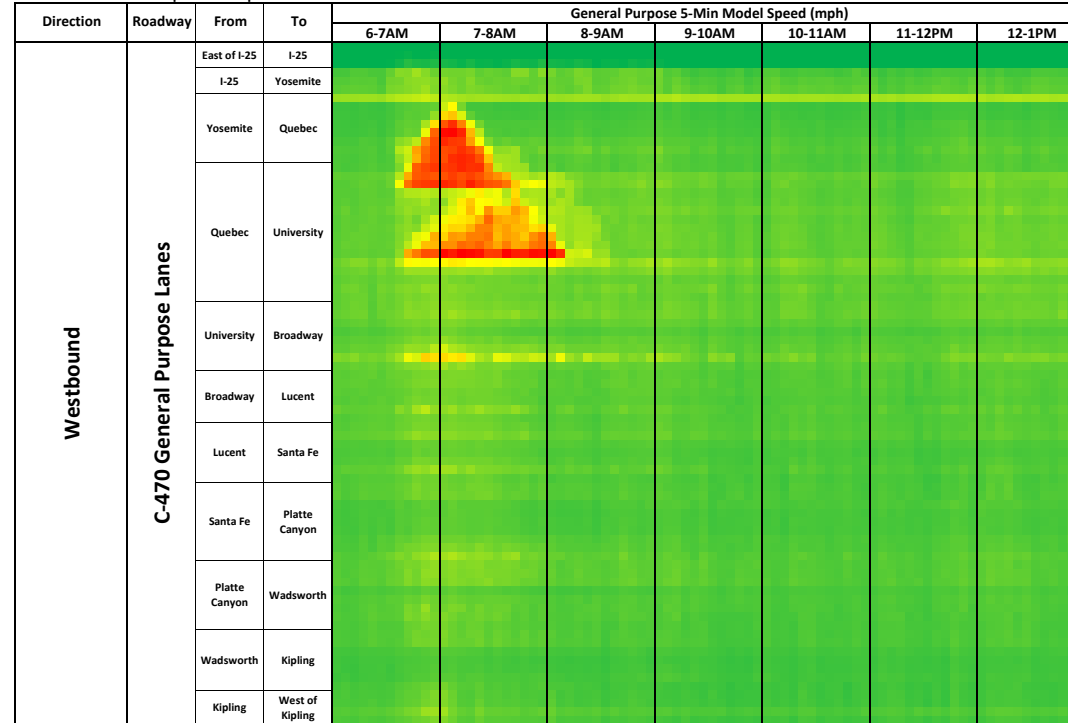


Table 5c  
Eastbound Managed Lane Speed

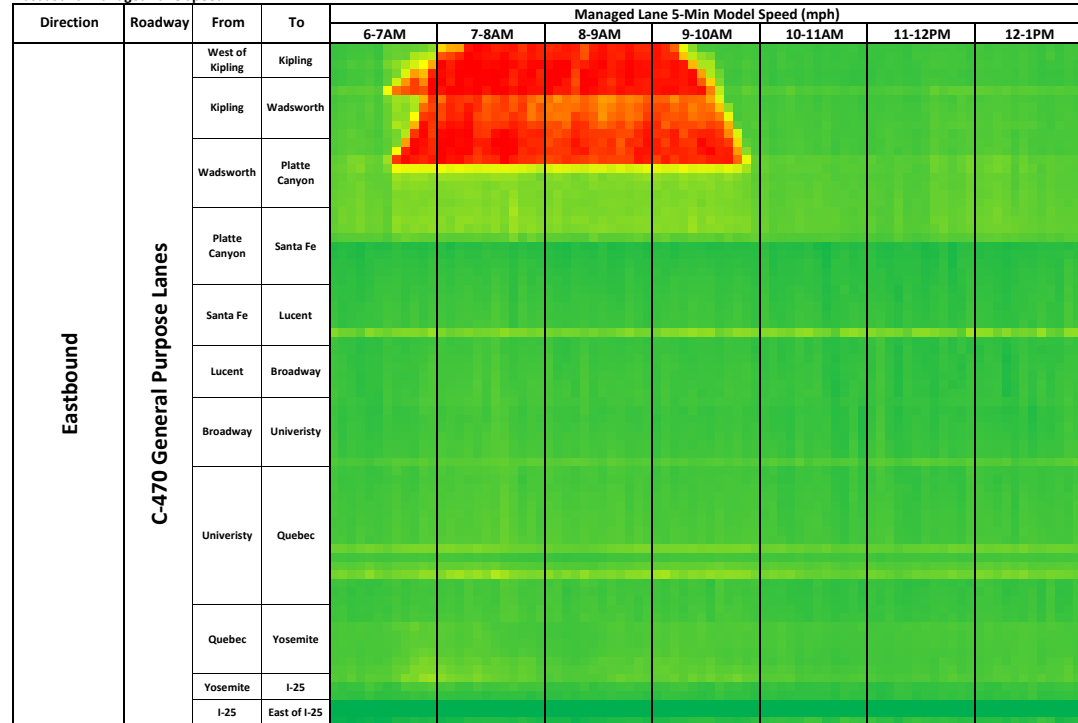


Table 5d  
Eastbound General Purpose Lane Speed

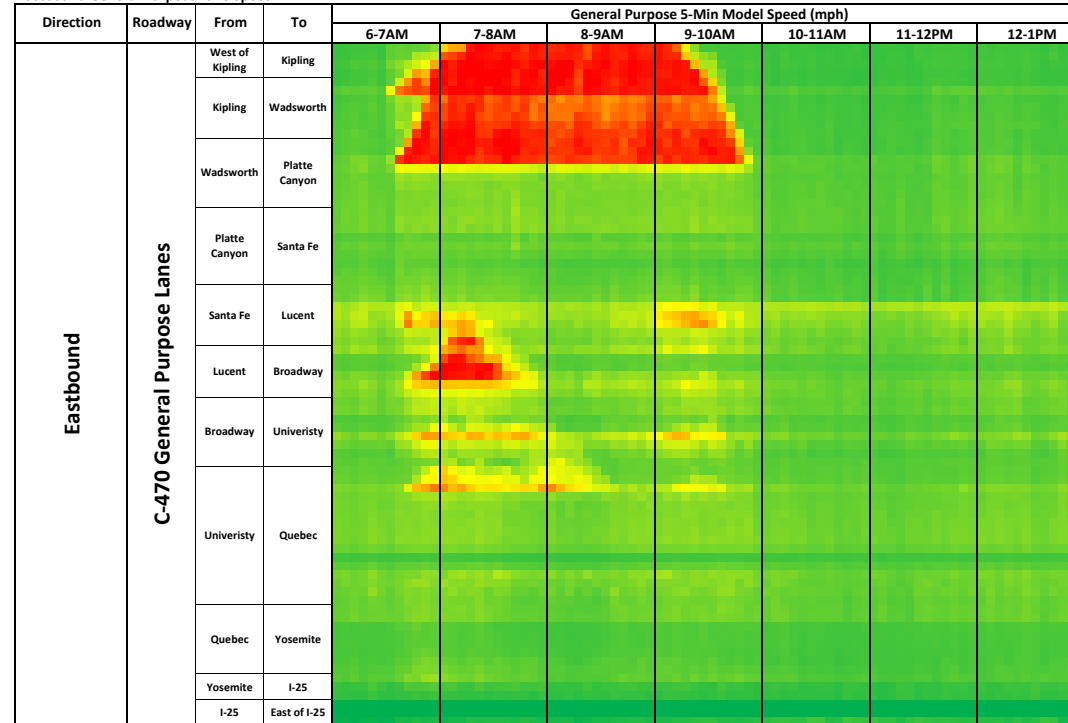


Table 5e  
NB I-25 Speed

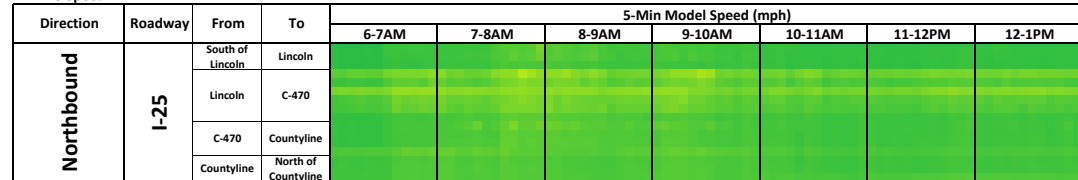


Table 5f  
SB I-25 Speed

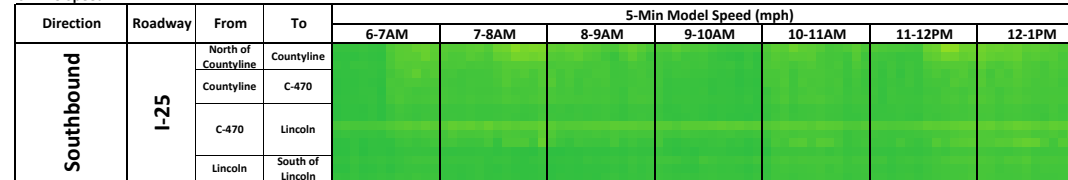




Table 6a  
Westbound Managed Lane Volume

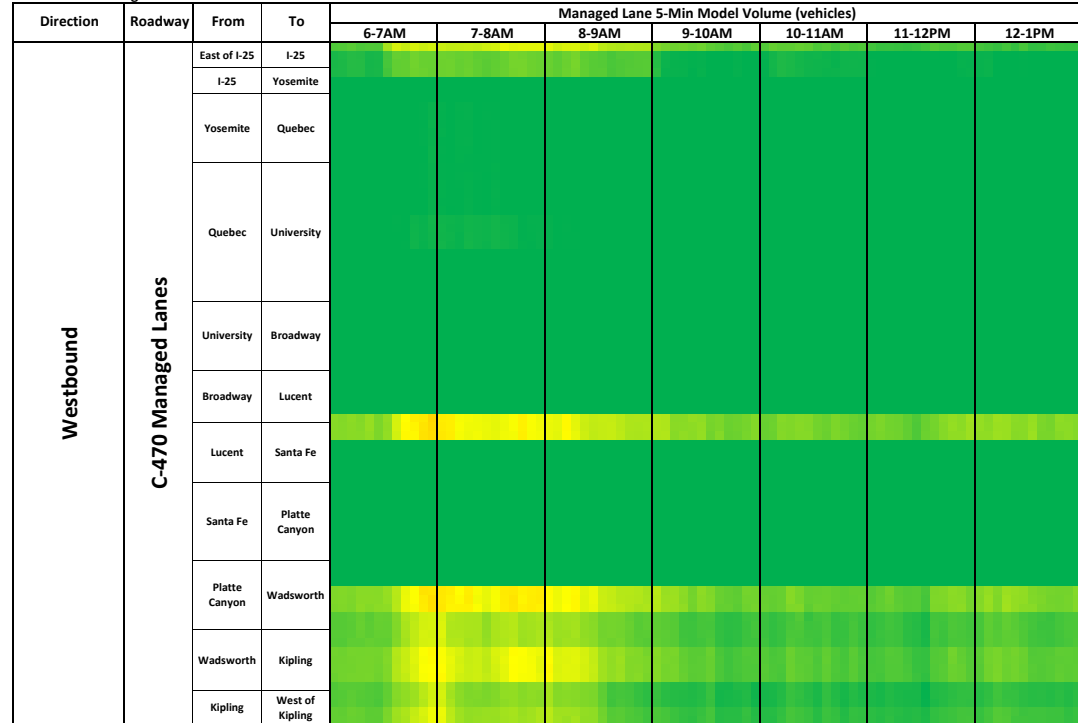


Table 6b  
Westbound General Purpose Lane Volume

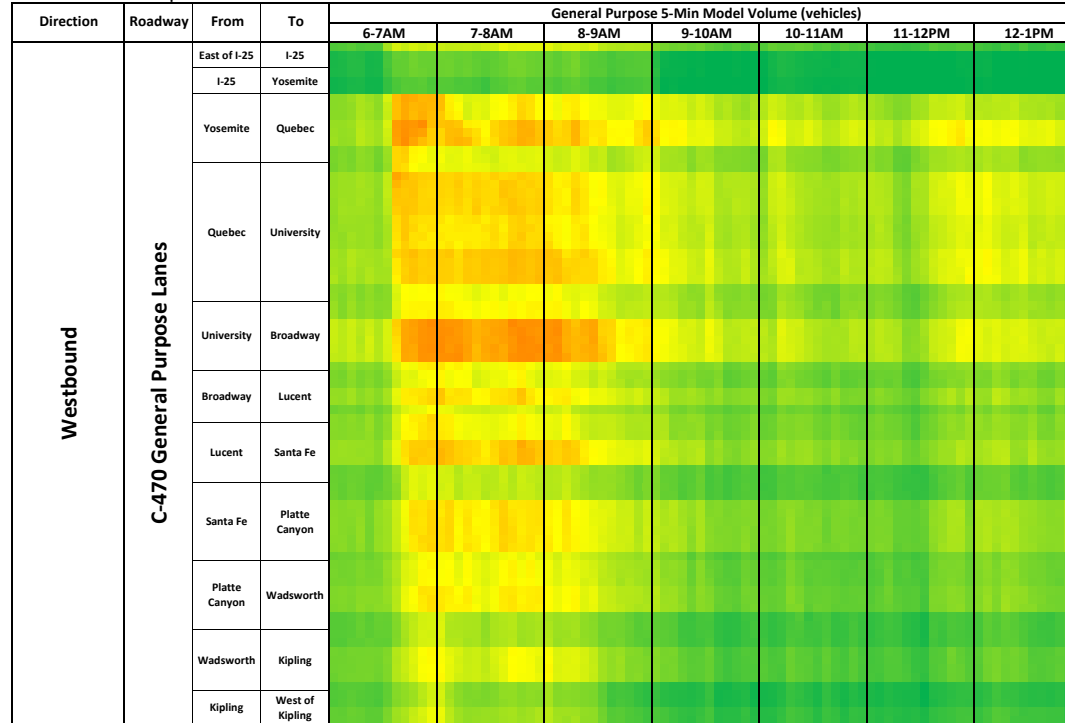


Table 6c  
Eastbound Managed Lane Volume

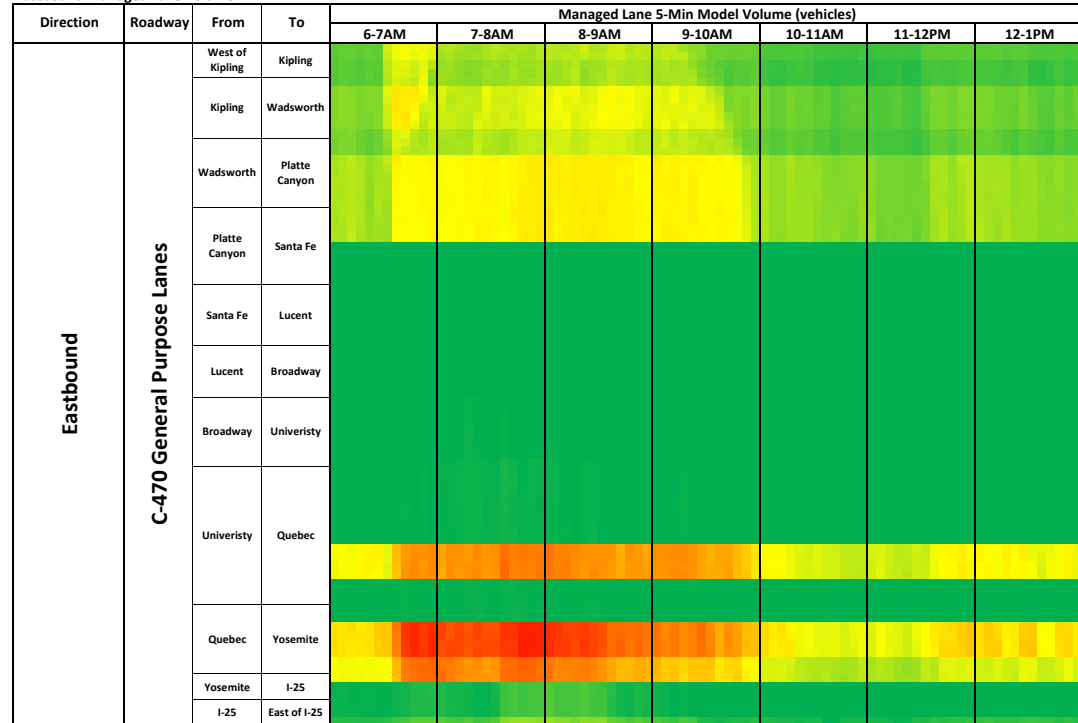


Table 6d  
Eastbound General Purpose Lane Volume

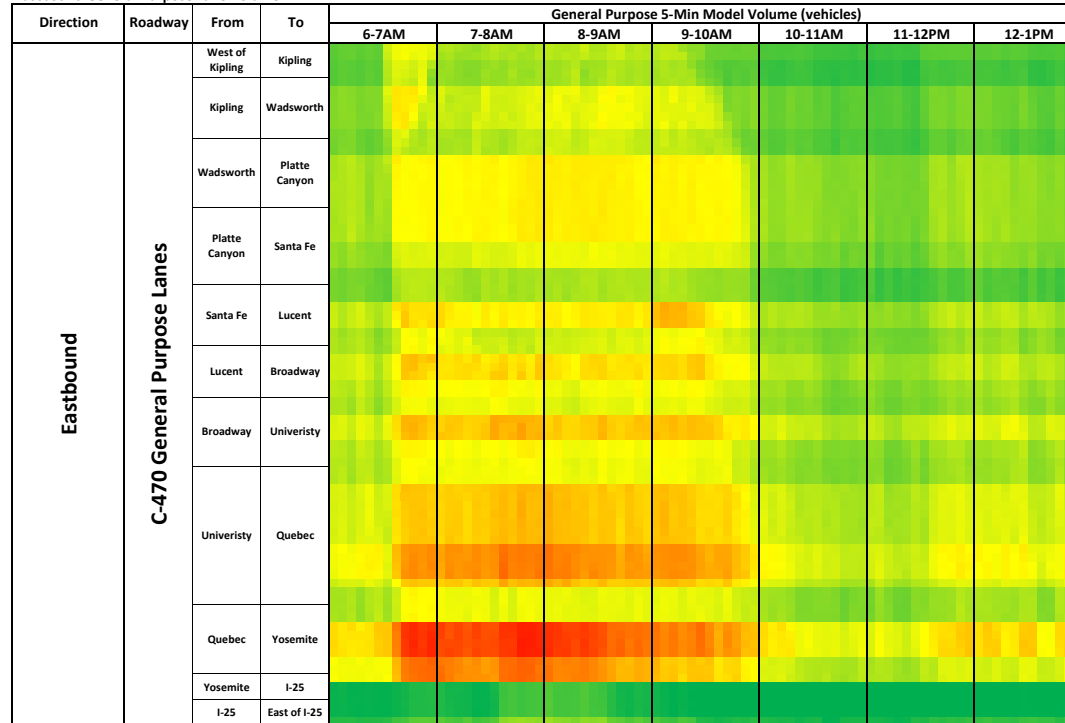


Table 6e  
NB I-25 Volume

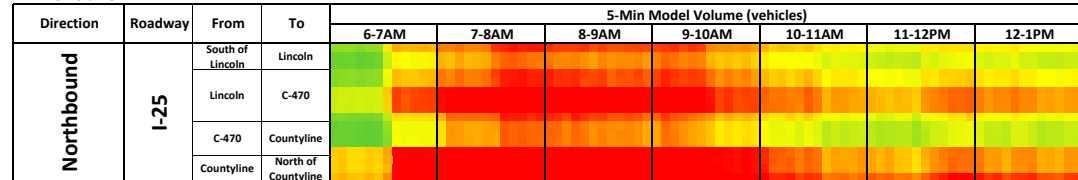
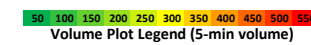
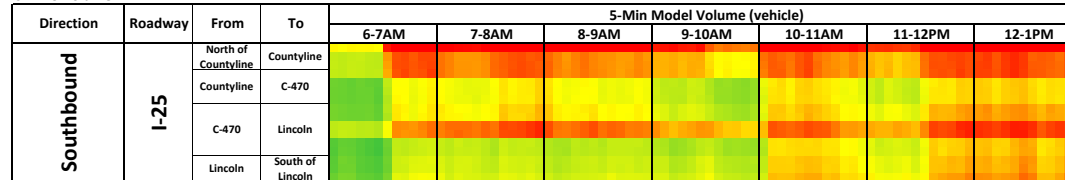


Table 6f  
SB I-25 Volume



## **Appendix D-2**

### **Option C Interim Fixed Pricing I 2018 PM**

**Table 1**  
**Network Summary**

Run#	Total VMT (veh-mi)	Total VHT (veh-hr)	Avg Spd (mph)	Avg Delay (s)	Latent Demand	Total Revenue (2013\$)
run1	1,513,680	38,954	38.86	109	5,217	\$35,850
run2	1,513,860	39,590	38.24	115	5,434	\$35,252
run3	1,519,611	39,855	38.13	117	4,911	\$37,062
run4	1,513,041	39,342	38.46	113	5,559	\$36,837
run5	1,517,514	39,567	38.35	114	5,522	\$39,276
run6						
run7						
run8						
run9						
run10						
Average	1,515,541	39,462	38.41	114	5,329	\$36,855

Revenue and Transaction by User Class

	Transponder	License Plate	Total
Revenue	\$17,811.45	\$19,043.90	\$36,855.35
Transaction	6,149	5,335	11,484
Avg Toll	\$2.90	\$3.57	\$3.21

Minimum Number of Runs Needed:

	Mean	Speed (mph)	Revenue (\$)
		38.41	36,855
Standard Deviation		0.28	1539
Target Error %	1.0%	3	68
	2.5%	1	11
	3.5%	1	6
	5.0%	1	3
	10.0%	1	1

Table 2a  
Westbound Travel Time

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>WB C-470 - Managed Lane</b>	I-25	Yosemite	0.622	0.6	0.6	0.6	0.6	0.6	17.2	6.0	2.2	2.5	1.4	1.4	2.1	0.8	0.6
	Yosemite	Quebec	1.401	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.4	1.4	1.4	1.5	1.5
	Quebec	Colorado	2.063	2.2	2.3	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.2	2.1	2.1	2.3	2.2
	Colorado	University	1.030	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.1	1.1	1.0	1.1	1.1
	University	Broadway	1.489	1.6	1.5	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.6	1.5	1.5	1.6	1.6
	Broadway	Lucent	1.181	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.3	1.3	1.2	1.3	1.3
	Lucent	Santa Fe	1.403	1.4	1.4	1.5	1.4	1.4	1.5	1.4	1.5	1.5	1.5	1.5	1.4	1.4	1.4
	Santa Fe	Platte Canyon	1.581	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.7	1.7	1.7	1.7	1.7	1.6	1.6
	Platte Canyon	Wadsworth	1.529	1.6	1.6	1.7	1.7	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.6	1.6	1.5
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4
	Total		13.754	14.3	14.3	14.5	14.5	14.6	31.4	20.2	16.7	16.9	15.4	15.0	15.5	14.8	14.2
<b>WB C-470 - General Purpose Lanes</b>	I-25	Yosemite	0.622	0.6	0.6	0.6	2.8	19.8	41.0	42.1	24.0	22.2	11.9	5.7	8.3	3.9	0.6
	Yosemite	Quebec	1.401	1.4	1.4	2.4	7.2	9.5	10.9	11.6	11.7	12.2	6.0	5.0	9.0	5.9	1.4
	Quebec	Colorado	2.063	2.3	2.3	3.3	4.6	6.7	7.8	8.8	9.5	9.0	7.3	6.1	6.9	6.9	3.6
	Colorado	University	1.030	1.1	1.1	1.2	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.2
	University	Broadway	1.489	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.6	1.6	1.5	1.6	1.5
	Broadway	Lucent	1.181	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	2.2	2.1	1.3	1.2	1.2	1.2
	Lucent	Santa Fe	1.403	1.4	1.4	1.4	1.5	1.5	1.5	1.6	2.2	4.8	3.9	1.8	1.4	1.4	1.4
	Santa Fe	Platte Canyon	1.581	1.6	1.6	1.6	1.7	1.7	1.9	2.1	3.9	4.8	4.1	2.9	1.6	1.6	1.5
	Platte Canyon	Wadsworth	1.529	1.5	1.5	1.6	1.6	1.6	1.7	1.8	1.8	1.8	1.8	1.7	1.5	1.5	1.5
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4
	Total		13.540	14.1	14.2	16.3	24.9	46.5	70.7	73.8	59.0	61.6	41.6	28.9	34.3	26.8	15.3
<b>WB C-470 - Travel Time Saving</b>	I-25	Yosemite	0.622	0.0	0.0	0.1	2.2	19.1	23.8	36.0	21.8	19.7	10.4	4.3	6.2	3.1	0.0
	Yosemite	Quebec	1.401	-0.1	-0.1	0.9	5.7	8.0	9.3	10.0	10.2	10.7	4.6	3.6	7.6	4.4	-0.1
	Quebec	Colorado	2.063	0.0	0.1	1.0	2.4	4.5	5.5	6.4	7.2	6.8	5.2	4.0	4.8	4.6	1.4
	Colorado	University	1.030	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.4	0.3	0.1
	University	Broadway	1.489	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1
	Broadway	Lucent	1.181	-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.8	0.8	0.0	0.0	-0.1	-0.1
	Lucent	Platte Canyon	1.403	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.7	3.3	2.4	0.4	0.0	0.0	0.0
	Platte Canyon	Santa Fe	1.581	-0.1	-0.1	-0.1	0.0	0.1	0.3	0.5	2.2	3.1	2.4	1.2	-0.1	-0.1	-0.1
	Santa Fe	Wadsworth	1.529	-0.1	-0.1	-0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	-0.1	-0.1	-0.1
	Wadsworth	Kipling	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total		13.540	-0.2	-0.1	1.8	10.4	32.0	39.3	53.6	42.4	44.8	26.1	13.9	18.8	12.1	1.1

**Table 2b**  
**Eastbound Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)														
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00	
<b>EB C-470 - Managed Lane</b>	Kipling	Wadsworth	1.454	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.4	1.4
	Wadsworth	Platte Canyon	1.530	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.4
	Platte Canyon	Santa Fe	1.569	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4
	Santa Fe	Lucent	1.403	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Lucent	Broadway	1.204	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	Broadway	University	1.473	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	University	Colorado	1.026	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Colorado	Quebec	2.068	1.9	2.0	1.9	1.9	2.0	2.0	1.9	1.9	1.9	1.9	1.9	2.0	2.0	1.9	1.9
	Quebec	Yosemite	1.388	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>13.0</b>	<b>13.0</b>	<b>13.0</b>	<b>13.0</b>	<b>13.1</b>	<b>13.2</b>	<b>13.0</b>	<b>13.0</b>	<b>13.1</b>	<b>13.1</b>	<b>13.2</b>	<b>13.1</b>	<b>13.0</b>	<b>12.7</b>	
<b>EB C-470 - General Purpose Lanes</b>	Kipling	Wadsworth	1.454	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.4	1.4	
	Wadsworth	Platte Canyon	1.530	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.6	1.6	1.6	1.5	1.5	1.4
	Platte Canyon	Santa Fe	1.569	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5
	Santa Fe	Lucent	1.403	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.4	1.5	1.4	1.5	1.5	1.4	1.3	1.3
	Lucent	Broadway	1.204	1.2	1.2	1.2	1.2	1.3	1.3	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.1	1.1
	Broadway	University	1.473	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.5	1.5	1.5	1.8	1.6	1.5	1.4	1.4
	University	Colorado	1.026	1.0	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.1	1.1	1.0	1.0
	Colorado	Quebec	2.068	2.1	2.1	2.1	2.1	2.1	2.2	2.1	2.1	2.1	2.1	2.0	2.2	2.2	2.1	2.0
	Quebec	Yosemite	1.388	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.4	1.4	1.3	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>13.6</b>	<b>13.7</b>	<b>13.7</b>	<b>13.8</b>	<b>14.1</b>	<b>14.3</b>	<b>13.9</b>	<b>13.7</b>	<b>13.7</b>	<b>13.7</b>	<b>14.5</b>	<b>14.0</b>	<b>13.5</b>	<b>13.0</b>	
<b>EB C-470 - Travel Time Saving</b>	Kipling	Wadsworth	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Wadsworth	Platte Canyon	1.530	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Platte Canyon	Santa Fe	1.569	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
	Santa Fe	Lucent	1.403	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.0	0.0
	Lucent	Broadway	1.204	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0
	Broadway	University	1.473	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.4	0.2	0.1	0.0	0.0
	University	Colorado	1.026	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.0
	Colorado	Quebec	2.068	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.1	0.1
	Quebec	Yosemite	1.388	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0
	Yosemite	I-25	0.635	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>Total</b>		<b>13.749</b>	<b>0.6</b>	<b>0.7</b>	<b>0.6</b>	<b>0.8</b>	<b>0.9</b>	<b>1.1</b>	<b>0.9</b>	<b>0.7</b>	<b>0.6</b>	<b>0.6</b>	<b>1.2</b>	<b>0.9</b>	<b>0.5</b>	<b>0.3</b>	

**Table 2c**  
**I-25 Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>NB I-25</b>	Lincoln	C-470	1.323	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2
	C-470	Countyline	0.761	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
	Total		2.084	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9
<b>SB I-25</b>	Countyline	C-470	0.761	0.7	0.8	0.7	0.8	0.8	0.9	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.7
	C-470	Lincoln	1.323	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.4	1.4	1.3	1.3	
	Total		2.084	2.0	2.0	2.0	2.1	2.1	2.2	2.1	2.1	2.1	2.1	2.2	2.3	2.1	2.1

**Table 2d**  
**NB/SB I-25 Ramp to C-470 WB Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>NB I-25 - General Purpose</b>	Lincoln	Yosemite	1.963	2.3	2.3	2.3	3.0	5.3	9.5	14.1	8.0	4.3	3.2	2.9	3.0	2.4	2.2
	Yosemite	Quebec	1.402	1.4	1.4	2.4	7.2	9.5	10.8	11.6	11.7	12.2	6.0	5.0	9.0	5.9	1.4
	Total		3.365	3.7	3.7	4.7	10.2	14.8	20.4	25.7	19.7	16.5	9.2	7.9	12.0	8.2	3.5
<b>NB I-25 - Managed Lane</b>	Lincoln	Yosemite	1.967	2.2	2.3	2.3	2.3	3.0	6.2	9.9	4.8	2.4	2.5	2.5	2.2	2.2	2.1
	Yosemite	Quebec	1.398	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5
	Total		3.364	3.8	3.8	3.8	3.9	4.6	7.7	11.5	6.4	4.0	4.1	4.1	3.8	3.8	3.7
<b>SB I-25 - General Purpose</b>	Countyline	Yosemite	1.142	1.2	1.2	1.2	2.4	5.0	9.4	11.0	5.6	4.8	2.9	1.9	2.3	1.4	1.2
	Yosemite	Quebec	1.402	1.4	1.4	2.4	7.2	9.5	10.8	11.6	11.7	12.2	6.0	5.0	9.0	5.9	1.4
	Total		2.544	2.7	2.7	3.6	9.6	14.5	20.2	22.6	17.3	17.1	8.9	6.9	11.3	7.3	2.6
<b>SB I-25 - Managed Lane</b>	Countyline	Yosemite	1.187	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Yosemite	Quebec	1.398	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.4	1.4	1.4	1.5	1.5
	Total		2.585	2.8	2.8	2.7	2.8	2.8	2.9	3.0	2.9	2.8	2.7	2.7	2.7	2.7	2.8







Table 5a  
Westbound Managed Lane Speed

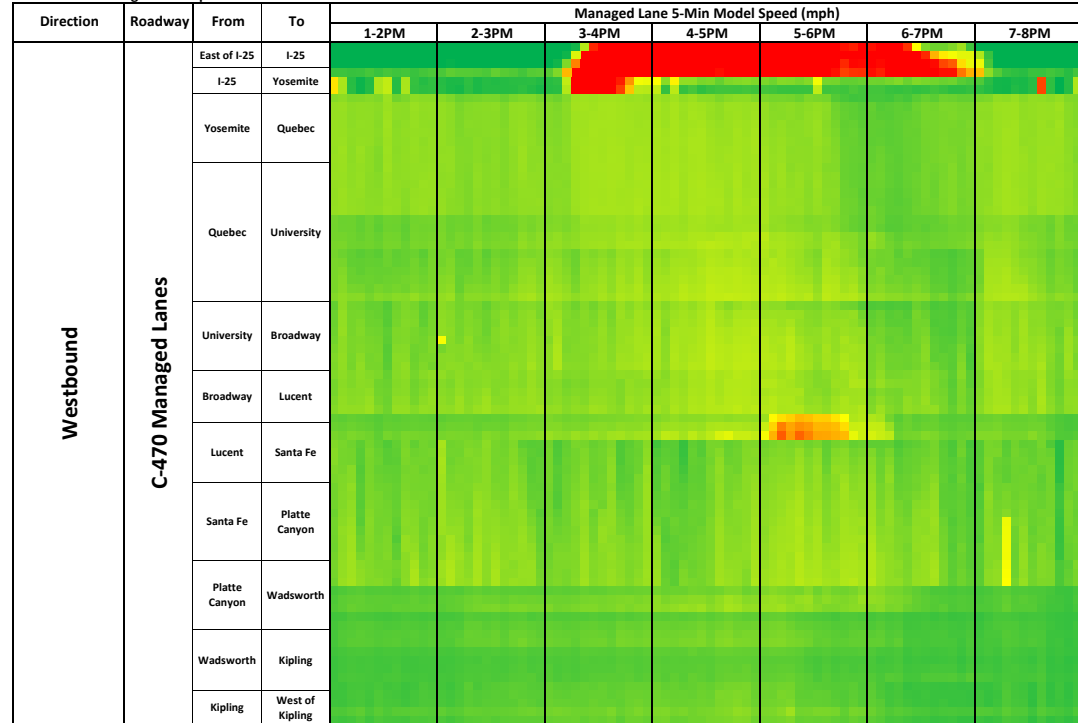


Table 5b  
Westbound General Purpose Lane Speed

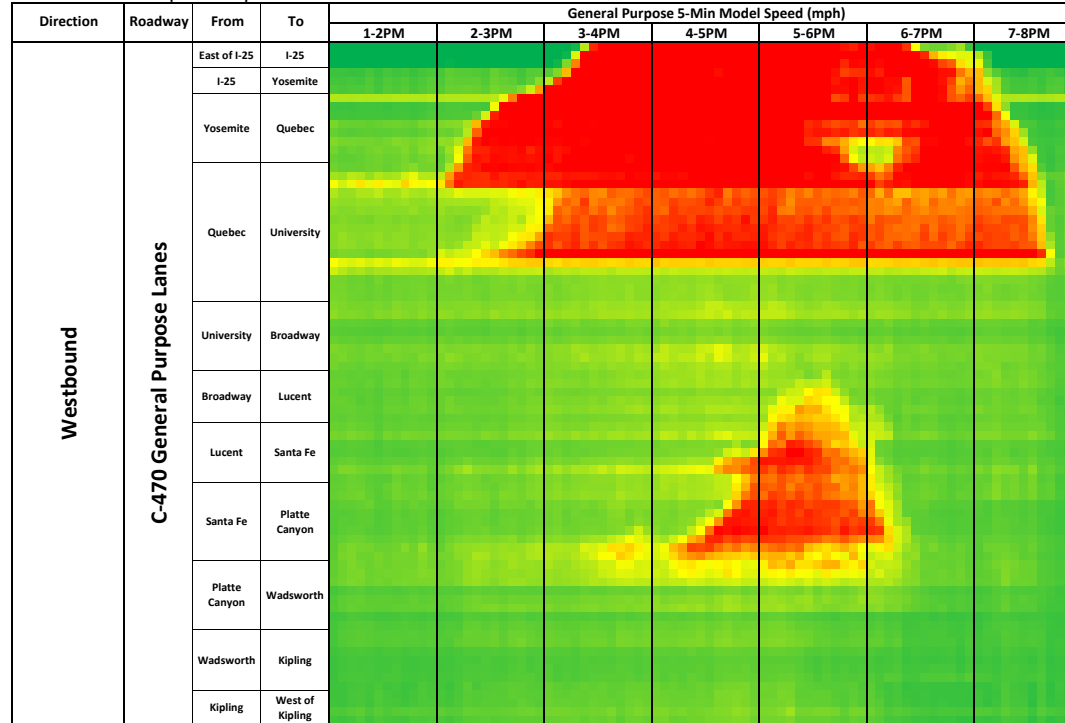


Table 5c  
Eastbound Managed Lane Speed

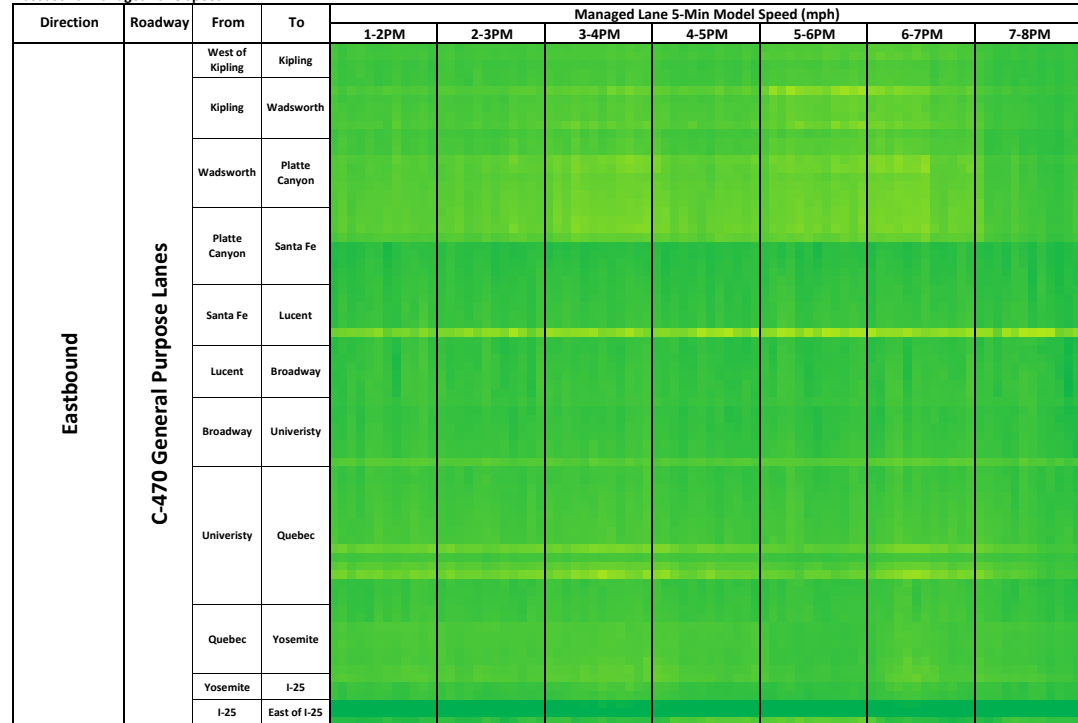


Table 5d  
Eastbound General Purpose Lane Speed

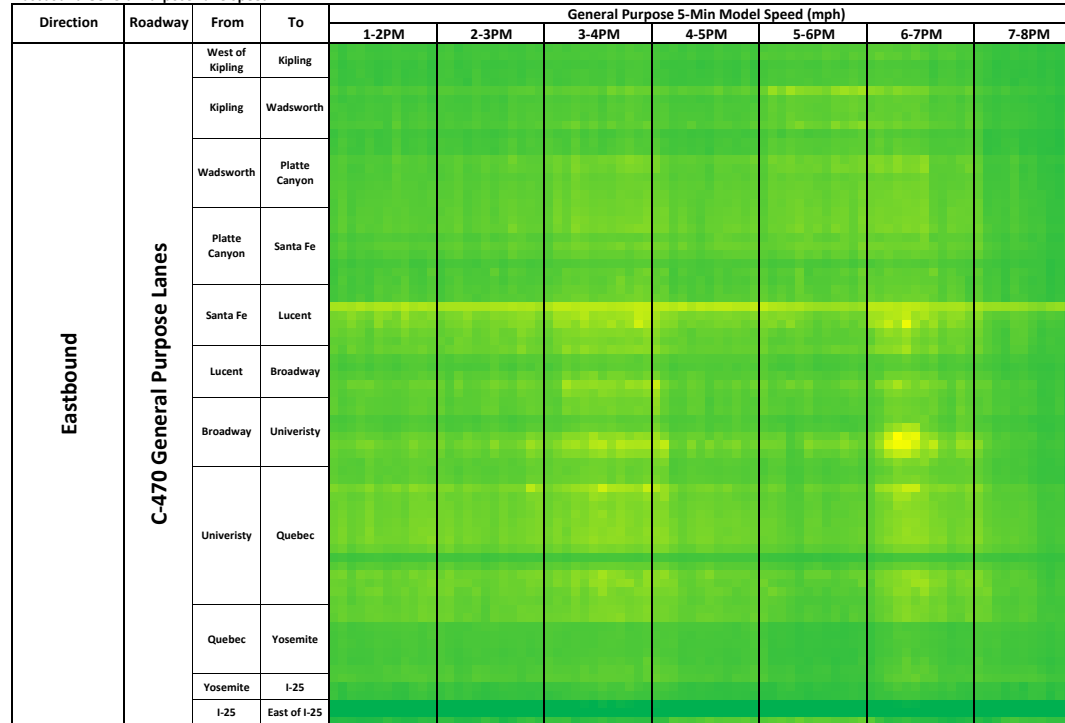


Table 5e  
NB I-25 Speed

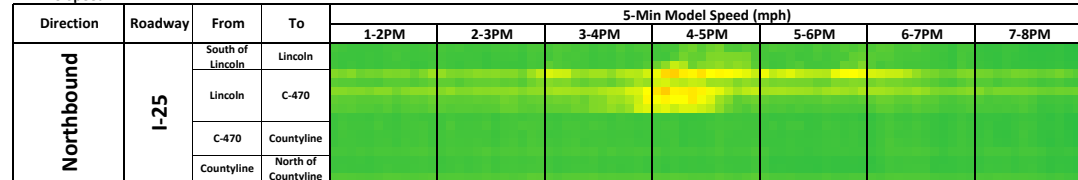


Table 5f  
SB I-25 Speed

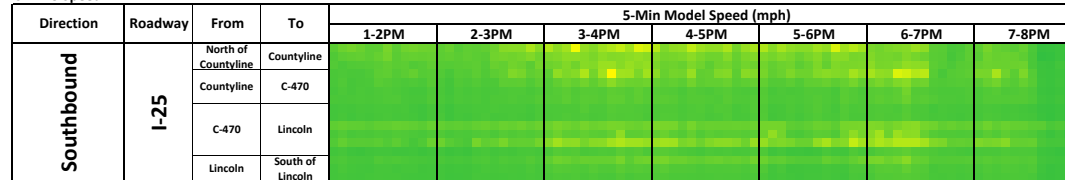


Table 6a  
Westbound Managed Lane Volume

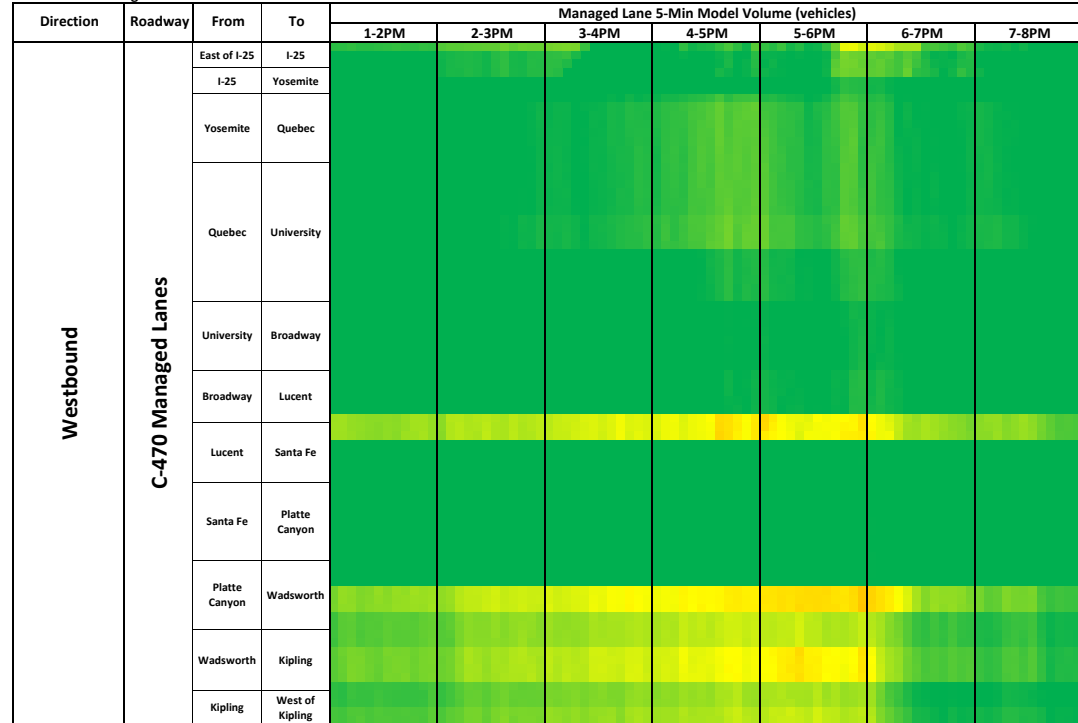


Table 6b  
Westbound General Purpose Lane Volume

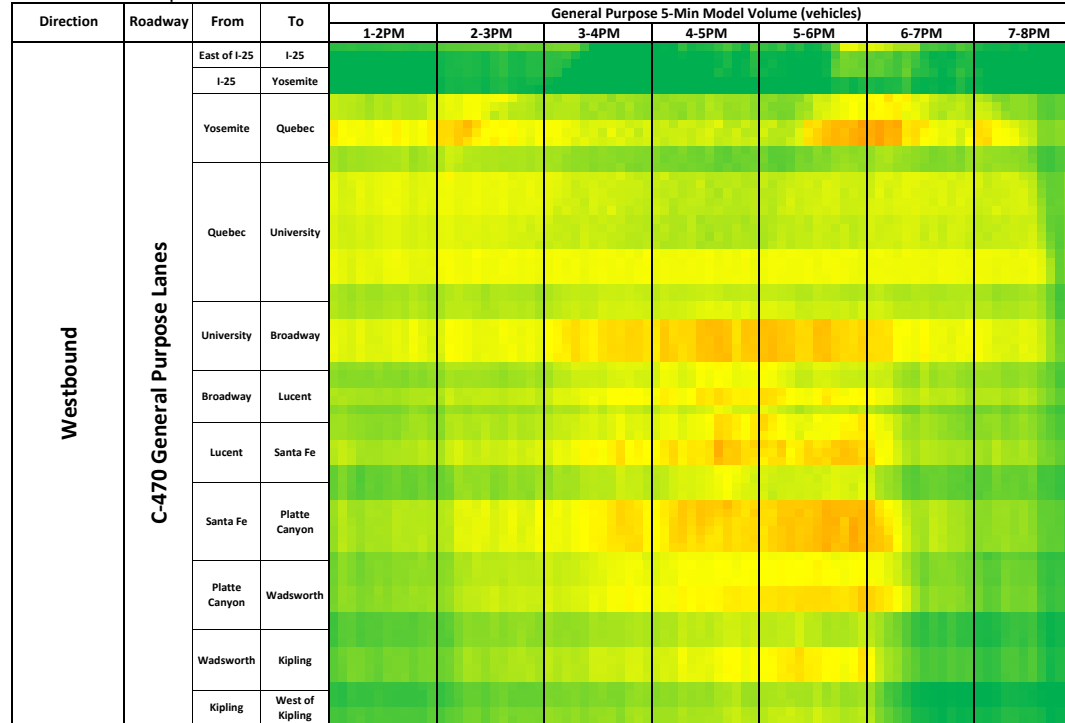


Table 6c  
Eastbound Managed Lane Volume

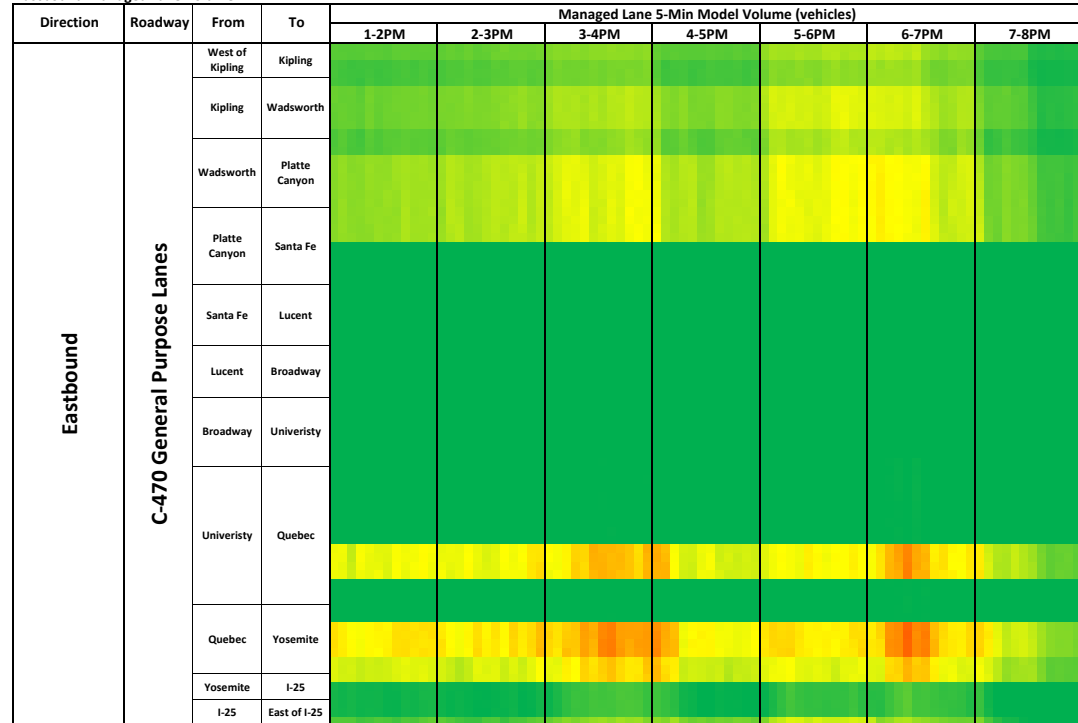


Table 6d  
Eastbound General Purpose Lane Volume

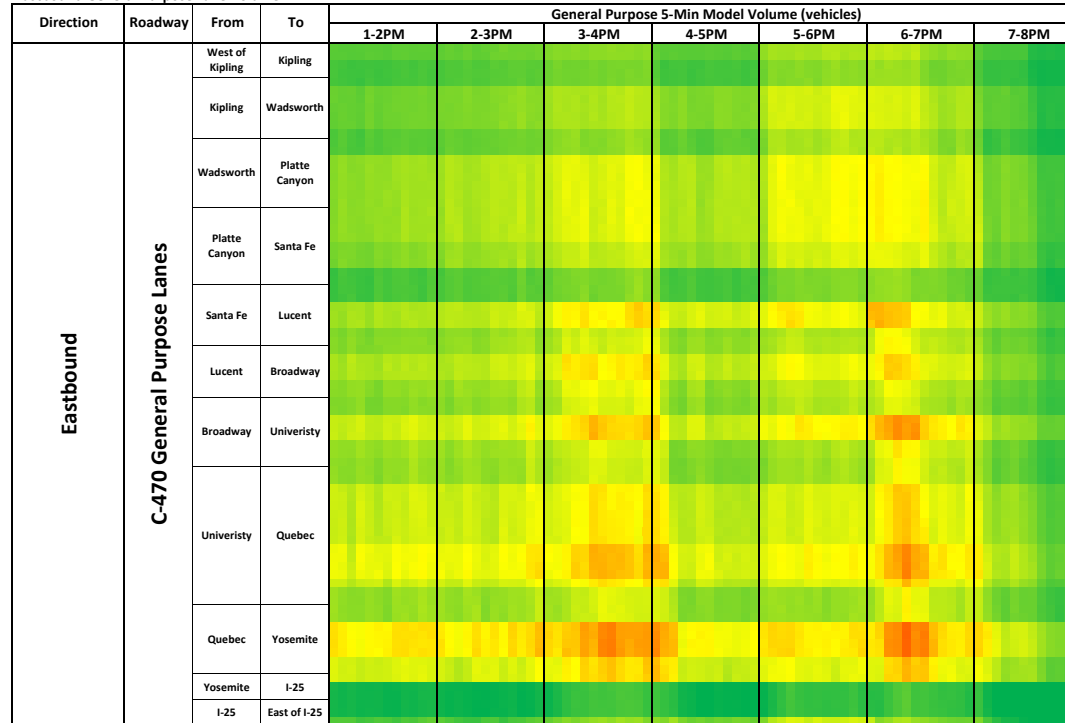


Table 6e  
NB I-25 Volume

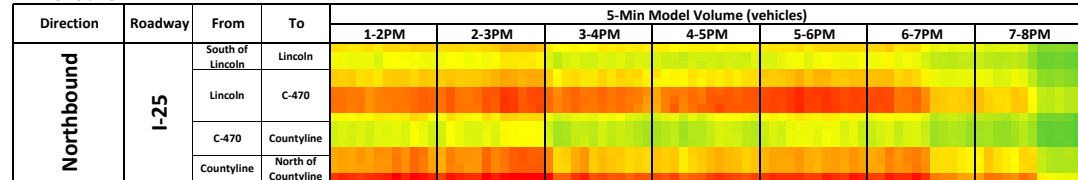
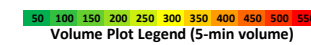
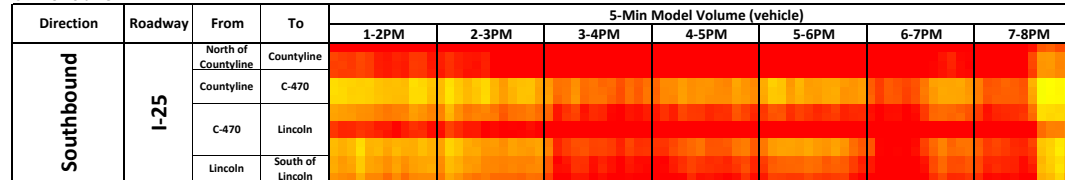


Table 6f  
SB I-25 Volume



## **Appendix D-3**

### **Option C Interim Fixed Pricing I 2025 AM**

**Table 1**  
**Network Summary**

Run#	Total VMT (veh-mi)	Total VHT (veh-hr)	Avg Spd (mph)	Avg Delay (s)	Latent Demand	Total Revenue (2013\$)
run1	1,589,812	49,458	32.15	205	10,634	\$34,234
run2	1,585,283	53,696	29.52	249	11,496	\$34,428
run3	1,540,822	66,733	23.09	393	18,660	\$37,382
run4	1,598,057	49,278	32.43	201	8,817	\$33,390
run5	1,609,815	45,653	35.26	163	6,896	\$29,323
run6						
run7						
run8						
run9						
run10						
Average	1,584,758	52,963	30.49	242	11,301	\$33,751

Revenue and Transaction by User Class

	Transponder	License Plate	Total
Revenue	\$19,882.05	\$13,869.20	\$33,751.25
Transaction	8,902	4,626	13,528
Avg Toll	\$2.23	\$3.00	\$2.49

Minimum Number of Runs Needed:

	Mean	Speed (mph)	Revenue (\$)
		30.49	33,751
Standard Deviation		4.61	2899
Target Error %	1.0%	878	284
	2.5%	141	46
	3.5%	72	24
	5.0%	36	12
	10.0%	9	3

**Table 2a**  
**Westbound Travel Time**

Direction	From	To	Distance (mi)	Model Travel Time (mins)														
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00	
<b>WB C-470 - Managed Lane</b>	I-25	Yosemite	0.622	0.6	0.7	1.3	1.2	1.1	1.2	1.2	0.8	0.6	0.6	0.6	0.6	0.6	0.6	
	Yosemite	Quebec	1.401	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5
	Quebec	Colorado	2.063	2.2	2.2	2.2	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	Colorado	University	1.030	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.0	1.0
	University	Broadway	1.489	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5
	Broadway	Lucent	1.181	1.2	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.2	1.3
	Lucent	Santa Fe	1.403	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.5	1.4	1.4	1.5
	Santa Fe	Platte Canyon	1.581	1.6	1.6	1.7	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
	Platte Canyon	Wadsworth	1.529	1.5	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	Wadsworth	Kipling	1.454	1.4	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	Total		13.754	13.9	14.4	15.0	14.6	14.7	14.6	14.8	14.6	14.3	14.2	14.1	14.2	14.1	14.2	
<b>WB C-470 - General Purpose Lanes</b>	I-25	Yosemite	0.622	0.6	1.0	2.7	1.5	1.4	2.5	1.8	1.7	0.6	0.6	0.6	0.6	0.6	0.6	
	Yosemite	Quebec	1.401	1.4	2.7	6.7	5.9	5.9	6.0	4.7	1.8	1.4	1.4	1.4	1.4	1.4	1.4	
	Quebec	Colorado	2.063	2.1	3.1	4.6	6.2	6.7	5.3	2.9	2.4	2.1	2.1	2.1	2.2	2.1	2.1	
	Colorado	University	1.030	1.1	1.2	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	
	University	Broadway	1.489	1.5	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
	Broadway	Lucent	1.181	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
	Lucent	Santa Fe	1.403	1.4	1.5	1.5	1.5	1.4	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	
	Santa Fe	Platte Canyon	1.581	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.6	1.6	1.6	
	Platte Canyon	Wadsworth	1.529	1.5	1.7	1.6	1.6	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
	Wadsworth	Kipling	1.454	1.4	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	
	Total		13.540	13.7	17.2	24.5	23.9	24.1	23.9	19.2	15.6	13.8	13.6	13.5	13.9	13.9		
<b>WB C-470 - Travel Time Saving</b>	I-25	Yosemite	0.622	0.0	0.2	1.4	0.3	0.3	1.3	0.6	0.9	0.0	0.1	0.0	0.1	0.1	0.1	
	Yosemite	Quebec	1.401	-0.1	1.3	5.3	4.5	4.5	4.6	3.3	0.4	0.0	-0.1	-0.1	0.0	-0.1	-0.1	
	Quebec	Colorado	2.063	-0.1	1.0	2.5	4.1	4.6	3.2	0.7	0.2	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	
	Colorado	University	1.030	0.0	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0	
	University	Broadway	1.489	0.0	0.1	0.1	0.0	0.0	0.0	-0.1	-0.1	0.0	-0.1	0.0	0.0	0.0	0.0	
	Broadway	Lucent	1.181	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	
	Lucent	Platte Canyon	1.403	0.0	0.1	0.0	0.1	0.0	0.1	0.0	-0.1	-0.1	-0.1	-0.1	0.0	0.0	-0.1	
	Platte Canyon	Santa Fe	1.581	-0.1	0.0	0.0	0.0	-0.1	0.0	-0.1	-0.2	-0.2	-0.1	-0.1	-0.1	-0.1	-0.1	
	Santa Fe	Wadsworth	1.529	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	
	Wadsworth	Kipling	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Total		13.540	-0.2	2.8	9.5	9.3	9.4	9.3	4.4	1.0	-0.6	-0.6	-0.6	-0.3	-0.2		

**Table 2b**  
**Eastbound Travel Time**

Direction	From	To	Distance (mi)	Model Travel Time (mins)														
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00	
EB C-470 - Managed Lane	Kipling	Wadsworth	1.454	1.4	3.7	7.1	6.7	6.4	6.1	6.7	6.4	4.3	13.2	5.3	5.6	3.9	2.5	
	Wadsworth	Platte Canyon	1.530	1.5	2.8	3.4	3.2	3.2	3.1	3.4	3.2	9.6	12.1	2.9	5.5	2.2	2.0	
	Platte Canyon	Santa Fe	1.569	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	8.1	3.2	2.7	3.5	1.6	1.6	
	Santa Fe	Lucent	1.403	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.7	1.4	3.7	1.9	1.3	1.3	
	Lucent	Broadway	1.204	1.1	1.1	1.2	1.1	1.1	1.1	1.2	1.2	1.5	1.7	2.9	1.1	1.1	1.1	
	Broadway	University	1.473	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.7	2.1	3.3	2.6	1.4	1.4	1.4
	University	Colorado	1.026	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.6	1.9	2.3	1.3	1.0	1.0	1.0
	Colorado	Quebec	2.068	2.0	2.0	2.0	2.0	2.0	2.0	2.2	15.8	13.6	8.4	5.0	2.3	2.0	2.0	2.0
	Quebec	Yosemite	1.388	1.3	1.3	1.4	1.3	1.4	5.9	20.4	14.7	6.7	3.3	1.8	1.3	1.3	1.3	
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.7	1.4	3.6	1.4	1.0	0.8	0.6	0.6	0.6	0.6	
	Total		13.749	13.1	16.9	21.0	20.3	20.0	25.1	56.5	46.9	45.3	46.3	26.0	23.9	16.4	14.7	
EB C-470 - General Purpose Lanes	Kipling	Wadsworth	1.454	1.4	3.7	7.1	6.7	6.4	6.1	6.7	6.4	4.3	13.2	5.3	5.6	3.9	2.5	
	Wadsworth	Platte Canyon	1.530	1.5	2.8	3.4	3.2	3.2	3.1	3.4	3.2	9.6	12.1	2.9	5.5	2.2	2.0	
	Platte Canyon	Santa Fe	1.569	1.6	1.6	1.6	1.6	1.6	1.6	1.6	2.6	18.0	14.1	4.0	3.3	1.7	1.6	
	Santa Fe	Lucent	1.403	1.5	1.8	2.6	1.6	1.5	1.6	2.6	16.8	28.1	15.0	9.4	7.1	1.5	1.5	
	Lucent	Broadway	1.204	1.3	1.9	3.9	2.4	2.1	2.8	3.9	21.4	20.1	4.4	5.5	1.4	1.3	1.3	
	Broadway	University	1.473	1.5	2.2	3.3	3.8	4.1	4.3	8.8	23.7	18.9	5.3	2.2	1.6	1.6	1.5	
	University	Colorado	1.026	1.0	1.4	2.2	2.2	2.1	2.3	7.3	17.0	7.7	4.4	1.1	1.1	1.1	1.0	
	Colorado	Quebec	2.068	2.1	2.2	2.2	2.1	2.1	3.4	23.9	23.0	17.0	5.4	2.4	2.1	2.1	2.1	
	Quebec	Yosemite	1.388	1.4	1.4	1.4	1.4	1.4	5.9	24.9	21.3	10.6	3.7	1.8	1.4	1.4	1.4	
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.7	1.4	3.6	1.4	1.0	0.8	0.6	0.6	0.6	0.6	
	Total		13.749	14.0	19.6	28.5	25.7	25.2	32.4	86.7	136.9	135.4	78.3	35.1	29.5	17.3	15.5	
EB C-470 - Travel Time Saving	Kipling	Wadsworth	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Wadsworth	Platte Canyon	1.530	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Platte Canyon	Santa Fe	1.569	0.1	0.1	0.1	0.1	0.1	0.1	0.0	1.0	9.9	10.9	1.3	-0.3	0.1	0.1	
	Santa Fe	Lucent	1.403	0.2	0.5	1.2	0.2	0.2	0.2	1.2	15.4	26.4	13.5	5.7	5.2	0.2	0.2	
	Lucent	Broadway	1.204	0.2	0.8	2.8	1.3	0.9	1.7	2.7	20.2	18.6	2.7	2.6	0.2	0.1	0.1	
	Broadway	University	1.473	0.1	0.8	1.9	2.4	2.7	2.9	7.3	22.0	16.8	2.0	-0.4	0.2	0.1	0.1	
	University	Colorado	1.026	0.1	0.4	1.2	1.2	1.1	1.3	6.3	15.4	5.8	2.1	-0.2	0.1	0.1	0.1	
	Colorado	Quebec	2.068	0.2	0.2	0.2	0.1	0.1	1.1	8.1	9.4	8.6	0.4	0.1	0.2	0.2	0.2	
	Quebec	Yosemite	1.388	0.1	0.1	0.1	0.0	0.0	0.0	4.5	6.7	3.9	0.4	-0.1	0.1	0.1	0.1	
	Yosemite	I-25	0.635	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Total		13.749	0.9	2.8	7.4	5.4	5.1	7.4	30.2	90.0	90.0	32.0	9.1	5.6	0.8	0.8	

**Table 2c**  
**I-25 Travel Time**

Direction	From	To	Distance (mi)	Model Travel Time (mins)													
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00
NB I-25	Lincoln	C-470	1.323	1.2	1.3	1.3	1.8	2.5	2.0	1.4	1.4	1.3	1.3	1.2	1.3	1.3	1.3
	C-470	Countyline	0.761	0.7	0.7	0.7	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
	Total		2.084	1.9	2.0	2.1	2.6	3.3	2.7	2.2	2.1	2.1	2.0	2.0	2.0	2.0	2.0
SB I-25	Countyline	C-470	0.761	0.7	0.8	0.8	0.8	0.9	4.5	2.6	1.4	0.7	0.7	0.7	0.8	0.8	0.7
	C-470	Lincoln	1.323	1.2	1.3	1.3	1.4	3.1	7.2	4.0	2.4	1.4	1.3	1.3	1.3	1.3	1.3
	Total		2.084	1.9	2.0	2.0	2.2	4.0	11.7	6.6	3.7	2.1	2.0	2.0	2.1	2.1	2.1

**Table 2d**  
**NB/SB I-25 Ramp to C-470 WB Travel Time**

Direction	From	To	Distance (mi)	Model Travel Time (mins)													
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00
NB I-25 - General Purpose	Lincoln	Yosemite	1.963	2.2	2.5	2.6	3.1	5.1	4.1	3.4	3.8	2.4	2.3	2.2	2.3	2.3	2.2
	Yosemite	Quebec	1.402	1.4	2.7	6.7	5.9	5.9	6.0	4.7	1.8	1.4	1.4	1.4	1.4	1.4	1.4
	Total		3.365	3.5	5.1	9.3	9.0	10.9	10.1	8.1	5.6	3.8	3.6	3.6	3.7	3.7	3.6
NB I-25 - Managed Lane	Lincoln	Yosemite	1.967	2.1	2.4	2.3	3.0	4.9	3.7	2.5	3.8	2.4	2.2	2.2	2.2	2.2	2.2
	Yosemite	Quebec	1.398	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	Total		3.364	3.7	4.0	3.9	4.6	6.4	5.3	4.1	5.3	4.0	3.8	3.7	3.8	3.8	3.7
SB I-25 - General Purpose	Countyline	Yosemite	1.142	1.2	1.3	1.7	1.3	1.4	2.0	2.4	2.3	1.2	1.2	1.2	1.2	1.2	1.2
	Yosemite	Quebec	1.402	1.4	2.7	6.7	5.9	5.9	6.0	4.7	1.8	1.4	1.4	1.4	1.4	1.4	1.4
	Total		2.544	2.6	4.0	8.4	7.3	7.2	8.0	7.1	4.2	2.6	2.6	2.6	2.6	2.6	2.6
SB I-25 - Managed Lane	Countyline	Yosemite	1.187	1.3	1.3	1.3	1.3	1.3	1.7	1.6	1.4	1.3	1.3	1.2	1.3	1.3	1.3
	Yosemite	Quebec	1.398	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5
	Total		2.585	2.7	2.7	2.7	2.7	2.7	3.0	3.0	2.9	2.7	2.7	2.7	2.7	2.7	2.8

Table 3

## Revenue and Transaction

User	Direction	From	To	Revenue															Total	Transactions															Total	Average Toll Price (2013)															Total
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00	6:00-6:30		6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00	6:00-6:30	6:30-7:00		7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00				
Transponder Users	Westbound	SB I-25	University	38	65	79	86	82	68	52	50	42	38	33	44	44	49	771	19	33	35	38	37	30	26	25	21	19	16	22	22	24	368	2.00	2.00	2.25	2.25	2.25	2.25	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.10				
			Broadway	17	41	37	62	57	31	35	29	29	23	16	17	12	17	421	4	11	9	15	13	7	9	8	8	6	4	5	3	4	106	3.75	3.75	4.25	4.25	4.25	4.25	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.96				
			Santa Fe	21	35	35	30	51	23	39	29	19	20	10	26	17	23	378	6	9	8	7	12	5	10	8	5	5	3	7	5	6	96	3.75	3.75	4.25	4.25	4.25	4.25	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.92				
		Wadsworth	10	21	22	20	25	16	12	9	11	10	10	12	14	11	203	2	4	4	3	4	3	2	2	2	2	2	2	3	2	36	5.50	5.50	6.00	6.00	6.00	6.00	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.69					
		NB I-25	University	34	75	103	89	95	94	72	56	45	38	36	44	46	37	864	17	38	46	39	42	42	36	28	22	19	18	22	23	19	411	2.00	2.00	2.25	2.25	2.25	2.25	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.10				
			Broadway	17	30	42	34	44	33	42	28	14	14	13	14	15	11	350	5	8	10	8	10	8	11	7	4	4	3	4	4	3	88	3.75	3.75	4.25	4.25	4.25	4.25	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.95				
			Santa Fe	13	44	31	34	51	43	41	36	37	23	26	17	19	20	433	3	12	7	8	12	10	11	10	10	6	7	5	5	110	3.75	3.75	4.25	4.25	4.25	4.25	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.92					
		E-470	Wadsworth	8	17	18	30	28	19	26	21	14	13	13	11	11	11	240	1	3	3	5	5	3	5	4	3	2	2	2	2	42	5.50	5.50	6.00	6.00	6.00	6.00	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.69					
			University	34	93	169	177	218	167	60	46	40	35	18	25	28	25	1,133	17	46	75	79	97	74	30	23	20	17	9	12	14	12	526	2.00	2.00	2.25	2.25	2.25	2.25	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.15				
			Broadway	13	43	89	89	125	78	42	24	19	12	8	13	7	11	571	3	11	21	29	18	11	6	5	3	2	3	3	3	140	3.75	3.75	4.25	4.25	4.25	4.25	3.75	3.75	3.75	3.75	3.75	3.75	3.75	4.07					
		Quebec	Santa Fe	29	59	83	137	125	98	47	23	20	17	12	8	13	14	684	8	16	20	32	29	23	12	6	5	3	2	3	4	169	3.75	3.75	4.25	4.25	4.25	4.25	3.75	3.75	3.75	3.75	3.75	3.75	3.75	4.06					
			Wadsworth	12	33	28	74	82	46	20	17	6	11	8	10	4	7	356	2	6	5	12	14	8	4	3	1	2	1	1	61	5.50	5.50	6.00	6.00	6.00	6.00	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.81						
			University	10	10	9	18	22	22	9	24	18	16	26	30	30	26	268	6	6	4	9	11	11	5	14	10	9	15	17	15	148	1.75	1.75	2.00	2.00	2.00	2.00	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.81					
		University	Broadway	22	33	23	37	50	34	20	37	37	34	21	42	38	39	467	13	19	12	19	25	17	11	21	21	20	12	24	22	22	256	1.75	1.75	2.00	2.00	2.00	2.00	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.82				
			Santa Fe	46	68	39	35	43	36	28	38	37	46	37	59	55	49	616	26	39	20	18	21	18	16	22	21	26	21	34	31	28	341	1.75	1.75	2.00	2.00	2.00	2.00	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.81				
	Wadsworth		19	24	30	27	25	19	10	6	6	7	11	16	25	27	252	5	7	8	7	7	5	3	2	2	2	3	5	7	8	70	3.50	3.50	3.75	3.75	3.75	3.75	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.60					
	Westbound Total	University	24	46	44	38	35	27	23	22	32	33	26	31	20	29	441	14	26	25	22	20	15	13	12	18	19	15	18	17	17	252	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75					
		Wadsworth	56	95	64	41	42	34	30	28	43	35	36	40	41	40	624	32	54	37	23	24	19	17	16	25	20	23	23	23	357	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75							
		Broadway	16	33	24	29	32	16	13	11	14	19	11	16	18	13	263	9	19	14	17	18	9	8	6	8	11	6	9	10	7	157	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75						
	Eastbound	Wadsworth	Broadway	37	46	41	39	37	44	48	134	144	131	63	46	38	42	888	24	31	27	26	15	18	19	54	58	52	42	31	26	28	449	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.98					
			Quebec	29	45	74	62	57	52	94	222	147	109	34	28	46	36	1,034	19	30	50	41	23	21	38	89	59	43	23	18	30	24	508	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	2.04					
			Yosemite	104	145	197	177	216	242	384	613	541	498	148	140	190	174	3,767	70	97	131	118	86	97	153	245	216	199	98	93	127	116	1,847	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	2.04					
		Lucent	Quebec	14	23	30	33	36	24	41	80	135	119	19	17	13	11	595	10	16	20	22	14	10	16	32	54	48	12	11	9	8	281	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	2.12					
			Yosemite	66	90	102	114	125	158	175	175	292	250	55	62	56	59	1,778	44	60	68	76	50	63	70	70	117	100	37	41	37	39	872	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	2.04					
			Quebec	2	5	7	10	14	11	10	48	88	30	9	7	6	9	253	1	3	4	7	5	4	4	19	35	12	6	5	4	6	116	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	2.19					
		Broadway	Yosemite	36	61	51	71	66	80	83	187	233	144	43	63	51	47	1,214	24	40	34	47	26	32	33	75	93	58	29	42	34	31	598	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	2.03					
			Yosemite	34	51	47	55	59	54	52	179	269	52	37	43	47	42	1,019	23	34	31	36	23	21	21	72	107	21	25	29	31	28	503	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	2.03					
Eastbound Total			321	467	549	561	608	664	886	1,637	1,847	1,331	407	405	447	419	10,548	214	311	366	374	243	266	354	655	739	532	272	270	298	279	5,173	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	2.04						
Eastbound Total		University	759	1,330	1,518	1,649	1,838	1,666	1,806	2,169	2,329	1,773	776	880	913	876	19,882	416	677	727	756	674	592	595	877	950	729	435	487	512	485	8,902	1.87	1.97	2.09	2.18	2.73	2.65	2.53	2.47	2.50	2.43	1.78	1.81	1.81	2.23					
		Westbound Total	438	863	969	1,088	1,231	902	620	533	482	442	369	475	466	456	9,334	193	366	361	382	431	326	241	222	211	196	164	217	214	205	3,729	2.27	2.36	2.68	2.85	2.86	2.77	2.57	2.40	2.28	2.25	2.25	2.19	2.18	2.22	2.50				
		Eastbound Total	759	1,330	1,518	1,649	1,838	1,666	1,806	2,169	2,329	1,773	776	880	913	876	19,882	416	677	727	756	674	592	595	877	950	729	435	487	512	485	8,902	1.87	1.97	2.09	2.18	2.73	2.65	2.53	2.47	2.50	2.43	1.78	1.81	1.81	2.23					
License Plate User	Westbound	SB I-25	University	19	56	53	67	64	46	39	35	35	31	35	42	34	37	593	7	20	18	22	21	15	14	13	13	11	13	15	12	13	209	2.75	2.75	3.00	3.00	3.00	3.00	2.75	2.75	2.75	2.75	2.75	2.75	2.84					
			Broadway	14	22	25	32	22	24	21	16	7</																																							





Table 5a  
Westbound Managed Lane Speed

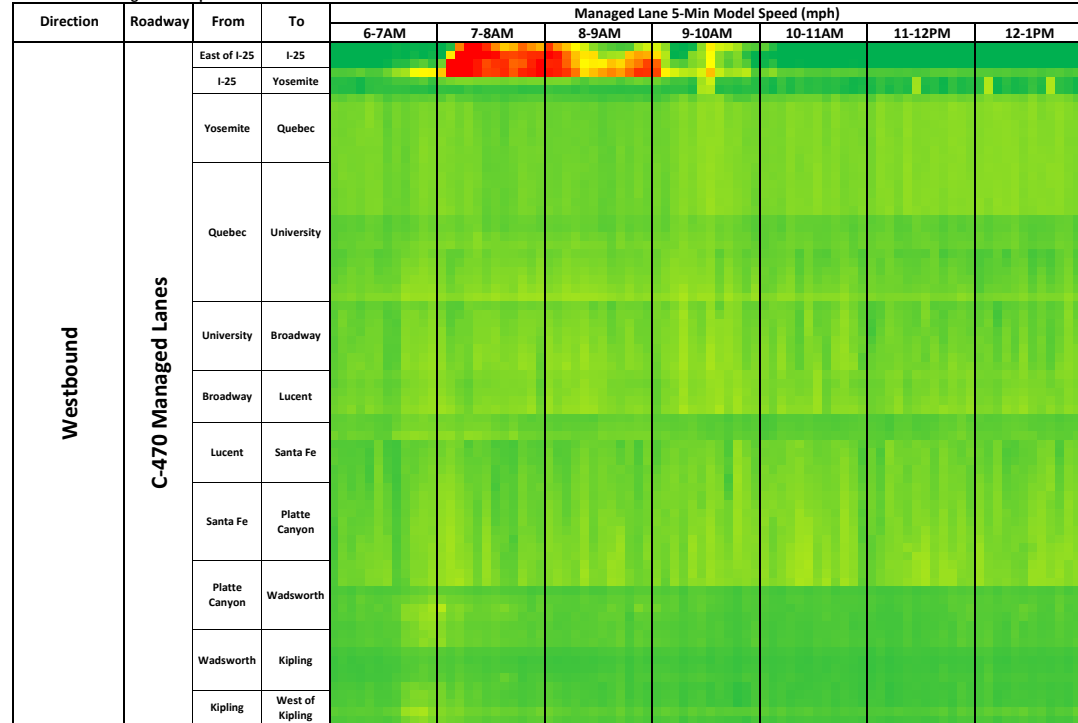


Table 5b  
Westbound General Purpose Lane Speed

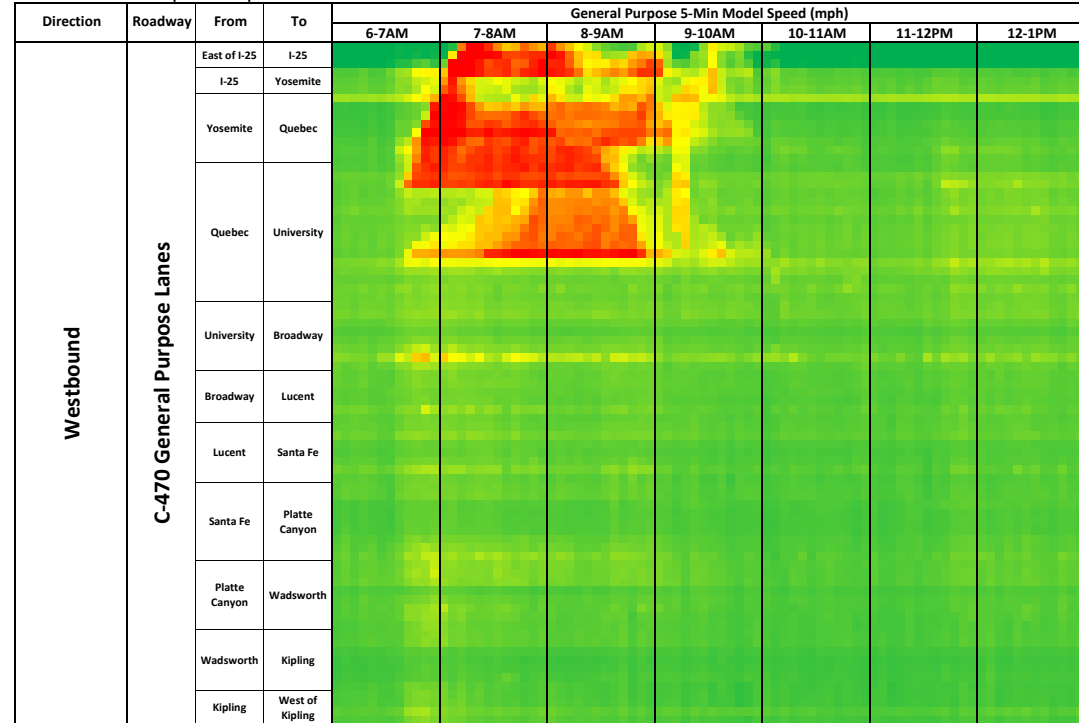


Table 5c  
Eastbound Managed Lane Speed

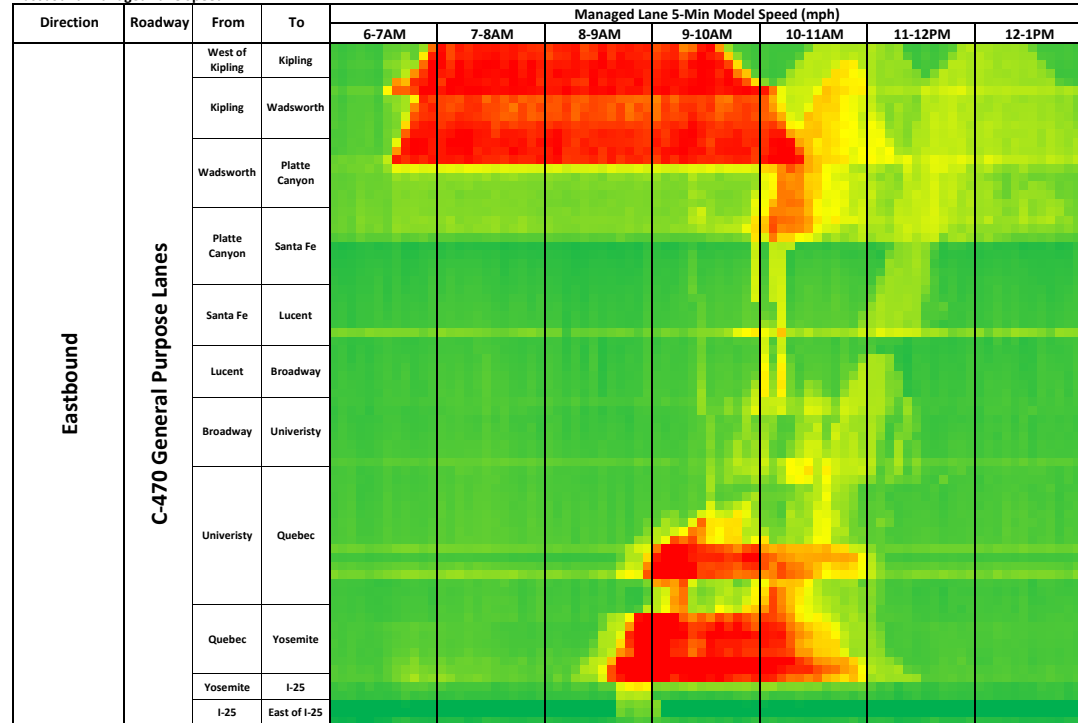


Table 5d  
Eastbound General Purpose Lane Speed

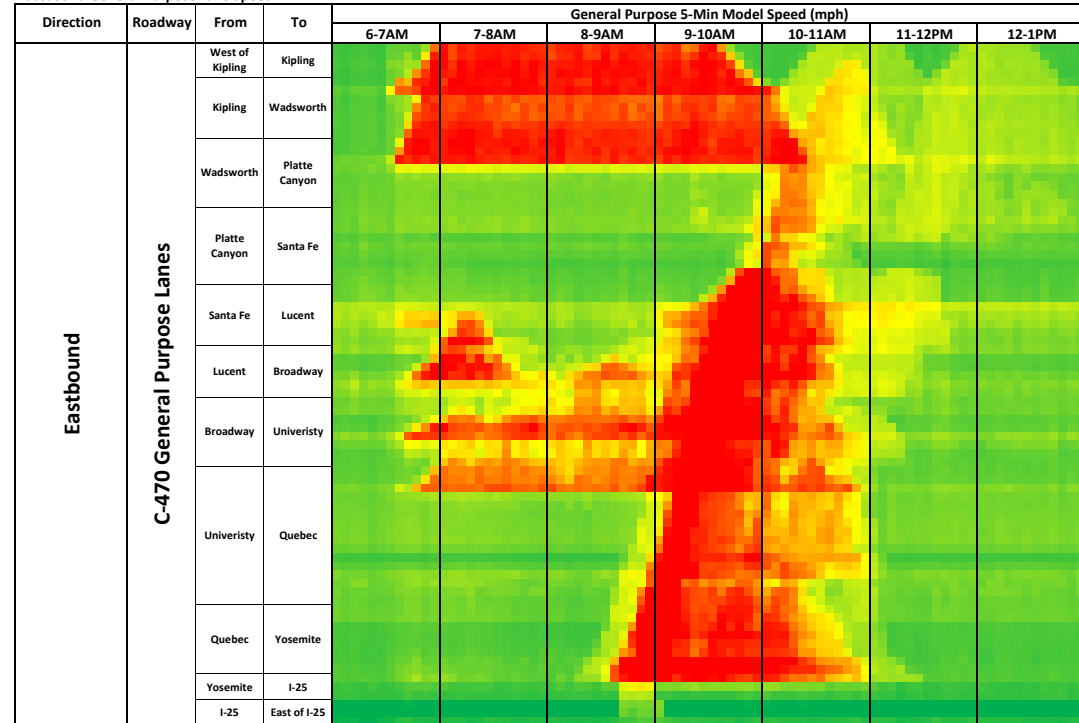


Table 5e  
NB I-25 Speed

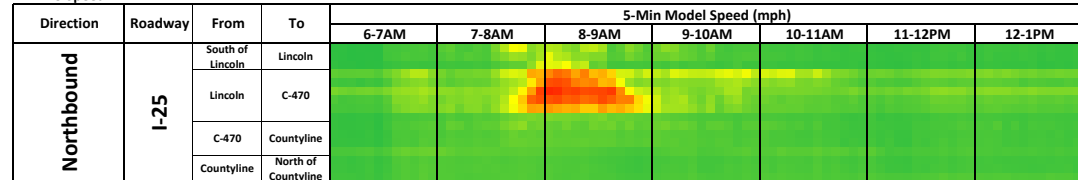


Table 5f  
SB I-25 Speed

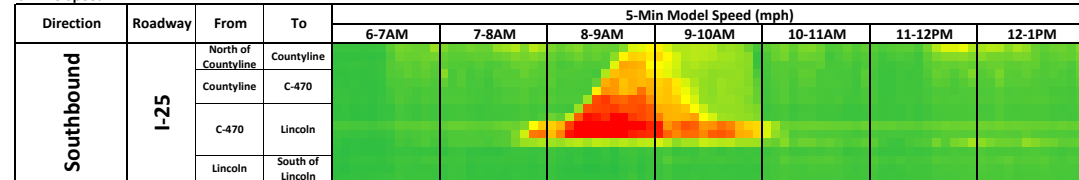


Table 6a  
Westbound Managed Lane Volume

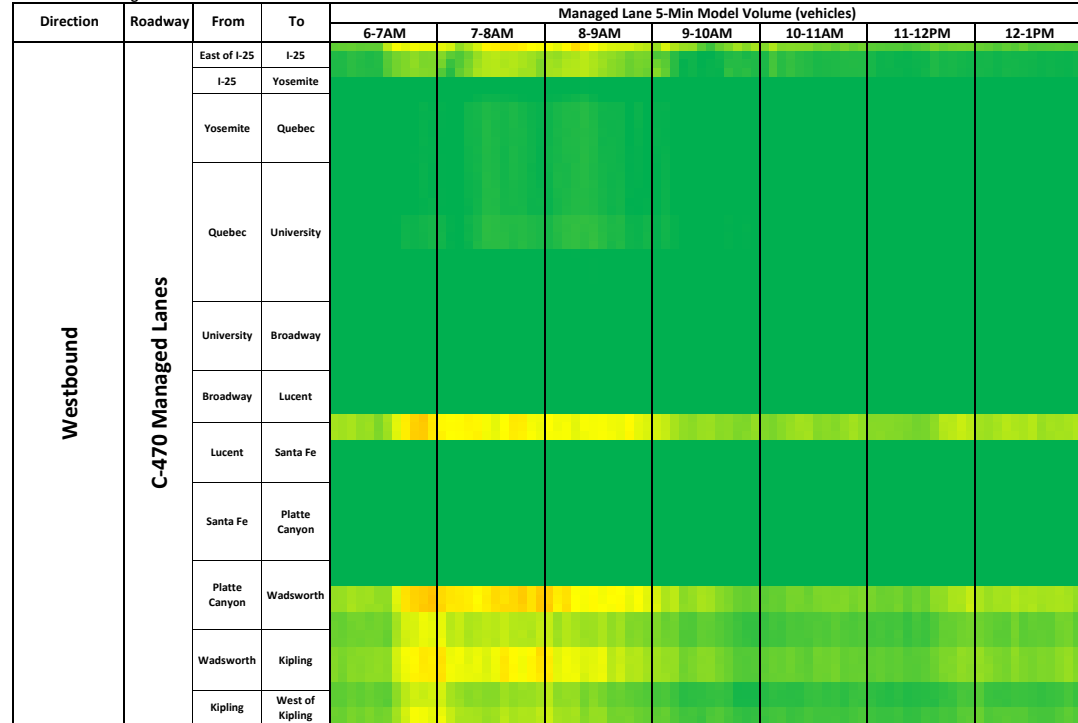


Table 6b  
Westbound General Purpose Lane Volume

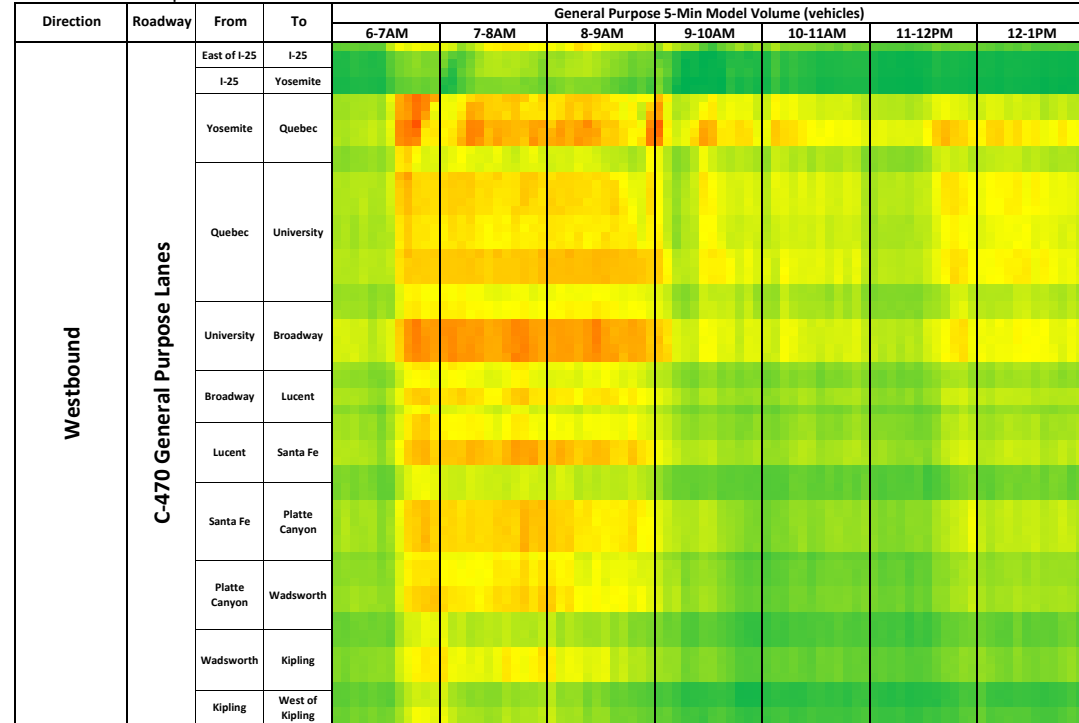


Table 6c  
Eastbound Managed Lane Volume

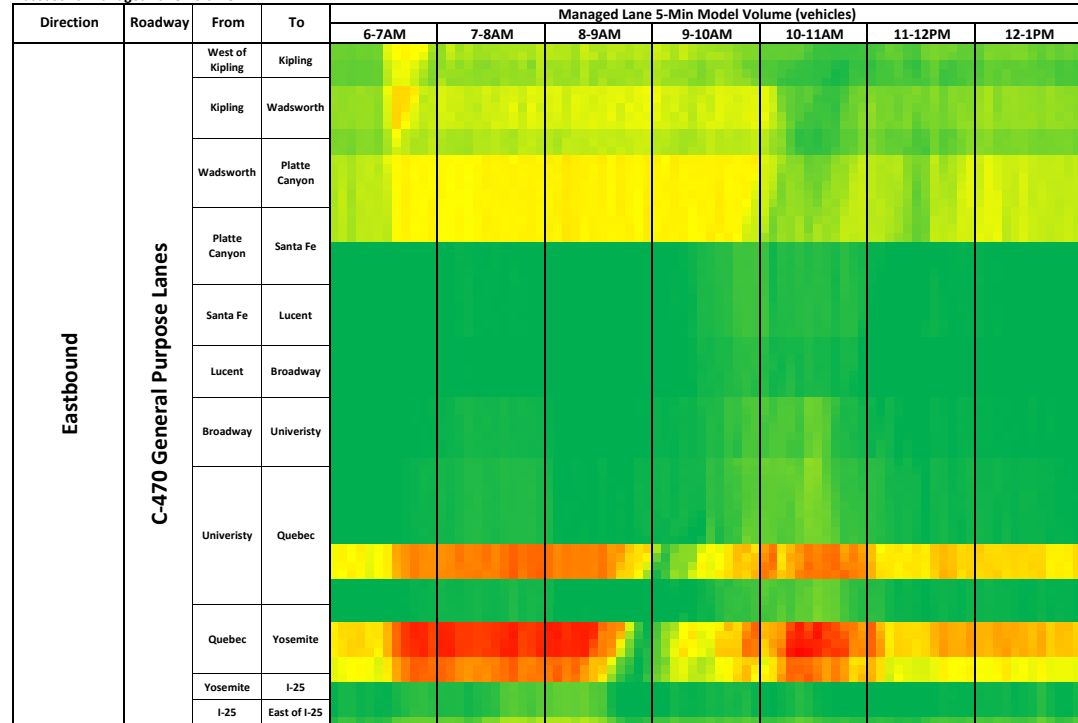


Table 6d  
Eastbound General Purpose Lane Volume

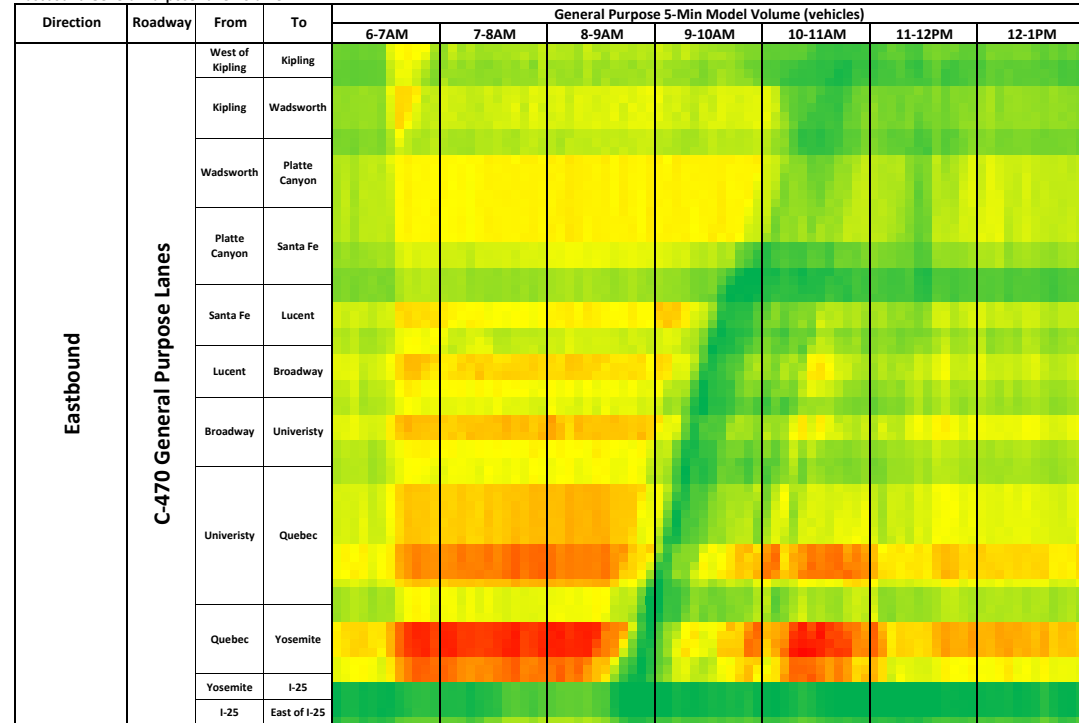


Table 6e  
NB I-25 Volume

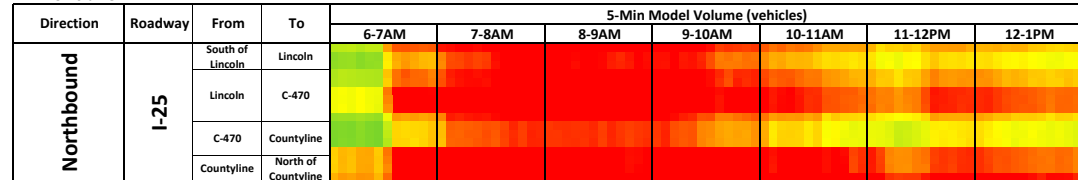
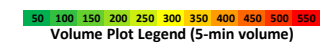
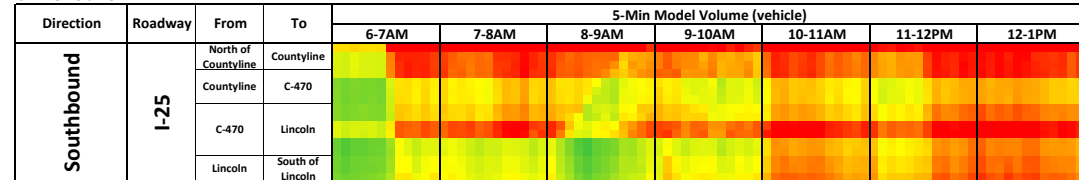


Table 6f  
SB I-25 Volume



## **Appendix D-4**

### **Option C Interim Fixed Pricing I 2025 PM**

**Table 1**  
**Network Summary**

Run#	Total VMT (veh-mi)	Total VHT (veh-hr)	Avg Spd (mph)	Avg Delay (s)	Latent Demand	Total Revenue (2013\$)
run1	1,681,162	48,462	34.69	153	12,409	\$43,298
run2	1,691,634	48,124	35.15	148	11,255	\$45,231
run3	1,686,321	48,269	34.94	151	13,608	\$44,195
run4	1,680,634	48,902	34.37	157	12,644	\$42,933
run5	1,689,714	48,750	34.66	154	11,242	\$46,168
run6						
run7						
run8						
run9						
run10						
Average	1,685,893	48,501	34.76	153	12,232	\$44,365

Revenue and Transaction by User Class

	Transponder	License Plate	Total
Revenue	\$26,088.50	\$18,276.55	\$44,365.05
Transaction	8,803	4,803	13,605
Avg Toll	\$2.96	\$3.81	\$3.26

Minimum Number of Runs Needed:

	Mean	Speed (mph)	Revenue (\$)
		34.76	44,365
Standard Deviation		0.30	1343
Target Error %	1.0%	3	36
	2.5%	1	6
	3.5%	1	3
	5.0%	1	2
	10.0%	1	1

Table 2a  
Westbound Travel Time

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>WB C-470 - Managed Lane</b>	I-25	Yosemite	0.622	0.6	0.6	0.6	2.0	12.5	7.8	2.7	2.8	2.4	0.9	1.3	1.1	1.0	0.6
	Yosemite	Quebec	1.401	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.5	1.5
	Quebec	Colorado	2.063	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.4	2.3	2.2	2.2	2.1	2.2	2.2
	Colorado	University	1.030	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1
	University	Broadway	1.489	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6
	Broadway	Lucent	1.181	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.3	1.3	1.3
	Lucent	Santa Fe	1.403	1.5	1.5	1.4	1.4	1.5	1.4	1.5	1.5	1.5	1.5	1.6	1.5	1.4	1.5
	Santa Fe	Platte Canyon	1.581	1.7	1.7	1.7	1.6	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.7	1.6	1.7
	Platte Canyon	Wadsworth	1.529	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.6	1.6	1.6
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4
	Total		13.754	14.4	14.4	14.4	16.0	26.8	22.0	17.1	17.5	17.0	15.3	15.6	14.7	14.8	14.5
<b>WB C-470 - General Purpose Lanes</b>	I-25	Yosemite	0.622	0.6	0.6	1.0	13.3	34.0	43.2	36.8	30.1	25.6	5.7	5.0	3.1	3.0	0.6
	Yosemite	Quebec	1.401	1.6	2.2	5.4	9.2	11.0	12.0	13.2	12.6	11.0	4.4	4.1	5.6	7.0	2.2
	Quebec	Colorado	2.063	2.9	3.6	4.4	6.3	7.8	8.6	9.6	9.9	8.7	5.6	2.9	5.2	7.1	4.8
	Colorado	University	1.030	1.2	1.2	1.4	1.4	1.4	1.4	1.4	1.4	1.4	2.0	1.3	1.4	1.4	1.3
	University	Broadway	1.489	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.8	2.1	4.3	2.2	1.6	1.6	1.5
	Broadway	Lucent	1.181	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.4	4.5	4.9	3.0	1.2	1.2	1.2
	Lucent	Santa Fe	1.403	1.4	1.4	1.5	1.5	1.5	1.6	1.6	3.3	6.5	5.3	3.4	1.4	1.5	1.4
	Santa Fe	Platte Canyon	1.581	1.6	1.6	1.7	1.8	1.9	2.4	3.2	5.0	5.2	4.8	4.1	2.0	1.6	1.6
	Platte Canyon	Wadsworth	1.529	1.6	1.6	1.6	1.7	1.7	1.8	1.9	1.9	2.0	2.0	1.9	1.6	1.5	1.5
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4
	Total		13.540	15.0	16.4	21.2	39.4	63.7	75.5	72.1	68.8	68.5	40.5	29.2	24.5	27.4	17.6
<b>WB C-470 - Travel Time Saving</b>	I-25	Yosemite	0.622	0.0	0.1	0.4	11.3	21.5	35.5	34.1	27.3	23.2	4.8	3.6	2.0	2.1	0.1
	Yosemite	Quebec	1.401	0.1	0.8	4.0	7.7	9.4	10.5	11.6	11.1	9.5	3.0	2.7	4.2	5.5	0.7
	Quebec	Colorado	2.063	0.7	1.4	2.1	4.0	5.5	6.2	7.3	7.5	6.4	3.4	0.7	3.1	4.8	2.6
	Colorado	University	1.030	0.1	0.1	0.2	0.2	0.3	0.3	0.2	0.2	0.3	0.9	0.2	0.3	0.3	0.2
	University	Broadway	1.489	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.4	2.7	0.6	0.0	-0.1	-0.1
	Broadway	Lucent	1.181	-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	3.1	3.4	1.6	0.0	-0.1	-0.1
	Lucent	Platte Canyon	1.403	0.0	0.0	0.0	0.1	0.1	0.2	0.1	1.7	5.0	3.8	1.8	0.0	0.0	0.0
	Platte Canyon	Santa Fe	1.581	-0.1	-0.1	0.0	0.1	0.2	0.8	1.5	3.2	3.5	3.0	2.3	0.3	0.0	-0.1
	Santa Fe	Wadsworth	1.529	-0.1	-0.1	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.1	-0.1	0.0	-0.1
	Wadsworth	Kipling	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total		13.540	0.6	2.0	6.7	23.3	36.9	53.5	55.0	51.3	51.5	25.2	13.6	9.8	12.6	3.2

**Table 2b  
Eastbound Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>EB C-470 - Managed Lane</b>	Kipling	Wadsworth	1.454	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.4	1.5	1.5	1.5	1.4	1.4	1.4
	Wadsworth	Platte Canyon	1.530	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.5	1.4
	Platte Canyon	Santa Fe	1.569	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Santa Fe	Lucent	1.403	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Lucent	Broadway	1.204	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	Broadway	University	1.473	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	University	Colorado	1.026	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Colorado	Quebec	2.068	1.9	1.9	1.9	1.9	2.0	2.0	2.0	1.9	1.9	2.0	2.0	2.0	1.9	1.9
	Quebec	Yosemite	1.388	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>13.0</b>	<b>13.0</b>	<b>13.1</b>	<b>13.1</b>	<b>13.3</b>	<b>13.3</b>	<b>13.2</b>	<b>13.1</b>	<b>13.2</b>	<b>13.3</b>	<b>13.4</b>	<b>13.2</b>	<b>13.0</b>	<b>12.7</b>
<b>EB C-470 - General Purpose Lanes</b>	Kipling	Wadsworth	1.454	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.4	1.5	1.5	1.5	1.4	1.4	1.4
	Wadsworth	Platte Canyon	1.530	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.5	1.4
	Platte Canyon	Santa Fe	1.569	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5
	Santa Fe	Lucent	1.403	1.4	1.4	1.4	1.5	1.6	1.6	1.5	1.5	1.4	1.5	1.6	1.5	1.4	1.4
	Lucent	Broadway	1.204	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.2	1.2	1.2	1.3	1.3	1.2	1.2
	Broadway	University	1.473	1.5	1.5	1.5	1.5	1.7	1.7	1.6	1.5	1.5	1.5	1.9	1.8	1.5	1.4
	University	Colorado	1.026	1.1	1.1	1.1	1.1	1.1	1.6	1.5	1.0	1.0	1.0	1.2	1.3	1.0	1.0
	Colorado	Quebec	2.068	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.1	2.2	2.2	2.1	2.0
	Quebec	Yosemite	1.388	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.4	1.4	1.4	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>13.8</b>	<b>13.8</b>	<b>13.8</b>	<b>13.9</b>	<b>14.6</b>	<b>15.1</b>	<b>14.6</b>	<b>13.9</b>	<b>13.9</b>	<b>14.0</b>	<b>14.9</b>	<b>14.7</b>	<b>13.6</b>	<b>13.1</b>
<b>EB C-470 - Travel Time Saving</b>	Kipling	Wadsworth	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Wadsworth	Platte Canyon	1.530	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Platte Canyon	Santa Fe	1.569	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
	Santa Fe	Lucent	1.403	0.1	0.1	0.1	0.1	0.3	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.1	0.1
	Lucent	Broadway	1.204	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1
	Broadway	University	1.473	0.1	0.1	0.1	0.1	0.3	0.3	0.2	0.1	0.1	0.1	0.5	0.4	0.1	0.0
	University	Colorado	1.026	0.1	0.1	0.1	0.1	0.1	0.6	0.5	0.1	0.1	0.1	0.3	0.3	0.1	0.0
	Colorado	Quebec	2.068	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.1
	Quebec	Yosemite	1.388	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.0
	Yosemite	I-25	0.635	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>Total</b>		<b>13.749</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>1.3</b>	<b>1.8</b>	<b>1.4</b>	<b>0.8</b>	<b>0.7</b>	<b>0.7</b>	<b>1.5</b>	<b>1.5</b>	<b>0.6</b>	<b>0.4</b>

**Table 2c**  
**I-25 Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>NB I-25</b>	Lincoln	C-470	1.323	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	C-470	Countyline	0.761	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
	Total		2.084	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
<b>SB I-25</b>	Countyline	C-470	0.761	0.8	0.8	0.8	0.8	1.0	1.0	0.9	1.1	1.1	0.9	1.1	0.9	0.9	0.8
	C-470	Lincoln	1.323	1.3	1.3	1.3	1.3	1.4	1.5	1.6	1.8	1.7	1.6	1.7	1.6	1.4	1.3
	Total		2.084	2.1	2.1	2.1	2.1	2.4	2.6	2.5	2.9	2.8	2.5	2.8	2.4	2.3	2.1

**Table 2d**  
**NB/SB I-25 Ramp to C-470 WB Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>NB I-25 - General Purpose</b>	Lincoln	Yosemite	1.963	2.3	2.3	2.5	3.9	6.7	13.3	17.2	11.4	5.2	2.8	2.9	2.8	2.7	2.2
	Yosemite	Quebec	1.402	1.6	2.2	5.4	9.2	11.0	12.0	13.2	12.6	11.0	4.4	4.1	5.6	7.0	2.2
	Total		3.365	3.8	4.5	7.9	13.1	17.6	25.3	30.4	24.0	16.2	7.2	7.0	8.4	9.7	4.4
<b>NB I-25 - Managed Lane</b>	Lincoln	Yosemite	1.967	2.2	2.2	2.3	2.4	3.9	10.1	12.1	6.9	2.7	2.4	2.5	2.4	2.3	2.2
	Yosemite	Quebec	1.398	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	Total		3.364	3.8	3.8	3.9	4.0	5.5	11.7	13.7	8.5	4.3	4.0	4.0	4.0	3.9	3.8
<b>SB I-25 - General Purpose</b>	Countyline	Yosemite	1.142	1.2	1.3	1.5	3.7	6.8	10.2	10.7	7.8	4.9	1.9	1.9	1.6	1.9	1.3
	Yosemite	Quebec	1.402	1.6	2.2	5.4	9.2	11.0	12.0	13.2	12.6	11.0	4.4	4.1	5.6	7.0	2.2
	Total		2.544	2.8	3.5	6.9	12.9	17.7	22.2	23.8	20.5	15.9	6.3	6.1	7.2	8.9	3.5
<b>SB I-25 - Managed Lane</b>	Countyline	Yosemite	1.187	1.3	1.3	1.3	1.3	1.5	1.5	1.8	1.6	1.4	1.4	1.5	1.3	1.4	1.3
	Yosemite	Quebec	1.398	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.6	1.5	1.4	1.4	1.4	1.5	1.5
	Total		2.585	2.8	2.8	2.8	2.8	3.0	3.0	3.3	3.1	2.9	2.8	2.9	2.7	2.9	2.8







Table 5a  
Westbound Managed Lane Speed

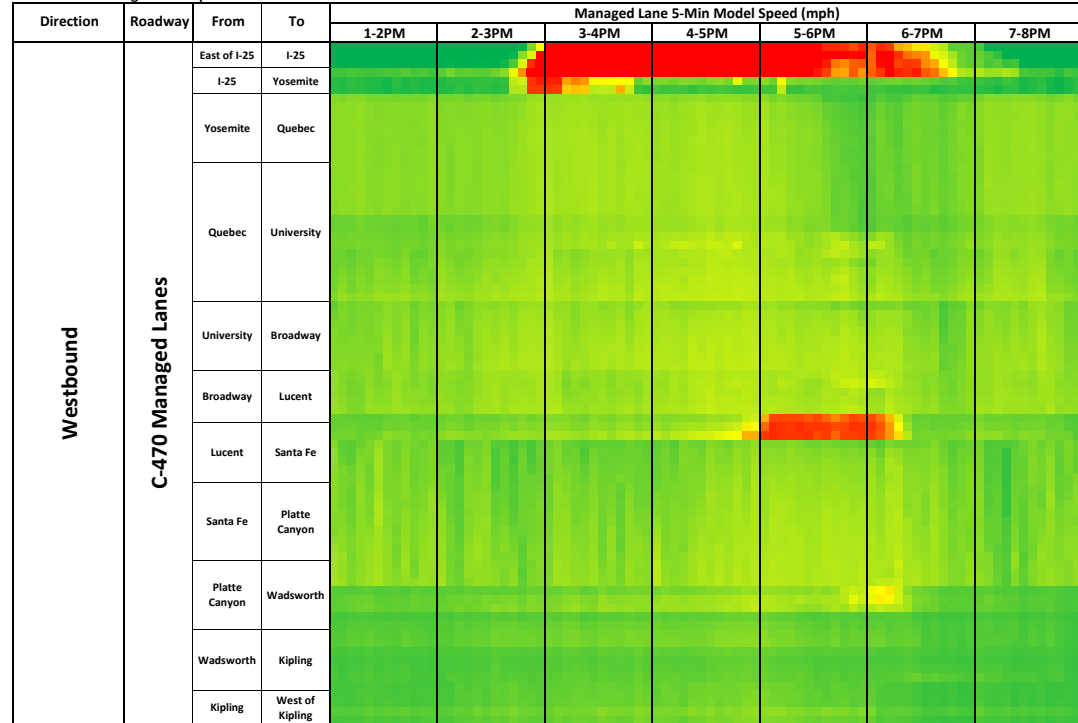


Table 5b  
Westbound General Purpose Lane Speed

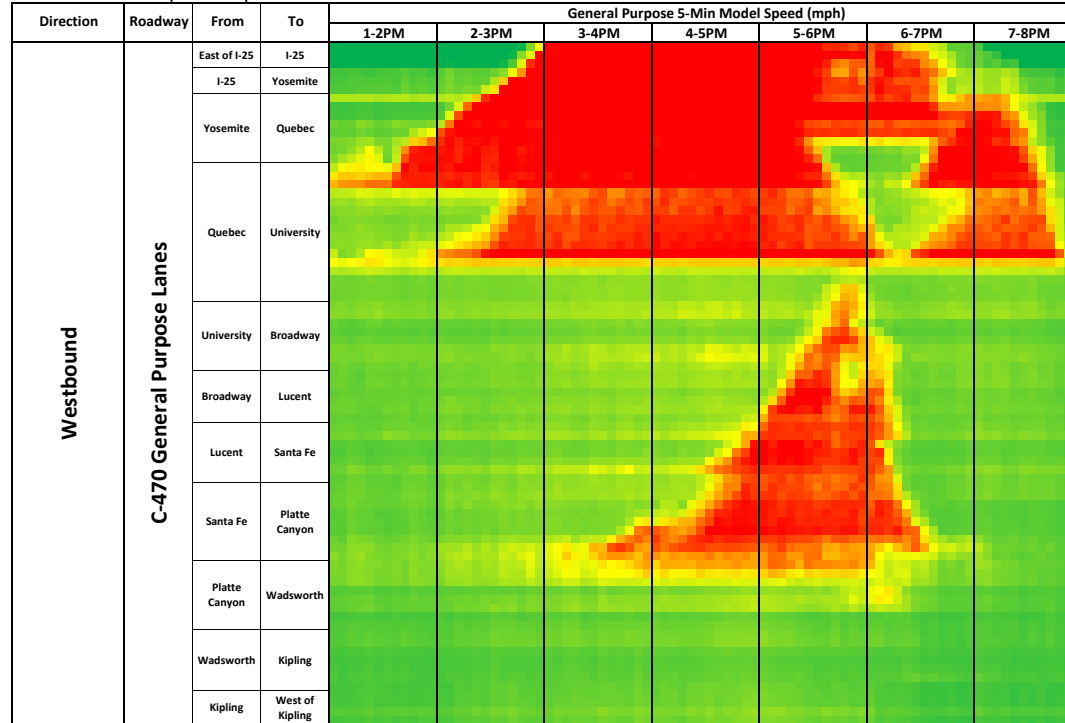


Table 5c  
Eastbound Managed Lane Speed

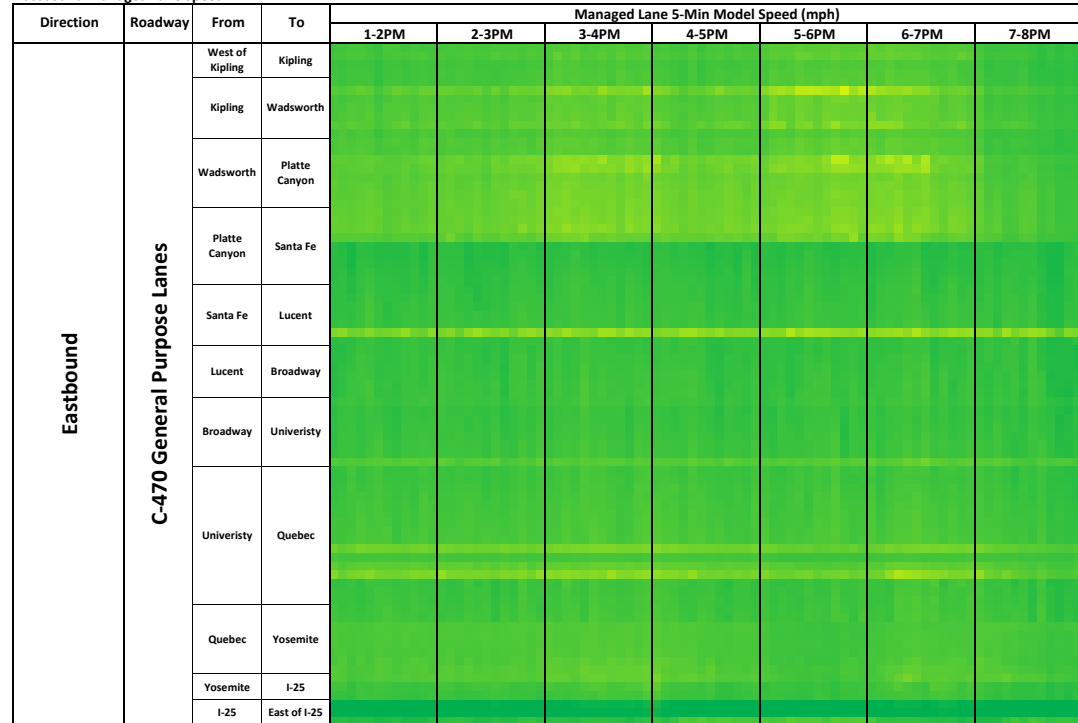


Table 5d  
Eastbound General Purpose Lane Speed

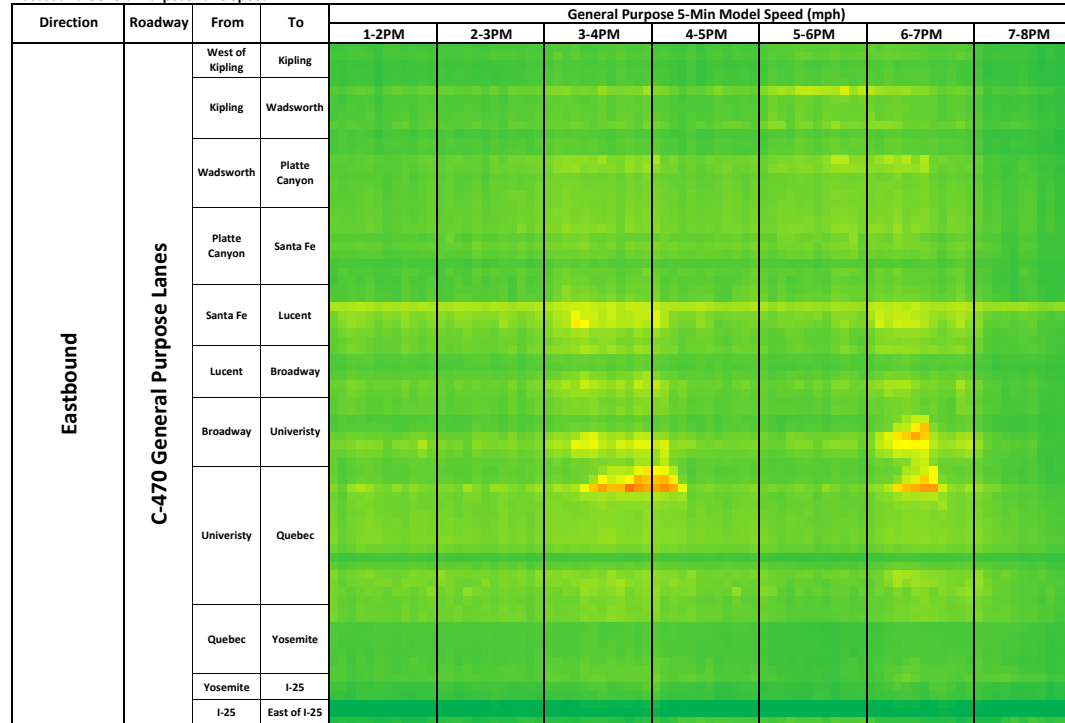


Table 5e  
NB I-25 Speed

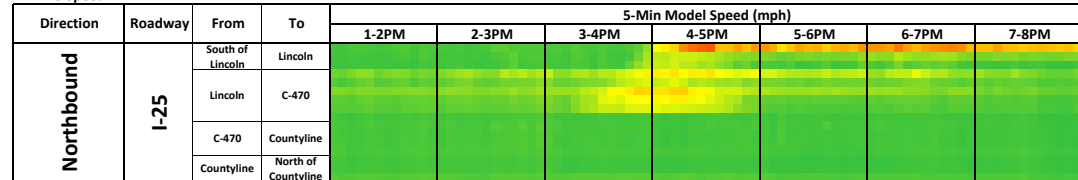


Table 5f  
SB I-25 Speed

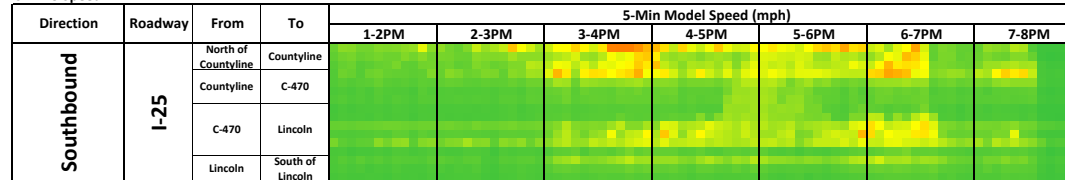


Table 6a  
Westbound Managed Lane Volume

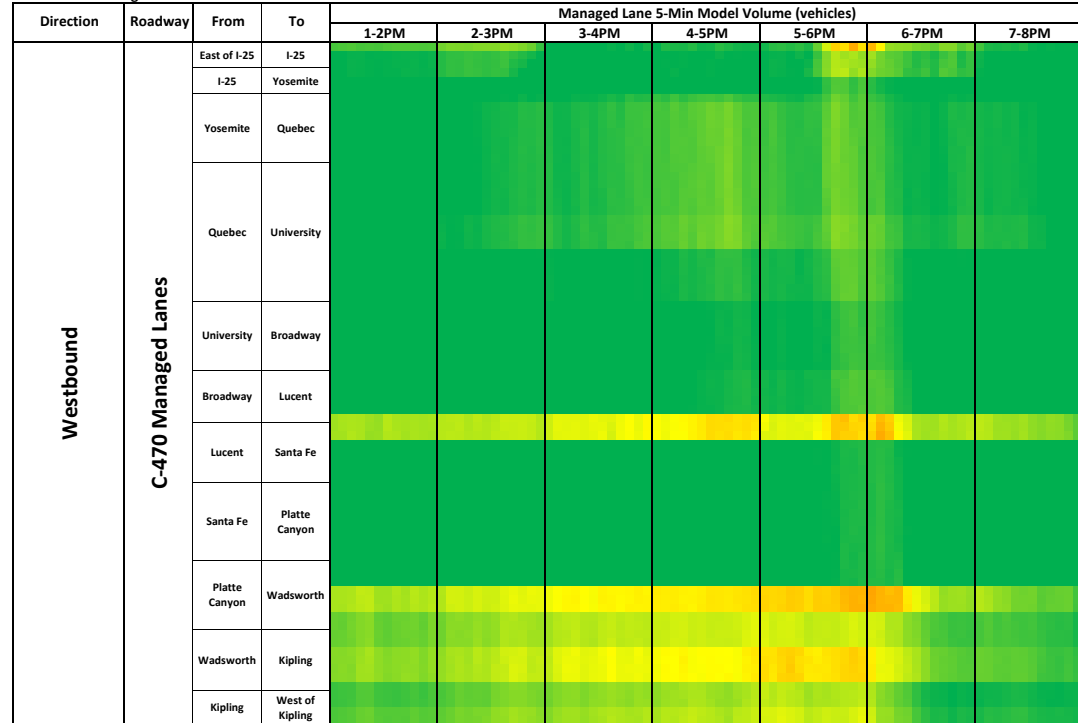


Table 6b  
Westbound General Purpose Lane Volume

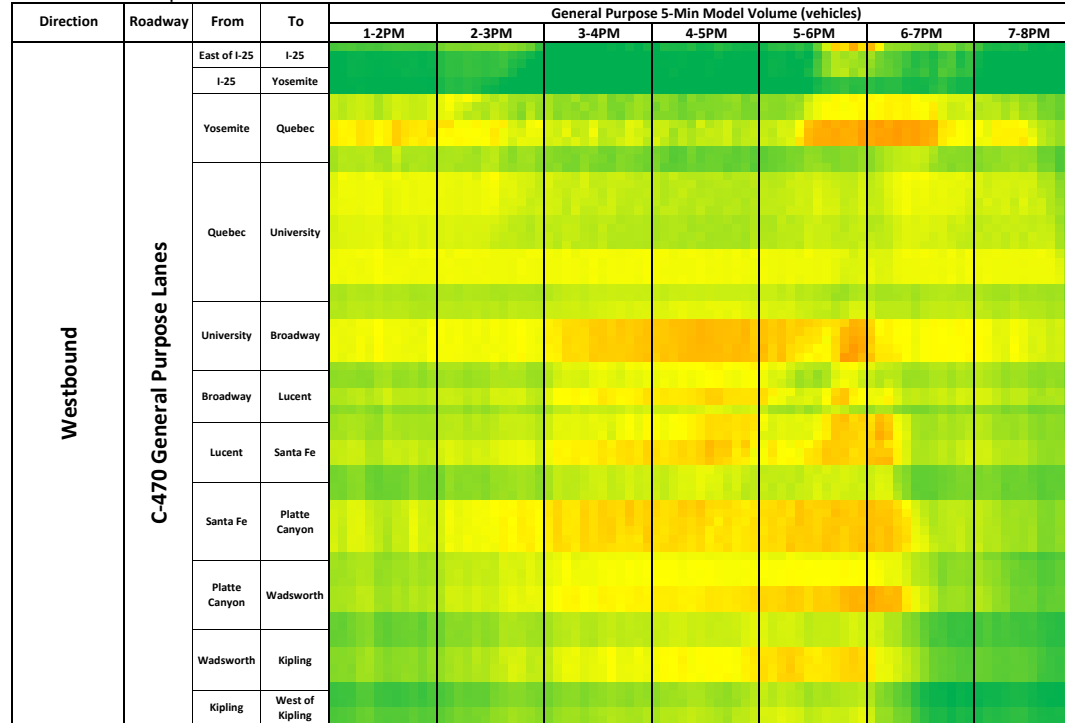


Table 6c  
Eastbound Managed Lane Volume

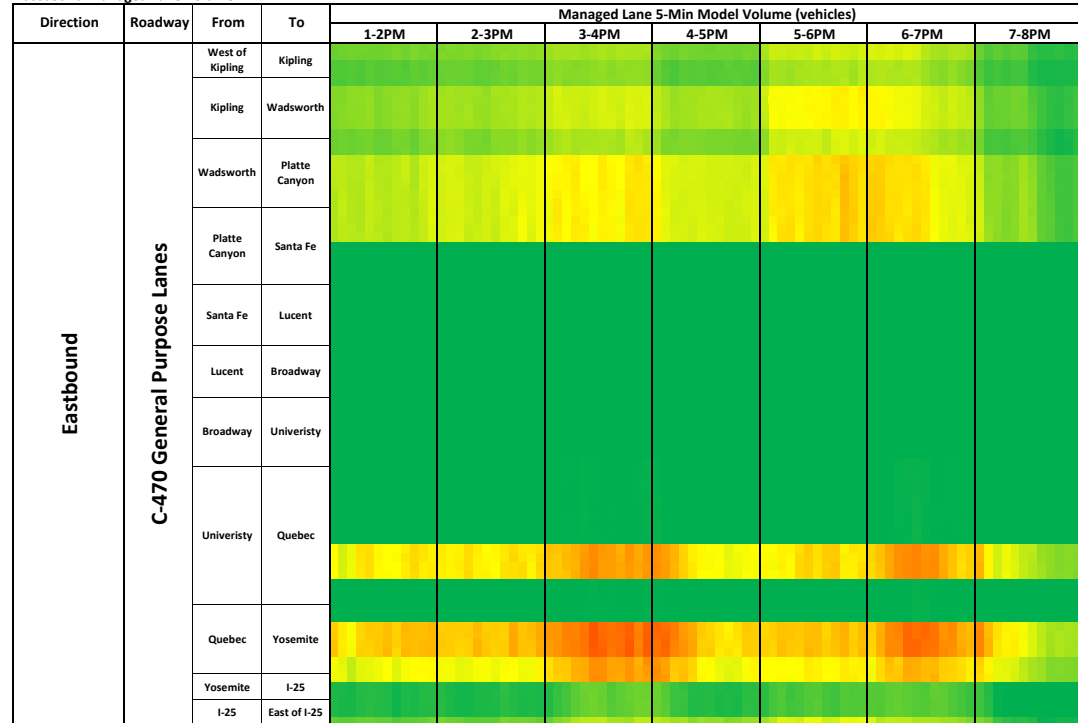


Table 6d  
Eastbound General Purpose Lane Volume

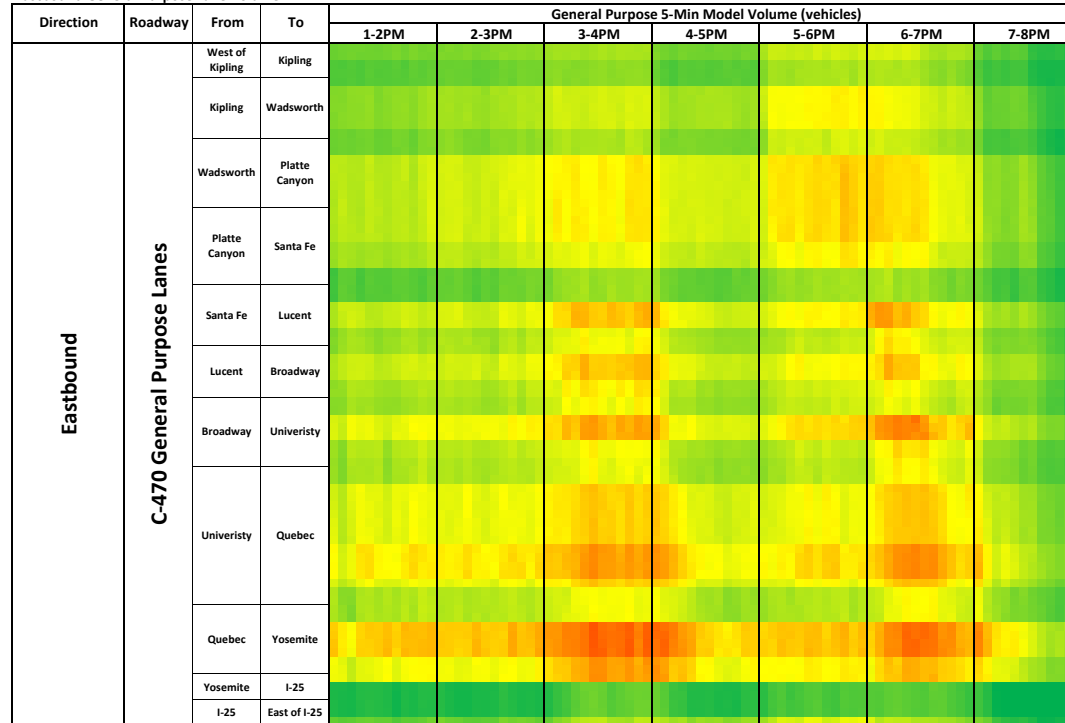


Table 6e  
NB I-25 Volume

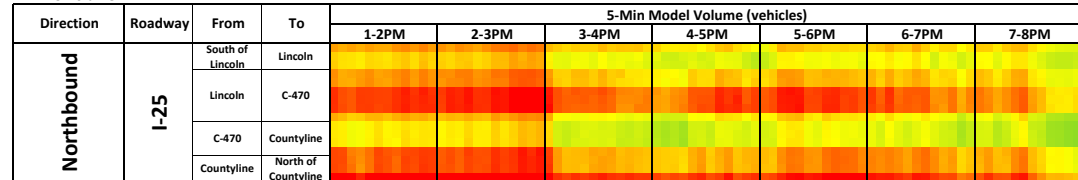
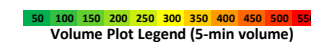
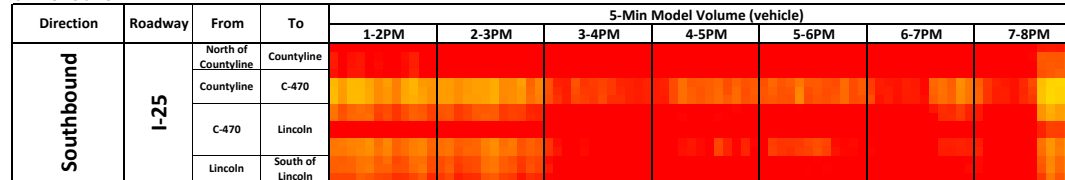


Table 6f  
SB I-25 Volume



## **Appendix D-5**

### **Option C Interim Fixed Pricing I 2035 AM**

**Table 1**  
**Network Summary**

Run#	Total VMT (veh-mi)	Total VHT (veh-hr)	Avg Spd (mph)	Avg Delay (s)	Latent Demand	Total Revenue (2013\$)
run1	1,728,340	54,781	31.55	211	12,414	\$31,543
run2	1,726,762	53,948	32.01	204	12,935	\$28,996
run3	1,675,964	68,959	24.30	355	22,482	\$36,146
run4	1,709,050	63,385	26.96	295	17,238	\$35,137
run5	1,710,385	62,702	27.28	289	17,956	\$37,052
run6						
run7						
run8						
run9						
run10						
Average	1,710,100	60,755	28.42	271	16,605	\$33,775

Revenue and Transaction by User Class

	Transponder	License Plate	Total
Revenue	\$23,207.05	\$10,567.65	\$33,774.70
Transaction	10,706	3,586	14,292
Avg Toll	\$2.17	\$2.95	\$2.36

Minimum Number of Runs Needed:

	Mean	Speed (mph)	Revenue (\$)
		28.42	33,775
Standard Deviation		3.28	3393
Target Error %	1.0%	512	388
	2.5%	82	63
	3.5%	42	32
	5.0%	21	16
	10.0%	6	4

**Table 2a**  
**Westbound Travel Time**

Direction	From	To	Distance (mi)	Model Travel Time (mins)													
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00
<b>WB C-470 - Managed Lane</b>	I-25	Yosemite	0.622	0.6	1.0	1.4	1.3	1.3	1.4	1.5	0.9	0.6	0.6	0.6	0.6	0.6	0.6
	Yosemite	Quebec	1.401	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	Quebec	Colorado	2.063	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	Colorado	University	1.030	1.0	1.1	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.1	1.0	1.1	1.1	1.1
	University	Broadway	1.489	1.5	1.6	1.6	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.5	1.5	1.5	1.5
	Broadway	Lucent	1.181	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.2	1.3	1.2	1.3
	Lucent	Santa Fe	1.403	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.4	1.4	1.4
	Santa Fe	Platte Canyon	1.581	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7
	Platte Canyon	Wadsworth	1.529	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	Wadsworth	Kipling	1.454	1.4	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	<b>Total</b>		<b>13.754</b>	<b>13.7</b>	<b>14.5</b>	<b>14.8</b>	<b>14.5</b>	<b>14.6</b>	<b>14.5</b>	<b>14.8</b>	<b>14.6</b>	<b>14.3</b>	<b>14.2</b>	<b>14.1</b>	<b>14.2</b>	<b>14.2</b>	<b>14.2</b>
<b>WB C-470 - General Purpose Lanes</b>	I-25	Yosemite	0.622	0.6	1.2	1.9	1.2	1.1	1.3	1.4	0.9	0.6	0.6	0.6	0.6	0.6	0.6
	Yosemite	Quebec	1.401	1.4	2.6	5.6	2.7	2.0	1.5	1.8	2.0	1.7	1.4	1.4	1.4	1.4	1.4
	Quebec	Colorado	2.063	2.1	3.1	4.7	6.1	5.2	3.0	2.2	2.7	2.1	2.1	2.1	2.2	2.2	2.2
	Colorado	University	1.030	1.1	1.2	1.3	1.3	1.3	1.2	1.1	1.2	1.1	1.1	1.1	1.1	1.2	1.2
	University	Broadway	1.489	1.5	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6
	Broadway	Lucent	1.181	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	Lucent	Santa Fe	1.403	1.4	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	Santa Fe	Platte Canyon	1.581	1.5	1.6	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.6	1.6	1.6
	Platte Canyon	Wadsworth	1.529	1.5	1.6	1.6	1.6	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Wadsworth	Kipling	1.454	1.4	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	<b>Total</b>		<b>13.540</b>	<b>13.6</b>	<b>17.3</b>	<b>22.6</b>	<b>20.2</b>	<b>18.3</b>	<b>15.7</b>	<b>15.1</b>	<b>15.4</b>	<b>14.1</b>	<b>13.6</b>	<b>13.5</b>	<b>14.1</b>	<b>14.2</b>	<b>14.1</b>
<b>WB C-470 - Travel Time Saving</b>	I-25	Yosemite	0.622	0.0	0.2	0.5	-0.1	-0.2	-0.1	-0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1
	Yosemite	Quebec	1.401	0.0	1.2	4.2	1.3	0.6	0.1	0.5	0.6	0.3	-0.1	-0.1	0.0	0.0	-0.1
	Quebec	Colorado	2.063	0.0	1.0	2.6	4.0	3.2	1.0	0.1	0.5	-0.1	-0.1	-0.1	0.0	0.1	0.0
	Colorado	University	1.030	0.0	0.1	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1
	University	Broadway	1.489	0.0	0.2	0.1	0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0
	Broadway	Lucent	1.181	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.0	-0.1
	Lucent	Platte Canyon	1.403	0.0	0.1	0.1	0.1	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.0
	Platte Canyon	Santa Fe	1.581	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.2	-0.1	-0.2	-0.1	-0.1	-0.1
	Santa Fe	Wadsworth	1.529	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
	Wadsworth	Kipling	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>Total</b>		<b>13.540</b>	<b>-0.1</b>	<b>2.8</b>	<b>7.8</b>	<b>5.7</b>	<b>3.8</b>	<b>1.2</b>	<b>0.3</b>	<b>0.8</b>	<b>-0.2</b>	<b>-0.6</b>	<b>-0.6</b>	<b>-0.1</b>	<b>0.0</b>	<b>-0.1</b>

**Table 2b**  
**Eastbound Travel Time**

Direction	From	To	Distance (mi)	Model Travel Time (mins)														
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00	
EB C-470 - Managed Lane	Kipling	Wadsworth	1.454	1.4	4.1	7.1	6.7	7.0	7.1	6.9	7.6	8.3	6.6	10.4	9.3	3.9	2.6	
	Wadsworth	Platte Canyon	1.530	1.6	2.9	3.4	3.3	3.3	3.4	3.4	3.5	6.0	4.9	13.7	5.2	2.7	2.3	
	Platte Canyon	Santa Fe	1.569	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	2.7	6.8	13.2	2.2	1.5	1.5	
	Santa Fe	Lucent	1.403	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.5	1.7	10.1	7.8	1.5	1.3	1.3	
	Lucent	Broadway	1.204	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	2.8	13.6	5.2	1.8	1.1	1.1	
	Broadway	University	1.473	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.7	6.0	13.8	2.7	1.9	1.4	1.4
	University	Colorado	1.026	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3	6.6	4.2	1.7	1.1	1.0	1.0
	Colorado	Quebec	2.068	2.0	2.0	2.0	2.0	2.0	2.0	2.0	12.4	4.4	14.9	9.5	2.6	2.0	2.0	2.0
	Quebec	Yosemite	1.388	1.3	1.3	1.4	1.4	1.3	7.0	14.6	7.7	15.7	6.0	3.2	2.0	1.4	1.3	
	Yosemite	I-25	0.635	0.6	0.7	0.6	0.6	0.6	0.6	1.4	1.2	1.3	2.0	1.0	0.8	0.7	0.6	0.6
	Total		13.749	13.2	17.4	21.0	20.5	20.7	27.3	44.8	31.8	66.5	76.6	61.3	27.9	16.9	15.1	
EB C-470 - General Purpose Lanes	Kipling	Wadsworth	1.454	1.4	4.1	7.1	6.7	7.0	7.1	6.9	7.6	8.3	6.6	10.4	9.3	3.9	2.6	
	Wadsworth	Platte Canyon	1.530	1.6	2.9	3.4	3.3	3.3	3.4	3.4	3.5	6.0	4.9	13.7	5.2	2.7	2.3	
	Platte Canyon	Santa Fe	1.569	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	4.9	13.2	8.8	12.6	1.9	1.6	1.6
	Santa Fe	Lucent	1.403	1.5	1.7	2.1	1.5	1.5	1.5	2.1	22.3	20.8	21.3	18.9	2.9	1.7	1.5	
	Lucent	Broadway	1.204	1.3	2.3	4.0	2.4	1.4	1.3	3.0	19.5	9.3	17.6	6.8	1.5	1.5	1.3	
	Broadway	University	1.473	1.5	2.0	2.9	2.6	2.8	2.3	6.5	17.4	12.2	16.4	2.1	1.7	1.6	1.5	
	University	Colorado	1.026	1.0	1.2	1.8	2.2	2.2	2.3	10.8	7.5	12.1	8.9	1.5	1.1	1.1	1.1	
	Colorado	Quebec	2.068	2.1	2.2	2.2	2.1	2.1	2.3	20.8	13.6	19.5	12.4	3.1	2.2	2.2	2.1	
	Quebec	Yosemite	1.388	1.4	1.4	1.4	1.4	1.4	7.3	19.0	11.7	23.3	9.5	3.6	2.2	1.4	1.4	
	Yosemite	I-25	0.635	0.6	0.7	0.6	0.6	0.6	1.4	1.2	1.3	2.0	1.0	0.8	0.7	0.6	0.6	
	Total		13.749	14.0	20.1	27.2	24.6	23.9	30.4	75.3	109.3	126.7	107.2	73.6	28.8	18.3	16.0	
EB C-470 - Travel Time Saving	Kipling	Wadsworth	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Wadsworth	Platte Canyon	1.530	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Platte Canyon	Santa Fe	1.569	0.1	0.1	0.1	0.1	0.1	0.1	0.1	3.2	10.5	2.0	-0.6	-0.3	0.1	0.1	
	Santa Fe	Lucent	1.403	0.2	0.4	0.8	0.2	0.2	0.2	0.8	20.8	19.1	11.2	11.1	1.4	0.3	0.2	
	Lucent	Broadway	1.204	0.1	1.2	2.8	1.2	0.3	0.2	1.9	18.3	6.6	3.9	1.7	-0.3	0.3	0.1	
	Broadway	University	1.473	0.1	0.5	1.5	1.2	1.3	0.9	5.1	15.7	6.1	2.5	-0.6	-0.2	0.2	0.1	
	University	Colorado	1.026	0.1	0.2	0.8	1.2	1.2	1.3	9.8	6.3	5.5	4.6	-0.2	0.0	0.1	0.1	
	Colorado	Quebec	2.068	0.2	0.2	0.2	0.1	0.1	0.2	8.4	9.2	4.6	2.9	0.6	0.1	0.2	0.2	
	Quebec	Yosemite	1.388	0.1	0.1	0.1	0.0	0.0	0.3	4.4	3.9	7.6	3.5	0.4	0.2	0.1	0.1	
	Yosemite	I-25	0.635	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Total		13.749	0.8	2.7	6.2	4.1	3.2	3.1	30.5	77.5	60.2	30.7	12.2	0.9	1.4	0.9	





Table 3

Revenue and Transaction																																																				
User	Direction	From	To	Revenue														Transactions														Average Toll Price (2013)																				
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00	Total	6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00	Total	6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00	Total				
Transponder Users	Westbound	SB I-25	University	42	82	82	69	56	41	50	50	48	51	42	60	60	50	784	21	41	36	31	25	18	25	25	24	25	21	30	30	25	378	2.00	2.00	2.25	2.25	2.25	2.25	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.07					
			Broadway	23	44	41	53	35	33	35	31	26	23	13	20	22	29	427	6	12	10	12	8	8	9	8	7	6	3	5	6	6	8	109	3.75	3.75	4.25	4.25	4.25	4.25	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.92				
			Santa Fe	24	44	37	31	24	14	29	33	27	17	20	35	32	35	404	6	12	9	7	6	3	8	9	7	5	5	9	9	9	104	3.75	3.75	4.25	4.25	4.25	4.25	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.87					
			Wadsworth	14	24	10	23	16	9	10	6	20	12	16	14	16	20	208	2	4	2	4	3	1	2	1	3	2	3	2	3	3	35	5.75	5.75	6.25	6.25	6.25	6.25	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.88					
		NB I-25	University	36	70	79	48	49	34	62	77	66	47	46	54	53	46	768	18	35	35	21	22	15	31	39	33	24	23	27	26	23	372	2.00	2.00	2.25	2.25	2.25	2.25	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.06					
			Broadway	20	28	35	21	22	10	25	29	14	8	14	20	11	17	274	5	7	8	5	5	2	7	8	4	2	4	5	3	5	70	3.75	3.75	4.25	4.25	4.25	4.25	3.75	3.75	3.75	3.75	3.75	3.75	3.90						
			Santa Fe	17	42	33	26	36	20	23	47	39	41	23	25	27	27	425	4	11	8	6	8	5	6	13	10	11	6	7	7	110	3.75	3.75	4.25	4.25	4.25	4.25	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.87						
			Wadsworth	8	10	16	9	21	8	15	15	20	16	14	13	18	10	193	1	2	3	1	3	1	3	3	3	3	2	3	2	3	33	5.75	5.75	6.25	6.25	6.25	6.25	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.88					
		E-470	University	58	119	201	184	177	123	96	47	53	40	33	46	36	36	1,249	29	59	89	82	79	55	48	23	27	20	17	23	18	18	587	2.00	2.00	2.25	2.25	2.25	2.25	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.13					
			Broadway	27	58	85	82	80	43	53	25	19	26	16	21	19	14	565	7	15	20	19	19	10	14	7	5	7	4	6	5	4	142	3.75	3.75	4.25	4.25	4.25	4.25	3.75	3.75	3.75	3.75	3.75	3.75	3.99						
			Santa Fe	34	74	119	122	96	64	52	34	23	26	14	29	24	20	730	9	20	28	29	23	15	14	9	6	7	4	6	5	182	3.75	3.75	4.25	4.25	4.25	4.25	3.75	3.75	3.75	3.75	3.75	3.75	3.75	4.01						
			Wadsworth	17	36	43	55	53	44	18	13	13	8	8	10	10	9	336	3	6	7	9	8	7	3	2	2	2	2	2	2	2	56	5.75	5.75	6.25	6.25	6.25	6.25	5.75	5.75	5.75	5.75	5.75	5.75	6.03						
		Quebec	University	5	9	12	18	24	21	16	28	18	25	31	34	41	34	318	3	5	6	9	12	11	9	16	10	14	18	19	23	19	176	1.75	1.75	2.00	2.00	2.00	2.00	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.80					
			Broadway	23	37	28	47	69	41	40	41	36	32	41	50	56	56	597	13	21	14	23	35	20	23	23	23	18	24	28	32	328	1.75	1.75	2.00	2.00	2.00	2.00	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.82						
	Santa Fe		53	73	51	45	62	61	49	54	47	42	55	75	67	64	796	30	42	25	22	31	30	28	31	27	24	31	43	38	36	439	1.75	1.75	2.00	2.00	2.00	2.00	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.81						
	Wadsworth		16	34	31	37	23	18	5	11	14	18	17	32	29	23	308	4	9	8	9	6	5	1	3	4	5	4	8	6	80	3.75	3.75	4.00	4.00	4.00	4.00	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.84							
	University	Wadsworth	35	56	45	48	46	55	47	39	37	37	40	56	44	40	625	18	28	22	24	23	28	23	19	18	19	20	28	22	20	312	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00						
		Broadway	72	109	81	54	73	76	68	52	54	48	58	57	63	56	921	36	54	40	27	37	38	34	26	27	24	29	29	31	28	461	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00						
		Wadsworth	18	36	24	35	33	24	17	12	22	11	14	19	22	18	306	9	18	12	18	16	12	9	6	11	6	7	10	11	9	153	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00						
		Westbound Total	542	985	1,053	1,006	993	738	713	643	595	529	514	668	649	605	10,233	227	403	382	359	367	284	298	271	250	223	227	291	284	262	4,127	2.39	2.45	2.75	2.80	2.70	2.60	2.39	2.38	2.38	2.37	2.27	2.29	2.29	2.31	2.48					
	Eastbound	Wadsworth	Broadway	46	43	50	48	45	48	64	198	271	162	55	63	47	45	1,184	37	35	40	39	36	38	21	66	90	54	44	50	37	36	623	1.25	1.25	1.25	1.25	1.25	1.25	3.00	3.00	3.00	3.00	3.00	3.00	1.25	1.25	1.25	1.25	1.25	1.25	1.90
			Quebec	30	49	54	61	34	32	139	322	272	242	43	48	24	22	1,424	24	39	43	49	27	26	46	107	109	81	35	38	19	17	659	1.25	1.25	1.25	1.25	1.25	1.25	3.00	3.00	3.00	3.00	3.00	3.00	1.25	1.25	1.25	1.25	1.25	1.25	2.16
		Lucent	Quebec	104	160	202	190	177	156	304	1,040	1,153	871	186	160	115	98	4,915	83	128	161	152	141	125	101	347	384	290	149	128	92	79	2,360	1.25	1.25	1.25	1.25	1.25	1.25	3.00	3.00	3.00	3.00	3.00	3.00	1.25	1.25	1.25	1.25	1.25	1.25	2.08
			Quebec	19	23	27	25	27	19	68	94	193	79	32	17	16	14	652	15	18	22	20	21	15	23	31	64	26	25	14	13	11	319	1.25	1.25	1.25	1.25	1.25	1.25	3.00	3.00	3.00	3.00	3.00	3.00	1.25	1.25	1.25	1.25	1.25	1.25	2.04
		Broadway	Quebec	65	98	109	111	127	111	172	272	361	169	90	65	77	70	1,896	52	79	87	89	101	89	57	91	120	56	72	52	62	56	1,062	1.25	1.25	1.25	1.25	1.25	1.25	3.00	3.00	3.00	3.00	3.00	3.00	1.25	1.25	1.25	1.25	1.25	1.25	1.79
			Quebec	3	3	6	12	18	12	14	146	31	31	28	14	11	10	338	2	3	5	10	14	10	5	49	10	10	22	11	9	8	167	1.25	1.25	1.25	1.25	1.25	1.25	3.00	3.00	3.00	3.00	3.00	3.00	1.25	1.25	1.25	1.25	1.25	1.25	2.02
		University	Yosemite	39	67	63	71	74	75	93	355	347	185	75	56	57	54	1,609	31	53	50	56	59	60	31	118	116	62	60	44	46	43	830	1.25	1.25	1.25	1.25	1.25	1.25	3.00	3.00	3.00	3.00	3.00	3.00	1.25	1.25	1.25	1.25	1.25	1.25	1.94
Yosemite			32	55	56	59	68	59	61	254	55	71	59	47	46	37	957	26	44	44	47	54	47	20	85	18	24	47	38	36	30	560	1.25	1.25	1.25	1.25	1.25	1.25	3.00	3.00	3.00	3.00	3.00	3.00	1.25	1.25	1.25	1.25	1.25	1.25	1.71	
Eastbound Total		Wadsworth	337	497	565	577	568	512	915	2,681	2,737	1,810	566	469	392	349	12,974	270	397	452	462	454	409	305	894	912	603	453	375	314	279	6,579	1.25	1.25	1.25	1.25	1.25	1.25	3.00	3.00	3.00	3.00	3.00	3.00	1.25	1.25	1.25	1.25	1.25	1.25	1.97	
		University	18	36	24	35	33	24	17	12	22	11	14	19	22	18	306	9	18	12	18	16	12	9	6	11	6	7	10	11	9	153	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Total	879	1,482	1,618	1,583	1,561	1,249	1,628	3,324	3,332	2,338	1,081	1,137	1,042	954	23,207	497	800	834	821	694	603	541	10,706	1,162	1,162	826	680	675	541	10,706	1.77	1.85	1.94	1.93	1.90	1.80	2.70	2.86	2.87	2.8												



Table 5a  
Westbound Managed Lane Speed

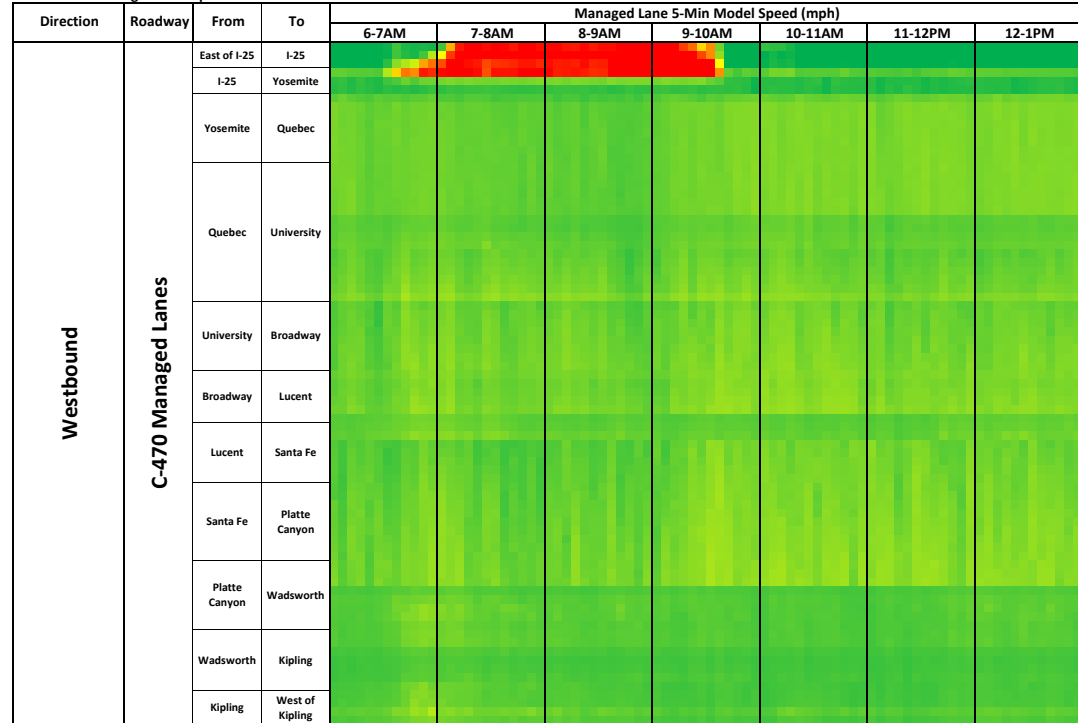


Table 5b  
Westbound General Purpose Lane Speed

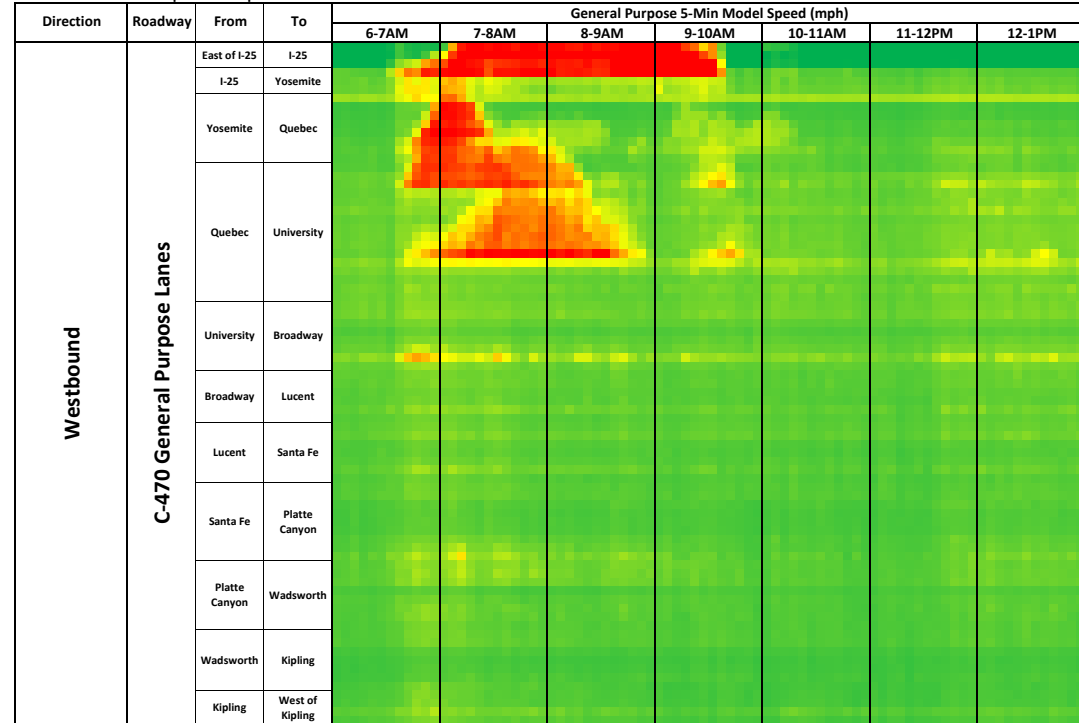


Table 5c  
Eastbound Managed Lane Speed

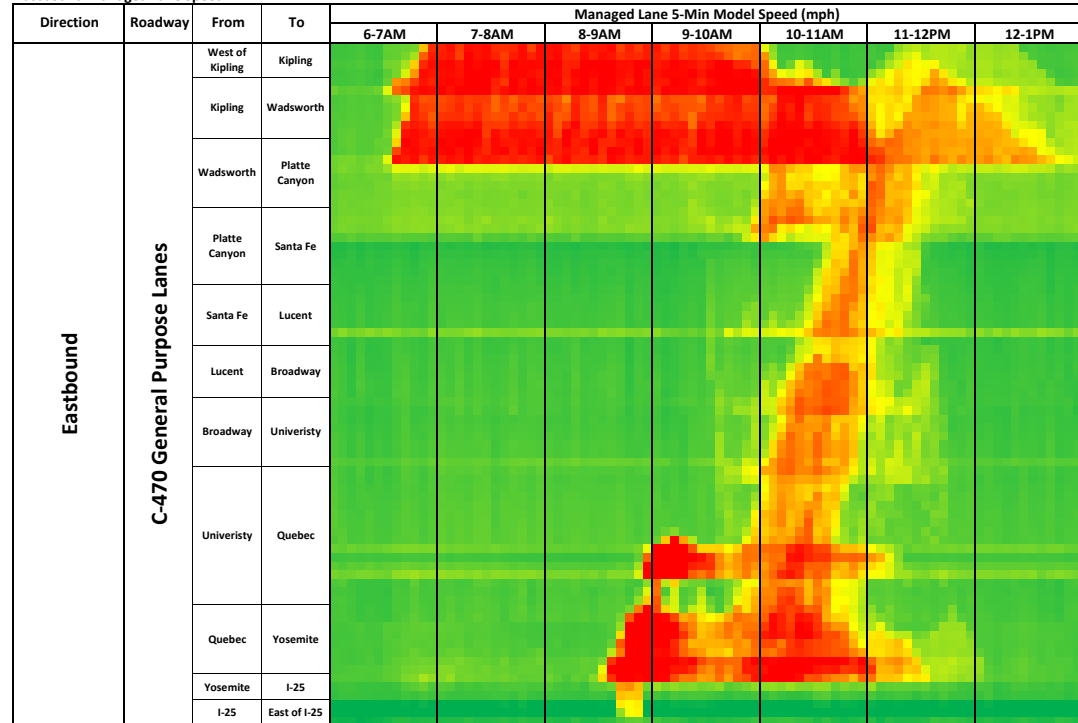


Table 5d  
Eastbound General Purpose Lane Speed

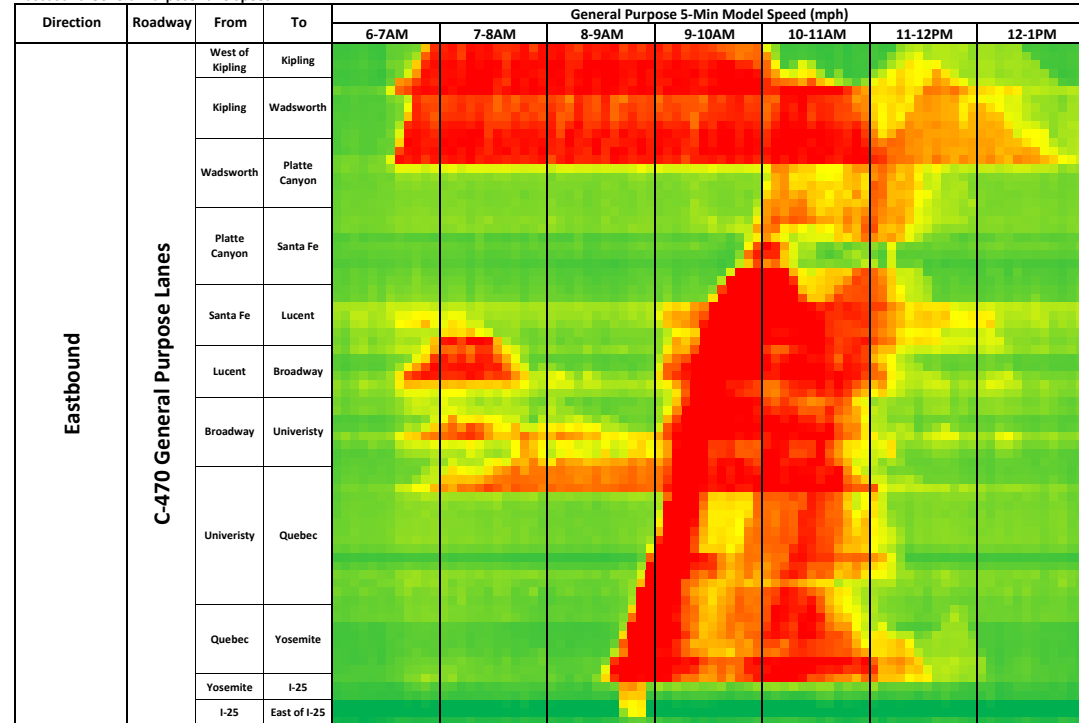


Table 5e  
NB I-25 Speed

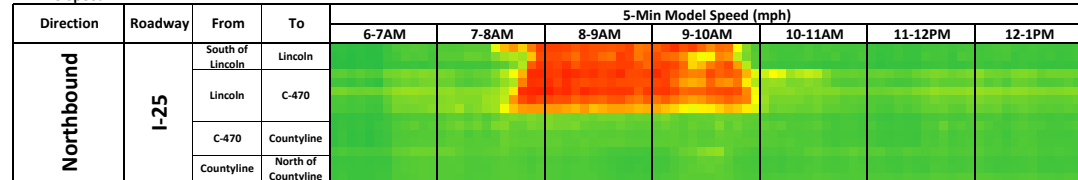


Table 5f  
SB I-25 Speed

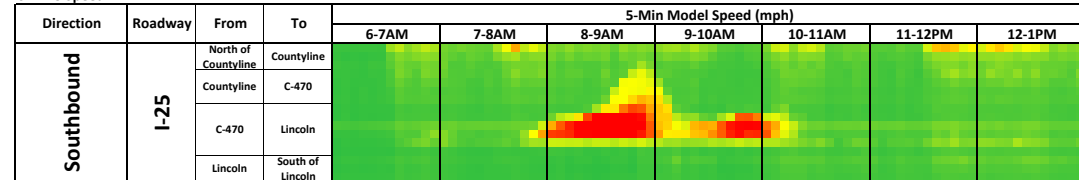


Table 6a  
Westbound Managed Lane Volume

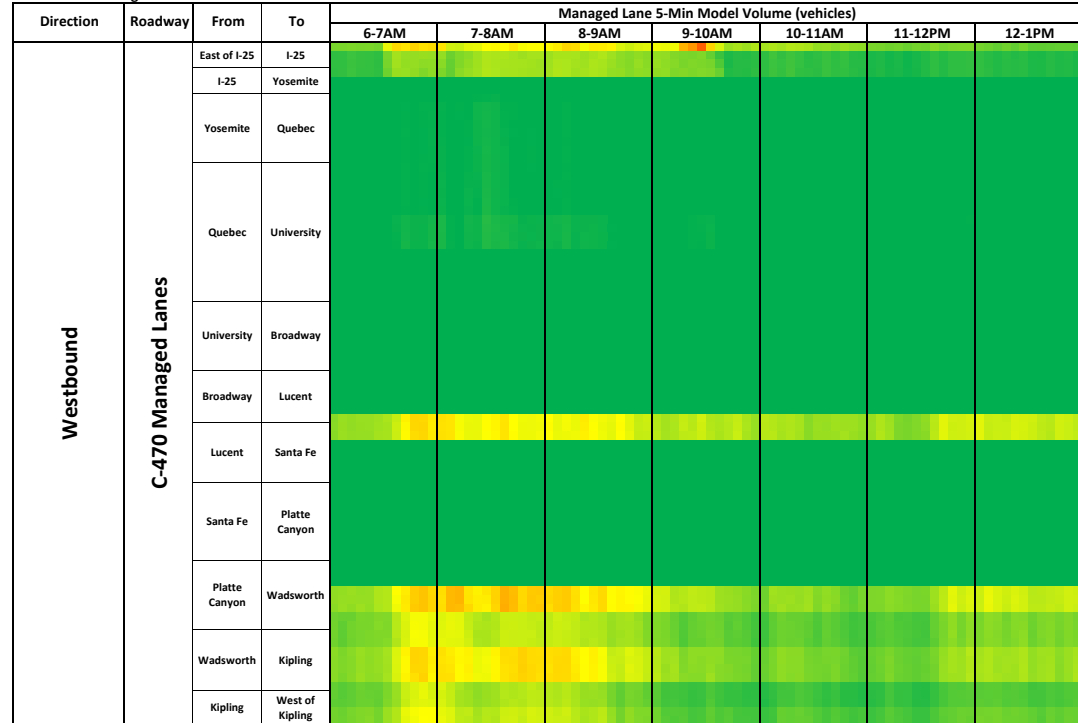


Table 6b  
Westbound General Purpose Lane Volume

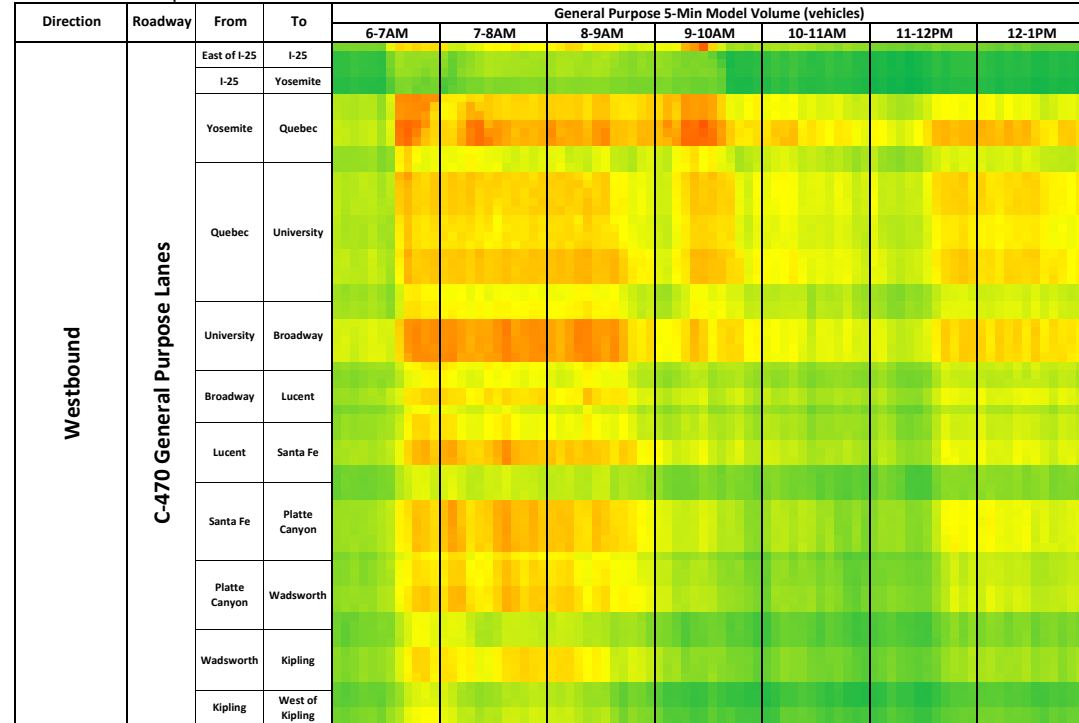


Table 6c  
Eastbound Managed Lane Volume

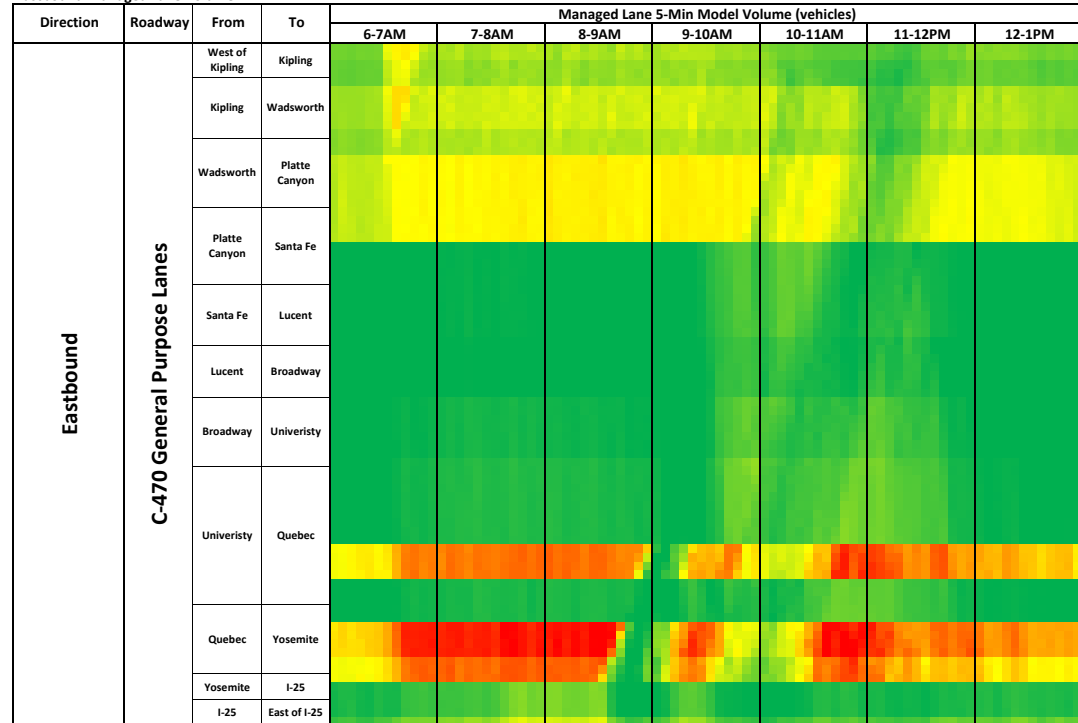


Table 6d  
Eastbound General Purpose Lane Volume

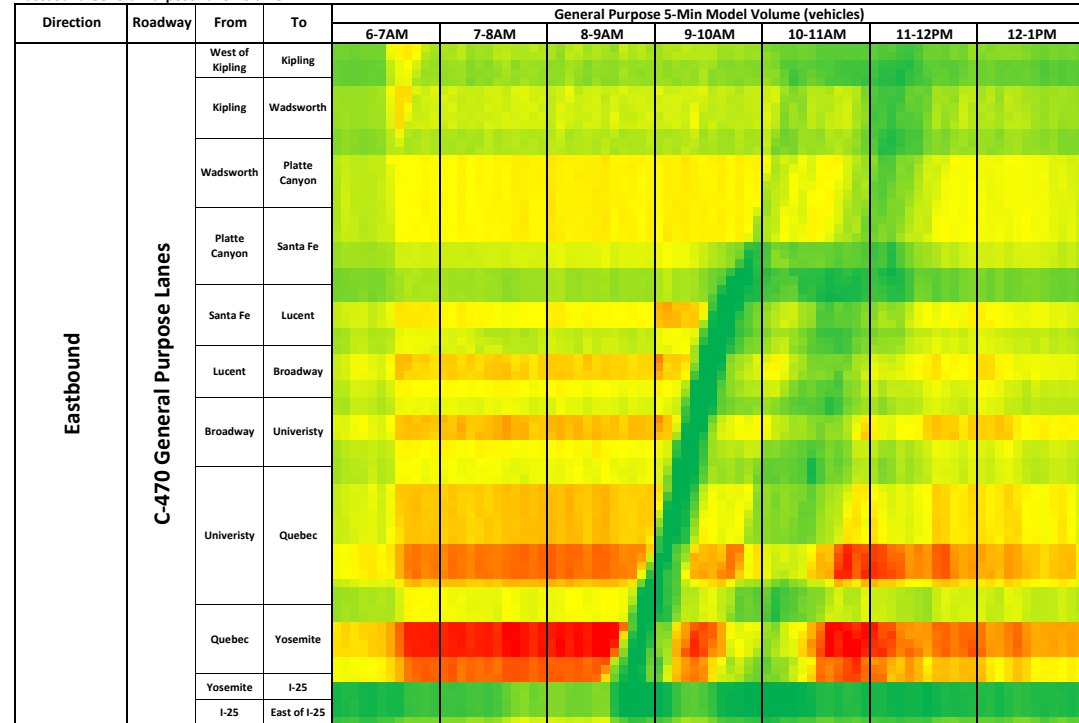


Table 6e  
NB I-25 Volume

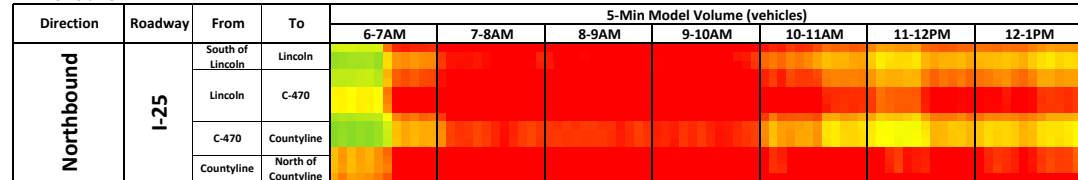
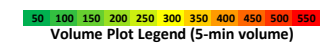
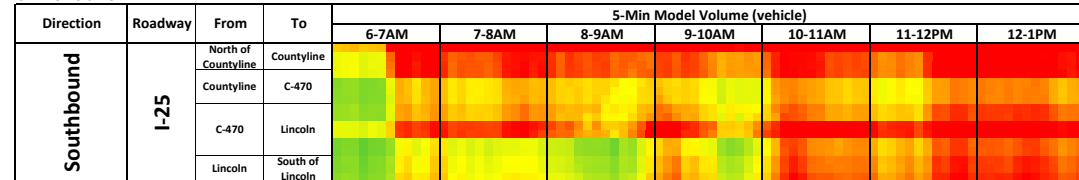


Table 6f  
SB I-25 Volume



## **Appendix D-6**

### **Option C Interim Fixed Pricing I 2035 PM**

**Table 1**  
**Network Summary**

Run#	Total VMT (veh-mi)	Total VHT (veh-hr)	Avg Spd (mph)	Avg Delay (s)	Latent Demand	Total Revenue (2013\$)
run1	1,833,284	57,806	31.71	192	17,590	\$59,883
run2	1,820,861	57,744	31.53	195	20,267	\$57,915
run3	1,821,871	58,476	31.16	201	20,782	\$56,054
run4	1,828,529	58,147	31.45	196	19,411	\$59,971
run5	1,820,443	58,545	31.10	201	21,412	\$62,012
run6						
run7						
run8						
run9						
run10						
Average	1,824,998	58,144	31.39	197	19,892	\$59,167

Revenue and Transaction by User Class

	Transponder	License Plate	Total
Revenue	\$41,170.60	\$17,996.35	\$59,166.95
Transaction	12,836	4,553	17,389
Avg Toll	\$3.21	\$3.95	\$3.40

Minimum Number of Runs Needed:

	Mean	Speed (mph)	Revenue (\$)
		31.39	59,167
Standard Deviation		0.26	2264
Target Error %	1.0%	3	57
	2.5%	1	10
	3.5%	1	5
	5.0%	1	3
	10.0%	1	1

Table 2a  
Westbound Travel Time

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
WB C-470 - Managed Lane	I-25	Yosemite	0.622	0.6	0.6	0.6	12.8	5.7	2.8	2.3	1.6	2.1	0.8	1.0	1.2	0.9	0.6
	Yosemite	Quebec	1.401	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.4	1.6	1.4	1.5	1.5
	Quebec	Colorado	2.063	2.2	2.2	2.3	2.4	2.3	2.3	2.3	2.3	2.3	3.1	7.7	6.3	2.3	2.3
	Colorado	University	1.030	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1
	University	Broadway	1.489	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6
	Broadway	Lucent	1.181	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.4	1.5	1.6	1.5	1.4	1.3	1.3
	Lucent	Santa Fe	1.403	1.5	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.6	1.7	1.7	1.6	1.5	1.5
	Santa Fe	Platte Canyon	1.581	1.7	1.7	1.6	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.9	1.7	1.7
	Platte Canyon	Wadsworth	1.529	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8	1.9	1.8	1.9	1.7	1.6	1.6
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4
	Total		13.754	14.5	14.4	14.7	27.3	20.2	17.2	16.8	16.2	17.0	16.5	21.6	19.8	15.0	14.7
WB C-470 - General Purpose Lanes	I-25	Yosemite	0.622	0.7	5.4	19.5	38.1	45.2	27.9	24.5	15.7	16.9	4.0	4.0	3.5	4.5	3.1
	Yosemite	Quebec	1.401	6.1	8.8	10.2	12.7	11.9	11.3	11.2	11.0	9.9	7.5	6.1	6.2	8.6	5.3
	Quebec	Colorado	2.063	4.0	5.5	7.9	8.3	8.9	8.9	9.1	8.2	9.1	15.6	10.5	6.0	6.9	6.5
	Colorado	University	1.030	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.6	5.3	9.2	4.5	1.4	1.4	1.4
	University	Broadway	1.489	1.6	1.6	1.6	1.6	1.7	1.7	1.7	4.0	9.4	10.3	4.8	1.6	1.6	1.6
	Broadway	Lucent	1.181	1.2	1.2	1.3	1.3	1.3	1.3	1.8	6.1	8.2	7.6	4.2	1.2	1.2	1.2
	Lucent	Santa Fe	1.403	1.4	1.5	1.5	1.6	1.6	3.0	5.5	7.4	7.7	6.2	5.1	3.1	1.6	1.4
	Santa Fe	Platte Canyon	1.581	1.7	1.7	1.8	2.4	3.8	5.2	5.7	5.8	5.8	5.1	5.3	7.3	6.0	4.6
	Platte Canyon	Wadsworth	1.529	1.6	1.6	1.7	1.8	1.9	2.0	2.0	2.1	2.2	2.2	2.1	1.7	1.6	1.6
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4
	Total		13.540	21.0	30.2	48.2	70.6	79.1	64.2	64.4	63.5	76.0	69.0	47.9	33.4	34.8	28.0
WB C-470 - Travel Time Saving	I-25	Yosemite	0.622	0.1	4.8	18.9	25.3	39.5	25.2	22.1	14.2	14.8	3.2	3.0	2.3	3.6	2.5
	Yosemite	Quebec	1.401	4.7	7.3	8.7	11.1	10.3	9.8	9.7	9.5	8.5	6.0	4.5	4.8	7.1	3.8
	Quebec	Colorado	2.063	1.8	3.3	5.6	5.9	6.5	6.6	6.9	6.0	6.8	12.5	2.8	-0.3	4.7	4.2
	Colorado	University	1.030	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.5	4.1	8.0	3.3	0.2	0.3	0.2
	University	Broadway	1.489	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.1	2.3	7.7	8.6	3.1	-0.1	-0.1	-0.1
	Broadway	Lucent	1.181	-0.1	0.0	-0.1	-0.1	0.0	0.0	0.5	4.7	6.7	6.0	2.6	-0.2	-0.1	-0.1
	Lucent	Platte Canyon	1.403	0.0	0.1	0.1	0.1	0.1	1.5	4.0	5.9	6.1	4.5	3.4	1.5	0.1	0.0
	Platte Canyon	Santa Fe	1.581	0.0	0.1	0.2	0.6	2.1	3.5	3.9	4.0	4.0	3.3	3.5	5.4	4.2	2.9
	Santa Fe	Wadsworth	1.529	-0.1	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.2	-0.1	0.0	-0.1
	Wadsworth	Kipling	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total		13.540	6.5	15.7	33.6	43.2	58.9	47.1	47.7	47.3	59.1	52.4	26.3	13.6	19.8	13.4



**Table 2b  
Eastbound Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>EB C-470 - Managed Lane</b>	Kipling	Wadsworth	1.454	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.4	1.5	1.5	1.5	1.5	1.4	1.4
	Wadsworth	Platte Canyon	1.530	1.5	1.5	1.5	1.6	1.6	1.7	1.6	1.5	1.6	1.6	1.6	1.7	1.5	1.4
	Platte Canyon	Santa Fe	1.569	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4
	Santa Fe	Lucent	1.403	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Lucent	Broadway	1.204	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	Broadway	University	1.473	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	University	Colorado	1.026	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Colorado	Quebec	2.068	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	2.0	2.0	1.9
	Quebec	Yosemite	1.388	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		13.749	13.2	13.1	13.2	13.3	13.4	13.5	13.4	13.2	13.3	13.3	13.4	13.4	13.0	12.8
<b>EB C-470 - General Purpose Lanes</b>	Kipling	Wadsworth	1.454	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.4	1.5	1.5	1.5	1.5	1.4	1.4
	Wadsworth	Platte Canyon	1.530	1.5	1.5	1.5	1.6	1.6	1.7	1.6	1.5	1.6	1.6	1.6	1.7	1.5	1.4
	Platte Canyon	Santa Fe	1.569	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5
	Santa Fe	Lucent	1.403	1.5	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.5	1.5	1.6	1.5	1.4	1.3
	Lucent	Broadway	1.204	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.3	1.2	1.2	1.1
	Broadway	University	1.473	1.5	1.5	1.5	1.6	1.8	2.7	3.0	1.5	1.5	1.5	1.9	2.0	1.5	1.4
	University	Colorado	1.026	1.1	1.1	1.1	1.1	1.4	2.4	2.3	1.1	1.0	1.0	1.1	1.4	1.1	1.0
	Colorado	Quebec	2.068	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.2	2.2	2.1	2.0
	Quebec	Yosemite	1.388	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.4	1.4	1.4	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		13.749	14.0	13.9	14.0	14.2	15.0	17.1	16.9	13.9	14.0	14.1	14.8	15.1	13.7	13.1
<b>EB C-470 - Travel Time Saving</b>	Kipling	Wadsworth	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Wadsworth	Platte Canyon	1.530	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Platte Canyon	Santa Fe	1.569	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
	Santa Fe	Lucent	1.403	0.1	0.2	0.2	0.2	0.3	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.1	0.0
	Lucent	Broadway	1.204	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.0
	Broadway	University	1.473	0.1	0.1	0.1	0.2	0.3	1.3	1.6	0.1	0.1	0.1	0.5	0.6	0.1	0.0
	University	Colorado	1.026	0.1	0.1	0.1	0.1	0.4	1.4	1.3	0.1	0.1	0.1	0.1	0.4	0.1	0.0
	Colorado	Quebec	2.068	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.1
	Quebec	Yosemite	1.388	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.0
	Yosemite	I-25	0.635	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>Total</b>		13.749	0.8	0.8	0.8	1.0	1.6	3.5	3.5	0.8	0.7	0.8	1.4	1.7	0.7	0.3

**Table 2c**  
**I-25 Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>NB I-25</b>	Lincoln	C-470	1.323	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2
	C-470	Countyline	0.761	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
	Total		2.084	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
<b>SB I-25</b>	Countyline	C-470	0.761	0.8	0.8	0.8	0.9	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	0.9
	C-470	Lincoln	1.323	1.3	1.3	1.3	1.4	1.5	1.5	1.6	1.5	1.4	1.5	1.7	1.4	1.5	1.3
	Total		2.084	2.1	2.2	2.2	2.3	2.5	2.5	2.6	2.5	2.5	2.5	2.7	2.4	2.4	2.2

**Table 2d**  
**NB/SB I-25 Ramp to C-470 WB Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>NB I-25 - General Purpose</b>	Lincoln	Yosemite	1.963	2.4	3.2	3.7	5.2	7.4	8.3	6.0	4.1	3.8	3.0	3.1	2.9	3.0	2.4
	Yosemite	Quebec	1.402	6.1	8.8	10.2	12.7	11.9	11.3	11.2	11.0	9.9	7.5	6.1	6.2	8.6	5.3
	Total		3.365	8.5	12.0	13.9	17.9	19.3	19.7	17.2	15.1	13.8	10.5	9.1	9.1	11.6	7.7
<b>NB I-25 - Managed Lane</b>	Lincoln	Yosemite	1.967	2.3	2.3	2.4	2.7	4.4	4.7	3.5	2.6	2.7	2.6	2.6	2.5	2.3	2.2
	Yosemite	Quebec	1.398	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.6	1.6
	Total		3.364	3.9	3.9	4.0	4.3	6.0	6.3	5.1	4.2	4.3	4.2	4.4	4.1	3.8	3.8
<b>SB I-25 - General Purpose</b>	Countyline	Yosemite	1.142	1.3	2.6	3.4	5.6	6.7	6.2	4.6	3.4	3.4	2.0	2.0	1.8	2.3	1.6
	Yosemite	Quebec	1.402	6.1	8.8	10.2	12.7	11.9	11.3	11.2	11.0	9.9	7.5	6.1	6.2	8.6	5.3
	Total		2.544	7.5	11.4	13.6	18.3	18.6	17.6	15.8	14.4	13.4	9.4	8.1	8.0	10.9	6.9
<b>SB I-25 - Managed Lane</b>	Countyline	Yosemite	1.187	1.3	1.3	1.3	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4
	Yosemite	Quebec	1.398	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.4	1.6	1.4	1.5	1.5
	Total		2.585	2.8	2.8	2.8	3.0	3.0	3.0	3.0	2.9	2.9	2.9	3.1	2.9	2.9	2.9

Table 3

Revenue and Transaction			Revenue																				Transactions										Average Toll Price (2013)																
User	Direction	From	To	13:00-13:30	13:30-14:00	14:00-14:30	14:30-15:00	15:00-15:30	15:30-16:00	16:00-16:30	16:30-17:00	17:00-17:30	17:30-18:00	18:00-18:30	18:30-19:00	19:00-19:30	19:30-20:00	Total	13:00-13:30	13:30-14:00	14:00-14:30	14:30-15:00	15:00-15:30	15:30-16:00	16:00-16:30	16:30-17:00	17:00-17:30	17:30-18:00	18:00-18:30	18:30-19:00	19:00-19:30	19:30-20:00	Total	1:00-1:30	1:30-2:00	2:00-2:30	2:30-3:00	3:00-3:30	3:30-4:00	4:00-4:30	4:30-5:00	5:00-5:30	5:30-6:00	6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	Total	
				13:00-13:30	13:30-14:00	14:00-14:30	14:30-15:00	15:00-15:30	15:30-16:00	16:00-16:30	16:30-17:00	17:00-17:30	17:30-18:00	18:00-18:30	18:30-19:00	19:00-19:30	19:30-20:00	Total	13:00-13:30	13:30-14:00	14:00-14:30	14:30-15:00	15:00-15:30	15:30-16:00	16:00-16:30	16:30-17:00	17:00-17:30	17:30-18:00	18:00-18:30	18:30-19:00	19:00-19:30	19:30-20:00	Total	1:00-1:30	1:30-2:00	2:00-2:30	2:30-3:00	3:00-3:30	3:30-4:00	4:00-4:30	4:30-5:00	5:00-5:30	5:30-6:00	6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	Total	
Transponder Users	Westbound	SB I-25	University	104	160	226	283	495	457	417	307	101	52	62	108	164	134	3,071	52	80	113	142	165	152	139	102	34	17	31	54	82	67	1,231	2.00	2.00	2.00	2.00	3.00	3.00	3.00	3.00	3.00	3.00	2.00	2.00	2.00	2.00	2.50	
			Broadway	69	84	148	230	215	214	149	133	121	220	201	62	112	108	2,064	17	21	37	57	36	36	25	22	20	42	37	50	15	28	27	428	4.00	4.00	4.00	4.00	6.00	6.00	6.00	6.00	6.00	6.00	4.00	4.00	4.00	4.00	4.82
			Santa Fe	63	87	164	248	208	205	142	192	122	158	189	34	80	74	1,966	16	22	41	62	35	34	24	32	20	26	47	9	20	18	406	4.00	4.00	4.00	4.00	6.00	6.00	6.00	6.00	6.00	6.00	4.00	4.00	4.00	4.00	4.84	
			Wadsworth	35	37	84	155	184	206	238	418	435	508	506	133	72	64	3,075	6	6	14	26	23	26	28	49	51	60	78	20	12	11	410	6.00	6.00	6.00	6.00	8.00	8.00	8.50	8.50	8.50	8.50	6.00	6.00	6.00	6.00	7.51	
		NB I-25	University	82	104	144	178	239	283	263	167	109	101	41	64	137	110	2,024	41	52	72	89	80	94	88	56	36	34	21	32	69	55	818	2.00	2.00	2.00	2.00	3.00	3.00	3.00	3.00	3.00	3.00	2.00	2.00	2.00	2.00	2.47	
			Broadway	24	43	73	106	79	89	84	70	59	139	108	29	81	54	1,036	6	11	18	26	13	15	14	12	10	23	27	7	20	13	216	4.00	4.00	4.00	4.00	6.00	6.00	6.00	6.00	6.00	6.00	4.00	4.00	4.00	4.00	4.80	
			Santa Fe	42	68	125	139	109	86	91	114	172	250	135	23	70	62	1,487	11	17	31	35	18	14	15	19	29	42	34	6	18	15	303	4.00	4.00	4.00	4.00	6.00	6.00	6.00	6.00	6.00	6.00	4.00	4.00	4.00	4.00	4.90	
			Wadsworth	12	25	67	78	54	72	107	136	180	309	342	98	38	50	1,570	2	4	11	13	7	9	13	16	21	36	53	15	6	8	215	6.00	6.00	6.00	6.00	8.00	8.00	8.50	8.50	8.50	8.50	6.00	6.00	6.00	6.00	7.31	
		E-470	University	60	94	148	18	68	70	96	103	95	224	102	86	52	16	1,232	30	47	74	9	23	23	32	34	32	75	51	43	26	8	507	2.00	2.00	2.00	2.00	3.00	3.00	3.00	3.00	3.00	3.00	2.00	2.00	2.00	2.00	2.43	
			Broadway	27	49	107	19	143	215	229	424	212	757	254	46	38	28	2,549	7	12	27	5	24	36	38	71	35	126	63	12	10	7	472	4.00	4.00	4.00	4.00	6.00	6.00	6.00	6.00	6.00	6.00	4.00	4.00	4.00	4.00	5.40	
			Santa Fe	38	72	107	20	88	156	216	274	227	786	330	42	32	24	2,411	10	18	27	5	15	26	36	46	38	131	82	10	8	6	457	4.00	4.00	4.00	4.00	6.00	6.00	6.00	6.00	6.00	6.00	4.00	4.00	4.00	4.00	5.27	
			Wadsworth	16	19	54	37	109	299	318	680	539	1,819	809	221	28	20	4,967	3	9	6	14	37	37	80	63	214	124	34	5	3	6	633	6.00	6.00	6.00	6.00	8.00	8.00	8.50	8.50	8.50	8.50	6.00	6.00	6.00	6.00	7.84	
		Quebec	University	28	33	38	32	25	20	13	13	21	29	27	26	36	33	373	14	17	19	16	8	7	4	7	10	14	13	18	17	167	2.00	2.00	2.00	2.00	3.00	3.00	3.00	3.00	3.00	3.00	2.00	2.00	2.00	2.00	2.24		
			Broadway	28	42	44	48	61	48	39	48	53	103	77	69	51	40	752	14	21	22	24	20	16	13	16	18	34	39	35	26	20	317	2.00	2.00	2.00	2.00	3.00	3.00	3.00	3.00	3.00	3.00	2.00	2.00	2.00	2.00	2.37	
	Santa Fe		51	48	55	65	68	52	71	82	220	418	254	44	34	33	1,494	25	24	27	33	23	17	24	27	73	139	127	22	17	17	595	2.00	2.00	2.00	2.00	3.00	3.00	3.00	3.00	3.00	3.00	2.00	2.00	2.00	2.00	2.51		
	Wadsworth		22	26	40	49	35	80	90	189	205	330	800	227	36	26	2,156	6	7	10	12	7	16	16	34	37	60	178	50	9	7	449	4.00	4.00	4.00	4.00	5.00	5.00	5.50	5.50	5.50	5.50	4.00	4.00	4.00	4.00	4.80		
	University	Santa Fe	39	32	16	25	18	26	16	22	50	68	33	25	18	9	395	20	16	8	12	9	13	6	9	20	27	13	10	9	4	176	2.00	2.00	2.00	2.00	2.00	2.50	2.50	2.50	2.50	2.50	2.00	2.00	2.00	2.00	2.24		
		Broadway	63	36	32	38	78	147	203	340	257	248	133	93	58	26	1,749	32	18	16	19	39	73	81	136	103	99	53	37	29	13	747	2.00	2.00	2.00	2.00	2.00	2.00	2.50	2.50	2.50	2.50	2.00	2.00	2.00	2.00	2.34		
		Wadsworth	22	31	27	37	52	79	102	99	160	148	68	112	81	42	1,058	11	16	13	18	26	39	41	40	64	59	27	45	41	21	460	2.00	2.00	2.00	2.00	2.00	2.50	2.50	2.50	2.50	2.50	2.00	2.00	2.00	2.00	2.30		
		Westbound Total	826	1,091	1,700	1,804	2,328	2,804	2,883	3,809	3,336	6,666	4,469	1,541	1,219	954	35,430	321	411	590	609	584	685	674	805	711	1,249	1,112	470	451	338	9,009	2.58	2.66	2.88	2.96	3.99	4.09	4.28	4.73	4.69	5.34	4.02	3.28	2.70	2.82	3.93		
	Eastbound	Wadsworth	Broadway	41	40	46	50	54	65	55	50	62	68	79	67	49	30	754	28	27	31	34	36	43	36	33	41	45	52	44	32	20	503	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
			Quebec	22	33	29	23	21	35	26	17	23	28	26	23	14	8	327	15	22	20	15	14	23	17	11	15	19	17	15	9	6	218	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
			Yosemite	103	100	121	124	132	157	121	84	92	105	114	118	92	54	1,517	68	67	81	83	88	104	80	56	61	70	76	79	61	36	1,011	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
			Quebec	19	14	20	16	26	33	25	16	17	18	13	13	10	7	247	12	9	13	11	12	16	11	12	12	9	9	7	5	165	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
		Lucent	Yosemite	74	79	73	80	106	129	86	58	63	65	84	102	53	36	1,088	49	53	49	53	71	86	58	39	42	43	56	68	36	24	726	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
			Quebec	11	12	11	14	5	7	11	10	14	13	14	21	9	5	155	8	7	10	3	4	7	6	9	9	9	14	6	3	104	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
			Broadway	59	56	57	61	75	84	75	72	69	74	107	103	56	37	984	39	37	38	41	50	56	50	48	46	49	71	69	37	25	656	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
			University	42	44	41	51	49	61	49	55	52	53	57	45	39	29	668	28	30	27	34	33	41	33	37	35	35	38	30	26	20	445	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
University		Yosemite	370	378	399	420	468	569	447	362	391	424	493	491	322	207	5,741	247	252	266	280	312	380	298	241	261	283	329	328	215	138	3,827	1.50	1.50</															



Table 5a  
Westbound Managed Lane Speed

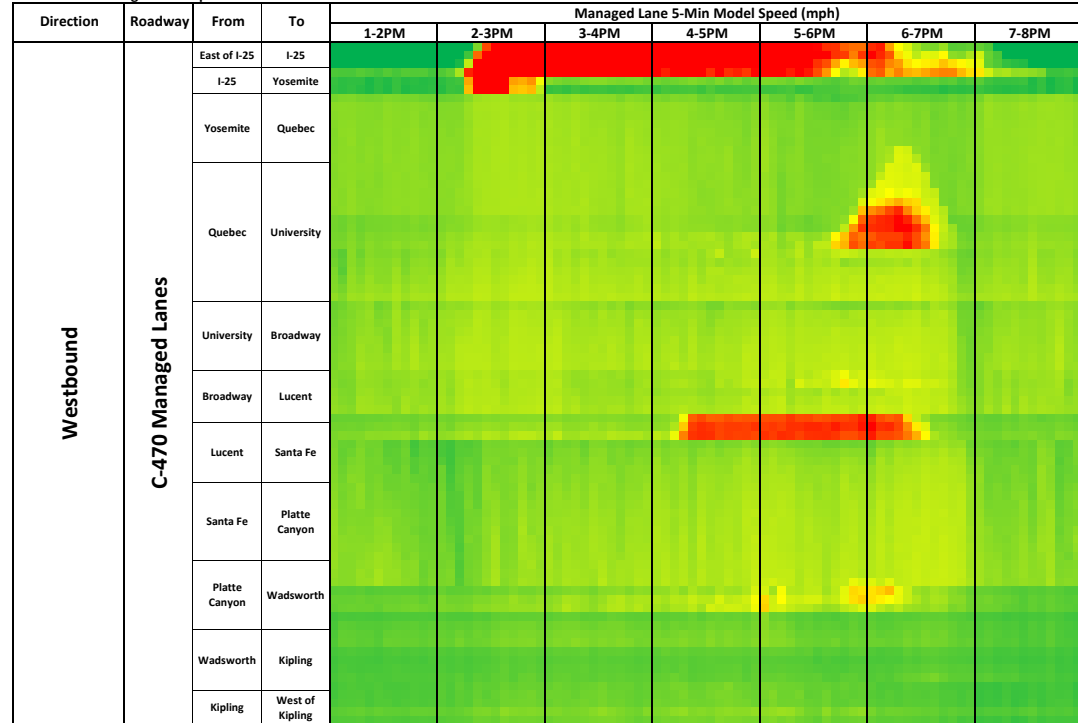


Table 5b  
Westbound General Purpose Lane Speed

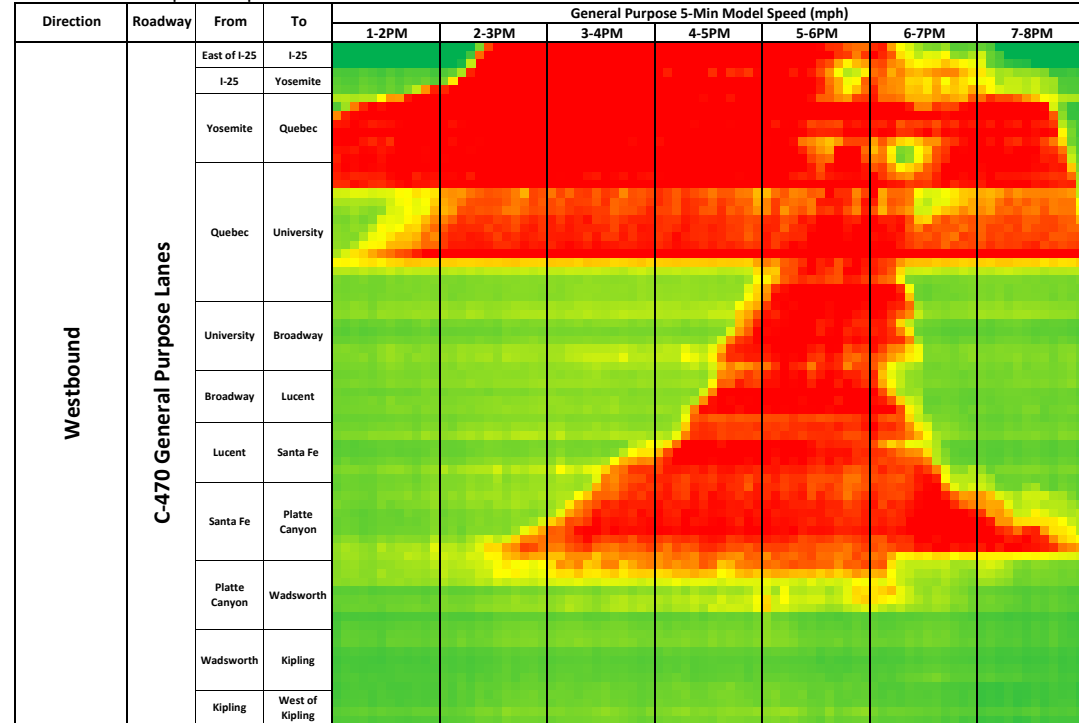


Table 5c  
Eastbound Managed Lane Speed

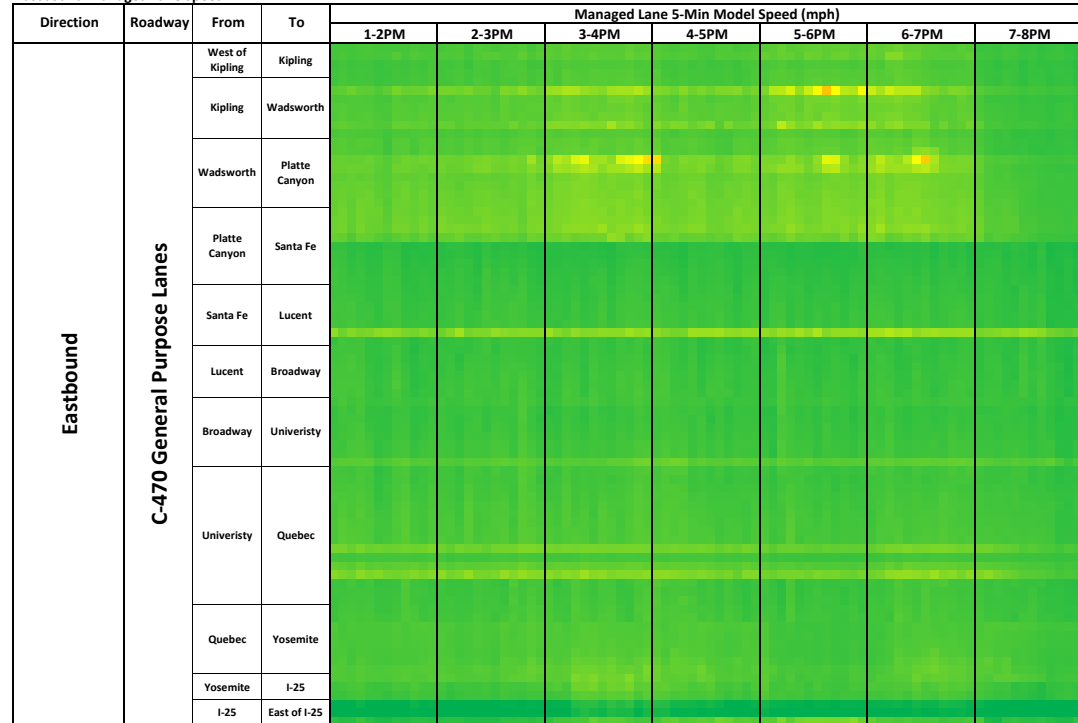


Table 5d  
Eastbound General Purpose Lane Speed

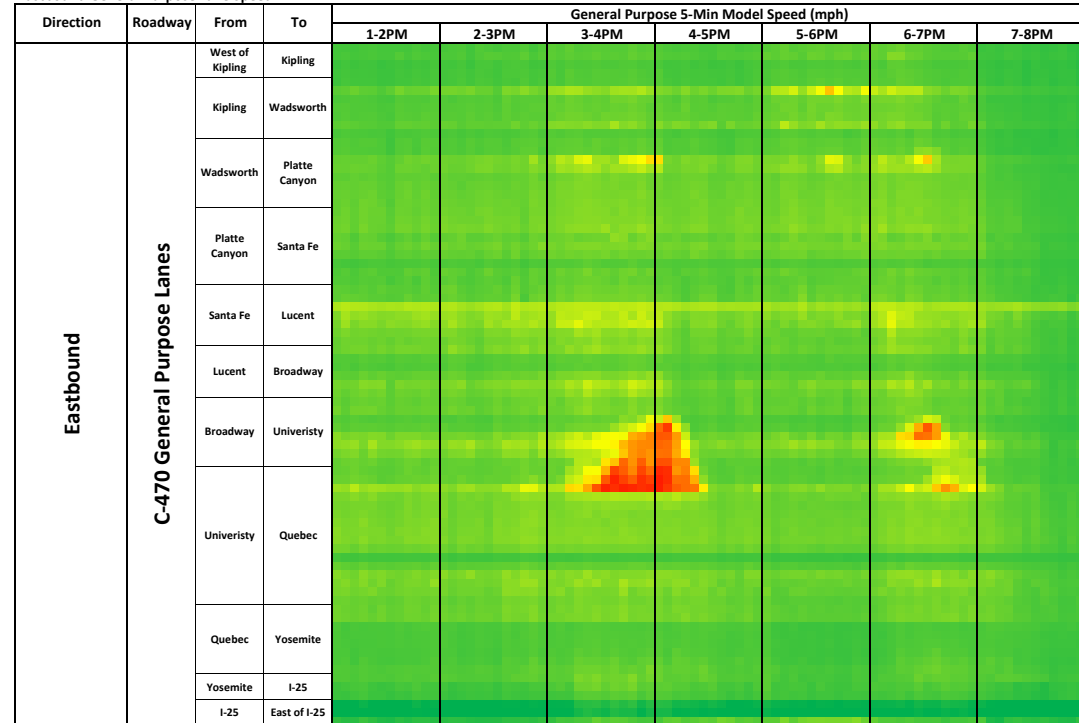


Table 5e  
NB I-25 Speed

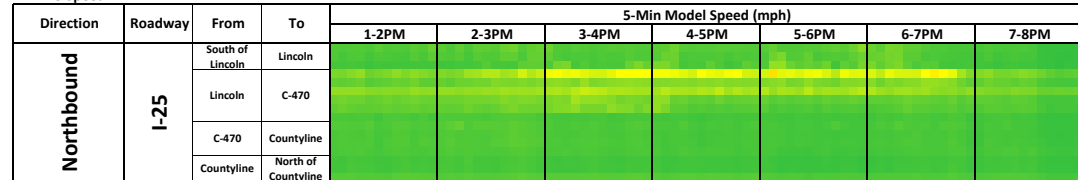


Table 5f  
SB I-25 Speed

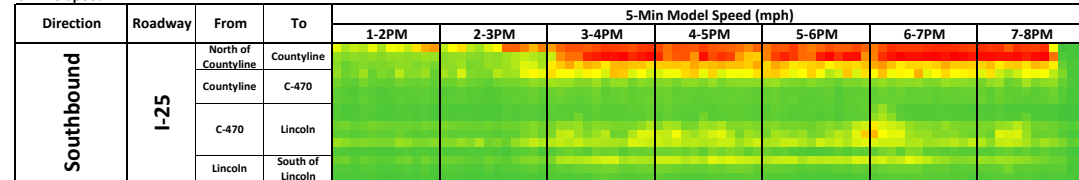


Table 6a  
Westbound Managed Lane Volume

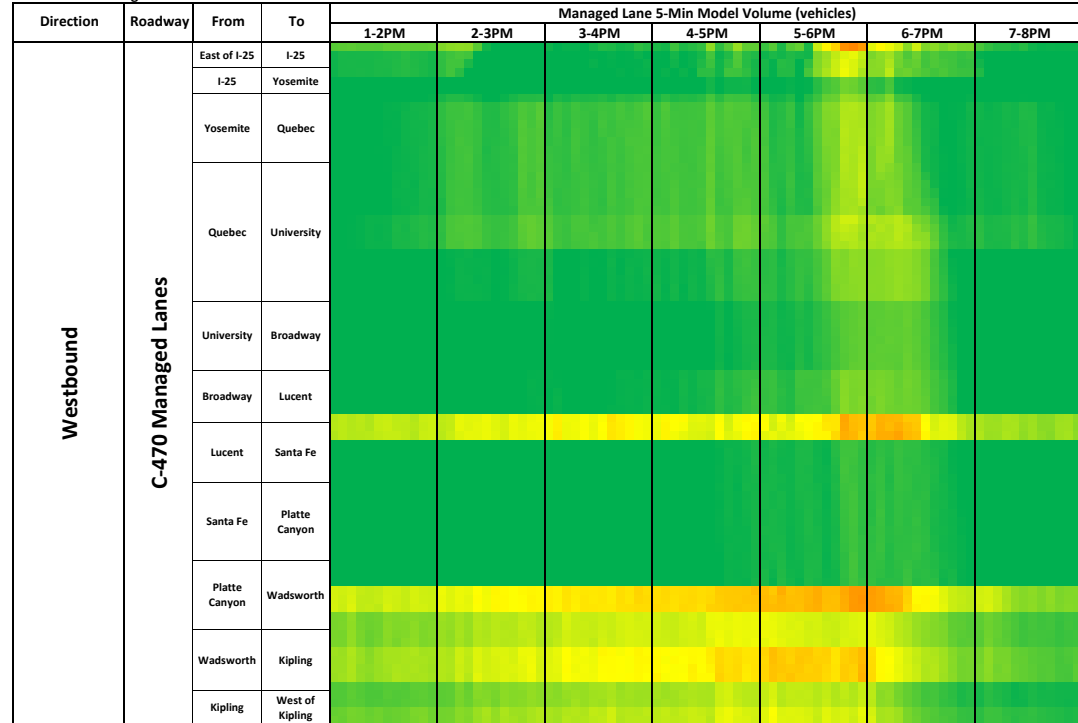


Table 6b  
Westbound General Purpose Lane Volume

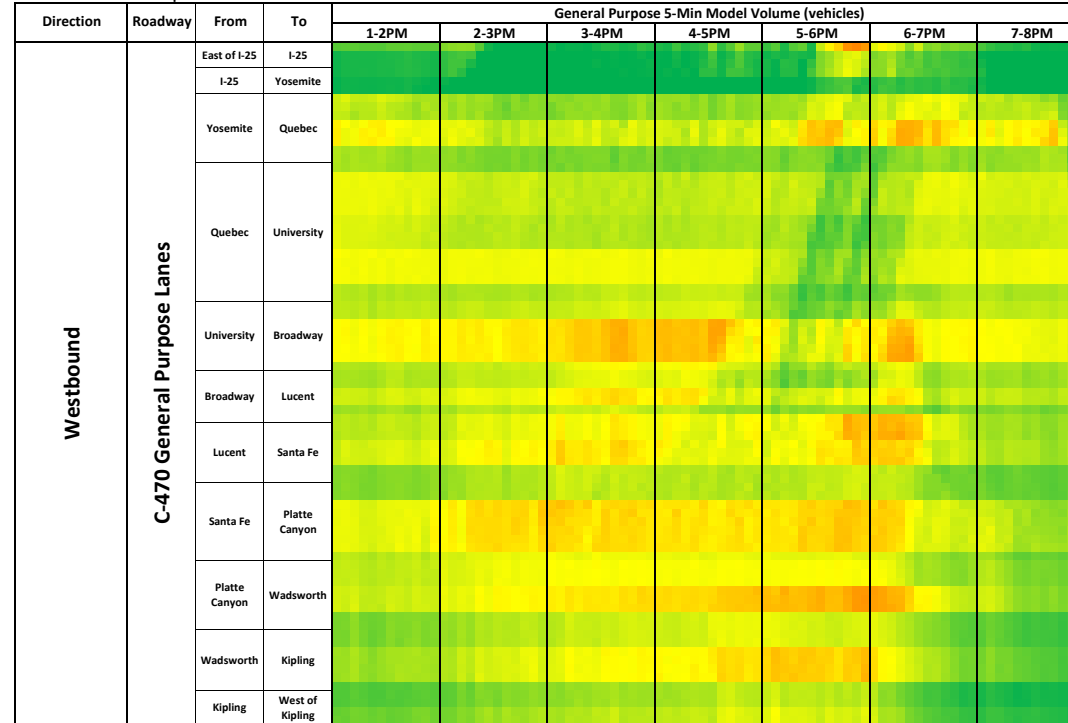


Table 6c  
Eastbound Managed Lane Volume

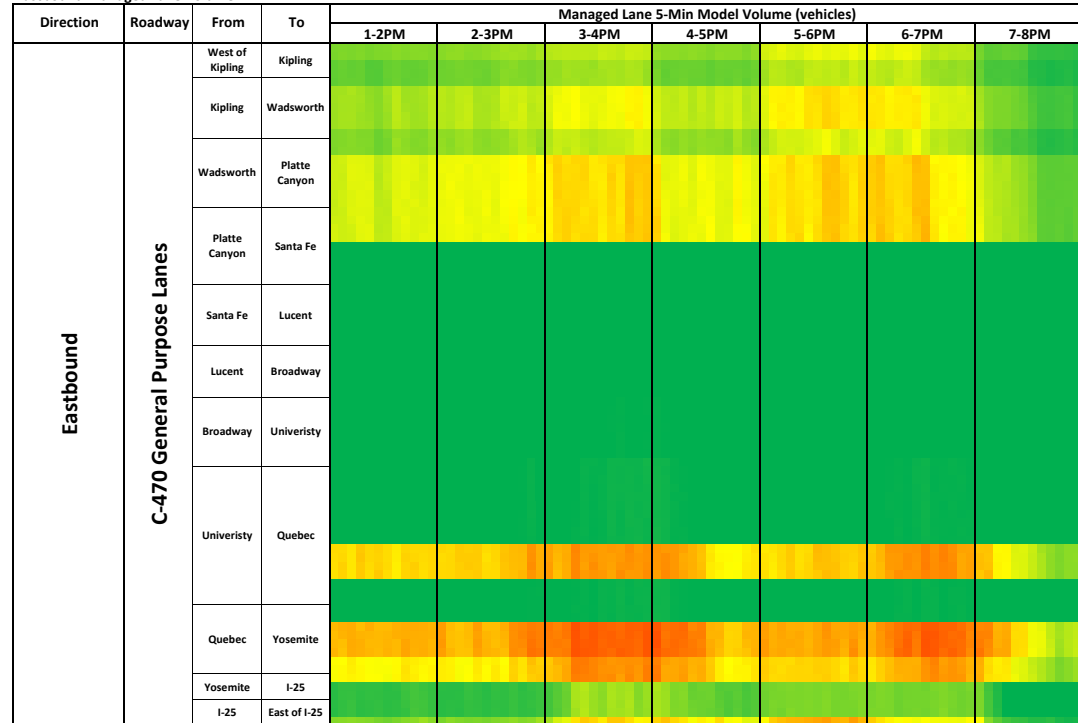


Table 6d  
Eastbound General Purpose Lane Volume

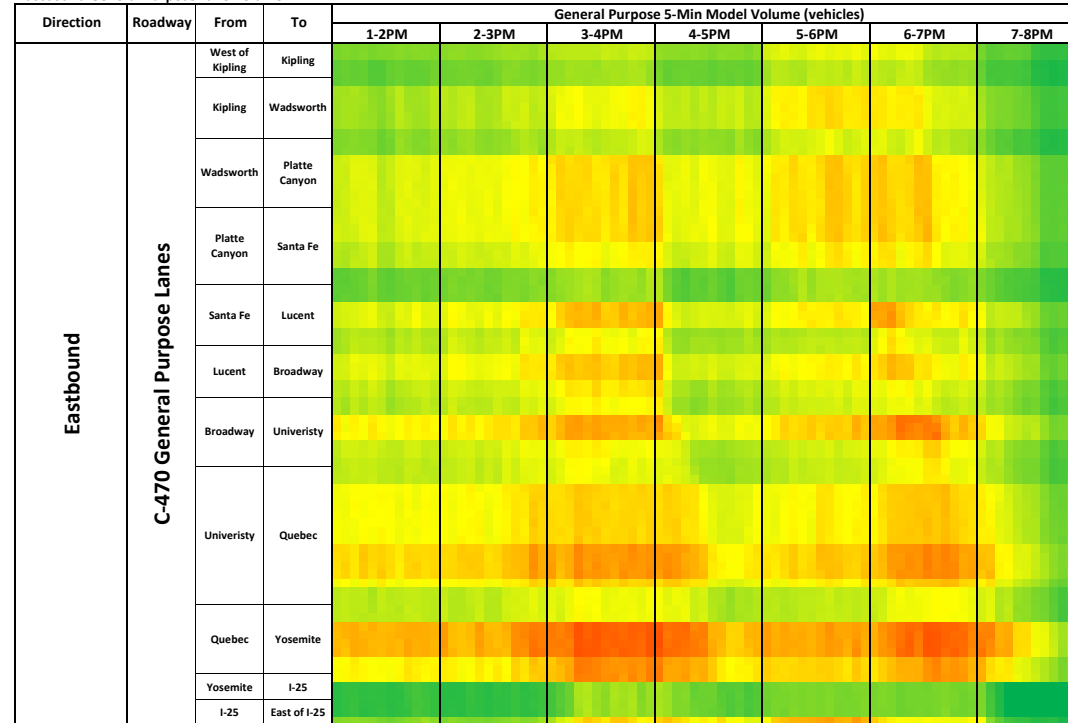


Table 6e  
NB I-25 Volume

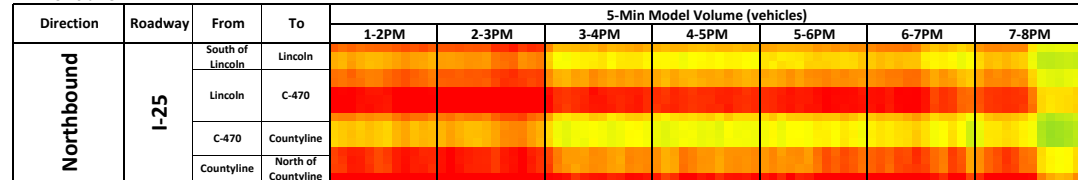
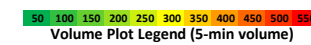
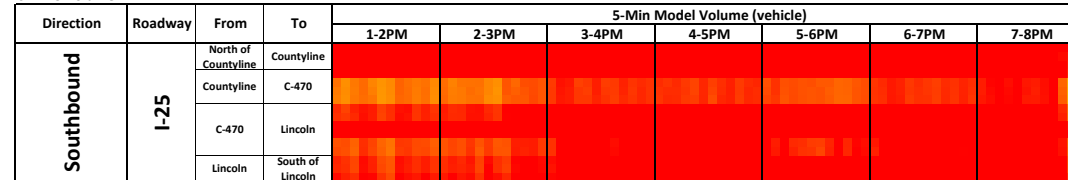


Table 6f  
SB I-25 Volume



## **Appendix E-1**

### **Option C Interim Fixed Pricing II 2018 AM**

**Table 1**  
**Network Summary**

Run#	Total VMT (veh-mi)	Total VHT (veh-hr)	Avg Spd (mph)	Avg Delay (s)	Latent Demand	Total Revenue (2013\$)
run1	1,433,969	31,953	44.88	68	3,708	\$17,464
run2	1,436,687	31,542	45.55	63	3,612	\$17,284
run3	1,437,417	31,796	45.21	65	3,665	\$17,736
run4	1,435,774	31,770	45.19	65	3,566	\$17,715
run5	1,440,035	31,840	45.23	65	3,747	\$17,396
run6						
run7						
run8						
run9						
run10						
Average	1,436,776	31,780	45.21	65	3,660	\$17,519

Revenue and Transaction by User Class

	Transponder	License Plate	Total
Revenue	\$7,527.75	\$9,991.20	\$17,518.95
Transaction	5,788	4,954	10,742
Avg Toll	\$1.30	\$2.02	\$1.63

Minimum Number of Runs Needed:

	Mean	Speed (mph)	Revenue (\$)
		45.21	17,519
Standard Deviation		0.24	199
Target Error %	1.0%	2	5
	2.5%	1	1
	3.5%	1	1
	5.0%	1	1
	10.0%	1	1



**Table 2a**  
**Westbound Travel Time**

Direction	From	To	Distance (mi)	Model Travel Time (mins)													
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00
<b>WB C-470 - Managed Lane</b>	I-25	Yosemite	0.622	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	Yosemite	Quebec	1.401	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.5	1.5	1.5
	Quebec	Colorado	2.063	2.1	2.2	2.1	2.2	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.3	2.2	2.2
	Colorado	University	1.030	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	University	Broadway	1.489	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	Broadway	Lucent	1.181	1.2	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Lucent	Santa Fe	1.403	1.4	1.4	1.5	1.5	1.5	1.4	1.4	1.5	1.5	1.4	1.5	1.5	1.5	1.5
	Santa Fe	Platte Canyon	1.581	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.7	1.7	1.7
	Platte Canyon	Wadsworth	1.529	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	<b>Total</b>		<b>13.754</b>	<b>14.0</b>	<b>14.4</b>	<b>14.4</b>	<b>14.4</b>	<b>14.2</b>	<b>14.1</b>	<b>14.2</b>	<b>14.4</b>	<b>14.4</b>	<b>14.2</b>	<b>14.4</b>	<b>14.5</b>	<b>14.4</b>	
<b>WB C-470 - General Purpose Lanes</b>	I-25	Yosemite	0.622	0.6	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	Yosemite	Quebec	1.401	1.3	1.8	2.9	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.4	1.4
	Quebec	Colorado	2.063	2.0	3.2	4.8	3.0	2.2	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.1	2.1
	Colorado	University	1.030	1.0	1.3	1.3	1.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.1
	University	Broadway	1.489	1.5	1.7	1.7	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Broadway	Lucent	1.181	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.2
	Lucent	Santa Fe	1.403	1.4	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	Santa Fe	Platte Canyon	1.581	1.5	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6
	Platte Canyon	Wadsworth	1.529	1.5	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	<b>Total</b>		<b>13.540</b>	<b>13.6</b>	<b>16.0</b>	<b>18.8</b>	<b>15.1</b>	<b>13.8</b>	<b>13.7</b>	<b>13.7</b>	<b>13.5</b>	<b>13.5</b>	<b>13.5</b>	<b>13.4</b>	<b>13.6</b>	<b>13.7</b>	
<b>WB C-470 - Travel Time Saving</b>	I-25	Yosemite	0.622	0.0	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0
	Yosemite	Quebec	1.401	-0.1	0.4	1.5	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
	Quebec	Colorado	2.063	-0.1	1.0	2.7	0.9	0.0	0.0	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2	-0.1	-0.1
	Colorado	University	1.030	0.0	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0
	University	Broadway	1.489	0.0	0.0	0.1	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
	Broadway	Lucent	1.181	-0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
	Lucent	Platte Canyon	1.403	0.0	0.1	0.1	0.0	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
	Platte Canyon	Santa Fe	1.581	-0.1	0.0	-0.1	-0.1	-0.2	-0.1	-0.1	-0.2	-0.2	-0.1	-0.2	-0.2	-0.2	-0.2
	Santa Fe	Wadsworth	1.529	-0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
	Wadsworth	Kipling	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>Total</b>		<b>13.540</b>	<b>-0.4</b>	<b>1.6</b>	<b>4.4</b>	<b>0.7</b>	<b>-0.4</b>	<b>-0.4</b>	<b>-0.5</b>	<b>-1.0</b>	<b>-0.8</b>	<b>-0.8</b>	<b>-1.0</b>	<b>-0.9</b>	<b>-0.7</b>	

**Table 2b**  
**Eastbound Travel Time**

Direction	From	To	Distance (mi)	Model Travel Time (mins)													
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00
<b>EB C-470 - Managed Lane</b>	Kipling	Wadsworth	1.454	1.4	3.4	7.4	6.1	5.8	5.5	6.2	3.7	1.4	1.4	1.4	1.4	1.4	1.4
	Wadsworth	Platte Canyon	1.530	1.5	2.8	3.5	3.1	3.0	2.9	3.3	2.8	1.5	1.5	1.5	1.5	1.5	1.5
	Platte Canyon	Santa Fe	1.569	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Santa Fe	Lucent	1.403	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Lucent	Broadway	1.204	1.1	1.1	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	Broadway	University	1.473	1.4	1.4	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	University	Colorado	1.026	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Colorado	Quebec	2.068	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	2.0
	Quebec	Yosemite	1.388	1.3	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>13.2</b>	<b>16.6</b>	<b>21.4</b>	<b>19.5</b>	<b>19.1</b>	<b>18.7</b>	<b>19.8</b>	<b>16.7</b>	<b>13.0</b>	<b>13.0</b>	<b>13.0</b>	<b>13.1</b>	<b>13.2</b>	<b>13.1</b>
<b>EB C-470 - General Purpose Lanes</b>	Kipling	Wadsworth	1.454	1.4	3.4	7.4	6.1	5.8	5.5	6.2	3.7	1.4	1.4	1.4	1.4	1.4	1.4
	Wadsworth	Platte Canyon	1.530	1.5	2.8	3.5	3.1	3.0	2.9	3.3	2.8	1.5	1.5	1.5	1.5	1.5	1.5
	Platte Canyon	Santa Fe	1.569	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.6	1.6
	Santa Fe	Lucent	1.403	1.5	1.7	1.8	1.5	1.5	1.5	1.7	1.6	1.5	1.4	1.4	1.5	1.5	1.5
	Lucent	Broadway	1.204	1.3	1.7	3.4	1.7	1.3	1.3	1.4	1.3	1.2	1.2	1.2	1.2	1.3	1.2
	Broadway	University	1.473	1.5	2.1	2.1	1.8	1.5	1.6	1.8	1.6	1.5	1.5	1.5	1.5	1.5	1.5
	University	Colorado	1.026	1.0	1.1	1.3	1.4	1.1	1.1	1.2	1.1	1.0	1.0	1.0	1.0	1.1	1.0
	Colorado	Quebec	2.068	2.1	2.2	2.2	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1
	Quebec	Yosemite	1.388	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.4	1.4	1.4
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>14.0</b>	<b>18.7</b>	<b>25.3</b>	<b>21.2</b>	<b>19.9</b>	<b>19.7</b>	<b>21.4</b>	<b>17.8</b>	<b>13.7</b>	<b>13.6</b>	<b>13.5</b>	<b>13.8</b>	<b>13.9</b>	<b>13.8</b>
<b>EB C-470 - Travel Time Saving</b>	Kipling	Wadsworth	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Wadsworth	Platte Canyon	1.530	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Platte Canyon	Santa Fe	1.569	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	Santa Fe	Lucent	1.403	0.2	0.4	0.4	0.2	0.2	0.2	0.4	0.2	0.1	0.1	0.1	0.1	0.2	0.1
	Lucent	Broadway	1.204	0.1	0.6	2.2	0.5	0.2	0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1
	Broadway	University	1.473	0.1	0.7	0.7	0.3	0.1	0.2	0.4	0.2	0.1	0.1	0.1	0.1	0.1	0.1
	University	Colorado	1.026	0.1	0.2	0.3	0.4	0.1	0.1	0.2	0.1	0.1	0.1	0.0	0.1	0.1	0.1
	Colorado	Quebec	2.068	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2
	Quebec	Yosemite	1.388	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	Yosemite	I-25	0.635	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>Total</b>		<b>13.749</b>	<b>0.8</b>	<b>2.1</b>	<b>3.9</b>	<b>1.7</b>	<b>0.8</b>	<b>1.0</b>	<b>1.6</b>	<b>1.1</b>	<b>0.7</b>	<b>0.6</b>	<b>0.5</b>	<b>0.7</b>	<b>0.8</b>	<b>0.7</b>







Table 5a  
Westbound Managed Lane Speed

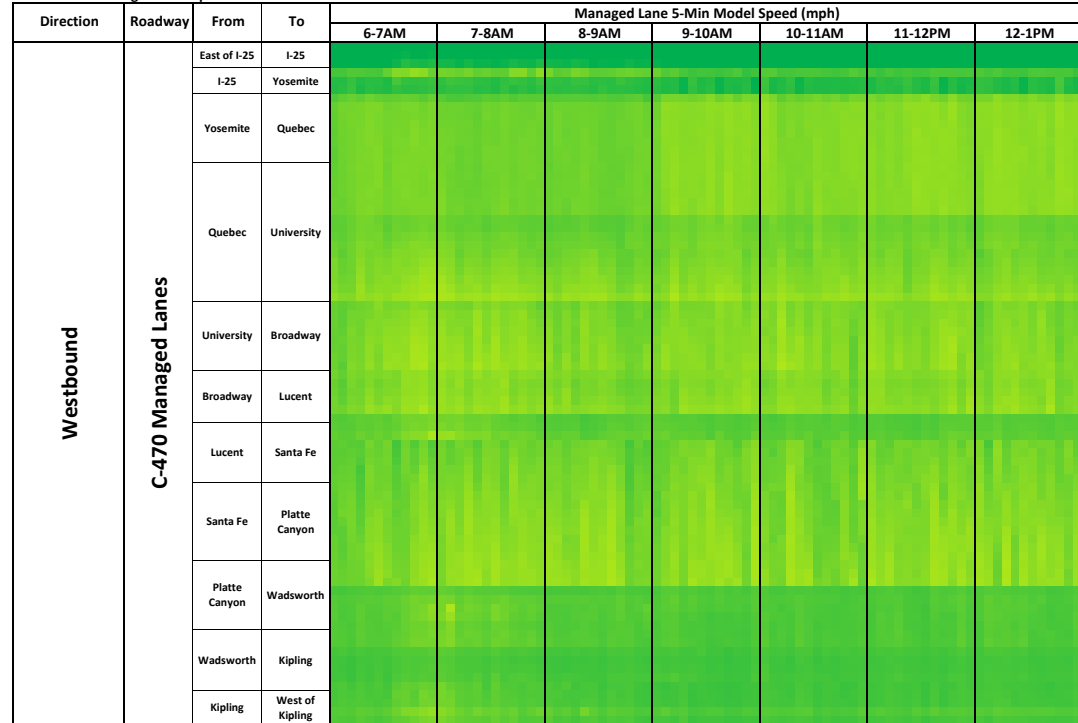


Table 5b  
Westbound General Purpose Lane Speed

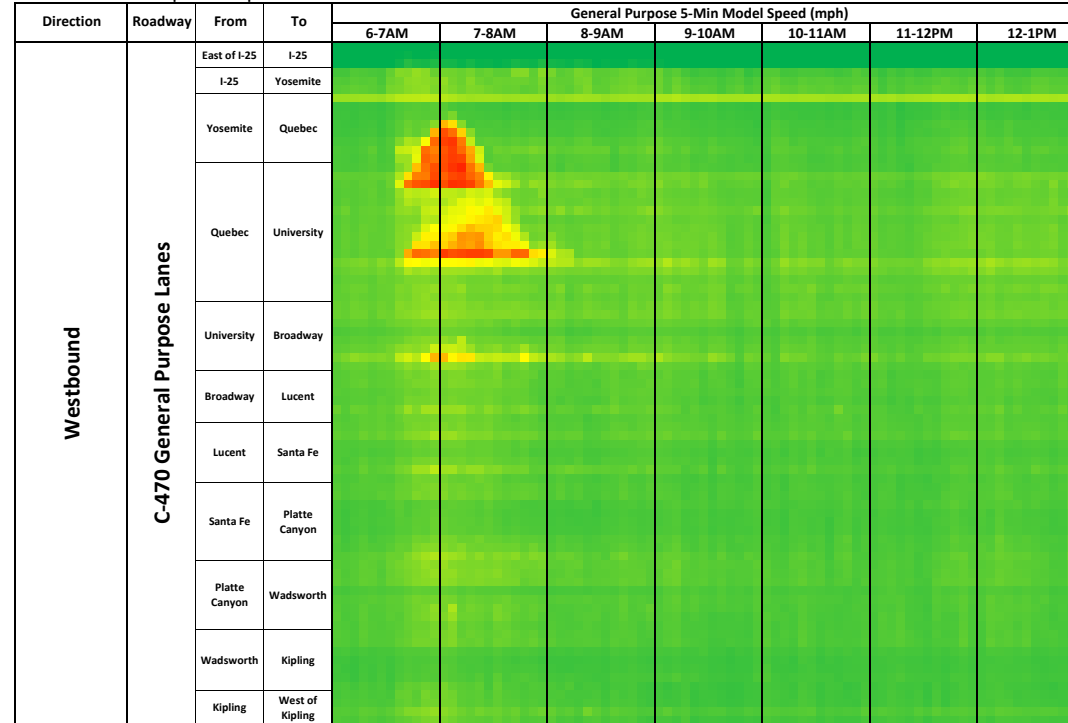


Table 5c  
Eastbound Managed Lane Speed

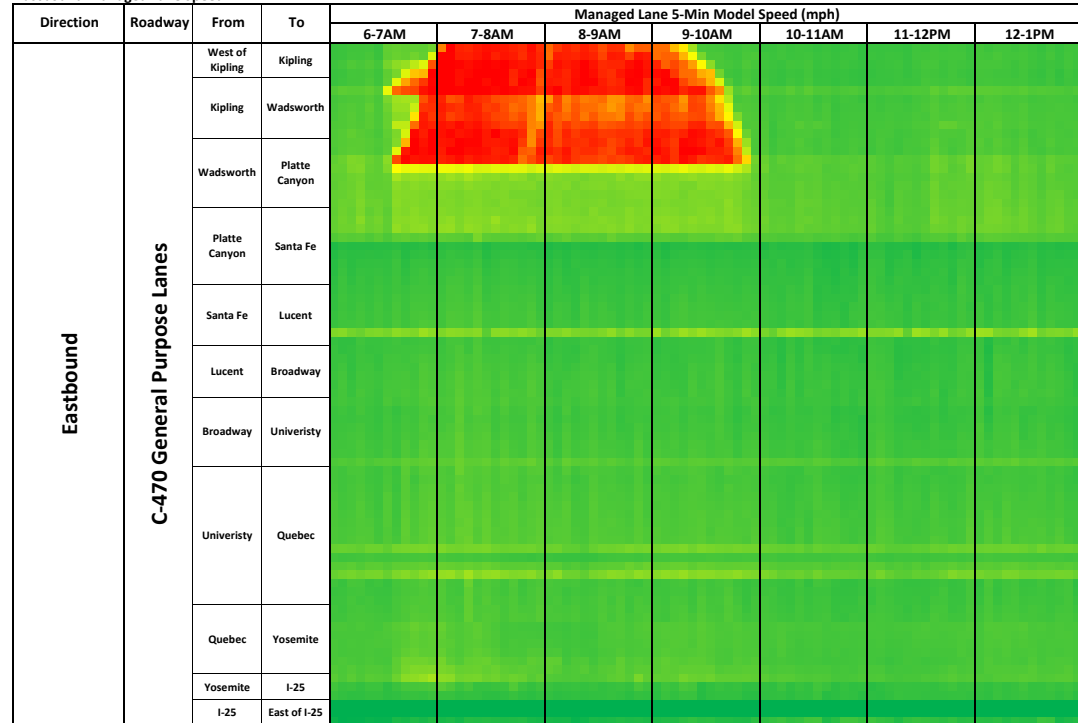


Table 5d  
Eastbound General Purpose Lane Speed

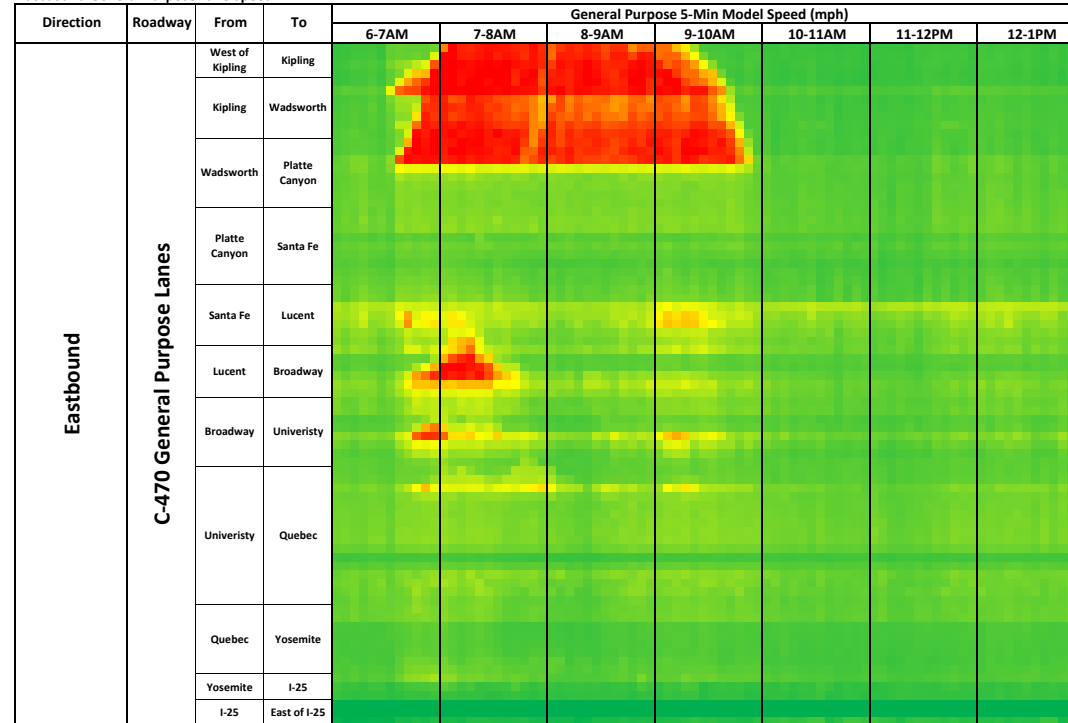


Table 5e  
NB I-25 Speed

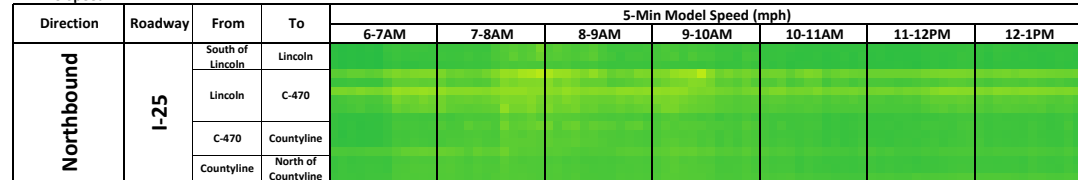


Table 5f  
SB I-25 Speed

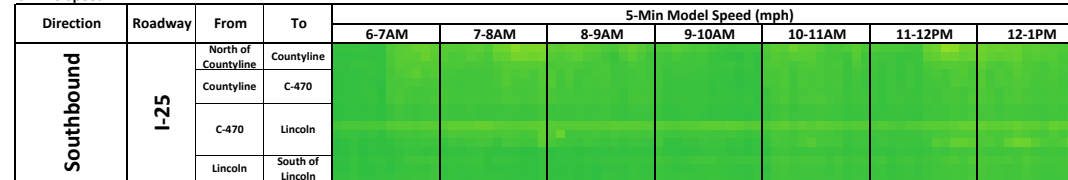


Table 6a  
Westbound Managed Lane Volume

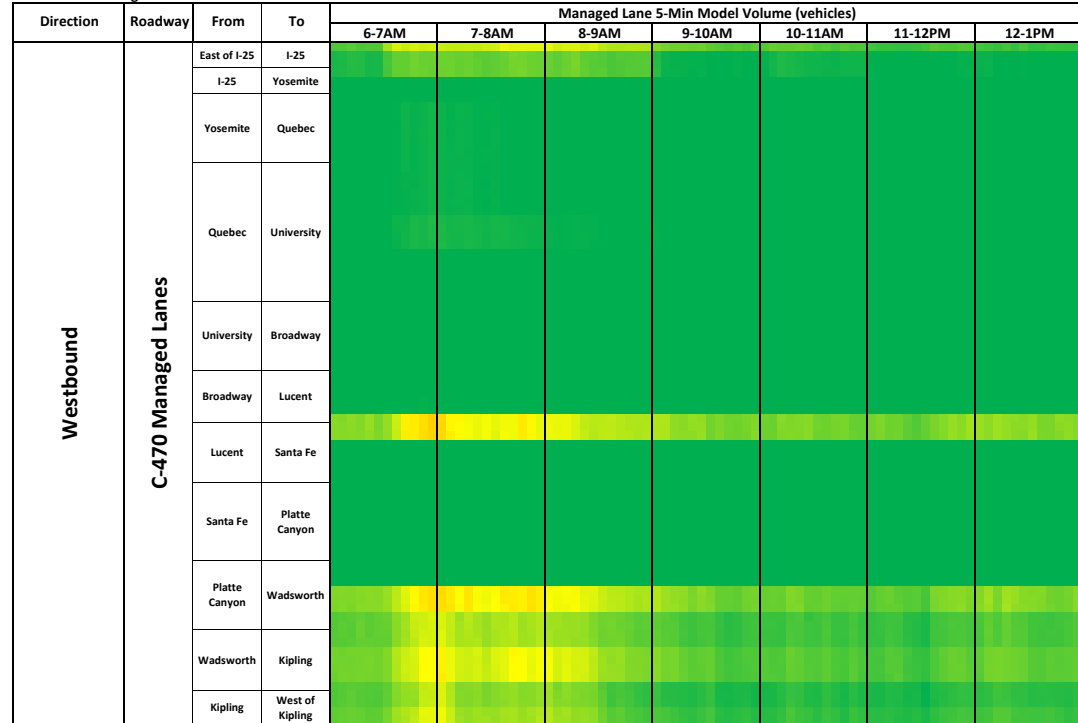


Table 6b  
Westbound General Purpose Lane Volume

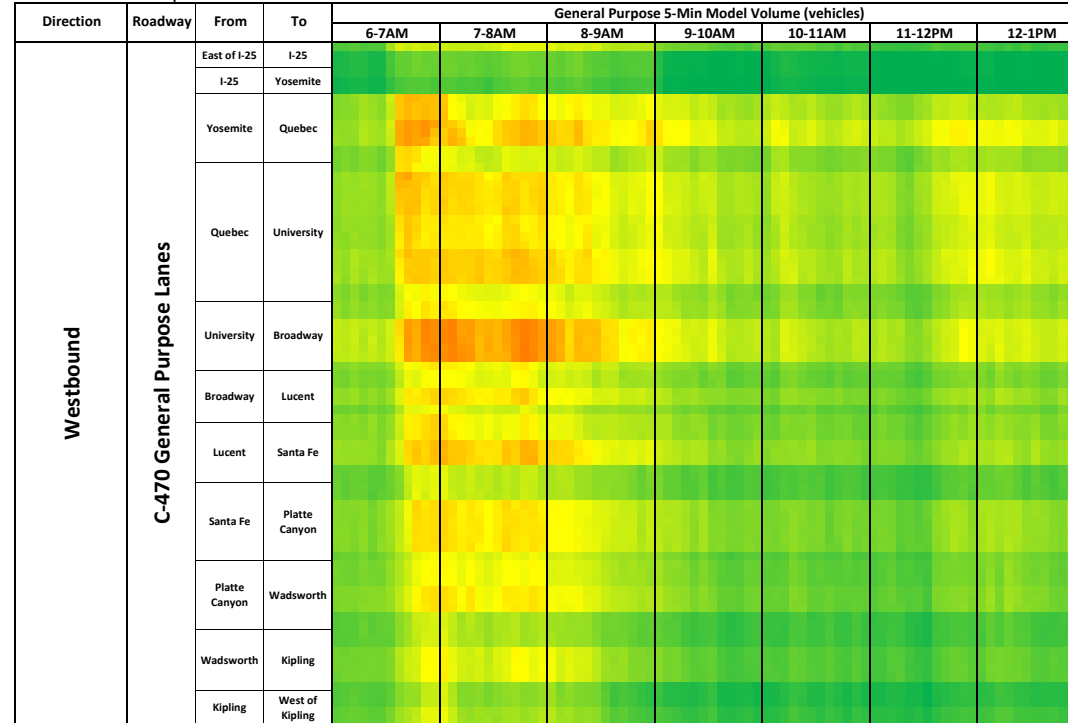


Table 6c  
Eastbound Managed Lane Volume

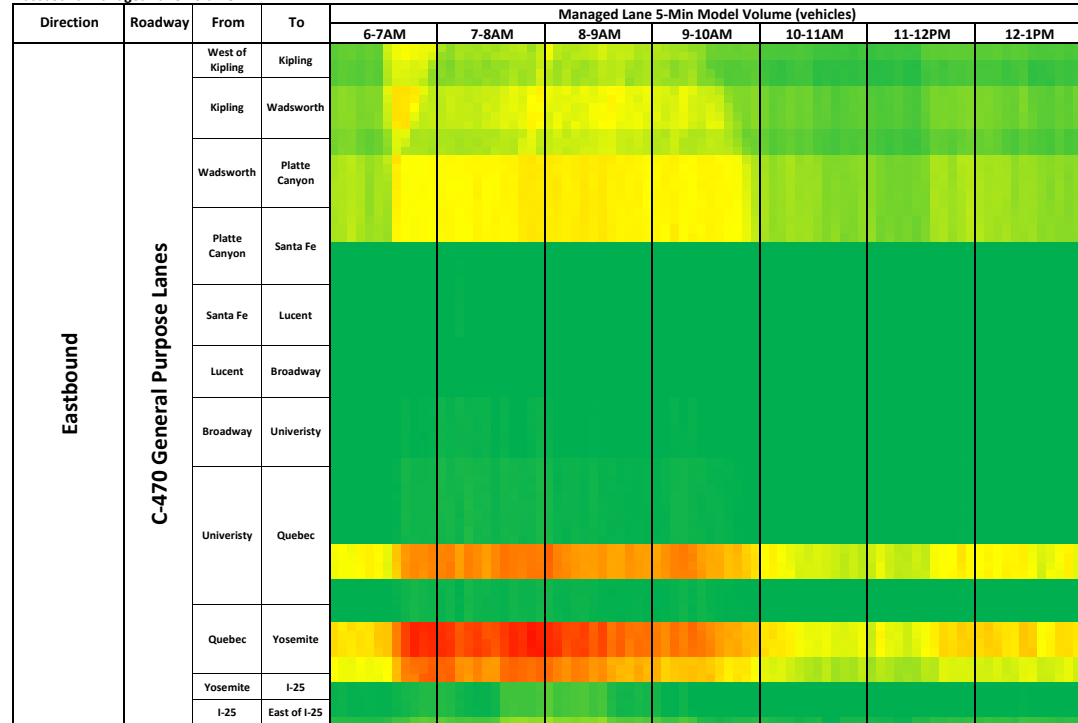


Table 6d  
Eastbound General Purpose Lane Volume

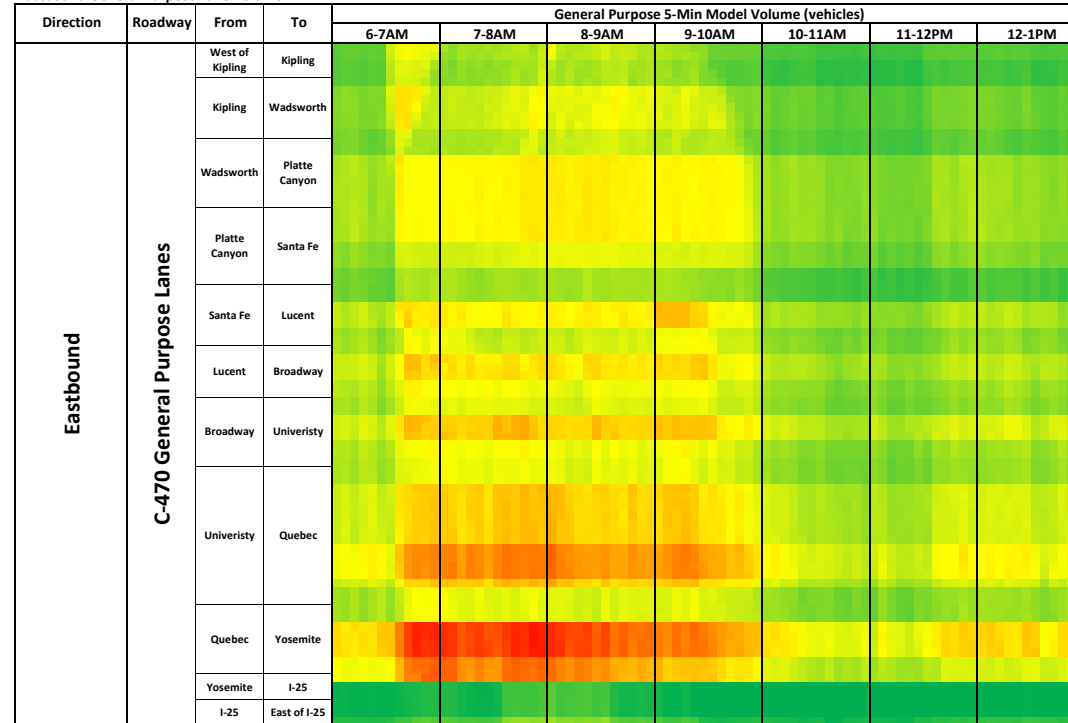


Table 6e  
NB I-25 Volume

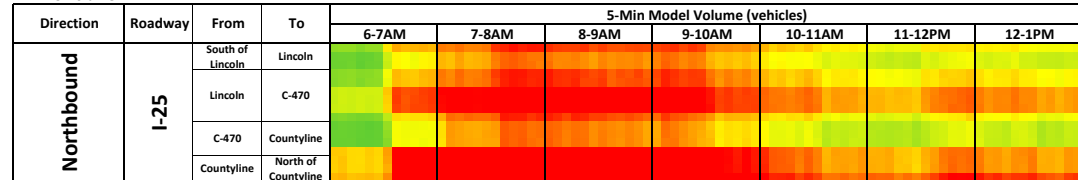
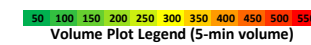
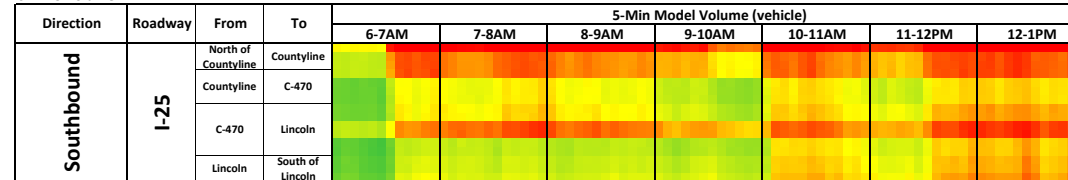


Table 6f  
SB I-25 Volume



## **Appendix E-2**

### **Option C Interim Fixed Pricing II 2018 PM**



**Table 1**  
**Network Summary**

Run#	Total VMT (veh-mi)	Total VHT (veh-hr)	Avg Spd (mph)	Avg Delay (s)	Latent Demand	Total Revenue (2013\$)
run1	1,531,234	37,959	40.34	96	3,483	\$31,495
run2	1,530,841	38,122	40.16	98	3,212	\$30,467
run3	1,536,365	37,828	40.62	94	2,971	\$31,139
run4	1,529,435	37,309	40.99	90	3,801	\$30,622
run5	1,529,408	37,817	40.44	95	4,384	\$31,260
run6						
run7						
run8						
run9						
run10						
Average	1,531,457	37,807	40.51	95	3,570	\$30,997

Revenue and Transaction by User Class

	Transponder	License Plate	Total
Revenue	\$14,233.15	\$16,763.45	\$30,996.60
Transaction	7,042	6,173	13,215
Avg Toll	\$2.02	\$2.72	\$2.35

Minimum Number of Runs Needed:

	Mean	Speed (mph)	Revenue (\$)
		40.51	30,997
Standard Deviation		0.32	436
Target Error %	1.0%	3	8
	2.5%	1	2
	3.5%	1	1
	5.0%	1	1
	10.0%	1	1

Table 2a  
Westbound Travel Time

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
WB C-470 - Managed Lane	I-25	Yosemite	0.622	0.6	0.6	0.6	0.6	0.6	17.2	2.7	1.2	2.1	1.3	2.0	1.5	0.6	0.6
	Yosemite	Quebec	1.401	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.4	1.4	1.4	1.5	1.5
	Quebec	Colorado	2.063	2.2	2.3	2.2	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.1	2.2	2.3	2.3
	Colorado	University	1.030	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.2	1.1
	University	Broadway	1.489	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.7	1.6
	Broadway	Lucent	1.181	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3
	Lucent	Santa Fe	1.403	1.5	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.5
	Santa Fe	Platte Canyon	1.581	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7
	Platte Canyon	Wadsworth	1.529	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.8	1.7	1.7	1.7	1.6	1.6	1.6
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4
	Total		13.754	14.4	14.4	14.7	14.6	14.8	31.5	17.4	15.8	16.4	15.3	15.8	15.2	14.8	14.4
WB C-470 - General Purpose Lanes	I-25	Yosemite	0.622	0.6	0.6	0.6	1.8	15.9	36.0	27.5	7.5	12.3	6.4	5.3	5.5	2.0	0.6
	Yosemite	Quebec	1.401	1.4	1.4	2.2	6.7	8.7	10.2	10.1	9.4	9.5	4.8	4.9	8.5	4.4	1.3
	Quebec	Colorado	2.063	2.2	2.4	3.1	4.3	6.5	7.6	7.9	8.4	7.8	6.2	5.0	6.9	6.6	2.5
	Colorado	University	1.030	1.1	1.2	1.2	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.2
	University	Broadway	1.489	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.5
	Broadway	Lucent	1.181	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2
	Lucent	Santa Fe	1.403	1.4	1.4	1.4	1.5	1.5	1.6	1.6	1.8	2.7	1.9	1.5	1.4	1.5	1.4
	Santa Fe	Platte Canyon	1.581	1.6	1.6	1.7	1.7	1.7	1.9	2.1	3.9	4.5	4.0	2.5	1.6	1.6	1.5
	Platte Canyon	Wadsworth	1.529	1.5	1.5	1.6	1.6	1.6	1.7	1.8	1.8	1.9	1.8	1.6	1.5	1.5	1.5
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4
	Total		13.540	14.1	14.3	15.9	23.2	41.7	64.8	56.8	38.7	44.4	30.7	26.4	31.0	23.0	14.0
WB C-470 - Travel Time Saving	I-25	Yosemite	0.622	0.0	0.0	0.1	1.3	15.3	18.8	24.8	6.3	10.2	5.1	3.3	4.0	1.3	0.0
	Yosemite	Quebec	1.401	-0.1	-0.1	0.7	5.2	7.2	8.7	8.5	7.9	8.0	3.3	3.5	7.1	2.8	-0.2
	Quebec	Colorado	2.063	0.0	0.1	0.8	2.1	4.2	5.2	5.6	6.1	5.6	4.0	2.9	4.7	4.3	0.2
	Colorado	University	1.030	0.0	0.1	0.1	0.2	0.3	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.1
	University	Broadway	1.489	-0.1	-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1
	Broadway	Lucent	1.181	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
	Lucent	Platte Canyon	1.403	0.0	0.0	-0.1	0.0	0.1	0.1	0.1	0.2	1.2	0.4	0.0	0.0	0.0	-0.1
	Platte Canyon	Santa Fe	1.581	-0.1	-0.1	-0.1	0.0	0.0	0.3	0.3	2.1	2.7	2.3	0.7	-0.1	-0.1	-0.1
	Santa Fe	Wadsworth	1.529	-0.1	-0.1	-0.1	-0.1	0.0	0.1	0.0	0.1	0.1	0.1	0.0	-0.1	-0.1	-0.1
	Wadsworth	Kipling	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total		13.540	-0.4	-0.1	1.3	8.6	26.9	33.3	39.4	22.9	27.9	15.3	10.6	15.7	8.3	-0.5

**Table 2b**  
**Eastbound Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)														
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00	
<b>EB C-470 - Managed Lane</b>	Kipling	Wadsworth	1.454	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.4	1.4
	Wadsworth	Platte Canyon	1.530	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.4
	Platte Canyon	Santa Fe	1.569	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4
	Santa Fe	Lucent	1.403	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Lucent	Broadway	1.204	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	Broadway	University	1.473	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	University	Colorado	1.026	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Colorado	Quebec	2.068	1.9	2.0	1.9	2.0	2.0	2.0	2.0	2.0	1.9	1.9	2.0	2.0	1.9	1.9	1.9
	Quebec	Yosemite	1.388	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>13.0</b>	<b>13.1</b>	<b>13.0</b>	<b>13.1</b>	<b>13.2</b>	<b>13.3</b>	<b>13.1</b>	<b>13.0</b>	<b>13.2</b>	<b>13.2</b>	<b>13.3</b>	<b>13.2</b>	<b>12.9</b>	<b>12.7</b>	
<b>EB C-470 - General Purpose Lanes</b>	Kipling	Wadsworth	1.454	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.4	1.4	
	Wadsworth	Platte Canyon	1.530	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.6	1.6	1.6	1.5	1.5	1.4
	Platte Canyon	Santa Fe	1.569	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5
	Santa Fe	Lucent	1.403	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.4	1.4	1.4	1.5	1.5	1.4	1.3	1.3
	Lucent	Broadway	1.204	1.2	1.2	1.2	1.2	1.3	1.3	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.1
	Broadway	University	1.473	1.5	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.5	1.5	1.6	1.6	1.5	1.4	1.4
	University	Colorado	1.026	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.0	1.0	1.0	1.1	1.1	1.0	1.0	1.0
	Colorado	Quebec	2.068	2.1	2.1	2.1	2.1	2.2	2.2	2.1	2.1	2.1	2.0	2.1	2.1	2.1	2.1	2.0
	Quebec	Yosemite	1.388	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.4	1.4	1.4	1.4	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>13.6</b>	<b>13.7</b>	<b>13.6</b>	<b>13.8</b>	<b>14.1</b>	<b>14.3</b>	<b>13.9</b>	<b>13.6</b>	<b>13.7</b>	<b>13.7</b>	<b>14.3</b>	<b>14.0</b>	<b>13.5</b>	<b>13.0</b>	
<b>EB C-470 - Travel Time Saving</b>	Kipling	Wadsworth	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Wadsworth	Platte Canyon	1.530	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Platte Canyon	Santa Fe	1.569	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
	Santa Fe	Lucent	1.403	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.0	0.0
	Lucent	Broadway	1.204	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
	Broadway	University	1.473	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.0	0.0
	University	Colorado	1.026	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.0
	Colorado	Quebec	2.068	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.1
	Quebec	Yosemite	1.388	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.0
	Yosemite	I-25	0.635	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>Total</b>		<b>13.749</b>	<b>0.6</b>	<b>0.6</b>	<b>0.6</b>	<b>0.7</b>	<b>0.9</b>	<b>1.0</b>	<b>0.8</b>	<b>0.6</b>	<b>0.5</b>	<b>0.5</b>	<b>1.0</b>	<b>0.8</b>	<b>0.5</b>	<b>0.3</b>	

**Table 2c**  
**I-25 Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)														
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00	
<b>NB I-25</b>	Lincoln	C-470	1.323	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2
	C-470	Countyline	0.761	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
	Total		2.084	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9
<b>SB I-25</b>	Countyline	C-470	0.761	0.7	0.8	0.7	0.8	0.8	0.9	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8	0.7
	C-470	Lincoln	1.323	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.4	1.4	1.3	1.3	1.3	1.3
	Total		2.084	2.0	2.0	2.0	2.1	2.2	2.2	2.1	2.1	2.1	2.1	2.2	2.3	2.1	2.1	2.0

**Table 2d**  
**NB/SB I-25 Ramp to C-470 WB Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>NB I-25 - General Purpose</b>	Lincoln	Yosemite	1.963	2.3	2.3	2.3	2.7	3.8	5.1	5.6	3.0	3.7	2.9	2.9	2.8	2.3	2.2
	Yosemite	Quebec	1.402	1.4	1.4	2.2	6.7	8.7	10.2	10.1	9.4	9.5	4.8	4.9	8.5	4.4	1.3
	Total		3.365	3.7	3.7	4.5	9.5	12.5	15.3	15.7	12.4	13.2	7.6	7.8	11.3	6.6	3.5
<b>NB I-25 - Managed Lane</b>	Lincoln	Yosemite	1.967	2.2	2.3	2.3	2.3	2.4	2.5	3.1	2.3	2.6	2.5	2.4	2.2	2.2	2.1
	Yosemite	Quebec	1.398	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	Total		3.364	3.8	3.8	3.9	3.8	4.0	4.1	4.6	3.9	4.1	4.0	4.0	3.8	3.8	3.7
<b>SB I-25 - General Purpose</b>	Countyline	Yosemite	1.142	1.2	1.2	1.3	1.9	3.3	5.3	4.6	2.2	3.1	1.8	1.8	2.0	1.3	1.2
	Yosemite	Quebec	1.402	1.4	1.4	2.2	6.7	8.7	10.2	10.1	9.4	9.5	4.8	4.9	8.5	4.4	1.3
	Total		2.544	2.7	2.7	3.5	8.7	12.0	15.5	14.6	11.6	12.6	6.6	6.8	10.5	5.7	2.6
<b>SB I-25 - Managed Lane</b>	Countyline	Yosemite	1.187	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Yosemite	Quebec	1.398	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.4	1.4	1.5	1.5	1.5
	Total		2.585	2.8	2.8	2.8	2.8	2.8	2.9	2.9	2.8	2.8	2.7	2.8	2.7	2.8	2.8

Table 3

Table with multiple sections: Revenue and Transaction, Transponder Users (Westbound/Eastbound), License Plate User (Westbound/Eastbound), and Total. Each section contains detailed data for various routes and time intervals, including revenue, transactions, and average toll prices.



Table 5a  
Westbound Managed Lane Speed

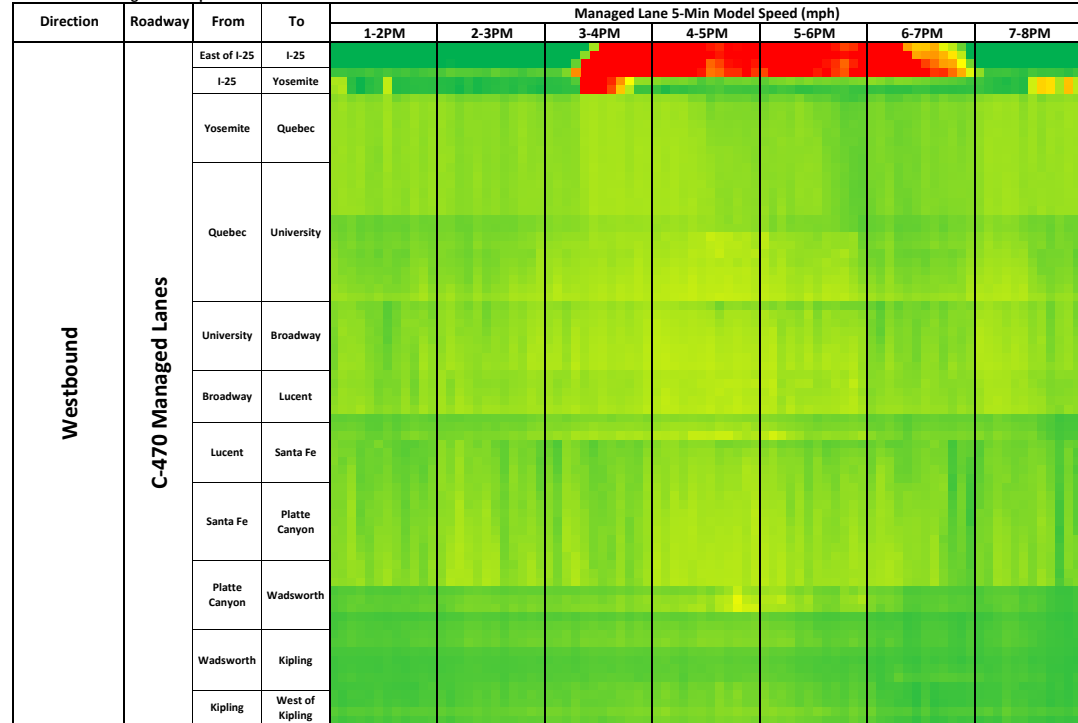


Table 5b  
Westbound General Purpose Lane Speed

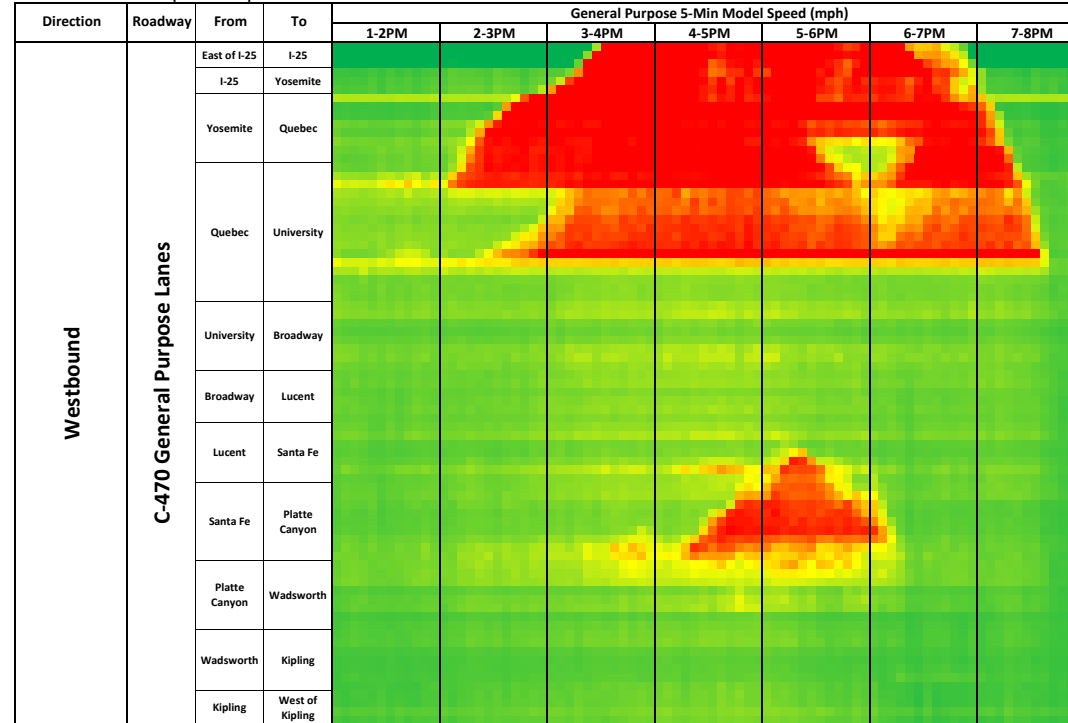


Table 5c  
Eastbound Managed Lane Speed

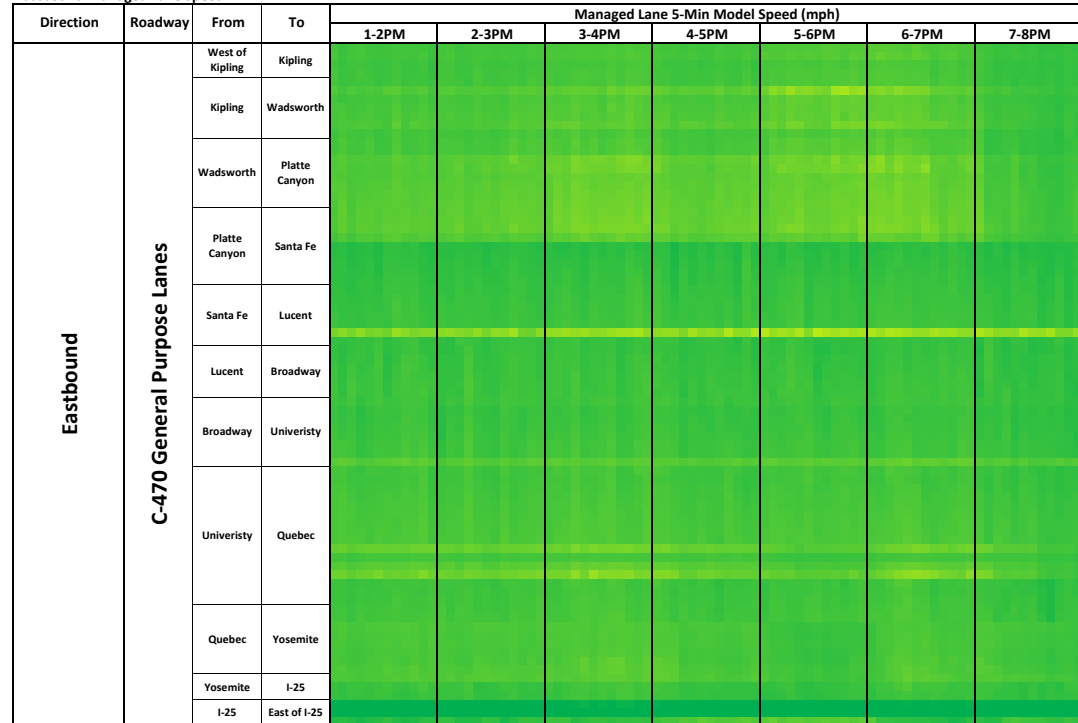


Table 5d  
Eastbound General Purpose Lane Speed

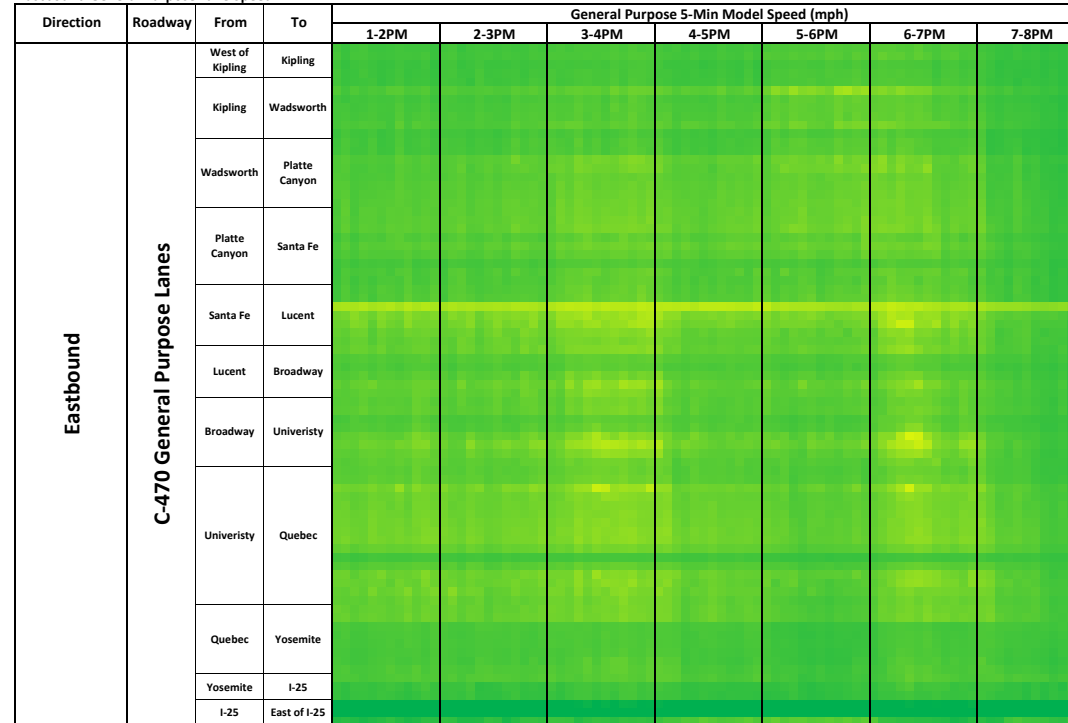


Table 5e  
NB I-25 Speed

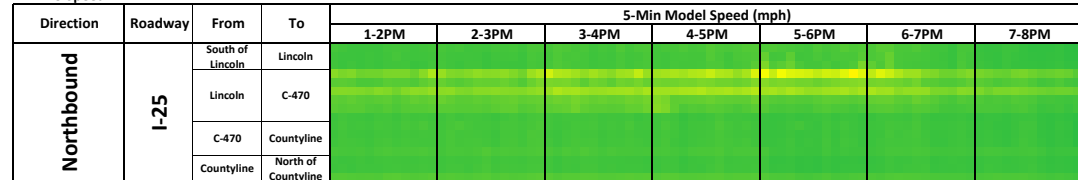


Table 5f  
SB I-25 Speed

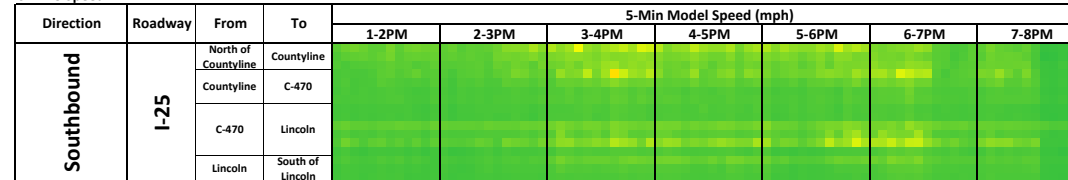


Table 6a  
Westbound Managed Lane Volume

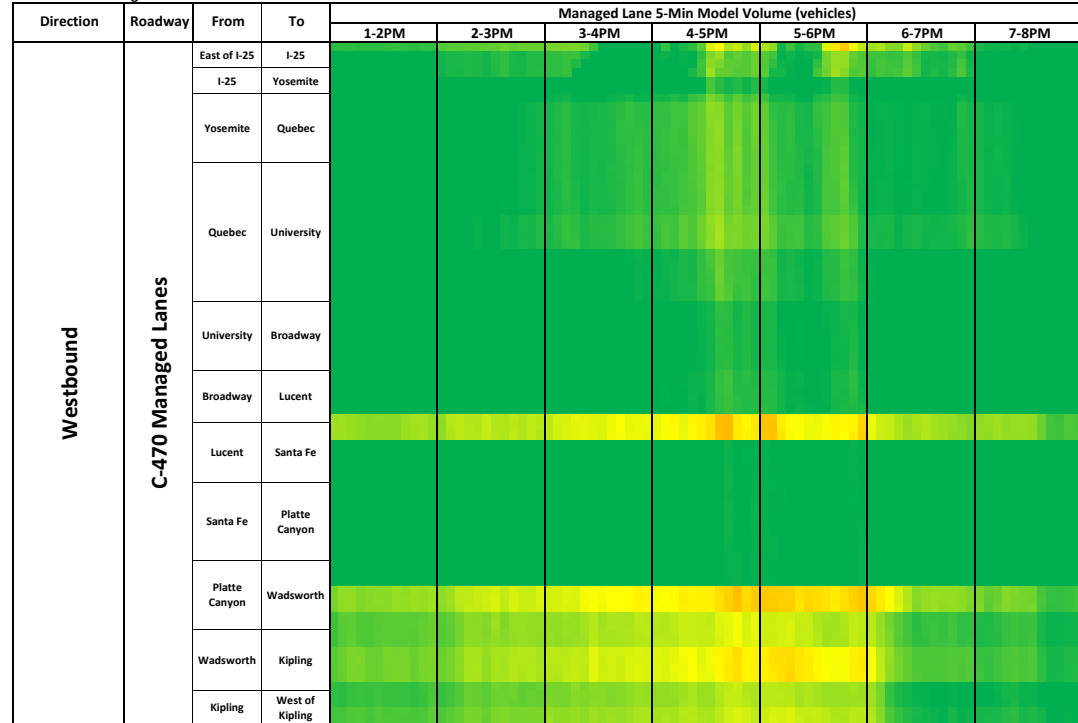


Table 6b  
Westbound General Purpose Lane Volume

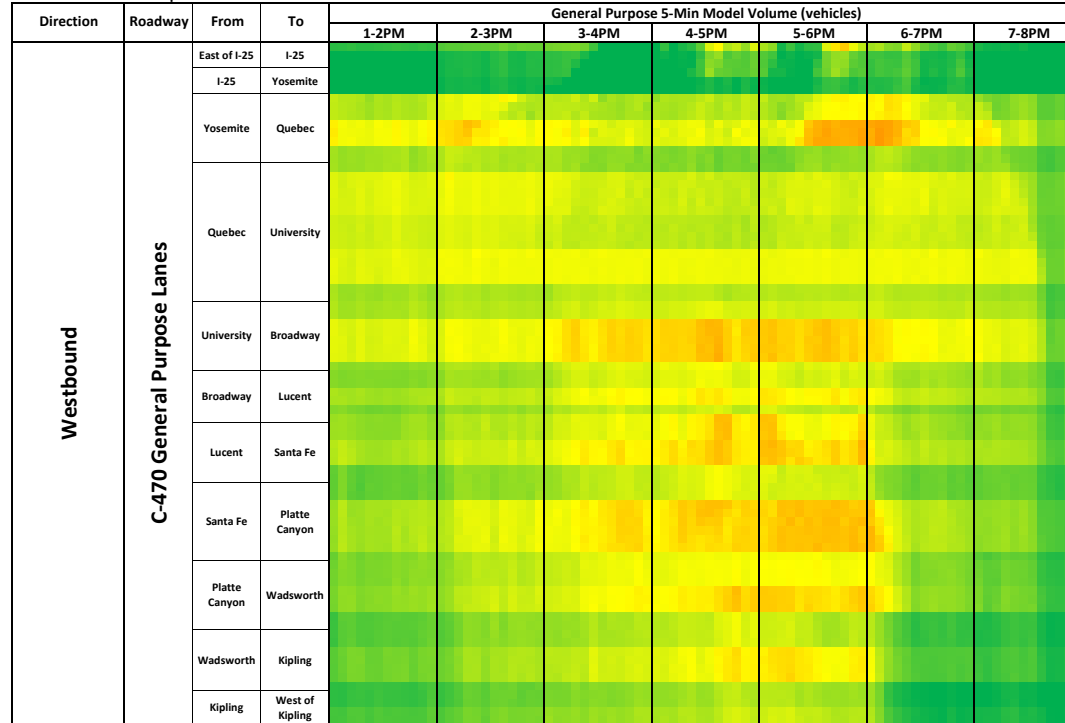


Table 6c  
Eastbound Managed Lane Volume

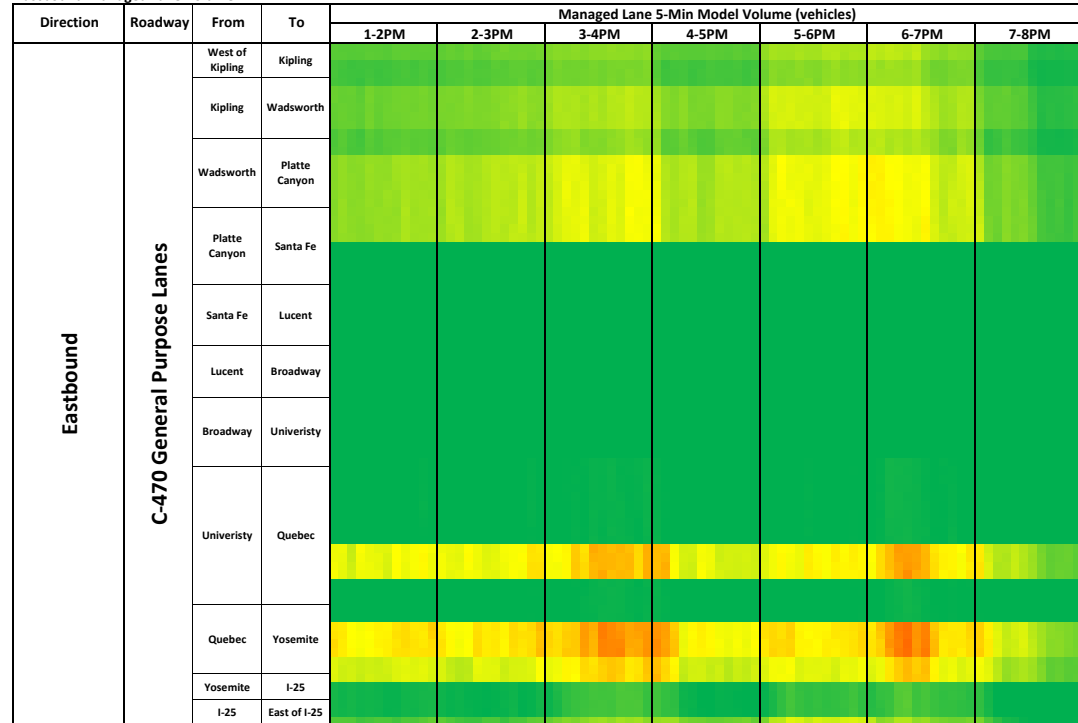


Table 6d  
Eastbound General Purpose Lane Volume

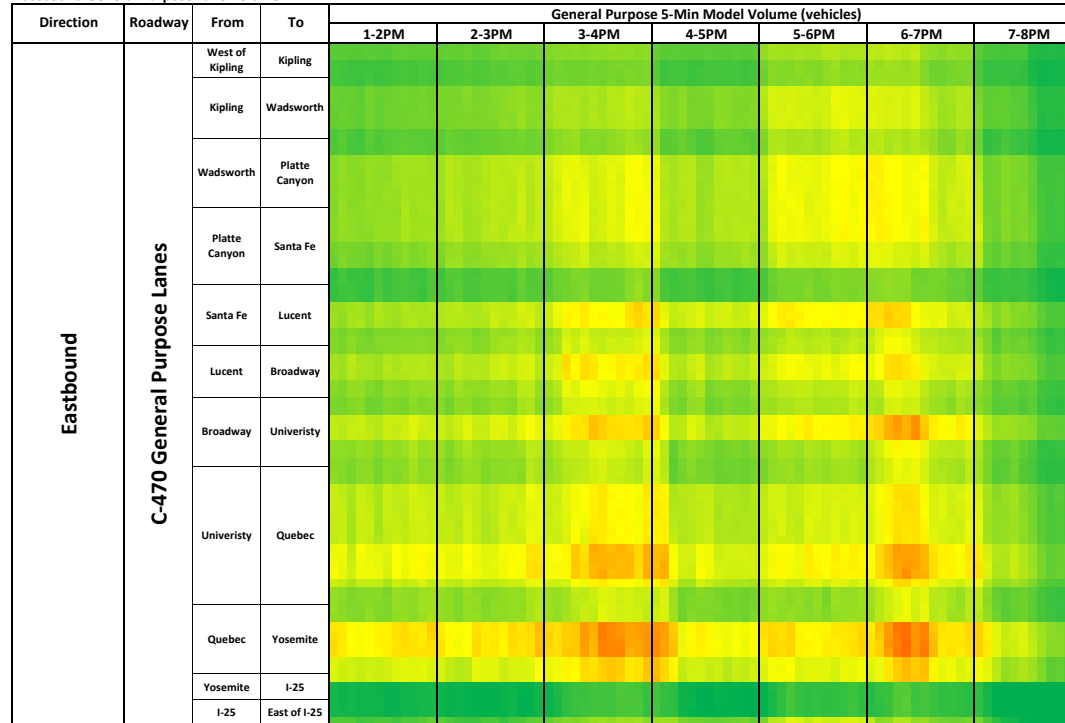


Table 6e  
NB I-25 Volume

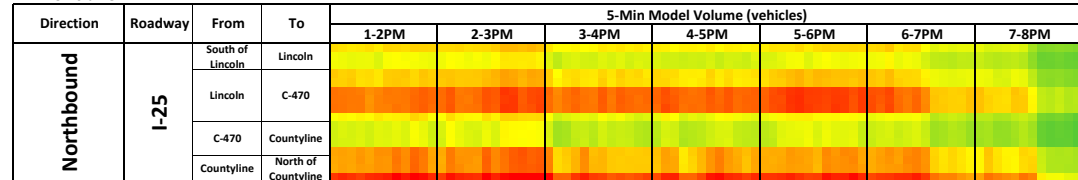
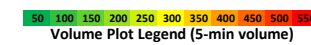
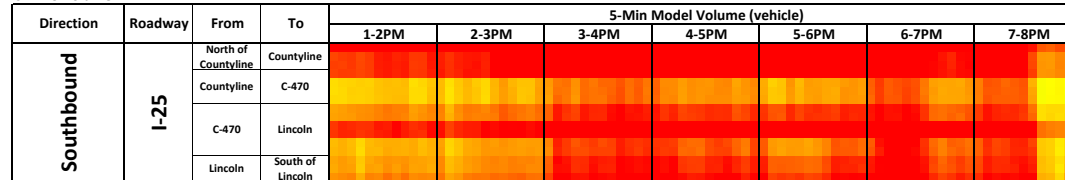


Table 6f  
SB I-25 Volume





## **Appendix E-3**

### **Option C Interim Fixed Pricing II 2025 AM**

**Table 1**  
**Network Summary**

Run#	Total VMT (veh-mi)	Total VHT (veh-hr)	Avg Spd (mph)	Avg Delay (s)	Latent Demand	Total Revenue (2013\$)
run1	1,595,381	45,917	34.75	169	9,367	\$26,787
run2	1,599,918	46,474	34.43	173	8,388	\$26,939
run3	1,568,460	59,567	26.33	313	15,444	\$31,260
run4	1,600,826	44,641	35.86	155	8,209	\$25,314
run5	1,585,258	51,950	30.52	232	12,908	\$28,797
run6						
run7						
run8						
run9						
run10						
Average	1,589,969	49,710	32.38	208	10,863	\$27,819

Revenue and Transaction by User Class

	Transponder	License Plate	Total
Revenue	\$15,585.05	\$12,234.35	\$27,819.40
Transaction	10,187	5,366	15,553
Avg Toll	\$1.53	\$2.28	\$1.79

Minimum Number of Runs Needed:

	Mean	Speed (mph)	Revenue (\$)
		32.38	27,819
Standard Deviation		3.94	2286
Target Error %	1.0%	568	260
	2.5%	91	42
	3.5%	47	22
	5.0%	23	11
	10.0%	6	3

**Table 2a**  
**Westbound Travel Time**

Direction	From	To	Distance (mi)	Model Travel Time (mins)													
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00
<b>WB C-470 - Managed Lane</b>	I-25	Yosemite	0.622	0.6	0.7	0.9	0.7	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	Yosemite	Quebec	1.401	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.5	1.4
	Quebec	Colorado	2.063	2.2	2.2	2.2	2.2	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	Colorado	University	1.030	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	University	Broadway	1.489	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	Broadway	Lucent	1.181	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Lucent	Santa Fe	1.403	1.4	1.4	1.5	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4
	Santa Fe	Platte Canyon	1.581	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
	Platte Canyon	Wadsworth	1.529	1.6	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.6	1.6
	Wadsworth	Kipling	1.454	1.4	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	<b>Total</b>		<b>13.754</b>	<b>14.0</b>	<b>14.5</b>	<b>14.9</b>	<b>14.5</b>	<b>14.3</b>	<b>14.2</b>	<b>14.4</b>	<b>14.5</b>	<b>14.3</b>	<b>14.5</b>	<b>14.3</b>	<b>14.3</b>	<b>14.3</b>	
<b>WB C-470 - General Purpose Lanes</b>	I-25	Yosemite	0.622	0.6	0.8	1.7	0.7	0.7	0.7	0.8	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	Yosemite	Quebec	1.401	1.4	2.4	6.1	4.1	3.1	2.8	2.7	1.5	1.4	1.4	1.4	1.4	1.4	1.4
	Quebec	Colorado	2.063	2.1	3.1	5.1	6.6	6.3	4.3	2.3	2.2	2.1	2.1	2.0	2.1	2.1	2.1
	Colorado	University	1.030	1.1	1.3	1.4	1.3	1.3	1.3	1.2	1.1	1.1	1.1	1.0	1.1	1.1	1.1
	University	Broadway	1.489	1.5	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Broadway	Lucent	1.181	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	Lucent	Santa Fe	1.403	1.4	1.5	1.5	1.5	1.4	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	Santa Fe	Platte Canyon	1.581	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.6	1.6
	Platte Canyon	Wadsworth	1.529	1.5	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Wadsworth	Kipling	1.454	1.4	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	<b>Total</b>		<b>13.540</b>	<b>13.7</b>	<b>16.8</b>	<b>23.4</b>	<b>21.8</b>	<b>20.2</b>	<b>17.9</b>	<b>15.6</b>	<b>13.9</b>	<b>13.6</b>	<b>13.6</b>	<b>13.5</b>	<b>13.8</b>	<b>13.9</b>	
<b>WB C-470 - Travel Time Saving</b>	I-25	Yosemite	0.622	0.0	0.1	0.7	0.0	0.1	0.0	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	Yosemite	Quebec	1.401	-0.1	1.0	4.7	2.7	1.7	1.4	1.3	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
	Quebec	Colorado	2.063	-0.1	0.9	2.9	4.5	4.2	2.2	0.1	0.0	-0.1	-0.1	-0.2	-0.1	-0.1	-0.1
	Colorado	University	1.030	0.0	0.2	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	University	Broadway	1.489	0.0	0.1	0.1	0.0	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.0
	Broadway	Lucent	1.181	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
	Lucent	Platte Canyon	1.403	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.0	0.0
	Platte Canyon	Santa Fe	1.581	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.2	-0.2	-0.2	-0.2	-0.2	-0.1	-0.1
	Santa Fe	Wadsworth	1.529	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.2	-0.1	-0.1	-0.1	-0.1
	Wadsworth	Kipling	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>Total</b>		<b>13.540</b>	<b>-0.3</b>	<b>2.3</b>	<b>8.5</b>	<b>7.3</b>	<b>5.9</b>	<b>3.7</b>	<b>1.2</b>	<b>-0.6</b>	<b>-0.7</b>	<b>-0.9</b>	<b>-0.8</b>	<b>-0.5</b>	<b>-0.4</b>	

**Table 2b**  
**Eastbound Travel Time**

Direction	From	To	Distance (mi)	Model Travel Time (mins)														
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00	
EB C-470 - Managed Lane	Kipling	Wadsworth	1.454	1.4	3.8	6.9	7.0	6.5	6.1	6.7	6.2	3.6	5.1	3.7	4.1	2.6	1.9	
	Wadsworth	Platte Canyon	1.530	1.5	2.8	3.4	3.3	3.2	3.1	3.3	3.2	4.8	4.9	3.8	3.2	2.0	1.9	
	Platte Canyon	Santa Fe	1.569	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.7	3.1	3.1	4.6	1.8	1.6	1.5	
	Santa Fe	Lucent	1.403	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	3.0	2.8	3.1	1.3	1.3	1.3	
	Lucent	Broadway	1.204	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.4	1.3	1.2	1.1	1.1	1.1	
	Broadway	University	1.473	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.7	3.5	2.8	1.6	1.4	1.4	1.4
	University	Colorado	1.026	1.0	1.0	1.0	1.0	1.0	1.0	1.4	1.9	2.5	1.8	1.1	1.0	1.0	1.0	
	Colorado	Quebec	2.068	2.0	2.0	2.0	2.0	2.0	2.8	19.0	14.3	5.3	3.2	2.0	2.0	2.0	2.0	
	Quebec	Yosemite	1.388	1.3	1.4	1.4	1.4	1.4	5.8	20.8	11.3	4.0	2.7	1.3	1.3	1.3	1.3	
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	3.8	2.4	1.2	0.8	0.8	0.6	0.6	0.6	0.6
	Total		13.749	13.2	17.0	20.8	20.7	20.0	28.0	59.0	44.1	32.0	28.5	22.9	17.9	15.0	14.1	
EB C-470 - General Purpose Lanes	Kipling	Wadsworth	1.454	1.4	3.8	6.9	7.0	6.5	6.1	6.7	6.2	3.6	5.1	3.7	4.1	2.6	1.9	
	Wadsworth	Platte Canyon	1.530	1.5	2.8	3.4	3.3	3.2	3.1	3.3	3.2	4.8	4.9	3.8	3.2	2.0	1.9	
	Platte Canyon	Santa Fe	1.569	1.6	1.6	1.6	1.6	1.6	1.6	1.6	2.2	10.8	16.5	9.5	1.8	1.6	1.6	
	Santa Fe	Lucent	1.403	1.5	1.7	2.5	1.5	1.5	1.5	1.7	16.1	25.3	25.4	14.0	1.7	1.5	1.5	
	Lucent	Broadway	1.204	1.3	2.1	4.0	2.3	1.3	1.4	1.8	19.8	20.8	8.9	3.8	1.3	1.3	1.3	
	Broadway	University	1.473	1.5	2.0	2.3	2.4	2.3	2.3	6.3	23.9	21.4	12.6	2.9	1.6	1.5	1.5	
	University	Colorado	1.026	1.0	1.2	1.4	1.3	1.6	1.8	14.0	17.8	9.7	1.3	1.1	1.1	1.1	1.0	
	Colorado	Quebec	2.068	2.1	2.2	2.2	2.1	2.1	3.7	26.6	26.2	10.4	2.8	2.1	2.1	2.1	2.1	
	Quebec	Yosemite	1.388	1.4	1.4	1.4	1.4	1.4	6.9	25.4	21.5	5.5	3.3	1.4	1.4	1.4	1.4	
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	3.8	2.4	1.2	0.8	0.8	0.6	0.6	0.6	0.6
	Total		13.749	14.0	19.3	26.4	23.7	22.1	32.1	89.8	138.1	113.1	81.4	42.8	18.9	15.7	14.8	
EB C-470 - Travel Time Saving	Kipling	Wadsworth	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Wadsworth	Platte Canyon	1.530	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Platte Canyon	Santa Fe	1.569	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.5	7.7	13.3	4.9	0.0	0.1	0.1	
	Santa Fe	Lucent	1.403	0.2	0.3	1.2	0.2	0.2	0.2	0.4	14.7	22.3	22.6	10.9	0.3	0.2	0.2	
	Lucent	Broadway	1.204	0.1	0.9	2.9	1.1	0.2	0.2	0.6	18.6	19.3	7.5	2.7	0.2	0.1	0.1	
	Broadway	University	1.473	0.1	0.5	0.9	1.0	0.9	0.9	4.9	22.2	17.9	9.8	1.3	0.1	0.1	0.1	
	University	Colorado	1.026	0.1	0.2	0.4	0.3	0.6	0.8	12.6	15.8	7.2	-0.5	-0.1	0.1	0.1	0.1	
	Colorado	Quebec	2.068	0.1	0.2	0.2	0.2	0.1	0.9	7.6	12.0	5.1	-0.4	0.2	0.2	0.1	0.2	
	Quebec	Yosemite	1.388	0.1	0.1	0.1	0.1	0.0	1.1	4.6	10.2	1.5	0.5	0.1	0.1	0.1	0.1	
	Yosemite	I-25	0.635	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total		13.749	0.8	2.3	5.6	2.9	2.1	4.2	30.8	94.0	81.1	52.9	19.9	0.9	0.7	0.7	







Table 5a  
Westbound Managed Lane Speed

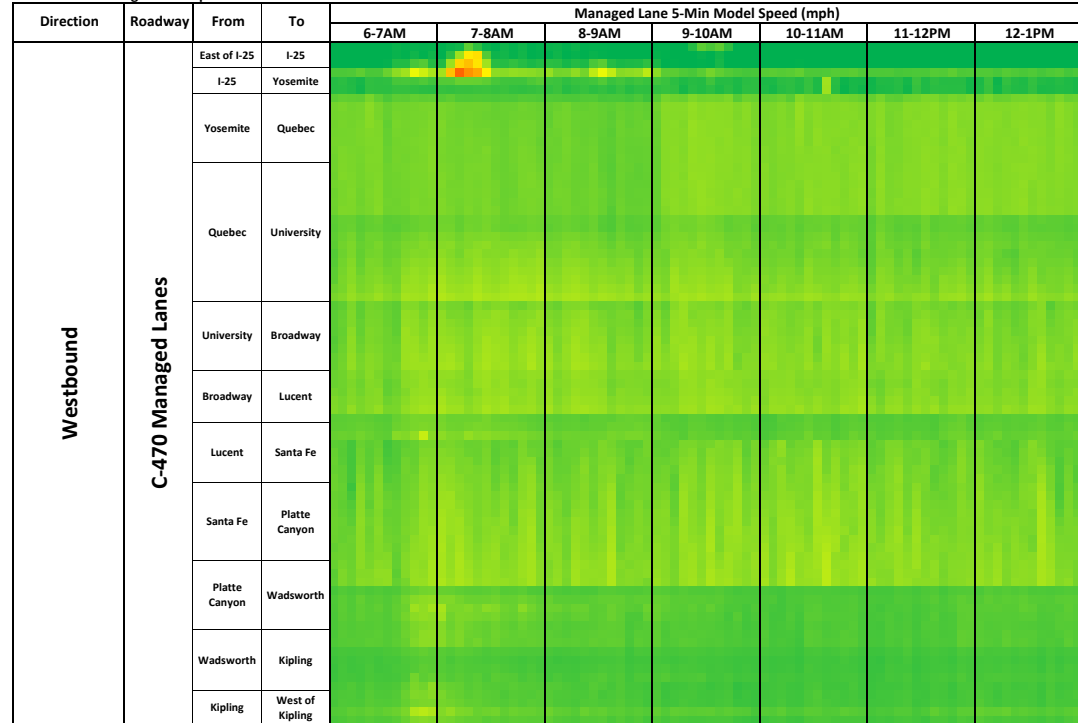


Table 5b  
Westbound General Purpose Lane Speed

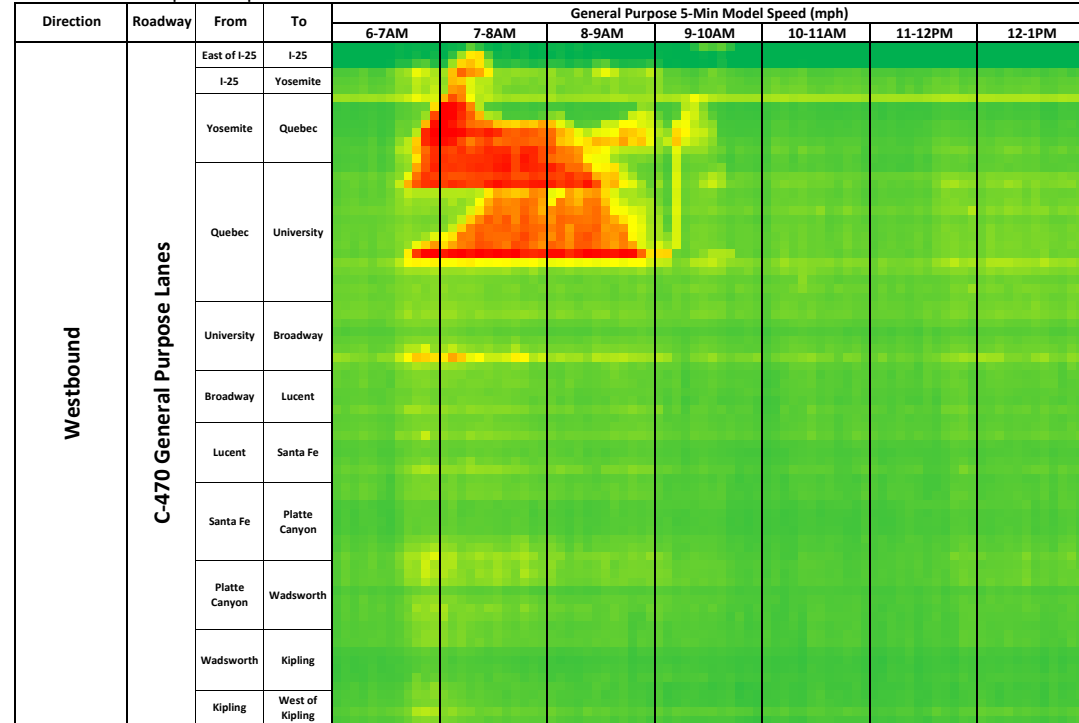


Table 5c  
Eastbound Managed Lane Speed

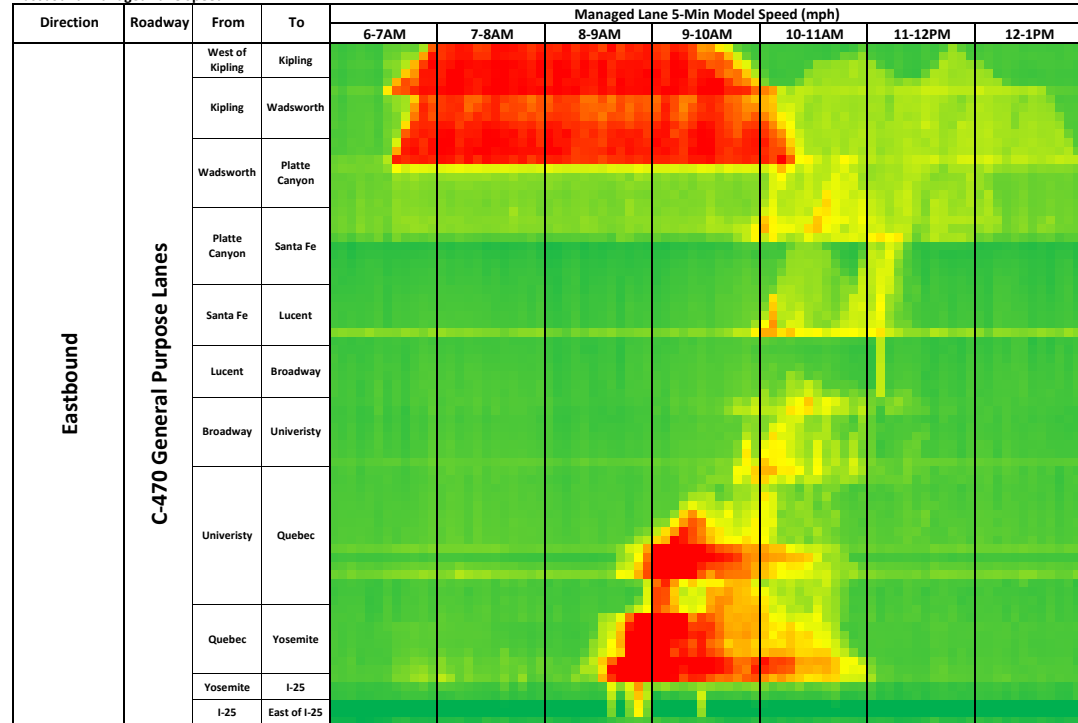


Table 5d  
Eastbound General Purpose Lane Speed

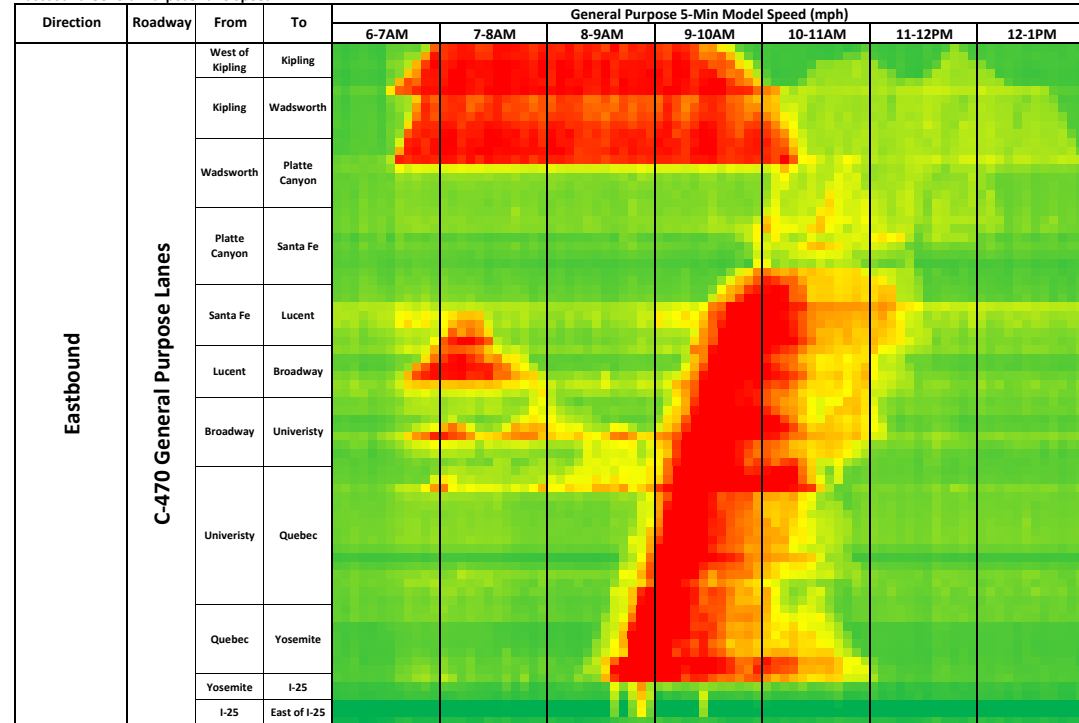


Table 5e  
NB I-25 Speed

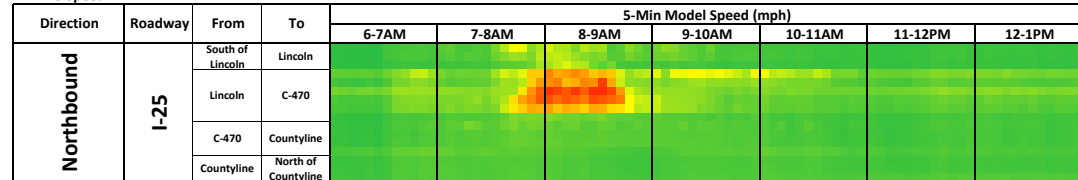


Table 5f  
SB I-25 Speed

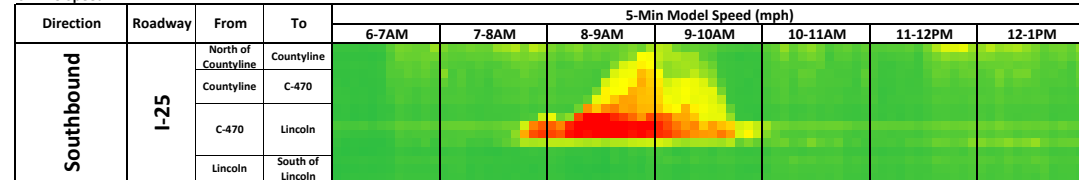




Table 6a  
Westbound Managed Lane Volume

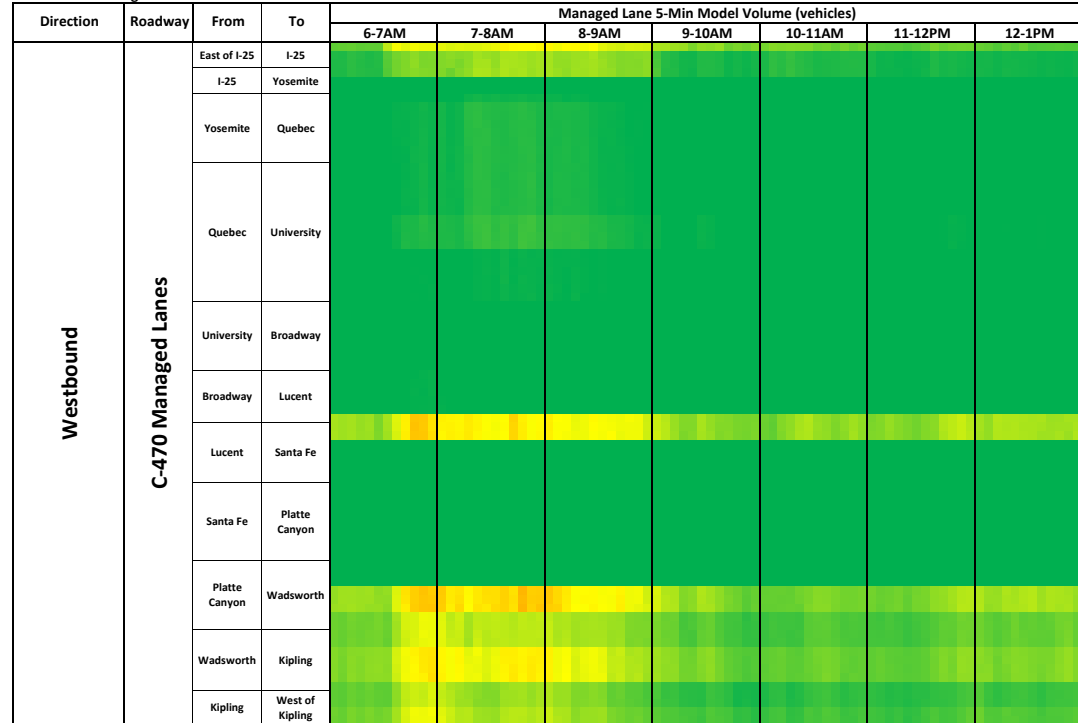


Table 6b  
Westbound General Purpose Lane Volume

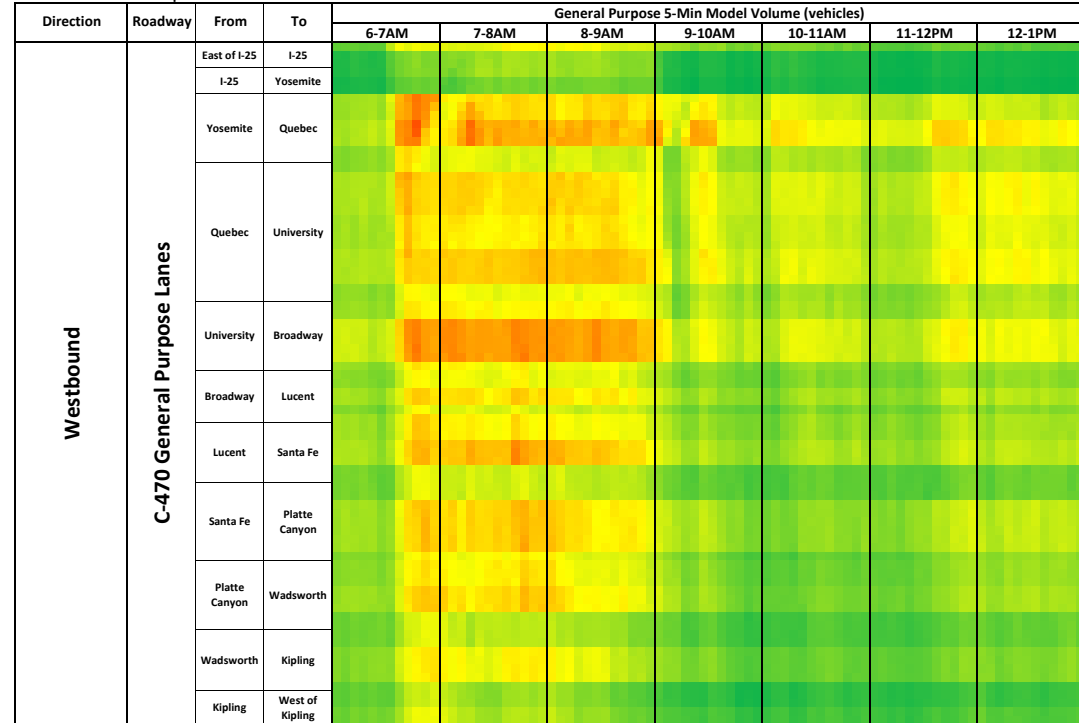


Table 6c  
Eastbound Managed Lane Volume

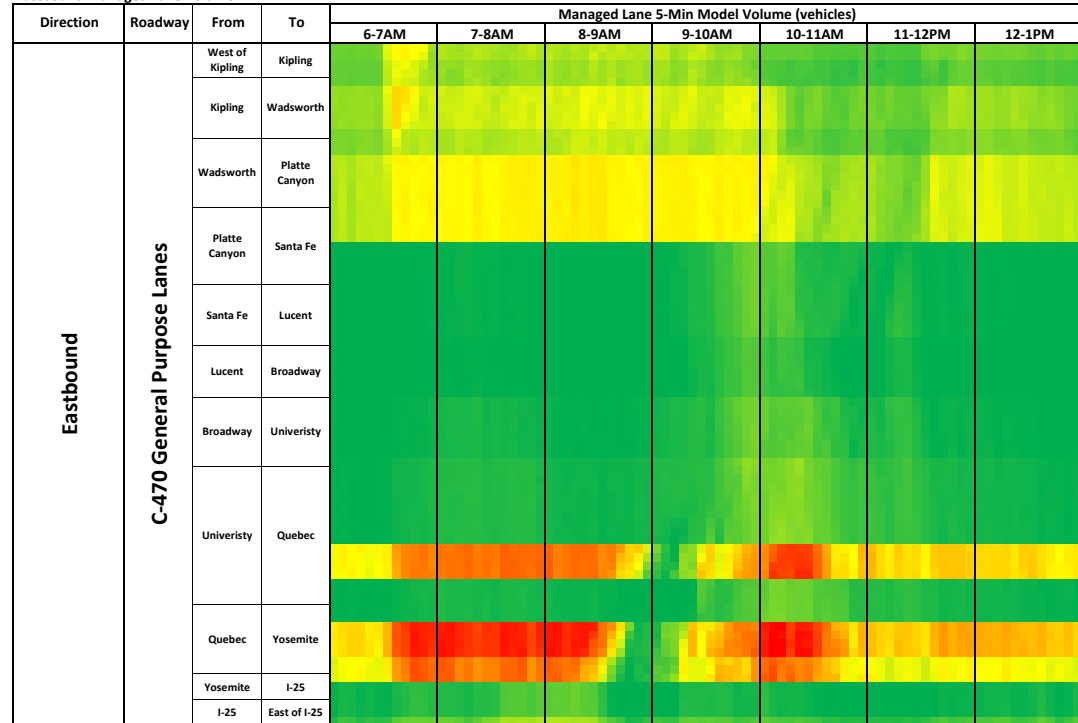


Table 6d  
Eastbound General Purpose Lane Volume

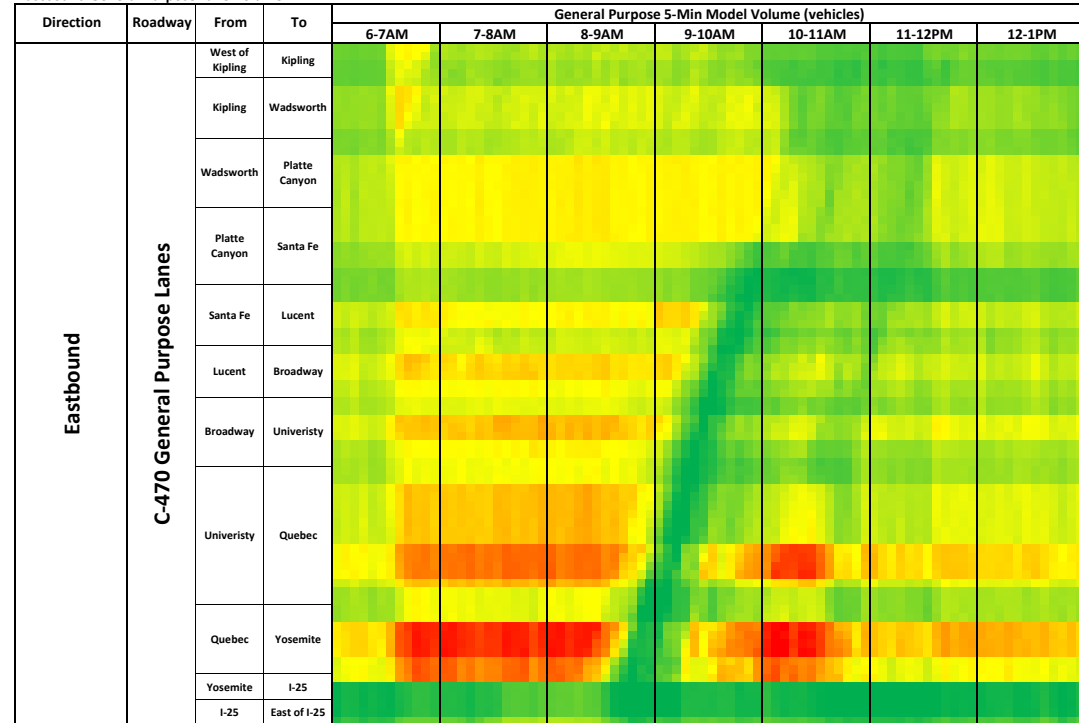


Table 6e  
NB I-25 Volume

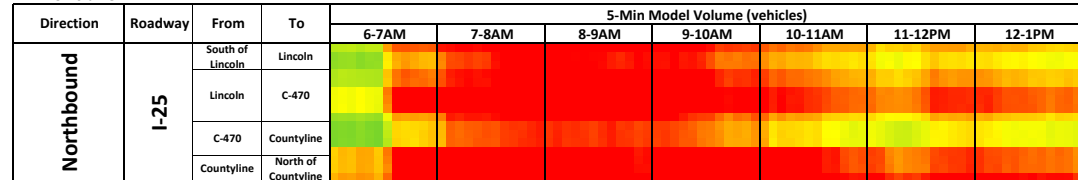
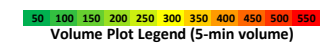
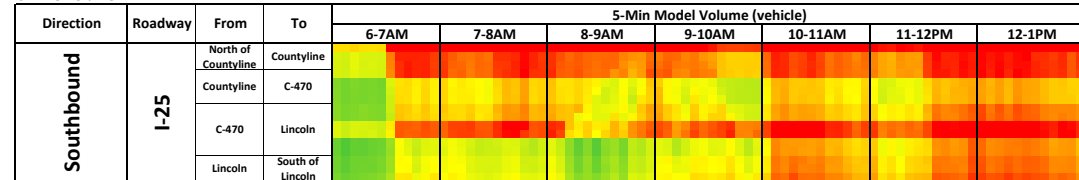


Table 6f  
SB I-25 Volume



## **Appendix E-4**

### **Option C Interim Fixed Pricing II 2025 PM**

**Table 1**  
**Network Summary**

Run#	Total VMT (veh-mi)	Total VHT (veh-hr)	Avg Spd (mph)	Avg Delay (s)	Latent Demand	Total Revenue (2013\$)
run1	1,706,926	45,043	37.90	119	9,509	\$36,656
run2	1,712,544	45,294	37.81	120	7,620	\$36,573
run3	1,705,715	44,913	37.98	119	10,536	\$37,872
run4	1,700,251	44,525	38.19	116	10,317	\$35,868
run5	1,712,119	45,305	37.79	120	8,439	\$37,204
run6						
run7						
run8						
run9						
run10						
Average	1,707,511	45,016	37.93	119	9,284	\$36,834

Revenue and Transaction by User Class

	Transponder	License Plate	Total
Revenue	\$21,178.45	\$15,655.90	\$36,834.35
Transaction	10,044	5,356	15,400
Avg Toll	\$2.11	\$2.92	\$2.39

Minimum Number of Runs Needed:

	Mean	Speed (mph)	Revenue (\$)
		37.93	36,834
Standard Deviation		0.16	750
Target Error %	1.0%	1	16
	2.5%	1	3
	3.5%	1	2
	5.0%	1	1
	10.0%	1	1

Table 2a  
Westbound Travel Time

	From	To	Distance (mi)	Model Travel Time (mins)														
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00	
WB C-470 - Managed Lane	I-25	Yosemite	0.622	0.6	0.6	0.6	0.6	11.4	4.6	4.6	1.7	1.3	1.2	1.8	1.4	1.5	0.6	
	Yosemite	Quebec	1.401	1.5	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.4	1.4	1.4	1.4	1.5	1.5	
	Quebec	Colorado	2.063	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.2	2.1	2.2	2.2	2.3	2.3	
	Colorado	University	1.030	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.2	1.1		
	University	Broadway	1.489	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.7	1.7	
	Broadway	Lucent	1.181	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	
	Lucent	Santa Fe	1.403	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.4	1.5	1.5
	Santa Fe	Platte Canyon	1.581	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7
	Platte Canyon	Wadsworth	1.529	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.8	1.9	1.9	1.8	1.6	1.6	1.6
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4
	Total		13.754	14.5	14.5	14.6	14.8	25.8	19.2	19.3	16.5	16.0	15.7	15.9	15.2	15.6	14.7	
WB C-470 - General Purpose Lanes	I-25	Yosemite	0.622	0.6	0.6	0.7	6.8	27.3	42.2	35.4	15.3	7.4	4.5	6.1	4.3	6.9	0.6	
	Yosemite	Quebec	1.401	1.4	1.7	4.0	8.5	9.6	10.6	11.0	10.1	7.5	4.2	4.2	6.6	7.9	2.3	
	Quebec	Colorado	2.063	2.5	3.1	4.0	5.2	7.4	7.8	8.3	8.1	7.6	4.0	2.7	5.9	7.4	5.1	
	Colorado	University	1.030	1.2	1.2	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.3	1.4	1.4	1.3	
	University	Broadway	1.489	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	2.1	2.9	1.6	1.6	1.6	1.5	
	Broadway	Lucent	1.181	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	4.3	3.3	1.4	1.2	1.2	1.2	
	Lucent	Santa Fe	1.403	1.4	1.4	1.5	1.5	1.6	1.6	1.6	3.4	6.1	4.7	2.9	1.5	1.5	1.4	
	Santa Fe	Platte Canyon	1.581	1.6	1.6	1.7	1.8	1.9	2.6	3.3	5.1	5.0	4.6	4.0	1.6	1.6	1.6	
	Platte Canyon	Wadsworth	1.529	1.6	1.6	1.6	1.7	1.7	1.8	1.9	2.0	2.1	2.1	1.8	1.6	1.6	1.5	
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4
	Total		13.540	14.5	15.3	18.9	31.0	55.2	72.4	67.5	49.9	45.0	33.3	27.4	27.0	32.4	17.9	
WB C-470 - Travel Time Saving	I-25	Yosemite	0.622	0.0	0.1	0.1	6.2	15.9	37.6	30.8	13.6	6.2	3.4	4.3	2.9	5.4	0.0	
	Yosemite	Quebec	1.401	0.0	0.2	2.6	7.0	8.1	9.0	9.5	8.6	6.1	2.8	2.8	5.1	6.4	0.8	
	Quebec	Colorado	2.063	0.3	0.9	1.8	2.9	5.0	5.4	5.9	5.7	5.3	1.8	0.6	3.7	5.1	2.8	
	Colorado	University	1.030	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.2	0.2	
	University	Broadway	1.489	-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.4	1.2	0.0	-0.1	-0.1	-0.1	
	Broadway	Lucent	1.181	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	2.9	1.8	0.1	-0.1	-0.1	-0.1	
	Lucent	Platte Canyon	1.403	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	1.9	4.6	3.2	1.4	0.0	0.0	
	Platte Canyon	Santa Fe	1.581	-0.1	-0.1	0.0	0.0	0.2	0.8	1.5	3.3	3.2	2.8	2.2	0.0	-0.1	-0.1	
	Santa Fe	Wadsworth	1.529	-0.1	-0.1	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.2	0.1	0.0	-0.1	-0.1	
	Wadsworth	Kipling	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total		13.540	0.0	0.9	4.4	16.2	29.4	53.2	48.1	33.5	29.0	17.6	11.4	11.8	16.8	3.2	

**Table 2b**  
**Eastbound Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>EB C-470 - Managed Lane</b>	Kipling	Wadsworth	1.454	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.4	1.5	1.5	1.5	1.4	1.4	1.4
	Wadsworth	Platte Canyon	1.530	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.5	1.4
	Platte Canyon	Santa Fe	1.569	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Santa Fe	Lucent	1.403	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Lucent	Broadway	1.204	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	Broadway	University	1.473	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	University	Colorado	1.026	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Colorado	Quebec	2.068	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	1.9
	Quebec	Yosemite	1.388	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.2</b>	<b>13.4</b>	<b>13.4</b>	<b>13.3</b>	<b>13.2</b>	<b>13.2</b>	<b>13.3</b>	<b>13.4</b>	<b>13.2</b>	<b>13.0</b>	<b>12.8</b>
<b>EB C-470 - General Purpose Lanes</b>	Kipling	Wadsworth	1.454	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.4	1.5	1.5	1.5	1.4	1.4	1.4
	Wadsworth	Platte Canyon	1.530	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.5	1.4
	Platte Canyon	Santa Fe	1.569	1.6	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5
	Santa Fe	Lucent	1.403	1.4	1.4	1.5	1.5	1.6	1.6	1.5	1.5	1.5	1.5	1.6	1.5	1.4	1.4
	Lucent	Broadway	1.204	1.2	1.2	1.2	1.2	1.3	1.3	1.2	1.2	1.2	1.2	1.3	1.3	1.2	1.2
	Broadway	University	1.473	1.5	1.5	1.5	1.5	1.6	1.7	1.6	1.5	1.5	1.5	1.9	1.7	1.5	1.4
	University	Colorado	1.026	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.1	1.0	1.0	1.1	1.1	1.0	1.0
	Colorado	Quebec	2.068	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.1	2.2	2.2	2.1	2.0
	Quebec	Yosemite	1.388	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.4	1.4	1.4	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>13.8</b>	<b>13.8</b>	<b>13.8</b>	<b>13.9</b>	<b>14.5</b>	<b>14.7</b>	<b>14.2</b>	<b>13.9</b>	<b>13.8</b>	<b>14.0</b>	<b>14.7</b>	<b>14.3</b>	<b>13.6</b>	<b>13.1</b>
<b>EB C-470 - Travel Time Saving</b>	Kipling	Wadsworth	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Wadsworth	Platte Canyon	1.530	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Platte Canyon	Santa Fe	1.569	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
	Santa Fe	Lucent	1.403	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.1
	Lucent	Broadway	1.204	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
	Broadway	University	1.473	0.1	0.1	0.1	0.1	0.2	0.3	0.2	0.1	0.1	0.1	0.5	0.3	0.1	0.0
	University	Colorado	1.026	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.0
	Colorado	Quebec	2.068	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.1
	Quebec	Yosemite	1.388	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.0
	Yosemite	I-25	0.635	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>Total</b>		<b>13.749</b>	<b>0.7</b>	<b>0.7</b>	<b>0.7</b>	<b>0.8</b>	<b>1.2</b>	<b>1.3</b>	<b>0.9</b>	<b>0.7</b>	<b>0.6</b>	<b>0.7</b>	<b>1.4</b>	<b>1.1</b>	<b>0.6</b>	<b>0.3</b>

**Table 2c**  
**I-25 Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>NB I-25</b>	Lincoln	C-470	1.323	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2
	C-470	Countyline	0.761	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
	Total		2.084	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
<b>SB I-25</b>	Countyline	C-470	0.761	0.8	0.8	0.8	0.8	1.0	1.1	0.9	0.9	0.9	0.9	1.0	0.9	0.9	0.8
	C-470	Lincoln	1.323	1.3	1.3	1.3	1.3	1.4	1.5	1.5	1.4	1.5	1.7	1.7	1.5	1.4	1.3
	Total		2.084	2.1	2.1	2.1	2.2	2.4	2.6	2.4	2.3	2.4	2.6	2.7	2.3	2.3	2.1

**Table 2d**  
**NB/SB I-25 Ramp to C-470 WB Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>NB I-25 - General Purpose</b>	Lincoln	Yosemite	1.963	2.3	2.3	2.3	3.5	4.8	8.5	8.9	3.8	3.2	2.9	3.0	2.9	2.9	2.2
	Yosemite	Quebec	1.402	1.4	1.6	4.0	8.5	9.6	10.6	11.0	10.1	7.5	4.2	4.2	6.6	7.9	2.3
	Total		3.365	3.7	3.9	6.4	12.0	14.4	19.1	19.8	13.9	10.7	7.1	7.1	9.5	10.8	4.5
<b>NB I-25 - Managed Lane</b>	Lincoln	Yosemite	1.967	2.2	2.3	2.3	2.5	2.7	5.4	5.1	2.5	2.5	2.5	2.5	2.3	2.3	2.2
	Yosemite	Quebec	1.398	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	Total		3.364	3.8	3.8	3.9	4.0	4.3	7.0	6.7	4.1	4.1	4.0	4.1	3.9	3.8	3.8
<b>SB I-25 - General Purpose</b>	Countyline	Yosemite	1.142	1.2	1.3	1.3	2.8	4.5	6.1	5.8	3.2	2.2	1.8	1.9	2.0	2.2	1.2
	Yosemite	Quebec	1.402	1.4	1.6	4.0	8.5	9.6	10.6	11.0	10.1	7.5	4.2	4.2	6.6	7.9	2.3
	Total		2.544	2.7	2.9	5.3	11.3	14.1	16.7	16.7	13.3	9.7	6.1	6.1	8.5	10.1	3.5
<b>SB I-25 - Managed Lane</b>	Countyline	Yosemite	1.187	1.3	1.3	1.3	1.3	1.4	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3
	Yosemite	Quebec	1.398	1.5	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.4	1.4	1.4	1.4	1.5	1.5
	Total		2.585	2.8	2.8	2.8	2.8	3.0	3.0	3.0	2.9	2.8	2.8	2.8	2.8	2.9	2.8







Table 5a  
Westbound Managed Lane Speed

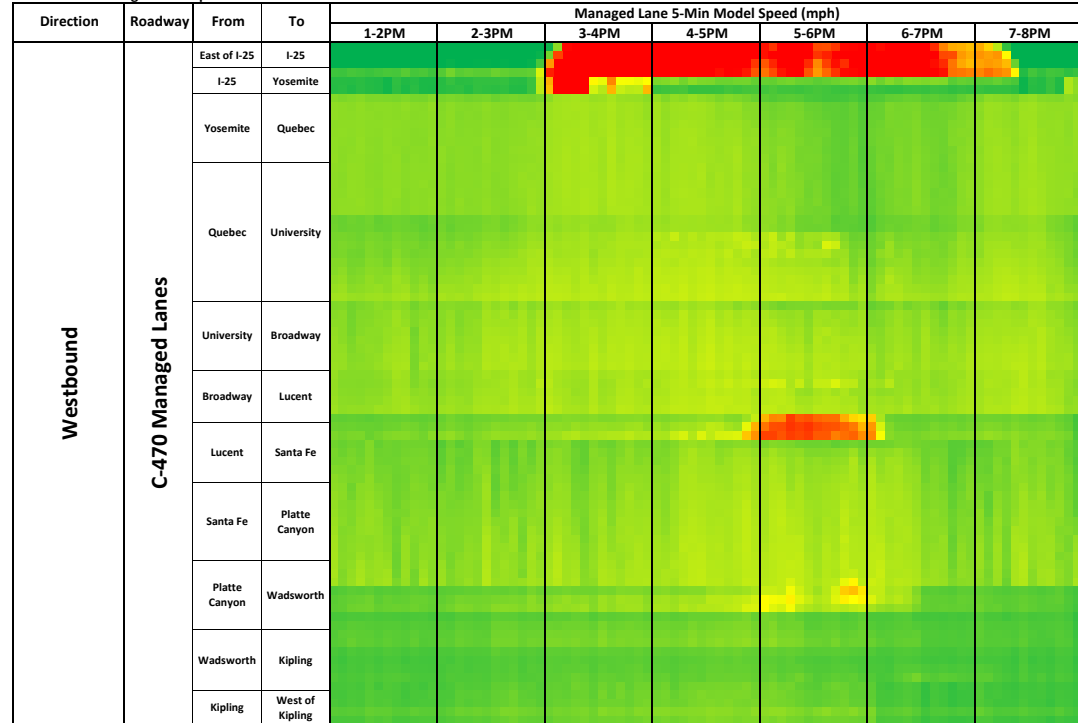


Table 5b  
Westbound General Purpose Lane Speed

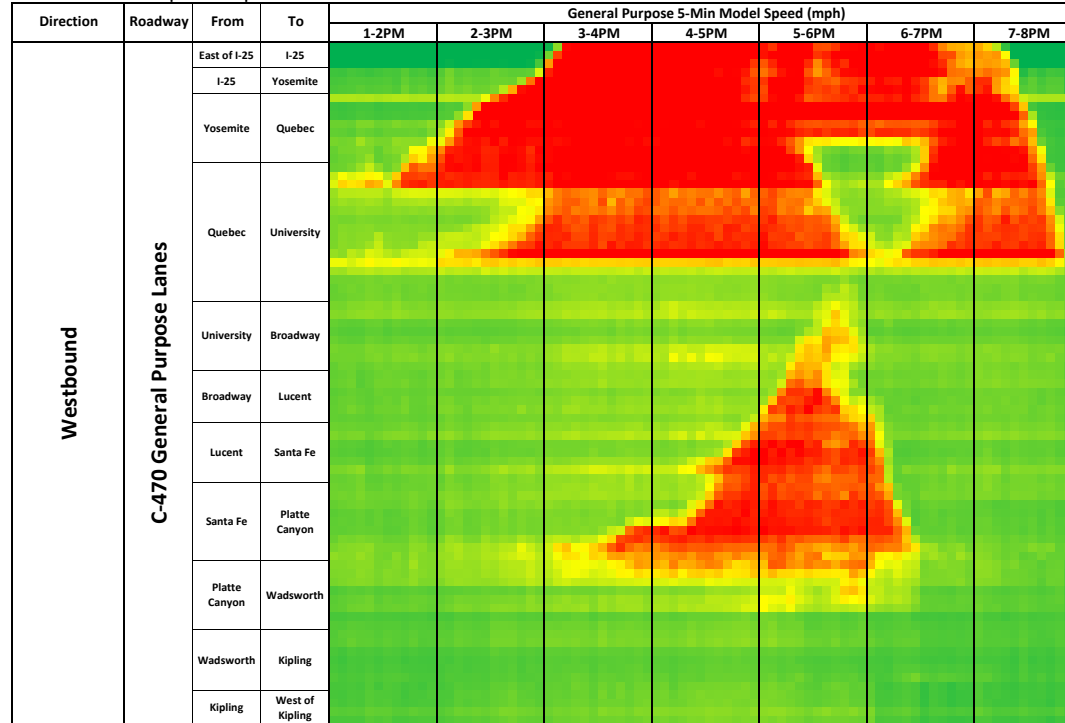


Table 5c  
Eastbound Managed Lane Speed

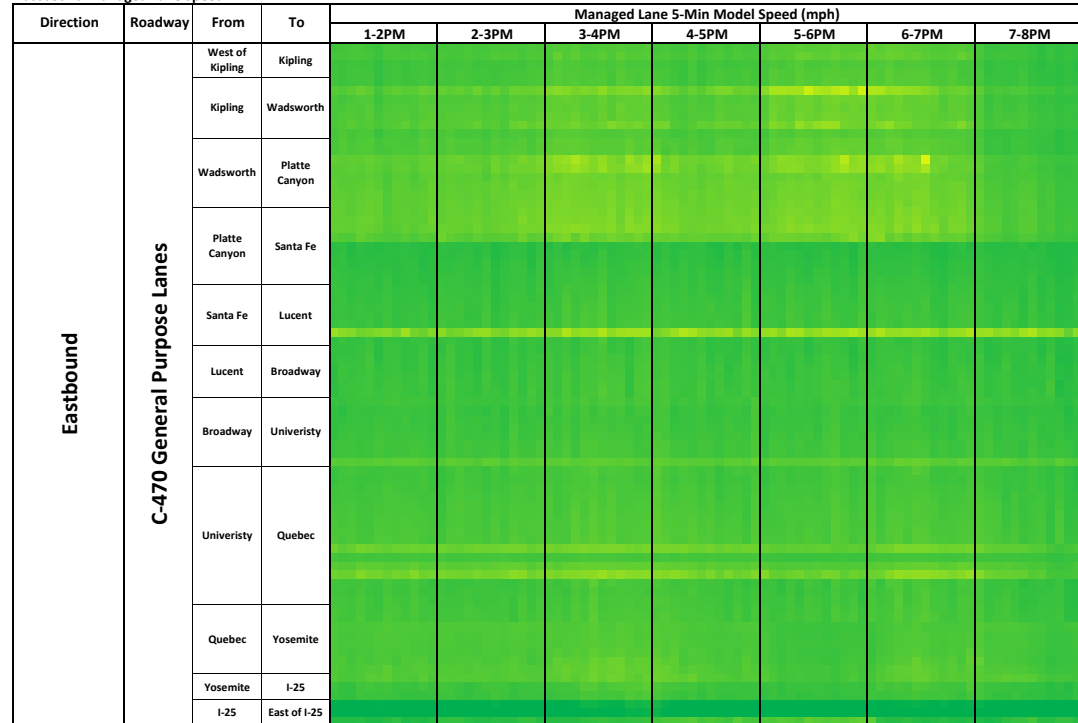


Table 5d  
Eastbound General Purpose Lane Speed

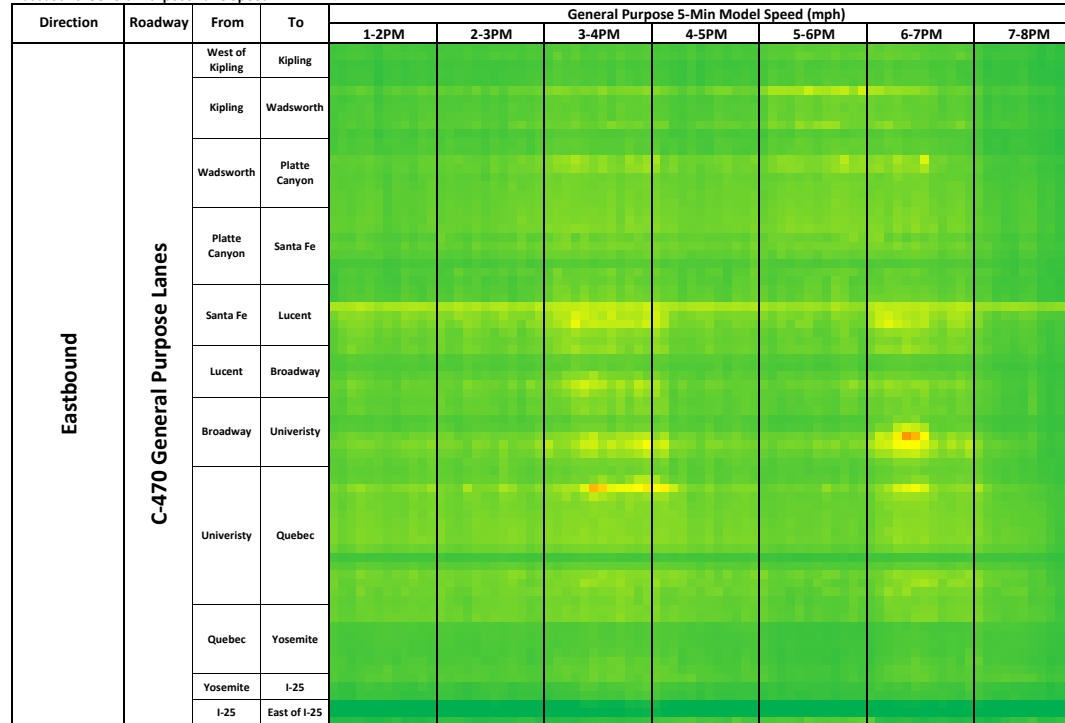


Table 5e  
NB I-25 Speed

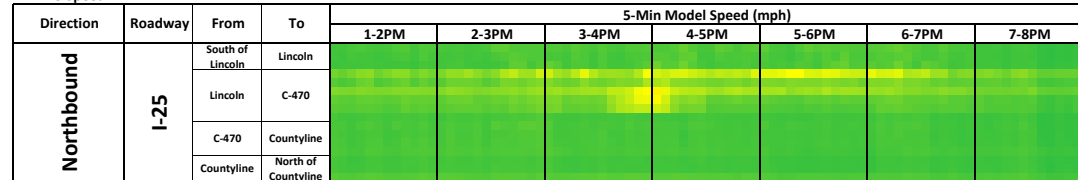


Table 5f  
SB I-25 Speed

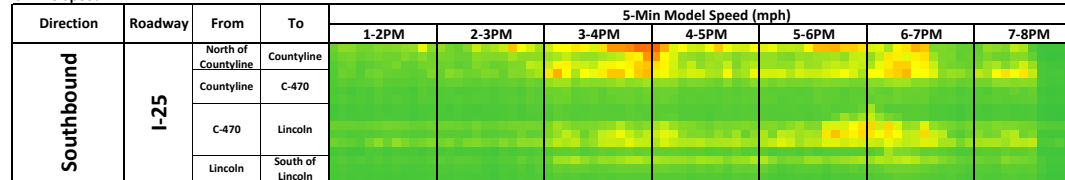


Table 6a  
Westbound Managed Lane Volume

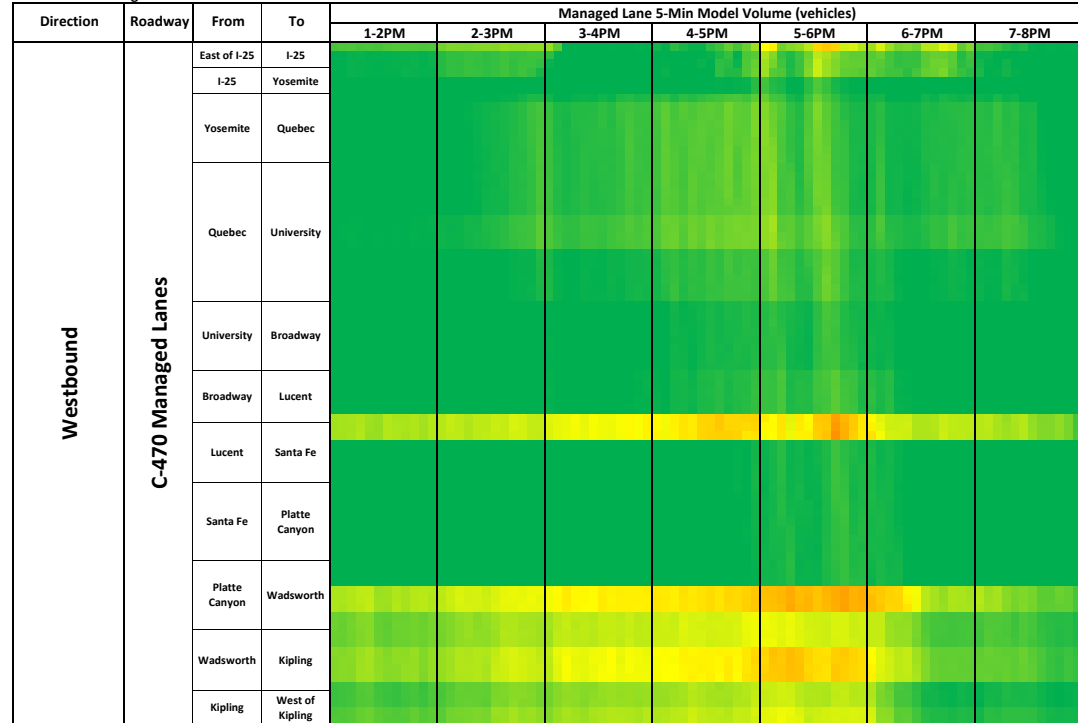


Table 6b  
Westbound General Purpose Lane Volume

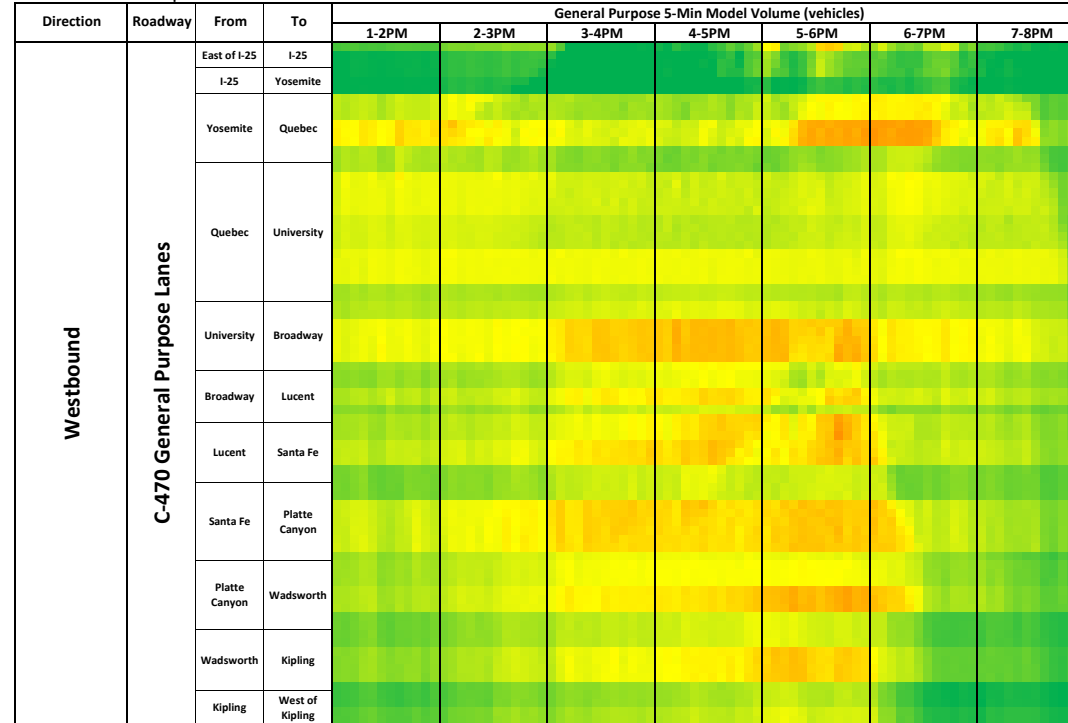


Table 6c  
Eastbound Managed Lane Volume

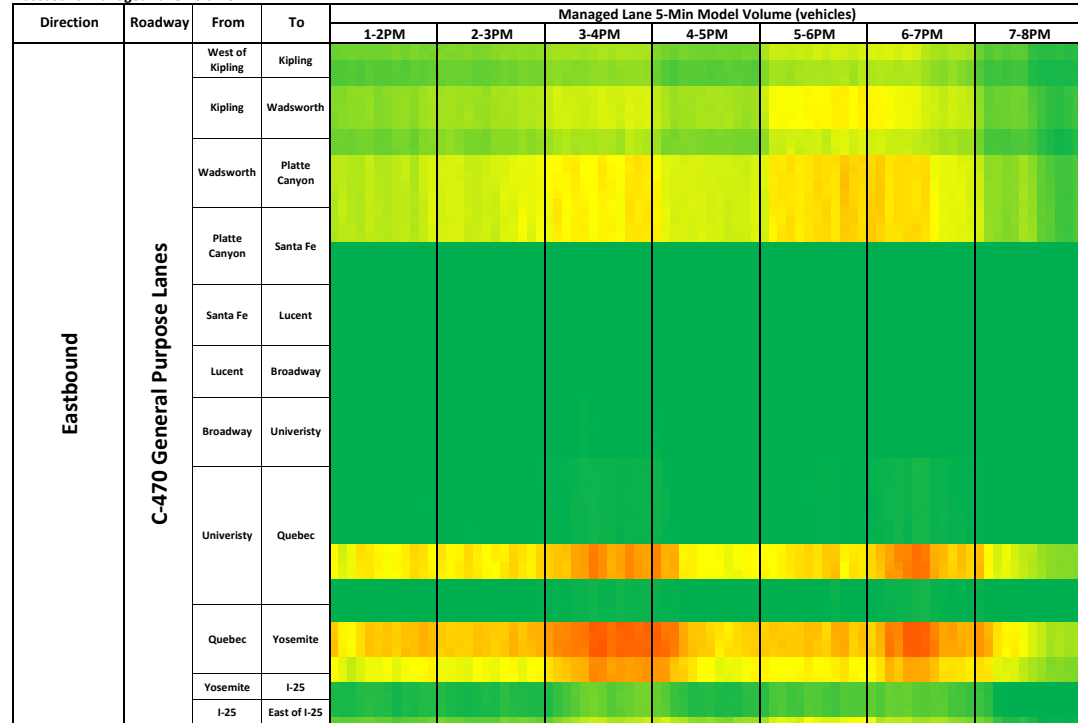


Table 6d  
Eastbound General Purpose Lane Volume

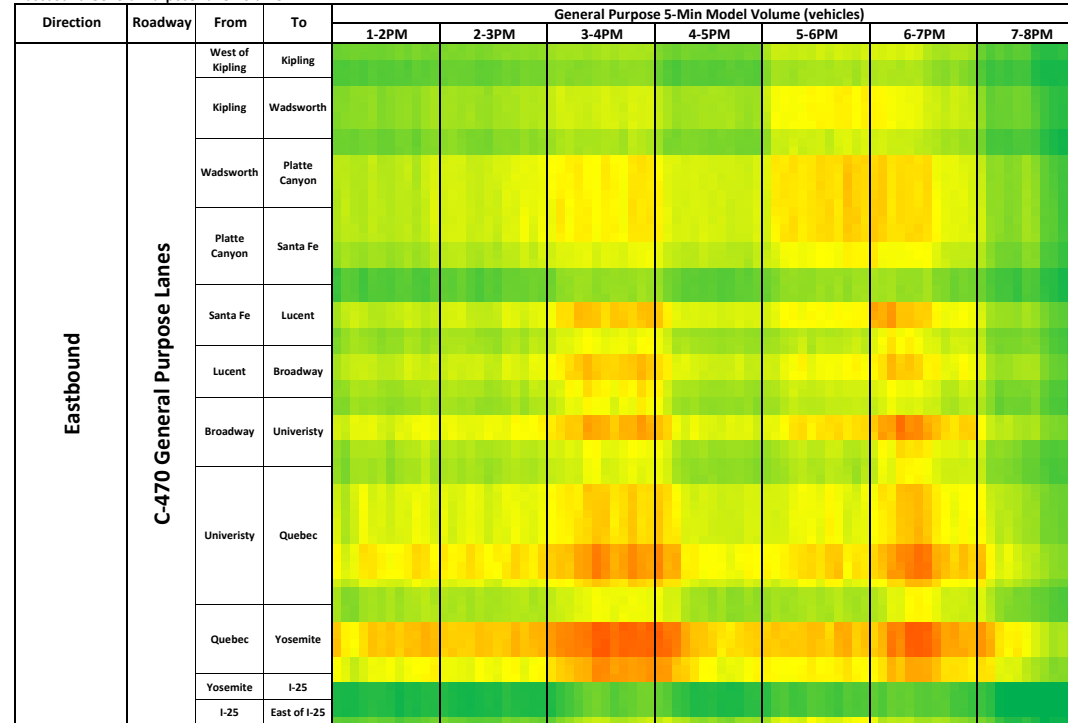


Table 6e  
NB I-25 Volume

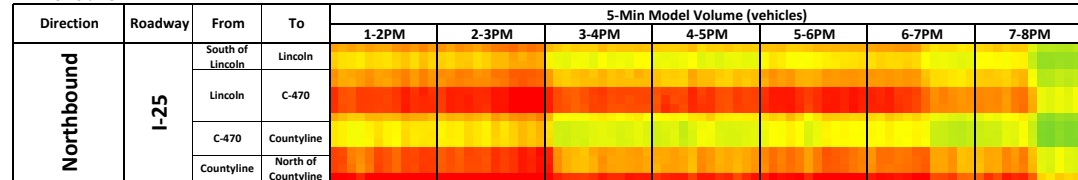
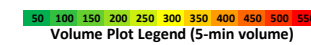
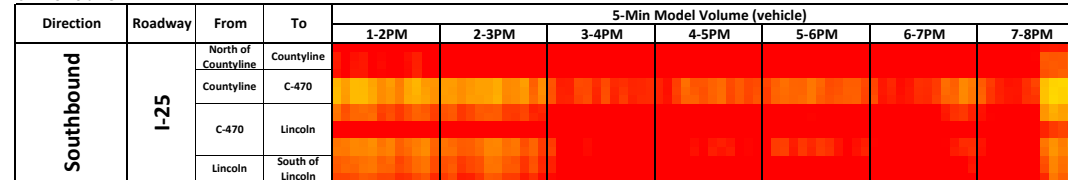


Table 6f  
SB I-25 Volume



## **Appendix E-5**

### **Option C Interim Fixed Pricing II 2035 AM**

**Table 1**  
**Network Summary**

Run#	Total VMT (veh-mi)	Total VHT (veh-hr)	Avg Spd (mph)	Avg Delay (s)	Latent Demand	Total Revenue (2013\$)
run1	1,719,806	58,947	29.18	252	14,936	\$31,003
run2	1,651,937	76,860	21.49	435	26,252	\$31,686
run3	1,651,488	76,144	21.69	431	28,007	\$35,438
run4	1,733,658	54,435	31.85	207	12,317	\$28,677
run5	1,677,629	69,197	24.24	357	21,813	\$35,531
run6						
run7						
run8						
run9						
run10						
Average	1,686,904	67,116	25.69	336	20,665	\$32,467

Revenue and Transaction by User Class

	Transponder	License Plate	Total
Revenue	\$21,411.80	\$11,054.80	\$32,466.60
Transaction	12,844	4,618	17,461
Avg Toll	\$1.67	\$2.39	\$1.86

Minimum Number of Runs Needed:

	Mean	Speed (mph)	Revenue (\$)
		25.69	32,467
Standard Deviation		4.63	2972
Target Error %	1.0%	1249	322
	2.5%	200	52
	3.5%	102	27
	5.0%	50	13
	10.0%	13	4

**Table 2a**  
**Westbound Travel Time**

Direction	From	To	Distance (mi)	Model Travel Time (mins)														
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00	
<b>WB C-470 - Managed Lane</b>	I-25	Yosemite	0.622	0.6	0.9	1.2	1.1	1.1	1.4	1.2	1.0	0.7	0.7	0.6	0.6	0.6	0.6	
	Yosemite	Quebec	1.401	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5
	Quebec	Colorado	2.063	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.3	2.2	2.2	2.2	2.2
	Colorado	University	1.030	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	University	Broadway	1.489	1.5	1.6	1.6	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	Broadway	Lucent	1.181	1.2	1.3	1.3	1.2	1.3	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Lucent	Santa Fe	1.403	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.5	1.5	1.5	1.5
	Santa Fe	Platte Canyon	1.581	1.6	1.6	1.7	1.6	1.7	1.7	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
	Platte Canyon	Wadsworth	1.529	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.6
	Wadsworth	Kipling	1.454	1.4	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	Total		13.754	13.9	14.6	14.9	14.4	14.6	14.6	14.7	15.0	14.6	14.4	14.6	14.4	14.5	14.4	
<b>WB C-470 - General Purpose Lanes</b>	I-25	Yosemite	0.622	0.6	1.1	1.6	1.0	1.1	1.2	1.2	2.1	0.8	0.8	2.6	0.6	0.6	0.6	
	Yosemite	Quebec	1.401	1.4	2.6	5.5	2.0	1.5	1.4	1.9	2.9	1.9	1.5	5.3	1.6	1.4	1.4	
	Quebec	Colorado	2.063	2.1	3.1	4.7	6.0	5.2	2.6	2.1	2.5	2.3	10.3	5.3	2.4	2.2	2.2	
	Colorado	University	1.030	1.1	1.2	1.3	1.3	1.3	1.2	1.1	1.2	1.2	5.4	1.2	1.2	1.1	1.1	
	University	Broadway	1.489	1.5	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	
	Broadway	Lucent	1.181	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
	Lucent	Santa Fe	1.403	1.4	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	
	Santa Fe	Platte Canyon	1.581	1.5	1.6	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.6	1.6	1.6	
	Platte Canyon	Wadsworth	1.529	1.5	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.5	
	Wadsworth	Kipling	1.454	1.4	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	
	Total		13.540	13.7	17.1	22.3	19.4	17.8	15.0	14.8	17.1	14.7	26.6	23.0	14.6	14.2	14.0	
<b>WB C-470 - Travel Time Saving</b>	I-25	Yosemite	0.622	0.0	0.2	0.4	-0.1	0.0	-0.2	0.0	1.0	0.1	0.1	2.1	0.1	0.1	0.1	
	Yosemite	Quebec	1.401	0.0	1.2	4.1	0.7	0.1	0.1	0.5	1.4	0.5	0.1	3.9	0.2	0.0	-0.1	
	Quebec	Colorado	2.063	0.0	1.0	2.6	3.9	3.1	0.5	0.0	0.2	0.1	8.1	3.1	0.2	0.0	0.0	
	Colorado	University	1.030	0.0	0.1	0.2	0.2	0.2	0.1	0.0	0.0	0.1	4.3	0.0	0.1	0.0	0.0	
	University	Broadway	1.489	0.0	0.1	0.0	0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.0	
	Broadway	Lucent	1.181	-0.1	0.0	0.0	0.0	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	
	Lucent	Platte Canyon	1.403	0.0	0.1	0.1	0.1	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.0	
	Platte Canyon	Santa Fe	1.581	-0.1	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.2	-0.2	-0.1	-0.2	-0.1	-0.1	-0.1	
	Santa Fe	Wadsworth	1.529	-0.1	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	
	Wadsworth	Kipling	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Total		13.540	-0.3	2.5	7.4	4.9	3.2	0.4	0.1	2.1	0.1	12.1	8.4	0.2	-0.3	-0.4	

**Table 2b**  
**Eastbound Travel Time**

Direction	From	To	Distance (mi)	Model Travel Time (mins)													
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00
EB C-470 - Managed Lane	Kipling	Wadsworth	1.454	1.4	3.9	6.9	6.4	6.7	6.8	6.8	7.6	7.1	9.1	15.9	24.4	8.1	4.6
	Wadsworth	Platte Canyon	1.530	1.6	2.9	3.4	3.2	3.3	3.3	3.4	3.4	6.9	7.9	21.8	16.9	3.4	2.7
	Platte Canyon	Santa Fe	1.569	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.7	4.2	9.8	23.9	8.5	1.9	1.5
	Santa Fe	Lucent	1.403	1.3	1.3	1.3	1.3	1.3	1.3	1.6	4.3	15.0	19.5	2.5	1.4	1.3	
	Lucent	Broadway	1.204	1.1	1.1	1.1	1.1	1.1	1.1	1.2	3.3	15.4	7.9	1.4	1.2	1.1	
	Broadway	University	1.473	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.8	7.9	19.9	9.3	2.2	1.6	1.4
	University	Colorado	1.026	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.6	8.3	11.7	3.1	1.3	1.1	1.0
	Colorado	Quebec	2.068	2.0	2.0	2.0	2.0	2.0	2.4	18.1	11.0	16.7	18.5	6.4	2.5	2.1	2.0
	Quebec	Yosemite	1.388	1.3	1.4	1.4	1.4	1.4	6.5	20.9	10.4	20.1	10.8	3.3	1.8	1.3	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.7	0.6	0.6	1.3	1.6	1.6	1.5	1.3	0.8	0.7	0.6	0.6
	Total		13.749	13.2	17.2	20.8	20.0	20.3	26.6	57.4	41.8	80.2	119.5	111.9	62.3	22.6	17.6
EB C-470 - General Purpose Lanes	Kipling	Wadsworth	1.454	1.4	3.9	6.9	6.4	6.7	6.8	6.8	7.6	7.1	9.1	15.9	24.4	8.1	4.6
	Wadsworth	Platte Canyon	1.530	1.6	2.9	3.4	3.2	3.3	3.3	3.4	3.4	6.9	7.9	21.8	16.9	3.4	2.7
	Platte Canyon	Santa Fe	1.569	1.6	1.6	1.6	1.6	1.6	1.6	1.6	2.6	18.7	19.5	30.6	17.2	1.8	1.6
	Santa Fe	Lucent	1.403	1.5	1.7	2.4	1.5	1.5	1.5	2.0	18.8	30.4	42.9	52.9	27.6	1.5	1.5
	Lucent	Broadway	1.204	1.3	2.4	4.0	2.4	1.7	1.4	3.2	23.5	19.9	27.2	27.2	2.5	1.3	1.3
	Broadway	University	1.473	1.5	1.9	2.4	1.8	1.8	1.7	5.8	24.6	19.4	26.3	12.2	2.5	1.6	1.6
	University	Colorado	1.026	1.0	1.2	1.6	1.6	1.7	1.5	10.4	14.4	11.9	12.4	2.8	1.9	1.1	1.1
	Colorado	Quebec	2.068	2.1	2.2	2.2	2.2	2.1	3.3	27.6	22.4	27.4	21.3	6.9	2.8	2.3	2.1
	Quebec	Yosemite	1.388	1.4	1.4	1.4	1.4	1.4	6.8	28.4	17.6	29.8	18.5	4.1	1.9	1.4	1.4
	Yosemite	I-25	0.635	0.6	0.6	0.7	0.6	0.6	1.3	1.6	1.6	1.5	1.3	0.8	0.7	0.6	0.6
	Total		13.749	14.0	19.8	26.6	22.7	22.3	29.1	90.7	136.3	172.8	186.4	175.4	98.4	23.2	18.4
EB C-470 - Travel Time Saving	Kipling	Wadsworth	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Wadsworth	Platte Canyon	1.530	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Platte Canyon	Santa Fe	1.569	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.9	14.6	9.7	6.6	8.7	-0.1	0.1
	Santa Fe	Lucent	1.403	0.2	0.4	1.1	0.2	0.2	0.2	0.6	17.2	26.1	27.9	33.4	25.1	0.2	0.2
	Lucent	Broadway	1.204	0.1	1.2	2.8	1.2	0.5	0.2	2.1	22.3	16.6	11.7	19.4	1.1	0.1	0.1
	Broadway	University	1.473	0.1	0.4	1.0	0.3	0.4	0.3	4.4	22.8	11.5	6.4	3.0	0.3	0.0	0.1
	University	Colorado	1.026	0.1	0.2	0.6	0.6	0.7	0.5	9.1	12.8	3.6	0.7	-0.4	0.5	0.0	0.1
	Colorado	Quebec	2.068	0.1	0.2	0.2	0.2	0.1	0.9	9.5	11.4	10.6	2.9	0.5	0.3	0.2	0.1
	Quebec	Yosemite	1.388	0.0	0.1	0.1	0.0	0.0	0.3	7.6	7.2	9.7	7.7	0.9	0.1	0.1	0.0
	Yosemite	I-25	0.635	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total		13.749	0.8	2.6	5.8	2.7	1.9	2.4	33.3	94.5	92.6	67.0	63.5	36.2	0.6	0.8

**Table 2c**  
**I-25 Travel Time**

Direction	From	To	Distance (mi)	Model Travel Time (mins)													
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00
NB I-25	Lincoln	C-470	1.323	1.2	1.3	1.3	2.4	3.0	2.8	2.5	2.4	1.5	1.3	1.3	1.3	1.3	1.3
	C-470	Countyline	0.761	0.7	0.7	0.7	0.8	0.8	0.7	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7
	Total		2.084	1.9	2.0	2.1	3.1	3.7	3.6	3.3	3.2	2.2	2.0	2.0	2.0	2.0	2.0
SB I-25	Countyline	C-470	0.761	0.7	0.8	0.7	0.8	0.8	2.5	1.3	0.7	3.2	1.0	0.7	0.8	0.8	0.8
	C-470	Lincoln	1.323	1.2	1.3	1.3	1.4	2.8	6.1	2.9	3.7	4.7	1.5	1.3	1.3	1.3	1.3
	Total		2.084	1.9	2.1	2.0	2.2	3.6	8.7	4.2	4.4	7.9	2.5	2.0	2.1	2.1	2.1

**Table 2d**  
**NB/SB I-25 Ramp to C-470 WB Travel Time**

Direction	From	To	Distance (mi)	Model Travel Time (mins)													
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00
NB I-25 - General Purpose	Lincoln	Yosemite	1.963	2.2	2.4	2.5	3.9	5.5	5.4	5.1	6.6	2.9	2.3	3.6	2.3	2.3	2.2
	Yosemite	Quebec	1.402	1.4	2.6	5.5	2.0	1.5	1.4	1.9	2.9	1.9	1.5	5.3	1.6	1.4	1.4
	Total		3.365	3.5	5.0	8.0	5.9	7.0	6.8	6.9	9.5	4.7	3.8	8.9	3.9	3.7	3.7
NB I-25 - Managed Lane	Lincoln	Yosemite	1.967	2.1	2.3	2.3	3.8	5.6	5.3	4.9	5.9	2.8	2.2	2.2	2.2	2.2	2.2
	Yosemite	Quebec	1.398	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	Total		3.364	3.7	3.9	3.8	5.3	7.1	6.9	6.5	7.5	4.4	3.8	3.7	3.8	3.8	3.8
SB I-25 - General Purpose	Countyline	Yosemite	1.142	1.2	1.3	1.4	1.2	1.2	1.3	1.4	2.8	1.5	1.3	2.6	1.3	1.3	1.2
	Yosemite	Quebec	1.402	1.4	2.6	5.5	2.0	1.5	1.4	1.9	2.9	1.9	1.5	5.3	1.6	1.4	1.4
	Total		2.544	2.6	3.9	6.9	3.3	2.7	2.7	3.2	5.6	3.4	2.8	7.9	2.8	2.7	2.6
SB I-25 - Managed Lane	Countyline	Yosemite	1.187	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.3	1.4	1.4	1.3	1.3	1.3	1.3
	Yosemite	Quebec	1.398	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5
	Total		2.585	2.7	2.7	2.7	2.6	2.7	2.7	2.7	2.7	2.7	2.8	2.8	2.7	2.7	2.8







Table 5a  
Westbound Managed Lane Speed

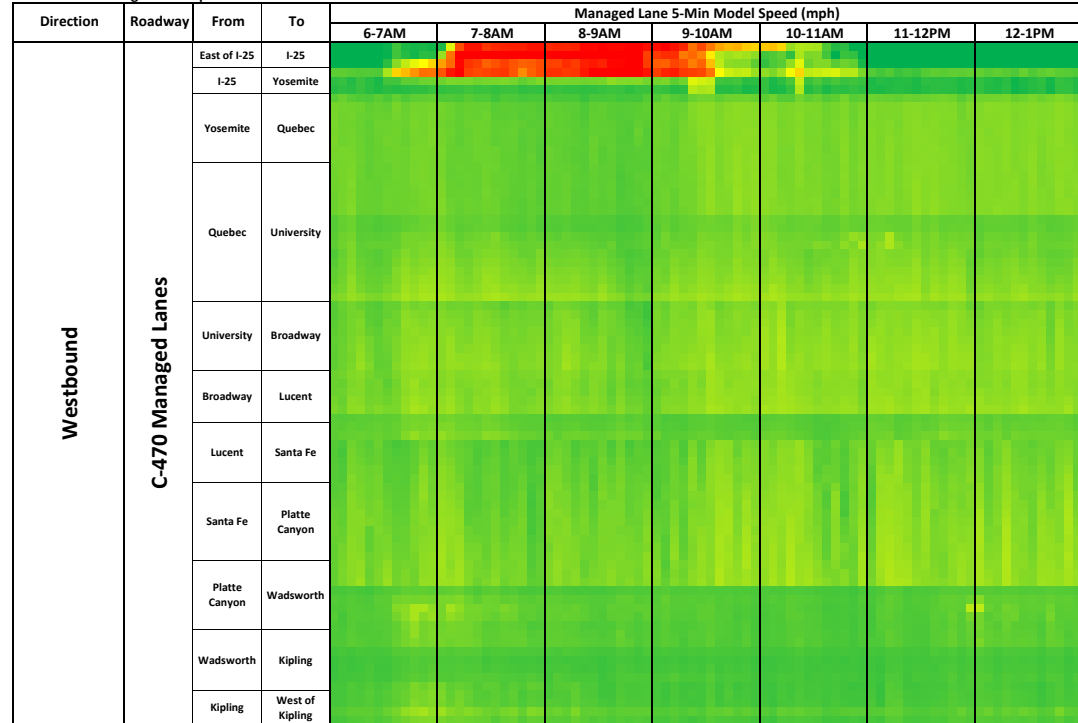


Table 5b  
Westbound General Purpose Lane Speed

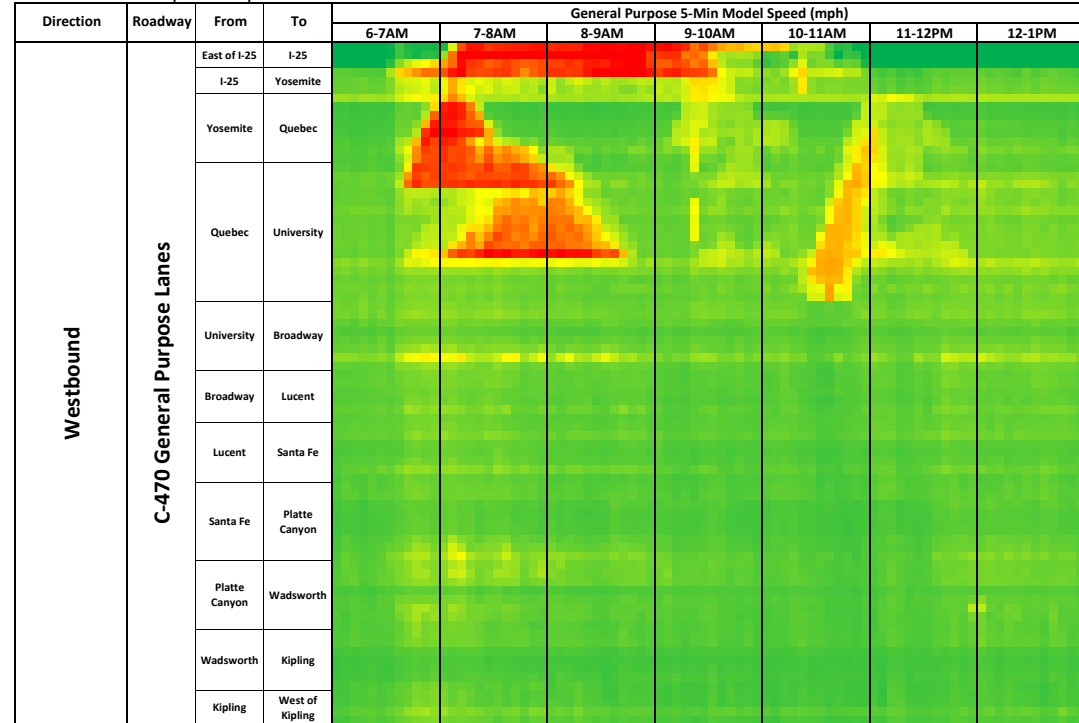


Table 5c  
Eastbound Managed Lane Speed

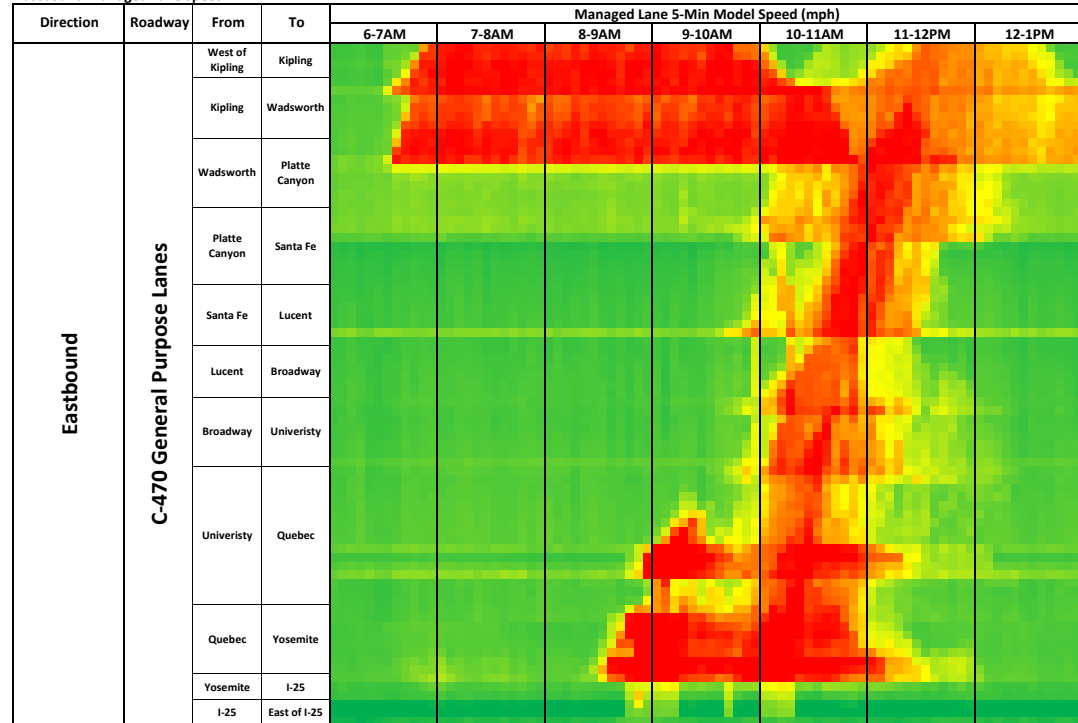


Table 5d  
Eastbound General Purpose Lane Speed

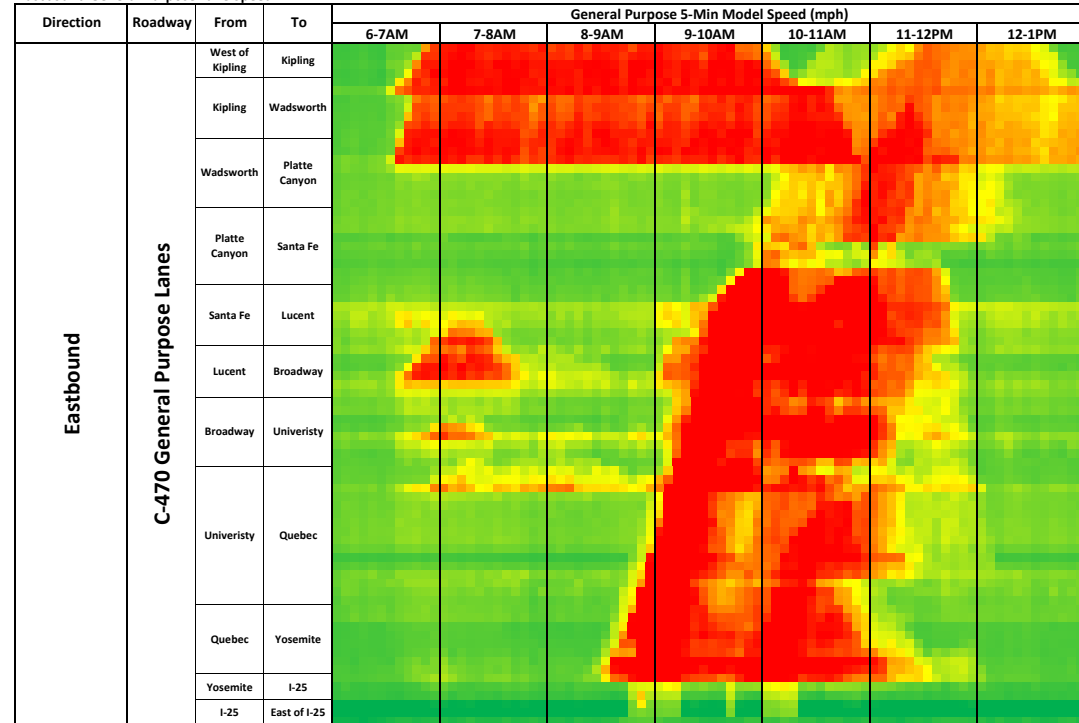


Table 5e  
NB I-25 Speed

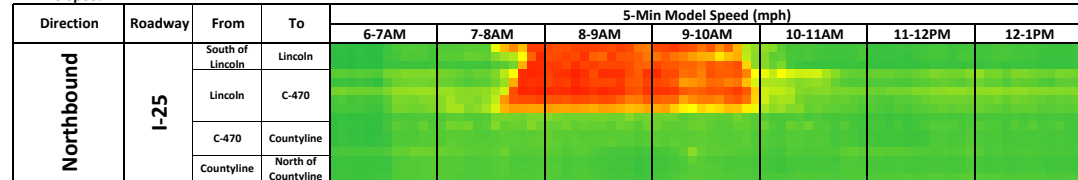


Table 5f  
SB I-25 Speed

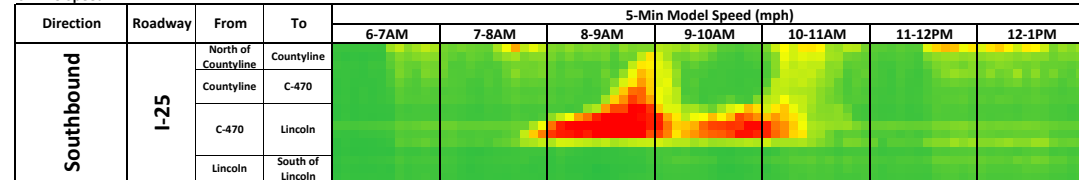


Table 6a  
Westbound Managed Lane Volume

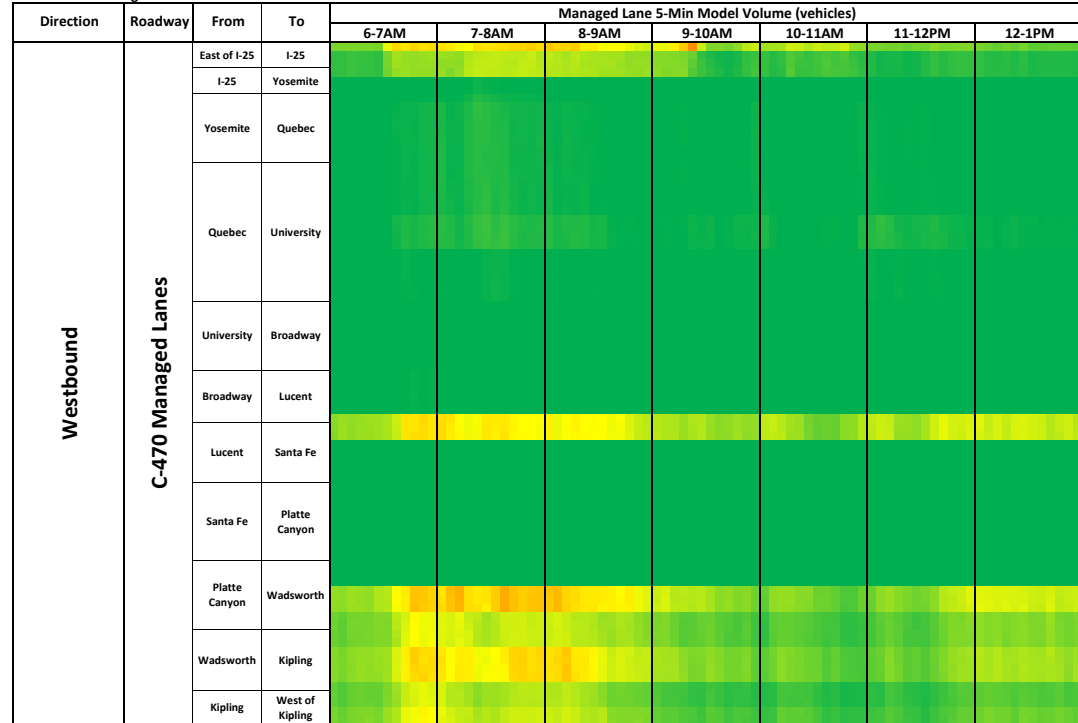


Table 6b  
Westbound General Purpose Lane Volume

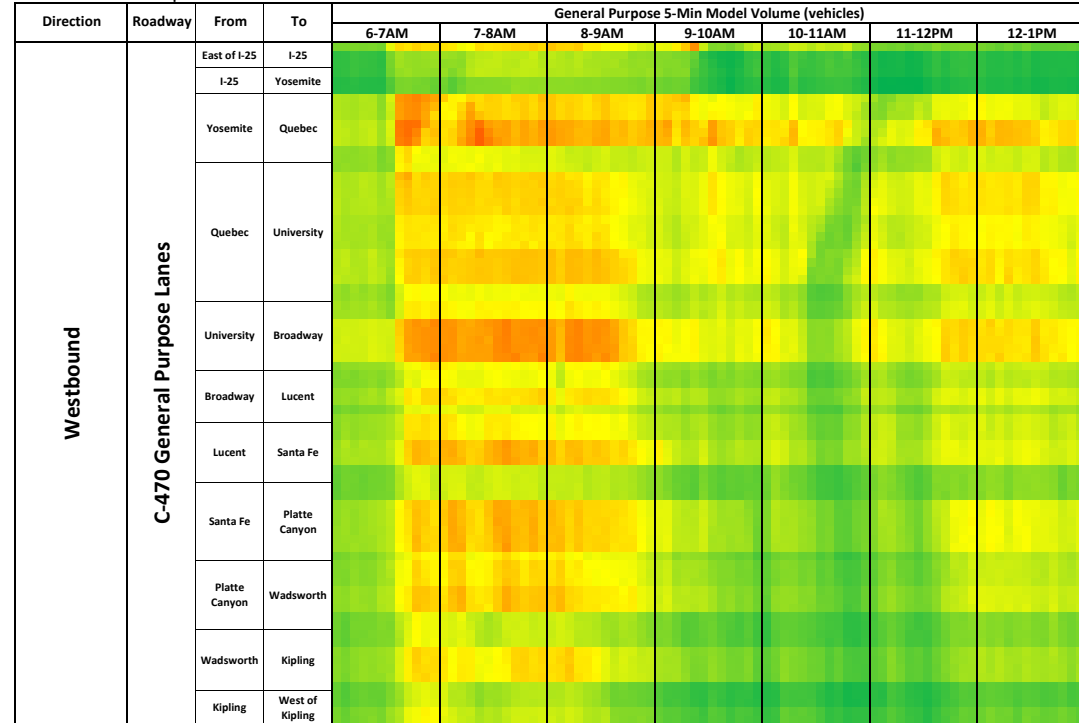


Table 6c  
Eastbound Managed Lane Volume

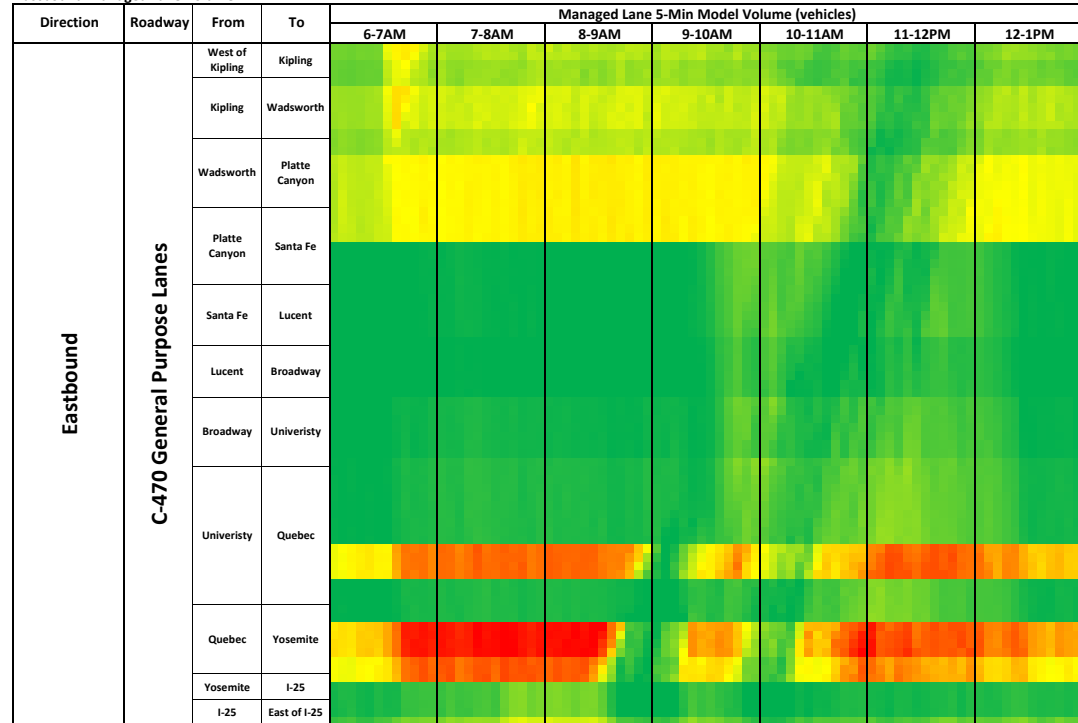


Table 6d  
Eastbound General Purpose Lane Volume

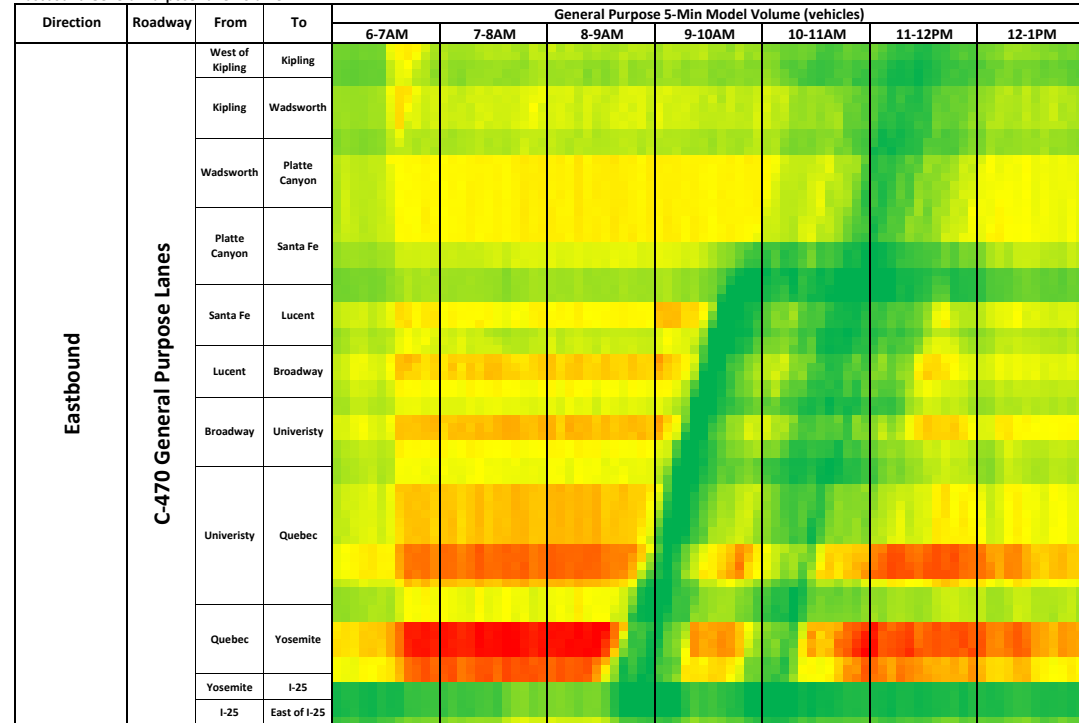


Table 6e  
NB I-25 Volume

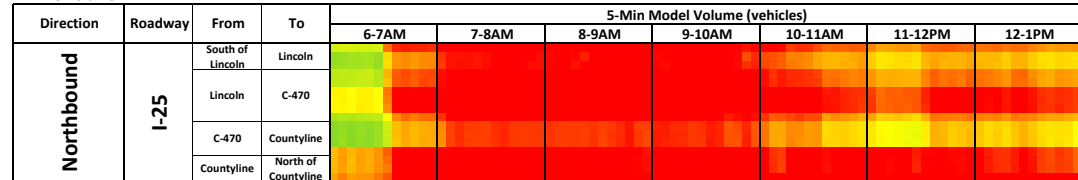
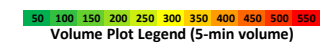
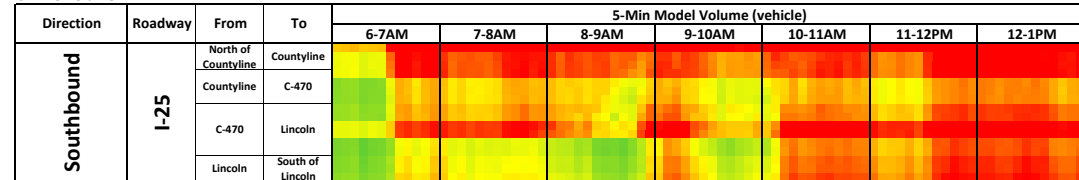


Table 6f  
SB I-25 Volume



## **Appendix E-6**

### **Option C Interim Fixed Pricing II 2035 PM**

**Table 1**  
**Network Summary**

Run#	Total VMT (veh-mi)	Total VHT (veh-hr)	Avg Spd (mph)	Avg Delay (s)	Latent Demand	Total Revenue (2013\$)
run1	1,847,264	55,795	33.11	174	15,402	\$45,973
run2	1,838,264	56,444	32.57	181	17,354	\$47,048
run3	1,839,150	56,939	32.30	186	19,484	\$47,166
run4	1,842,420	56,467	32.63	181	17,340	\$48,118
run5	1,843,368	56,528	32.61	181	17,186	\$50,224
run6						
run7						
run8						
run9						
run10						
Average	1,842,093	56,435	32.64	180	17,353	\$47,706

Revenue and Transaction by User Class

	Transponder	License Plate	Total
Revenue	\$32,515.10	\$15,190.50	\$47,705.60
Transaction	13,767	4,804	18,571
Avg Toll	\$2.36	\$3.16	\$2.57

Minimum Number of Runs Needed:

	Mean	Speed (mph)	Revenue (\$)
		32.64	47,706
Standard Deviation		0.29	1600
Target Error %	1.0%	4	44
	2.5%	1	7
	3.5%	1	4
	5.0%	1	2
	10.0%	1	1

**Table 2a**  
**Westbound Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)														
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00	
<b>WB C-470 - Managed Lane</b>	I-25	Yosemite	0.622	0.6	0.6	0.9	6.1	2.4	1.5	2.2	1.5	2.0	0.9	1.5	2.6	2.3	1.3	
	Yosemite	Quebec	1.401	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.5	1.5	1.5	
	Quebec	Colorado	2.063	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.8	4.4	2.2	2.3	2.3	
	Colorado	University	1.030	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.2	
	University	Broadway	1.489	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.7	1.7
	Broadway	Lucent	1.181	1.3	1.3	1.3	1.4	1.4	1.3	1.4	1.4	1.4	1.5	1.6	1.5	1.3	1.3	1.3
	Lucent	Santa Fe	1.403	1.5	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.7	1.6	1.6	1.5	1.5	1.5
	Santa Fe	Platte Canyon	1.581	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.8	1.9	1.8	1.7	1.7
	Platte Canyon	Wadsworth	1.529	1.6	1.6	1.7	1.7	1.8	1.8	1.8	1.9	2.1	2.0	2.1	1.7	1.6	1.6	
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	
	Total		13.754	14.6	14.6	15.2	20.8	17.1	16.1	16.8	16.3	17.2	16.5	18.6	16.7	16.4	15.4	
<b>WB C-470 - General Purpose Lanes</b>	I-25	Yosemite	0.622	0.6	2.4	11.0	25.4	21.3	12.2	14.3	7.9	9.5	2.7	4.3	7.0	11.2	7.8	
	Yosemite	Quebec	1.401	5.3	8.3	9.1	11.4	9.8	9.2	9.5	9.3	8.3	5.0	5.1	7.5	8.9	6.3	
	Quebec	Colorado	2.063	4.0	5.0	6.8	7.6	7.8	8.2	7.8	7.5	6.8	11.1	6.5	6.2	7.3	7.2	
	Colorado	University	1.030	1.2	1.4	1.4	1.4	1.4	1.4	1.4	1.5	3.0	7.2	2.6	1.4	1.4	1.4	
	University	Broadway	1.489	1.6	1.6	1.6	1.6	1.7	1.7	1.7	3.0	7.2	7.6	3.4	1.6	1.6	1.6	
	Broadway	Lucent	1.181	1.2	1.2	1.3	1.3	1.3	1.3	1.6	4.8	7.7	5.9	2.7	1.2	1.2	1.2	
	Lucent	Santa Fe	1.403	1.5	1.5	1.5	1.5	1.6	2.8	4.7	7.1	7.5	6.0	5.1	2.0	1.4	1.5	
	Santa Fe	Platte Canyon	1.581	1.7	1.7	1.8	2.2	3.2	5.1	5.4	5.8	5.6	5.1	5.6	6.6	3.6	2.8	
	Platte Canyon	Wadsworth	1.529	1.6	1.6	1.7	1.8	1.9	2.0	2.0	2.1	2.4	2.3	2.3	1.7	1.6	1.5	
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	
	Total		13.540	20.1	26.1	37.6	55.6	51.5	45.4	50.1	50.7	59.4	54.5	39.1	36.5	39.7	32.6	
<b>WB C-470 - Travel Time Saving</b>	I-25	Yosemite	0.622	0.0	1.8	10.1	19.2	18.8	10.7	12.1	6.5	7.5	1.9	2.9	4.4	8.9	6.5	
	Yosemite	Quebec	1.401	3.9	6.8	7.6	9.8	8.3	7.7	8.1	7.9	6.9	3.6	3.6	6.0	7.4	4.8	
	Quebec	Colorado	2.063	1.7	2.7	4.5	5.3	5.4	5.9	5.6	5.2	4.5	8.3	2.1	4.0	5.1	4.9	
	Colorado	University	1.030	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.3	1.8	6.0	1.4	0.3	0.2	0.3	
	University	Broadway	1.489	-0.1	-0.1	-0.1	-0.1	-0.1	0.0	0.0	1.3	5.5	5.8	1.7	-0.1	-0.1	-0.1	
	Broadway	Lucent	1.181	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.3	3.4	6.1	4.3	1.2	-0.1	-0.1	-0.1	
	Lucent	Platte Canyon	1.403	0.0	0.0	0.1	0.0	0.1	1.3	3.2	5.6	5.8	4.3	3.5	0.4	0.0	0.0	
	Platte Canyon	Santa Fe	1.581	0.0	0.0	0.1	0.4	1.4	3.3	3.6	4.0	3.7	3.3	3.8	4.8	1.8	1.1	
	Santa Fe	Wadsworth	1.529	-0.1	0.0	0.0	0.0	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.0	0.0	-0.1	
	Wadsworth	Kipling	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Total		13.540	5.5	11.5	22.4	34.8	34.3	29.3	33.3	34.4	42.2	38.0	20.5	19.8	23.2	17.2	

**Table 2b**  
**Eastbound Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>EB C-470 - Managed Lane</b>	Kipling	Wadsworth	1.454	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.4	1.5	1.5	1.5	1.5	1.4	1.4
	Wadsworth	Platte Canyon	1.530	1.5	1.5	1.5	1.6	1.7	1.7	1.6	1.6	1.6	1.7	1.7	1.7	1.5	1.4
	Platte Canyon	Santa Fe	1.569	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Santa Fe	Lucent	1.403	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Lucent	Broadway	1.204	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	Broadway	University	1.473	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	University	Colorado	1.026	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Colorado	Quebec	2.068	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	2.0	2.0	2.0	2.0	1.9
	Quebec	Yosemite	1.388	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>13.2</b>	<b>13.2</b>	<b>13.2</b>	<b>13.3</b>	<b>13.5</b>	<b>13.6</b>	<b>13.4</b>	<b>13.1</b>	<b>13.3</b>	<b>13.4</b>	<b>13.5</b>	<b>13.4</b>	<b>13.1</b>	<b>12.8</b>
<b>EB C-470 - General Purpose Lanes</b>	Kipling	Wadsworth	1.454	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.4	1.5	1.5	1.5	1.5	1.4	1.4
	Wadsworth	Platte Canyon	1.530	1.5	1.5	1.5	1.6	1.7	1.7	1.6	1.6	1.6	1.7	1.7	1.7	1.5	1.4
	Platte Canyon	Santa Fe	1.569	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5
	Santa Fe	Lucent	1.403	1.5	1.5	1.5	1.5	1.6	1.6	1.5	1.4	1.5	1.5	1.6	1.5	1.4	1.3
	Lucent	Broadway	1.204	1.2	1.2	1.2	1.3	1.3	1.4	1.3	1.2	1.2	1.2	1.3	1.2	1.2	1.2
	Broadway	University	1.473	1.6	1.5	1.5	1.6	1.7	1.8	1.6	1.5	1.5	1.5	1.8	1.7	1.5	1.4
	University	Colorado	1.026	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.1	1.0	1.0	1.2	1.2	1.0	1.0
	Colorado	Quebec	2.068	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.2	2.1	2.0
	Quebec	Yosemite	1.388	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.4	1.4	1.4	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>14.0</b>	<b>13.9</b>	<b>13.9</b>	<b>14.3</b>	<b>14.7</b>	<b>15.0</b>	<b>14.4</b>	<b>13.9</b>	<b>14.0</b>	<b>14.1</b>	<b>14.7</b>	<b>14.6</b>	<b>13.6</b>	<b>13.1</b>
<b>EB C-470 - Travel Time Saving</b>	Kipling	Wadsworth	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Wadsworth	Platte Canyon	1.530	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Platte Canyon	Santa Fe	1.569	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
	Santa Fe	Lucent	1.403	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.0
	Lucent	Broadway	1.204	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.0
	Broadway	University	1.473	0.1	0.1	0.1	0.2	0.3	0.3	0.2	0.1	0.1	0.1	0.3	0.3	0.1	0.0
	University	Colorado	1.026	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.0	0.2	0.2	0.0	0.0
	Colorado	Quebec	2.068	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.1	0.1
	Quebec	Yosemite	1.388	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0
	Yosemite	I-25	0.635	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>Total</b>		<b>13.749</b>	<b>0.8</b>	<b>0.7</b>	<b>0.7</b>	<b>1.0</b>	<b>1.2</b>	<b>1.4</b>	<b>1.0</b>	<b>0.8</b>	<b>0.7</b>	<b>0.7</b>	<b>1.3</b>	<b>1.1</b>	<b>0.5</b>	<b>0.3</b>

**Table 2c**  
**I-25 Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>NB I-25</b>	Lincoln	C-470	1.323	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	C-470	Countyline	0.761	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
	Total		2.084	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
<b>SB I-25</b>	Countyline	C-470	0.761	0.8	0.8	0.8	0.9	1.0	1.0	1.0	1.0	0.9	0.9	1.0	0.9	1.0	0.9
	C-470	Lincoln	1.323	1.3	1.3	1.4	1.4	1.5	1.6	1.5	1.5	1.5	1.6	1.9	1.5	1.5	1.4
	Total		2.084	2.2	2.2	2.2	2.3	2.5	2.6	2.5	2.5	2.4	2.5	2.9	2.4	2.5	2.2

**Table 2d**  
**NB/SB I-25 Ramp to C-470 WB Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>NB I-25 - General Purpose</b>	Lincoln	Yosemite	1.963	2.3	2.9	3.2	4.3	4.2	3.8	3.6	3.5	3.4	2.9	3.1	3.3	3.2	2.6
	Yosemite	Quebec	1.402	5.3	8.3	9.1	11.4	9.8	9.2	9.5	9.3	8.3	5.0	5.1	7.5	8.9	6.3
	Total		3.365	7.7	11.2	12.3	15.6	14.0	13.0	13.2	12.8	11.7	8.0	8.1	10.8	12.1	8.9
<b>NB I-25 - Managed Lane</b>	Lincoln	Yosemite	1.967	2.3	2.3	2.3	2.4	2.7	2.8	2.7	2.8	2.6	2.6	2.6	2.5	2.3	2.2
	Yosemite	Quebec	1.398	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	Total		3.364	3.9	3.9	3.9	4.0	4.2	4.4	4.3	4.3	4.2	4.2	4.2	4.1	3.9	3.8
<b>SB I-25 - General Purpose</b>	Countyline	Yosemite	1.142	1.3	2.0	2.5	4.6	3.6	2.9	2.8	2.4	2.4	1.8	1.9	2.3	2.6	1.9
	Yosemite	Quebec	1.402	5.3	8.3	9.1	11.4	9.8	9.2	9.5	9.3	8.3	5.0	5.1	7.5	8.9	6.3
	Total		2.544	6.6	10.2	11.6	15.9	13.4	12.1	12.3	11.7	10.7	6.8	7.0	9.8	11.6	8.2
<b>SB I-25 - Managed Lane</b>	Countyline	Yosemite	1.187	1.3	1.3	1.3	1.4	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	Yosemite	Quebec	1.398	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.5	1.5	1.5
	Total		2.585	2.8	2.8	2.8	3.0	3.0	2.9	2.9	2.9	2.9	2.8	2.9	2.8	2.9	2.9







Table 5a  
Westbound Managed Lane Speed

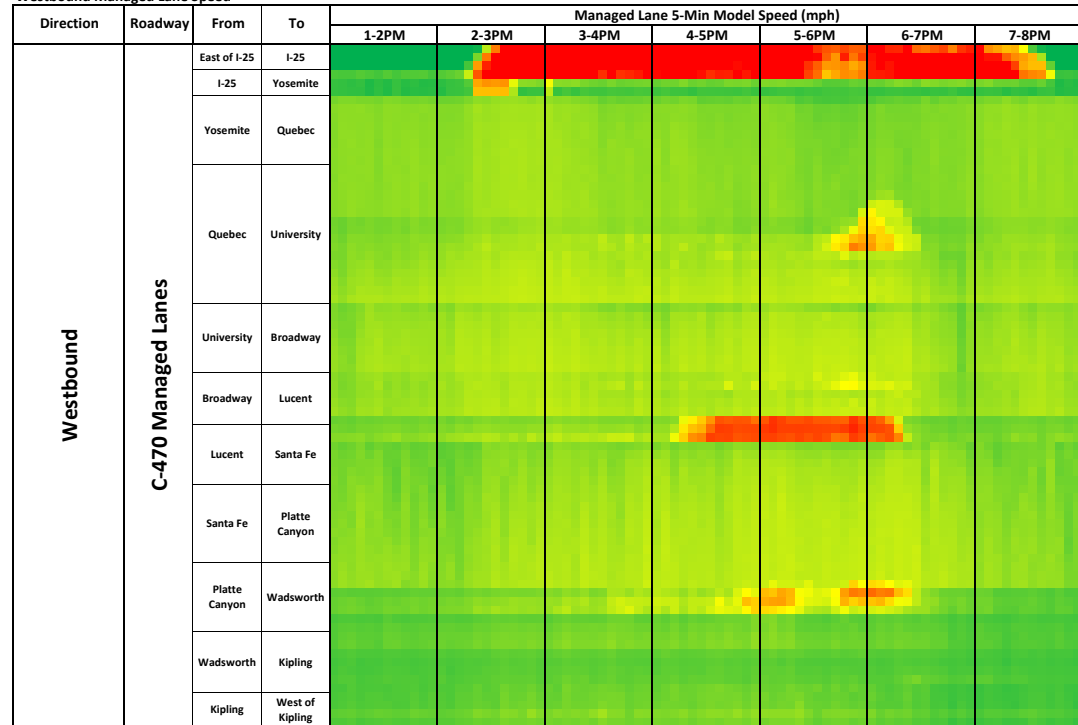


Table 5b  
Westbound General Purpose Lane Speed

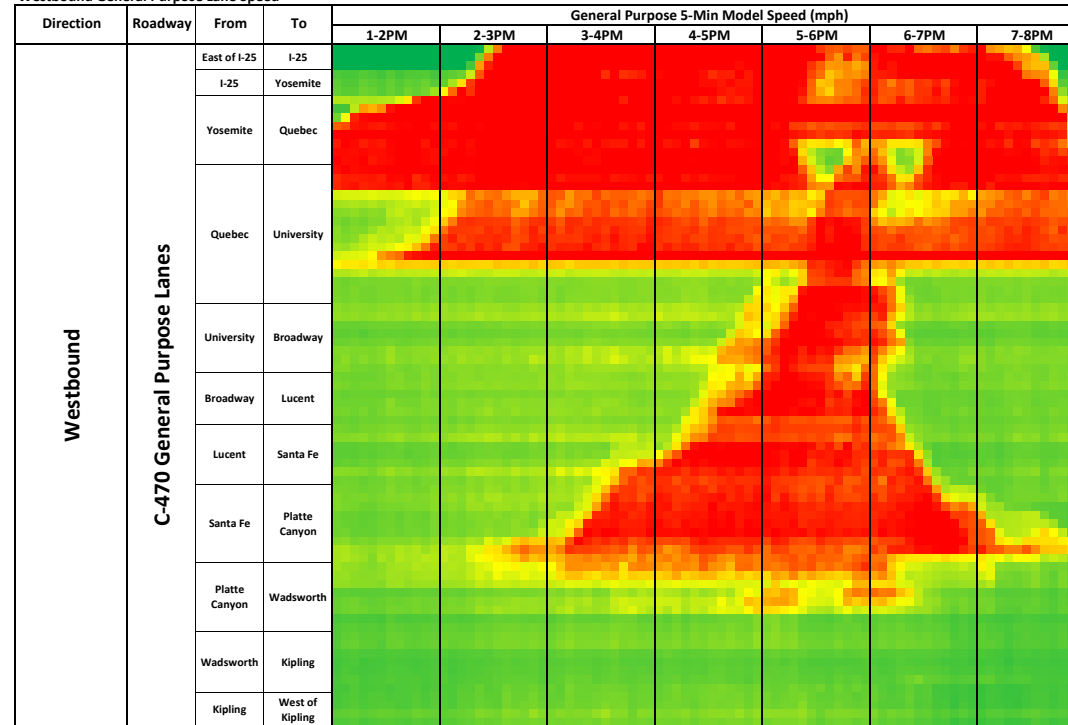


Table 5c  
Eastbound Managed Lane Speed

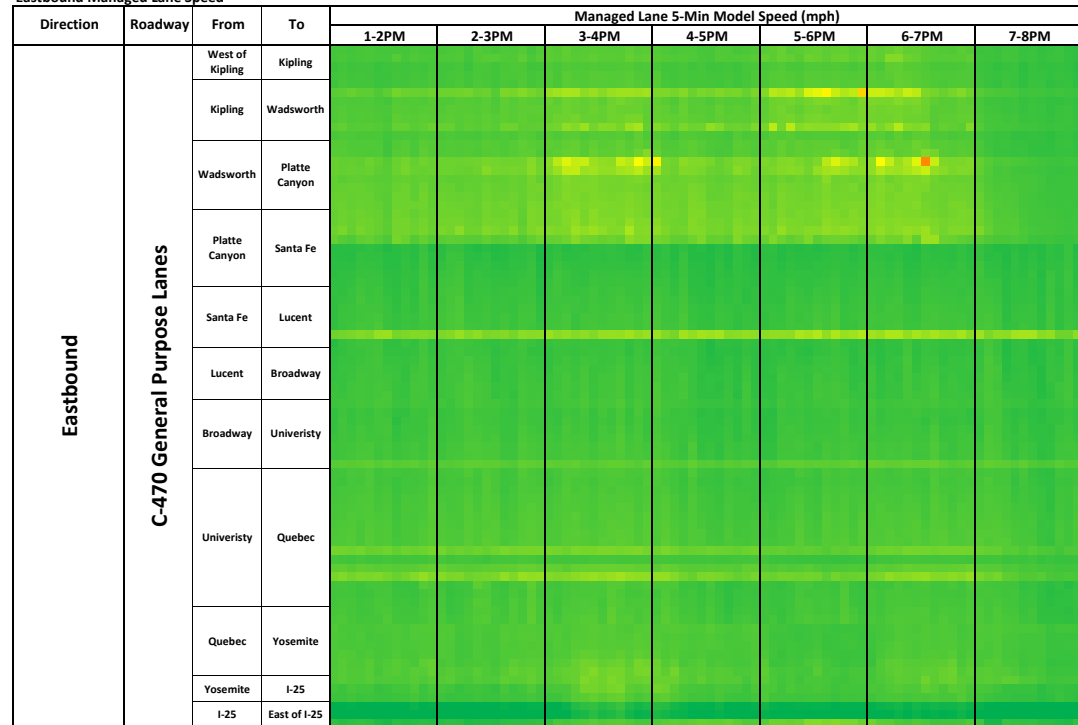


Table 5d  
Eastbound General Purpose Lane Speed

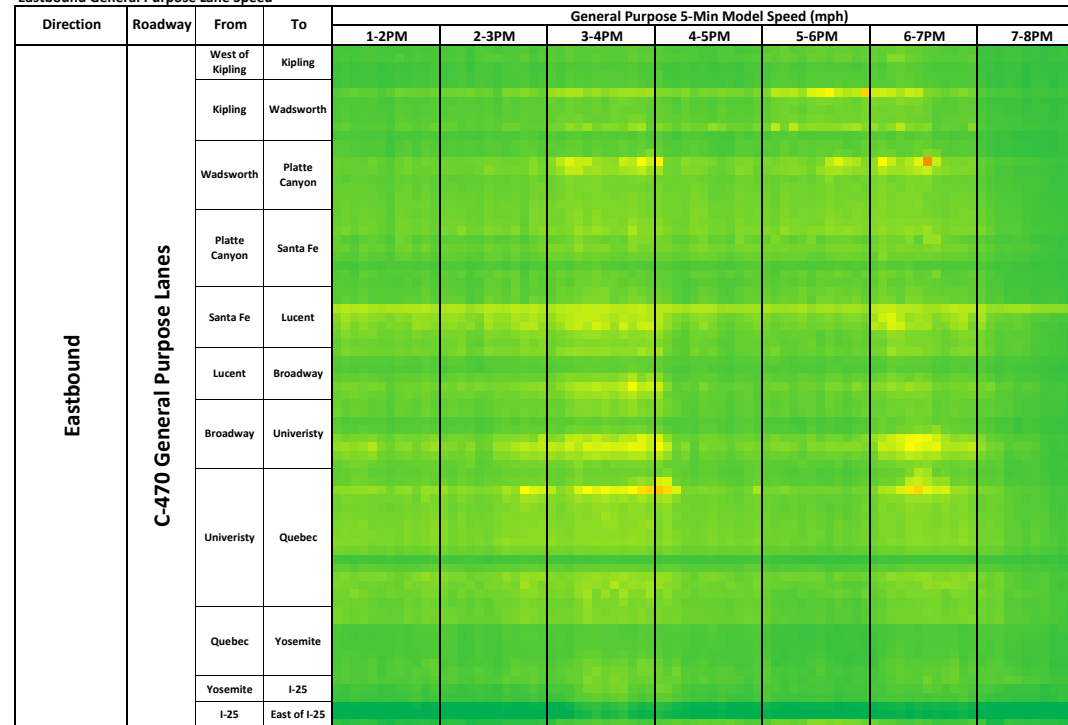


Table 5e  
NB I-25 Speed

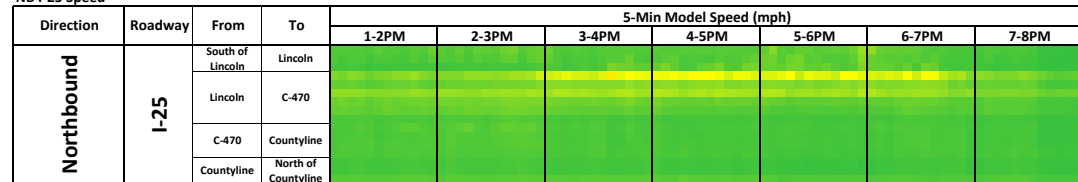


Table 5f  
SB I-25 Speed

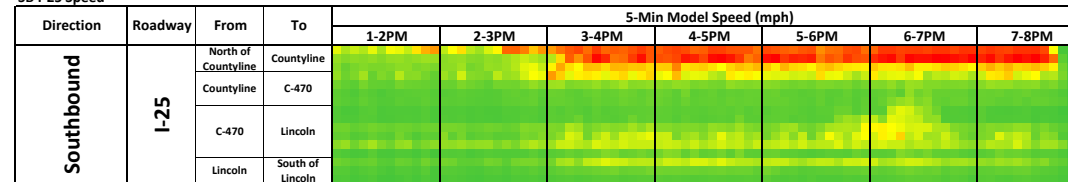


Table 6a  
Westbound Managed Lane Volume

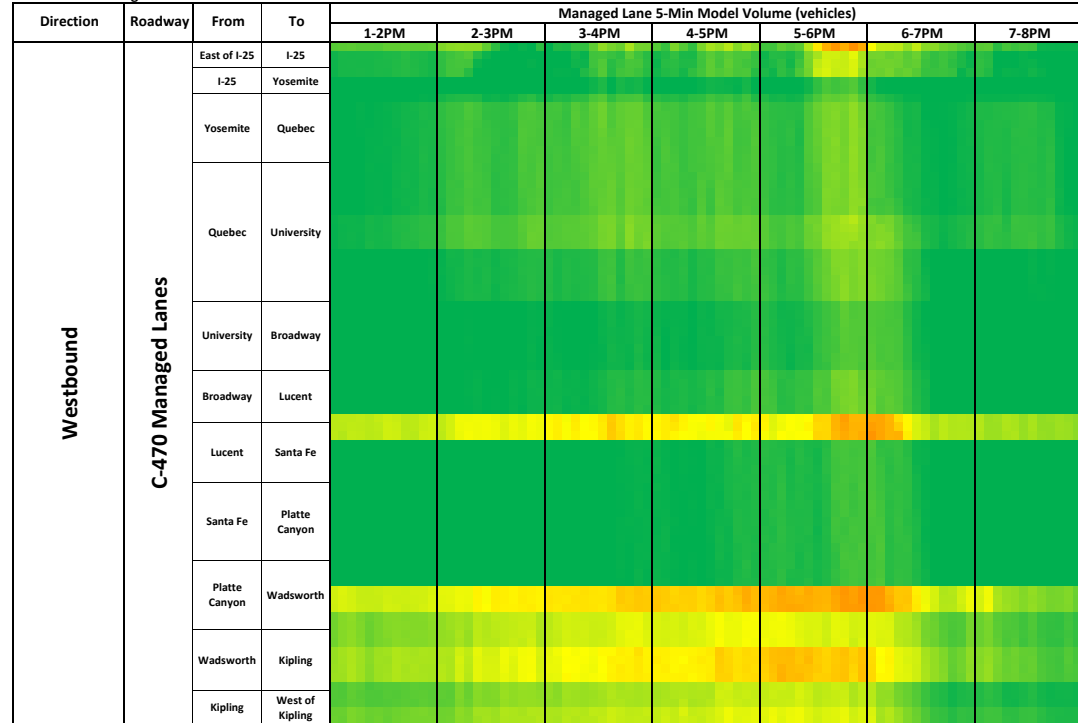


Table 6b  
Westbound General Purpose Lane Volume

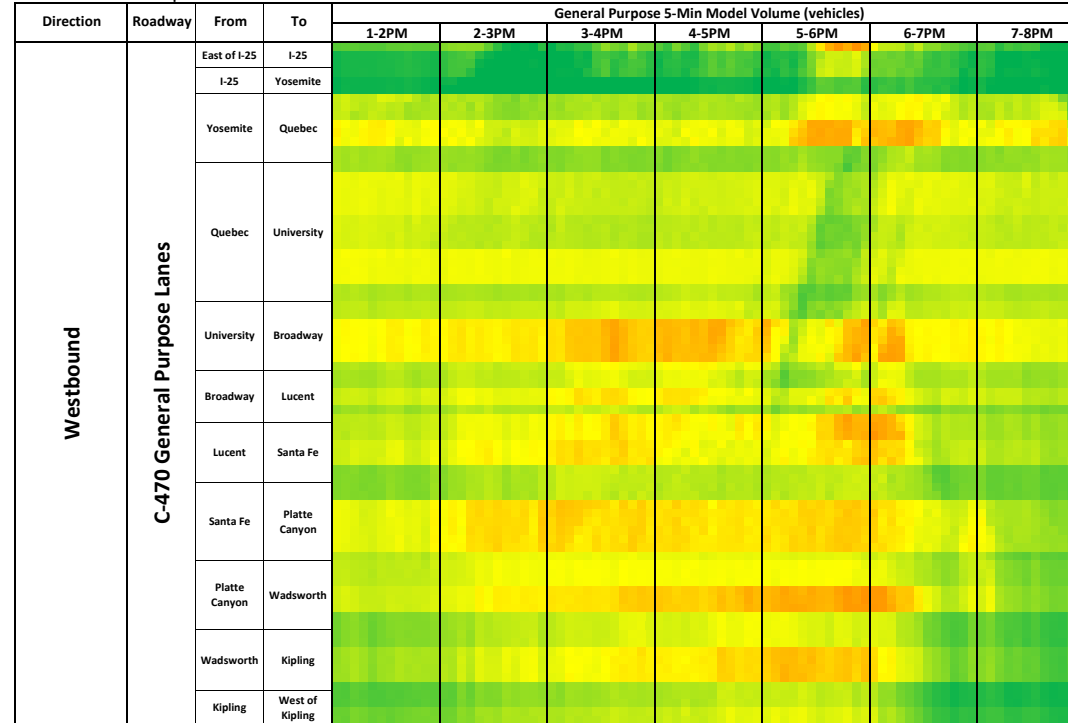


Table 6c  
Eastbound Managed Lane Volume

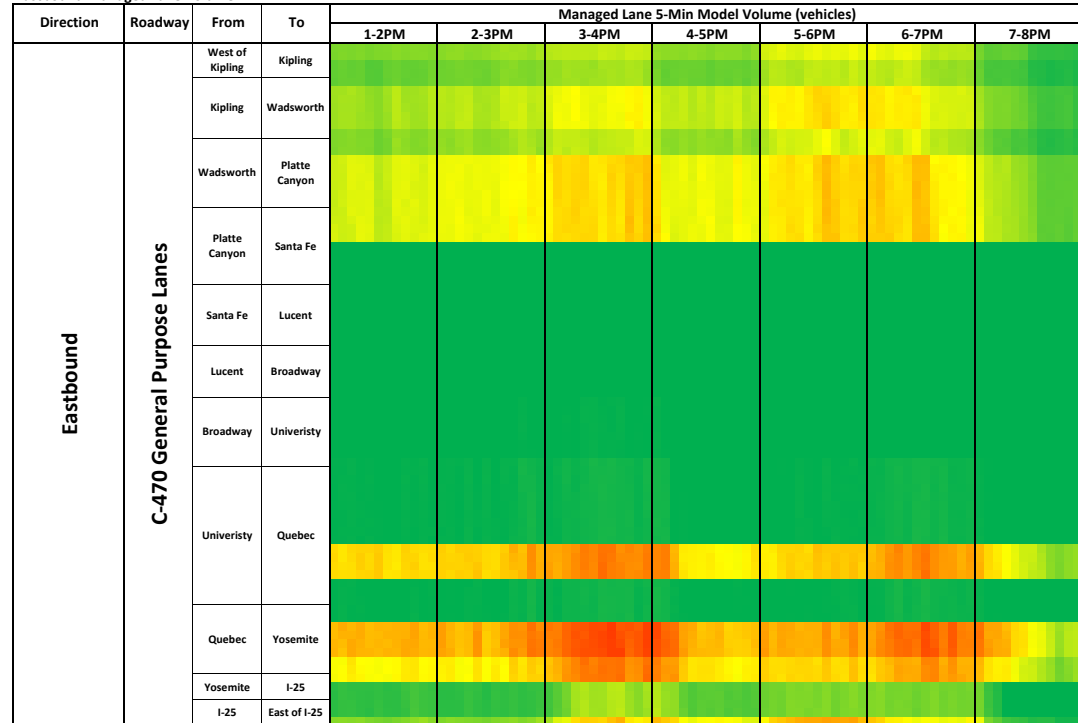


Table 6d  
Eastbound General Purpose Lane Volume

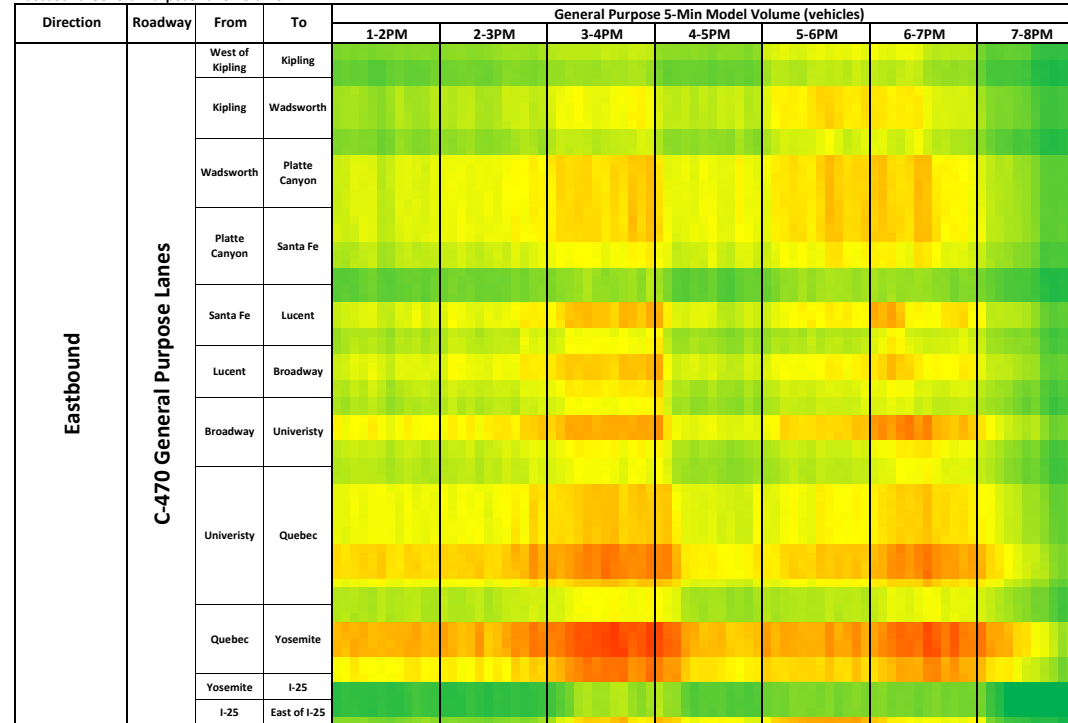


Table 6e  
NB I-25 Volume

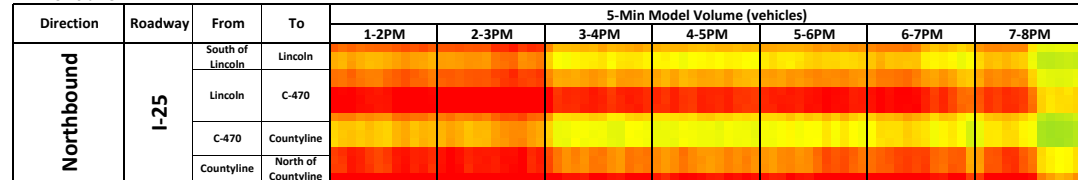
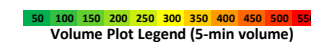
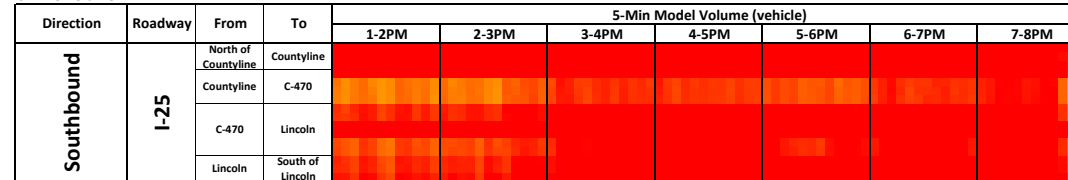


Table 6f  
SB I-25 Volume



## **Appendix F-1**

### **Option C Interim Fixed Pricing III 2018 AM**

**Table 1**  
**Network Summary**

Run#	Total VMT (veh-mi)	Total VHT (veh-hr)	Avg Spd (mph)	Avg Delay (s)	Latent Demand	Total Revenue (2013\$)
run1	1,432,211	32,379	44.23	73	3,799	\$19,914
run2	1,439,005	33,220	43.32	81	3,410	\$20,528
run3	1,436,882	32,670	43.98	75	3,627	\$21,404
run4	1,434,411	32,619	43.97	75	3,618	\$20,658
run5	1,438,748	32,888	43.75	77	3,876	\$19,821
run6						
run7						
run8						
run9						
run10						
Average	1,436,251	32,755	43.85	76	3,666	\$20,465

Revenue and Transaction by User Class

	Transponder	License Plate	Total
Revenue	\$9,799.10	\$10,665.75	\$20,464.85
Transaction	4,236	3,530	7,766
Avg Toll	\$2.31	\$3.02	\$2.64

Minimum Number of Runs Needed:

	Mean	Speed (mph)	Revenue (\$)
		43.85	20,465
Standard Deviation		0.34	640
Target Error %	1.0%	3	38
	2.5%	1	7
	3.5%	1	4
	5.0%	1	2
	10.0%	1	1

**Table 2a**  
**Westbound Travel Time**

Direction	From	To	Distance (mi)	Model Travel Time (mins)													
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00
<b>WB C-470 - Managed Lane</b>	I-25	Yosemite	0.622	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	Yosemite	Quebec	1.401	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.5	1.5	1.5
	Quebec	Colorado	2.063	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	Colorado	University	1.030	1.0	1.1	1.1	1.1	1.1	1.0	1.0	1.1	1.1	1.0	1.0	1.1	1.0	1.0
	University	Broadway	1.489	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.5
	Broadway	Lucent	1.181	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2
	Lucent	Santa Fe	1.403	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.4	1.5	1.5	1.4
	Santa Fe	Platte Canyon	1.581	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.6	1.7	1.7	1.7
	Platte Canyon	Wadsworth	1.529	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	Wadsworth	Kipling	1.454	1.4	1.4	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	<b>Total</b>		<b>13.754</b>	<b>13.7</b>	<b>14.0</b>	<b>14.1</b>	<b>14.0</b>	<b>13.9</b>	<b>13.7</b>	<b>14.1</b>	<b>14.1</b>	<b>14.1</b>	<b>14.0</b>	<b>14.1</b>	<b>14.3</b>	<b>14.1</b>	
<b>WB C-470 - General Purpose Lanes</b>	I-25	Yosemite	0.622	0.6	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	Yosemite	Quebec	1.401	1.3	2.2	4.5	1.8	1.5	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.4
	Quebec	Colorado	2.063	2.0	3.2	5.5	5.8	4.5	2.4	2.1	2.0	2.1	2.0	2.0	2.1	2.1	2.1
	Colorado	University	1.030	1.0	1.2	1.4	1.3	1.3	1.2	1.1	1.0	1.1	1.0	1.0	1.1	1.1	1.1
	University	Broadway	1.489	1.5	1.7	1.7	1.6	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Broadway	Lucent	1.181	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.1	1.2	1.2	1.2
	Lucent	Santa Fe	1.403	1.4	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	Santa Fe	Platte Canyon	1.581	1.5	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Platte Canyon	Wadsworth	1.529	1.5	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Wadsworth	Kipling	1.454	1.4	1.4	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	<b>Total</b>		<b>13.540</b>	<b>13.5</b>	<b>16.4</b>	<b>21.1</b>	<b>18.4</b>	<b>16.5</b>	<b>14.2</b>	<b>13.7</b>	<b>13.4</b>	<b>13.5</b>	<b>13.4</b>	<b>13.4</b>	<b>13.6</b>	<b>13.7</b>	
<b>WB C-470 - Travel Time Saving</b>	I-25	Yosemite	0.622	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.1
	Yosemite	Quebec	1.401	0.0	0.8	3.2	0.4	0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
	Quebec	Colorado	2.063	-0.1	1.0	3.4	3.7	2.4	0.3	-0.1	-0.2	-0.1	-0.2	-0.1	-0.1	-0.1	-0.1
	Colorado	University	1.030	0.0	0.2	0.3	0.3	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0
	University	Broadway	1.489	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0
	Broadway	Lucent	1.181	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
	Lucent	Platte Canyon	1.403	0.0	0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
	Platte Canyon	Santa Fe	1.581	0.0	0.0	0.0	0.0	-0.1	0.0	-0.2	-0.2	-0.1	-0.1	-0.2	-0.2	-0.1	-0.1
	Santa Fe	Wadsworth	1.529	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
	Wadsworth	Kipling	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>Total</b>		<b>13.540</b>	<b>-0.1</b>	<b>2.4</b>	<b>7.0</b>	<b>4.4</b>	<b>2.6</b>	<b>0.5</b>	<b>-0.4</b>	<b>-0.7</b>	<b>-0.6</b>	<b>-0.6</b>	<b>-0.7</b>	<b>-0.7</b>	<b>-0.4</b>	

**Table 2b**  
**Eastbound Travel Time**

Direction	From	To	Distance (mi)	Model Travel Time (mins)													
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00
<b>EB C-470 - Managed Lane</b>	Kipling	Wadsworth	1.454	1.4	3.4	7.0	6.5	6.1	5.4	6.3	3.6	1.4	1.4	1.4	1.4	1.4	1.4
	Wadsworth	Platte Canyon	1.530	1.5	2.8	3.3	3.3	3.0	3.0	3.2	2.7	1.5	1.5	1.5	1.5	1.5	1.5
	Platte Canyon	Santa Fe	1.569	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Santa Fe	Lucent	1.403	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Lucent	Broadway	1.204	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	Broadway	University	1.473	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	University	Colorado	1.026	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Colorado	Quebec	2.068	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9
	Quebec	Yosemite	1.388	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>13.1</b>	<b>16.4</b>	<b>20.7</b>	<b>20.1</b>	<b>19.4</b>	<b>18.6</b>	<b>19.8</b>	<b>16.5</b>	<b>13.0</b>	<b>12.9</b>	<b>12.9</b>	<b>13.0</b>	<b>13.0</b>	<b>12.9</b>
<b>EB C-470 - General Purpose Lanes</b>	Kipling	Wadsworth	1.454	1.4	3.4	7.0	6.5	6.1	5.4	6.3	3.6	1.4	1.4	1.4	1.4	1.4	1.4
	Wadsworth	Platte Canyon	1.530	1.5	2.8	3.3	3.3	3.0	3.0	3.2	2.7	1.5	1.5	1.5	1.5	1.5	1.5
	Platte Canyon	Santa Fe	1.569	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.6	1.6	1.6
	Santa Fe	Lucent	1.403	1.5	1.8	2.5	1.7	1.5	1.6	1.8	1.6	1.5	1.4	1.4	1.5	1.5	1.5
	Lucent	Broadway	1.204	1.3	1.8	3.8	2.6	1.3	1.4	1.4	1.4	1.2	1.2	1.2	1.2	1.3	1.2
	Broadway	University	1.473	1.5	2.1	3.0	3.3	3.3	2.0	3.2	2.7	1.5	1.5	1.5	1.5	1.5	1.5
	University	Colorado	1.026	1.0	1.5	2.1	2.1	2.4	2.0	2.0	1.8	1.1	1.0	1.0	1.0	1.1	1.0
	Colorado	Quebec	2.068	2.1	2.2	2.2	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1
	Quebec	Yosemite	1.388	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.4	1.4	1.3	1.3	1.4	1.4	1.4
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>14.0</b>	<b>19.2</b>	<b>27.5</b>	<b>25.2</b>	<b>23.2</b>	<b>21.1</b>	<b>23.7</b>	<b>19.6</b>	<b>13.9</b>	<b>13.6</b>	<b>13.6</b>	<b>13.9</b>	<b>13.9</b>	<b>13.8</b>
<b>EB C-470 - Travel Time Saving</b>	Kipling	Wadsworth	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Wadsworth	Platte Canyon	1.530	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Platte Canyon	Santa Fe	1.569	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	Santa Fe	Lucent	1.403	0.2	0.5	1.2	0.4	0.2	0.2	0.5	0.3	0.2	0.1	0.1	0.2	0.2	0.2
	Lucent	Broadway	1.204	0.1	0.7	2.7	1.5	0.2	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1
	Broadway	University	1.473	0.1	0.7	1.5	1.8	1.9	0.6	1.8	1.3	0.1	0.1	0.1	0.1	0.2	0.1
	University	Colorado	1.026	0.1	0.5	1.1	1.1	1.4	1.0	1.0	0.9	0.1	0.1	0.1	0.1	0.1	0.1
	Colorado	Quebec	2.068	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	Quebec	Yosemite	1.388	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	Yosemite	I-25	0.635	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>Total</b>		<b>13.749</b>	<b>1.0</b>	<b>2.8</b>	<b>6.8</b>	<b>5.1</b>	<b>3.8</b>	<b>2.5</b>	<b>3.9</b>	<b>3.1</b>	<b>0.9</b>	<b>0.7</b>	<b>0.7</b>	<b>0.9</b>	<b>1.0</b>	<b>0.9</b>









Table 5a  
Westbound Managed Lane Speed

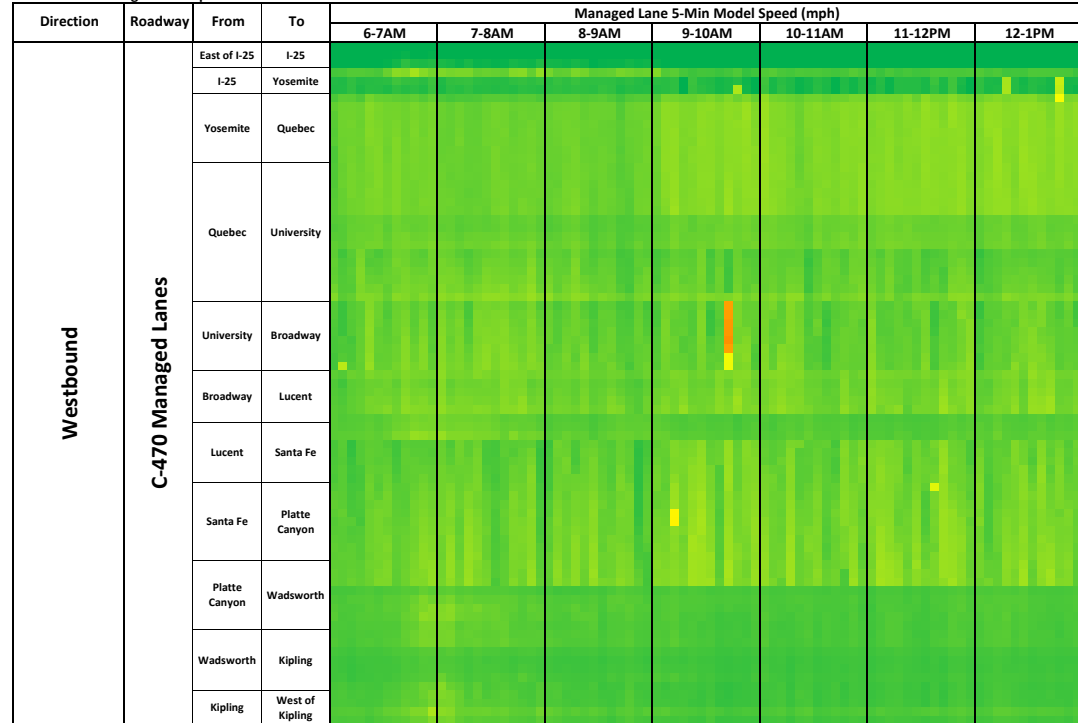


Table 5b  
Westbound General Purpose Lane Speed

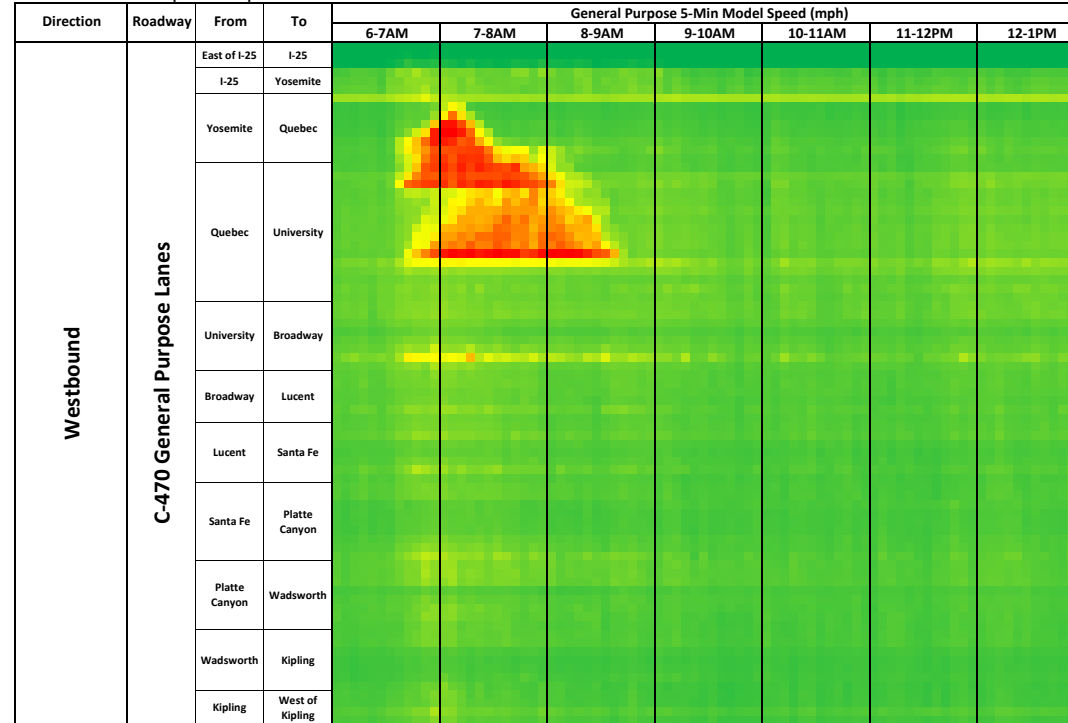


Table 5c  
Eastbound Managed Lane Speed

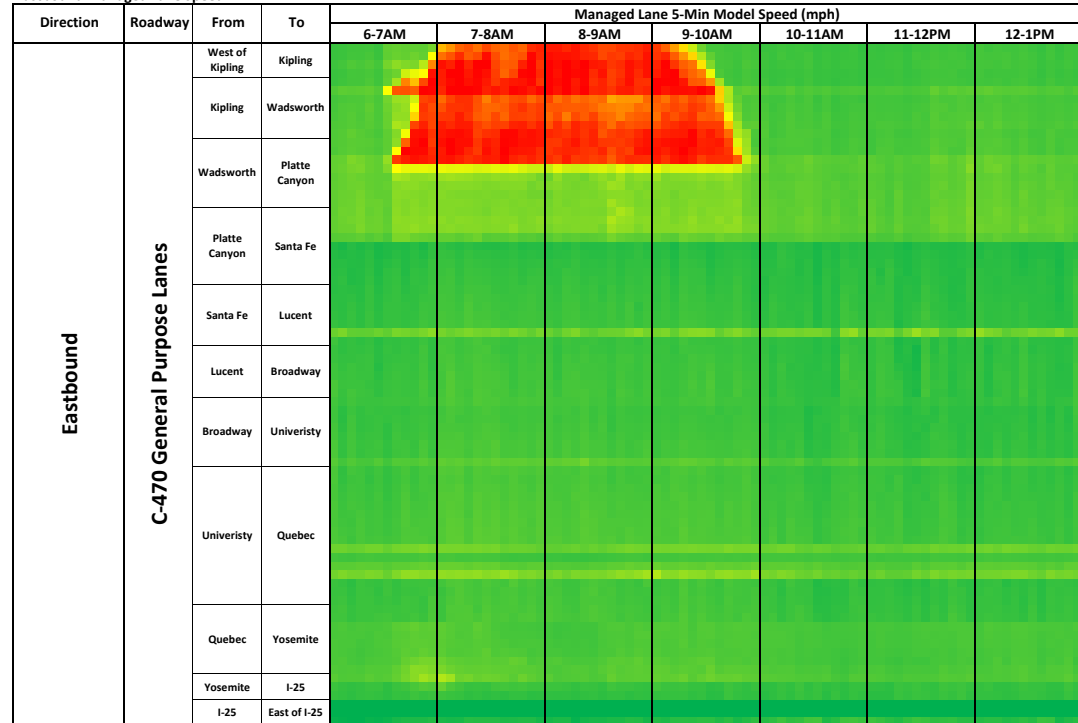


Table 5d  
Eastbound General Purpose Lane Speed

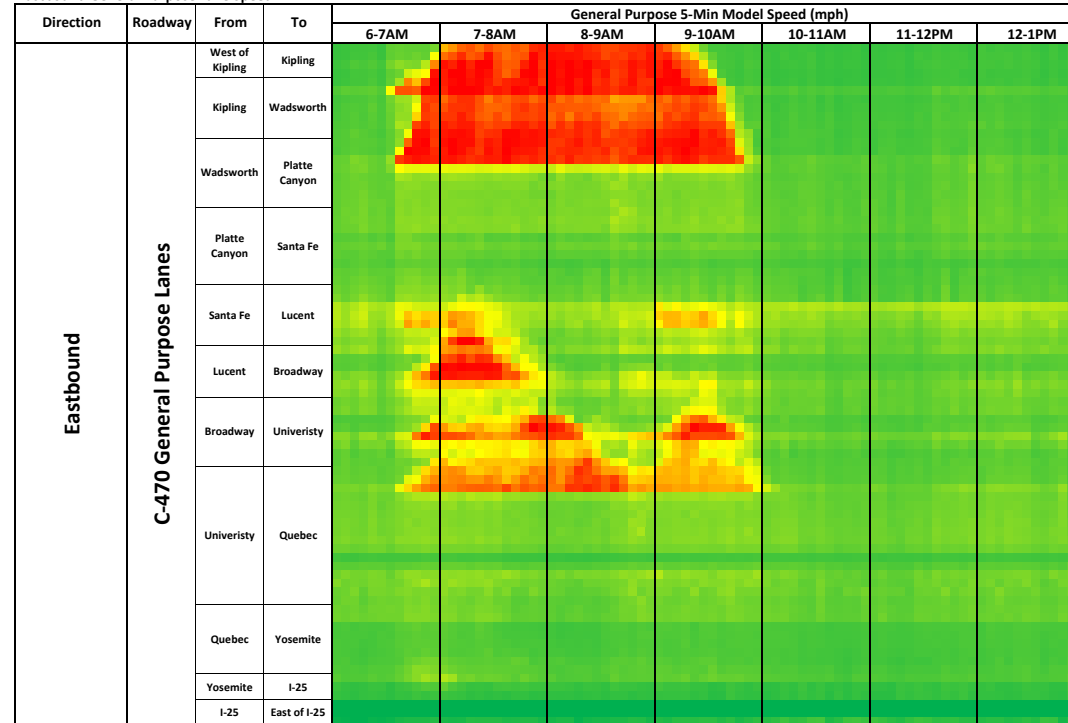


Table 5e  
NB I-25 Speed

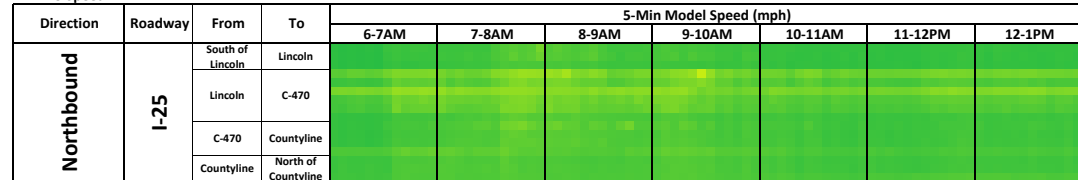


Table 5f  
SB I-25 Speed

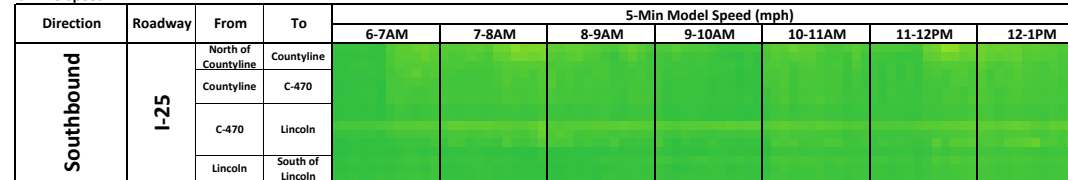


Table 6a  
Westbound Managed Lane Volume

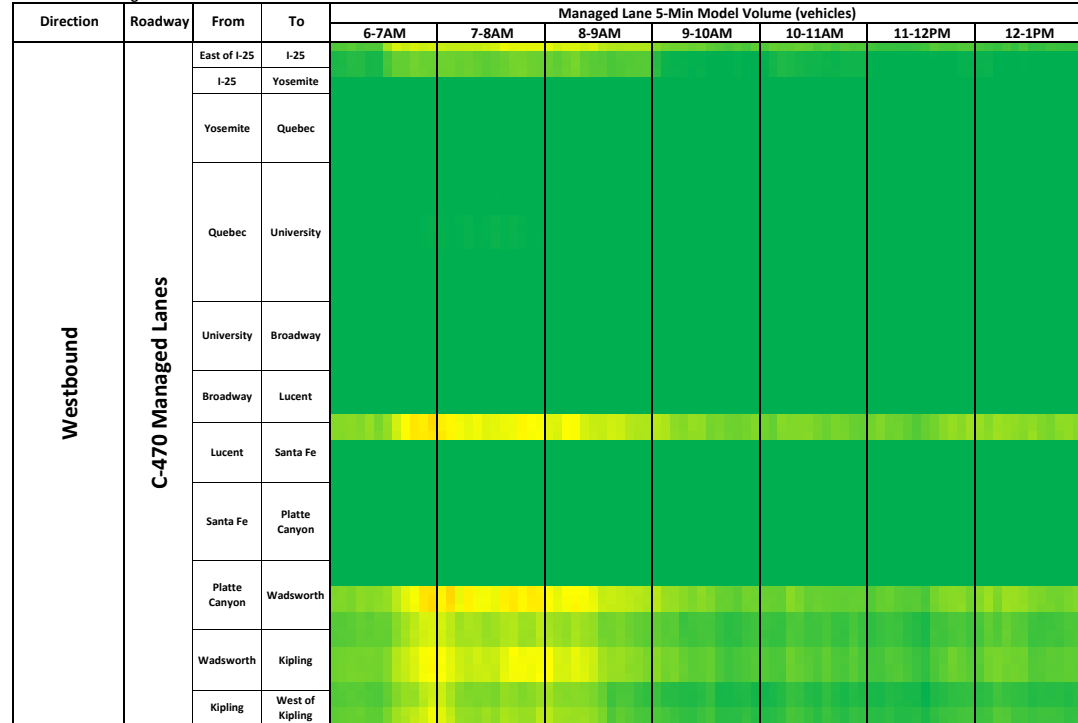


Table 6b  
Westbound General Purpose Lane Volume

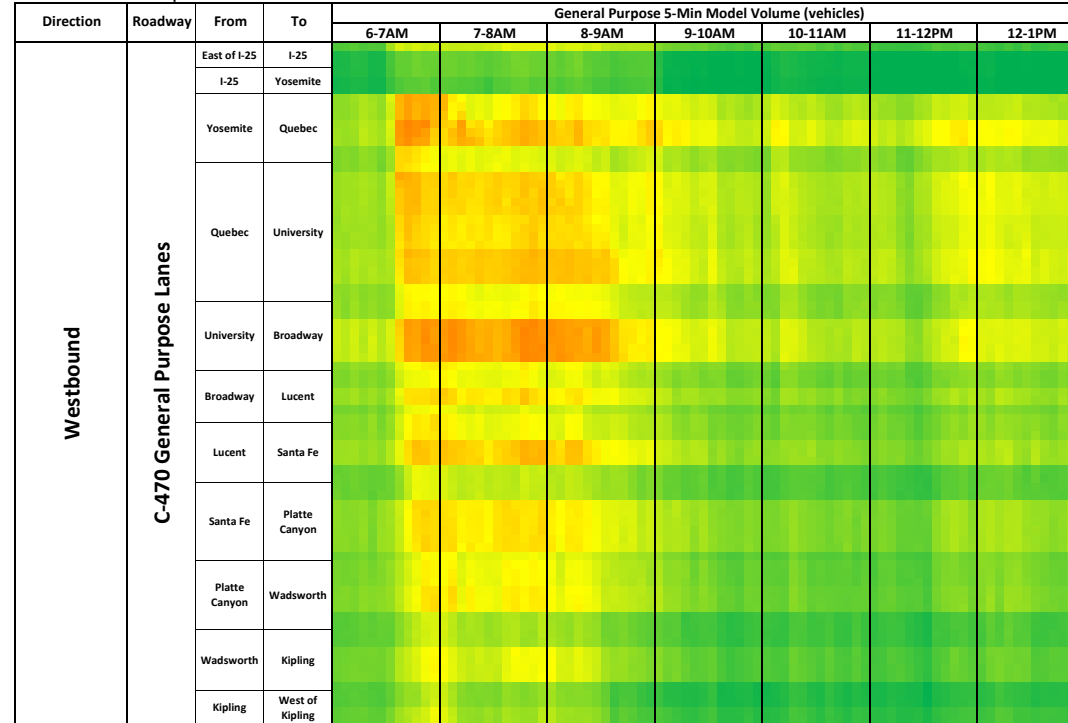


Table 6c  
Eastbound Managed Lane Volume

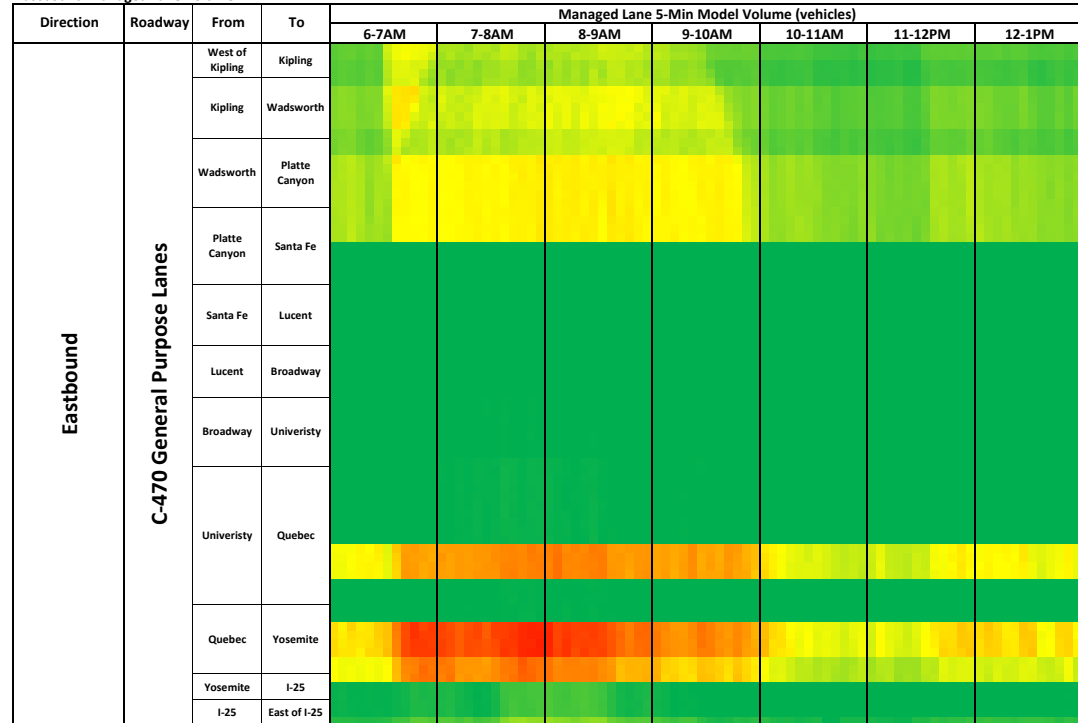


Table 6d  
Eastbound General Purpose Lane Volume

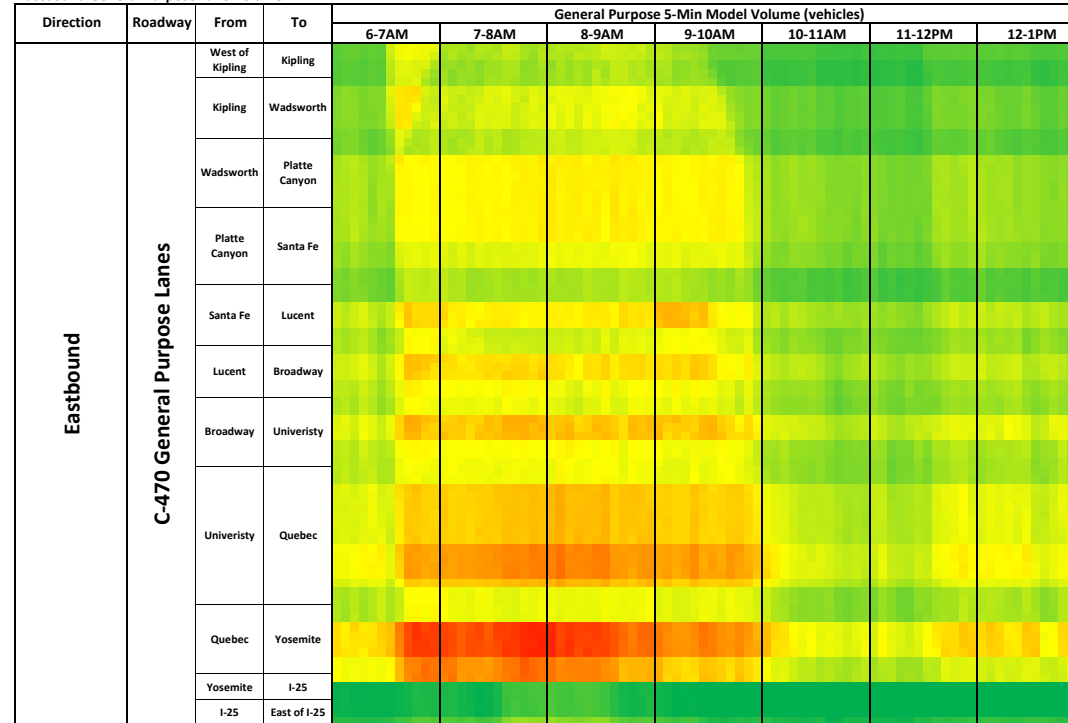


Table 6e  
NB I-25 Volume

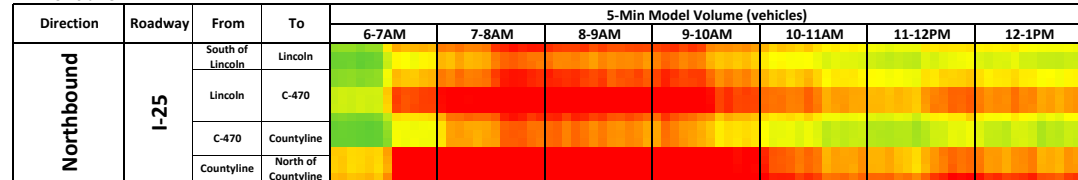
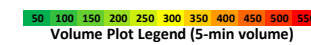
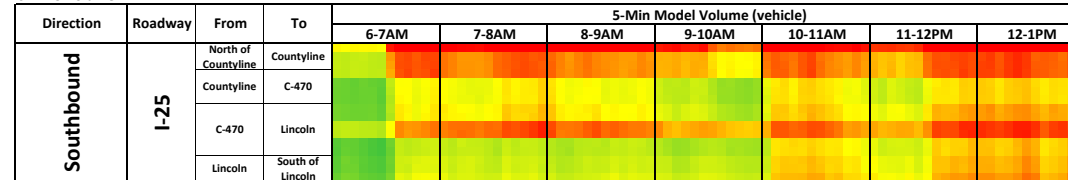


Table 6f  
SB I-25 Volume



## **Appendix F-2**

### **Option C Interim Fixed Pricing III 2018 PM**

**Table 1**  
**Network Summary**

Run#	Total VMT (veh-mi)	Total VHT (veh-hr)	Avg Spd (mph)	Avg Delay (s)	Latent Demand	Total Revenue (2013\$)
run1	1,508,395	41,994	35.92	140	6,062	\$36,623
run2	1,506,822	40,457	37.25	125	6,337	\$35,644
run3	1,511,301	41,483	36.43	134	5,955	\$37,391
run4	1,509,689	41,573	36.31	135	6,203	\$36,262
run5	1,508,155	41,858	36.03	139	6,870	\$38,208
run6						
run7						
run8						
run9						
run10						
Average	1,508,872	41,473	36.39	135	6,285	\$36,826

Revenue and Transaction by User Class

	Transponder	License Plate	Total
Revenue	\$18,083.70	\$18,741.95	\$36,825.65
Transaction	5,305	4,586	9,891
Avg Toll	\$3.41	\$4.09	\$3.72

Minimum Number of Runs Needed:

	Mean	Speed (mph)	Revenue (\$)
		36.39	36,826
Standard Deviation		0.52	998
Target Error %	1.0%	8	29
	2.5%	2	5
	3.5%	1	3
	5.0%	1	2
	10.0%	1	1

Table 2a  
Westbound Travel Time

	From	To	Distance (mi)	Model Travel Time (mins)														
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00	
<b>WB C-470 - Managed Lane</b>	I-25	Yosemite	0.622	0.6	0.6	0.6	0.6	0.6	28.4	4.6	2.5	3.2	2.2	1.0	1.2	0.7	0.6	
	Yosemite	Quebec	1.401	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.5	1.5	
	Quebec	Colorado	2.063	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.2	2.1	2.1	2.2	2.2	
	Colorado	University	1.030	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.1	1.1	1.0	1.1	1.1	
	University	Broadway	1.489	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.6	1.5	1.6	1.6	
	Broadway	Lucent	1.181	1.3	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.2	1.3	1.3
	Lucent	Santa Fe	1.403	1.5	1.4	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.4
	Santa Fe	Platte Canyon	1.581	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.6	1.6
	Platte Canyon	Wadsworth	1.529	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.6	1.6	1.6	1.6
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4
	Total		13.754	14.3	14.1	14.3	14.3	14.6	42.3	18.6	16.5	17.4	16.4	14.6	14.6	14.4	14.2	
<b>WB C-470 - General Purpose Lanes</b>	I-25	Yosemite	0.622	0.6	0.6	0.6	4.1	23.5	44.9	40.0	27.3	30.9	20.9	4.8	4.7	2.1	0.6	
	Yosemite	Quebec	1.401	1.4	1.4	2.6	7.6	9.5	10.5	11.0	12.3	13.8	7.4	4.5	7.4	5.0	1.4	
	Quebec	Colorado	2.063	2.3	2.5	3.2	4.3	6.5	7.3	8.0	10.1	9.7	8.4	6.6	6.8	6.2	3.3	
	Colorado	University	1.030	1.2	1.2	1.2	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.2	
	University	Broadway	1.489	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.6	1.5	1.5	1.5	
	Broadway	Lucent	1.181	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.7	2.6	1.5	1.2	1.2	1.2	
	Lucent	Santa Fe	1.403	1.4	1.4	1.4	1.5	1.5	1.5	1.6	1.8	4.5	4.7	2.3	1.4	1.4	1.4	
	Santa Fe	Platte Canyon	1.581	1.6	1.6	1.6	1.7	1.7	1.9	2.0	3.6	4.9	4.1	3.3	1.6	1.6	1.5	
	Platte Canyon	Wadsworth	1.529	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.8	1.8	1.8	1.6	1.5	1.5	1.5	
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4
	Total		13.540	14.1	14.4	16.5	26.2	50.0	73.6	70.1	62.8	72.0	54.4	29.0	29.0	23.3	15.0	
<b>WB C-470 - Travel Time Saving</b>	I-25	Yosemite	0.622	0.0	0.0	0.1	3.5	22.9	16.5	35.3	24.8	27.7	18.7	3.8	3.5	1.4	0.0	
	Yosemite	Quebec	1.401	-0.1	-0.1	1.1	6.1	7.9	8.9	9.4	10.8	12.3	5.9	3.2	6.0	3.5	-0.1	
	Quebec	Colorado	2.063	0.1	0.3	1.0	2.1	4.2	5.0	5.7	7.8	7.4	6.1	4.5	4.7	3.9	1.1	
	Colorado	University	1.030	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.4	0.3	0.2	
	University	Broadway	1.489	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	-0.1	
	Broadway	Lucent	1.181	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.3	0.2	0.0	-0.1	-0.1	
	Lucent	Platte Canyon	1.403	-0.1	0.0	0.0	0.0	0.1	0.2	0.2	0.4	3.1	3.2	0.8	0.0	0.0	0.0	
	Platte Canyon	Santa Fe	1.581	-0.1	-0.1	-0.1	0.0	0.1	0.3	0.4	1.9	3.2	2.4	1.7	-0.1	0.0	-0.1	
	Santa Fe	Wadsworth	1.529	-0.1	-0.1	-0.1	0.0	0.0	0.1	0.2	0.2	0.2	0.1	0.1	-0.1	-0.1	-0.1	
	Wadsworth	Kipling	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total		13.540	-0.2	0.2	2.1	11.9	35.4	31.3	51.5	46.2	54.6	38.1	14.5	14.4	8.9	0.9	



**Table 2b**  
**Eastbound Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)														
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00	
<b>EB C-470 - Managed Lane</b>	Kipling	Wadsworth	1.454	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.4	1.4
	Wadsworth	Platte Canyon	1.530	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.4
	Platte Canyon	Santa Fe	1.569	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4
	Santa Fe	Lucent	1.403	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Lucent	Broadway	1.204	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	Broadway	University	1.473	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	University	Colorado	1.026	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9
	Colorado	Quebec	2.068	1.9	1.9	1.9	1.9	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
	Quebec	Yosemite	1.388	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>12.9</b>	<b>12.9</b>	<b>12.9</b>	<b>13.0</b>	<b>13.2</b>	<b>13.2</b>	<b>13.0</b>	<b>12.9</b>	<b>13.1</b>	<b>13.1</b>	<b>13.2</b>	<b>13.1</b>	<b>12.9</b>	<b>12.7</b>	
<b>EB C-470 - General Purpose Lanes</b>	Kipling	Wadsworth	1.454	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.4	1.4	
	Wadsworth	Platte Canyon	1.530	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.4	
	Platte Canyon	Santa Fe	1.569	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	
	Santa Fe	Lucent	1.403	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.4	1.5	1.4	1.6	1.5	1.4	1.3	
	Lucent	Broadway	1.204	1.2	1.2	1.2	1.2	1.3	1.3	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.1	
	Broadway	University	1.473	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.5	1.5	1.5	1.8	1.6	1.5	1.4	
	University	Colorado	1.026	1.0	1.1	1.0	1.1	1.1	1.2	1.1	1.0	1.0	1.0	1.1	1.1	1.0	1.0	
	Colorado	Quebec	2.068	2.1	2.1	2.1	2.1	2.2	2.2	2.1	2.1	2.1	2.0	2.2	2.2	2.1	2.0	
	Quebec	Yosemite	1.388	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.4	1.4	1.3	1.3	
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>13.6</b>	<b>13.7</b>	<b>13.7</b>	<b>13.8</b>	<b>14.2</b>	<b>14.4</b>	<b>14.0</b>	<b>13.7</b>	<b>13.7</b>	<b>13.7</b>	<b>14.5</b>	<b>14.0</b>	<b>13.5</b>	<b>13.0</b>	
<b>EB C-470 - Travel Time Saving</b>	Kipling	Wadsworth	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Wadsworth	Platte Canyon	1.530	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Platte Canyon	Santa Fe	1.569	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	
	Santa Fe	Lucent	1.403	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.2	0.1	0.3	0.2	0.1	0.0	
	Lucent	Broadway	1.204	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	
	Broadway	University	1.473	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.4	0.2	0.1	0.0	
	University	Colorado	1.026	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.0	
	Colorado	Quebec	2.068	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.1	
	Quebec	Yosemite	1.388	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0	
	Yosemite	I-25	0.635	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	<b>Total</b>		<b>13.749</b>	<b>0.7</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>1.0</b>	<b>1.2</b>	<b>1.0</b>	<b>0.7</b>	<b>0.7</b>	<b>0.6</b>	<b>1.3</b>	<b>1.0</b>	<b>0.6</b>	<b>0.3</b>	

**Table 2c**  
**I-25 Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>NB I-25</b>	Lincoln	C-470	1.323	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2
	C-470	Countyline	0.761	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
	Total		2.084	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9
<b>SB I-25</b>	Countyline	C-470	0.761	0.7	0.8	0.7	0.8	0.8	0.9	0.9	0.8	0.8	0.8	0.9	0.8	0.8	
	C-470	Lincoln	1.323	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.5	1.3	1.4	1.3	1.3	
	Total		2.084	2.0	2.0	2.0	2.1	2.1	2.2	2.2	2.1	2.3	2.2	2.3	2.1	2.1	2.0

**Table 2d**  
**NB/SB I-25 Ramp to C-470 WB Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>NB I-25 - General Purpose</b>	Lincoln	Yosemite	1.963	2.3	2.3	2.3	3.4	6.4	12.2	16.5	13.1	11.3	4.8	2.8	2.6	2.3	
	Yosemite	Quebec	1.402	1.4	1.4	2.6	7.5	9.5	10.5	11.0	12.3	13.8	7.4	4.5	7.4	5.0	
	Total		3.365	3.7	3.7	4.9	10.9	15.9	22.7	27.5	25.4	25.2	12.2	7.3	10.1	7.3	
<b>NB I-25 - Managed Lane</b>	Lincoln	Yosemite	1.967	2.2	2.2	2.3	2.3	3.7	9.0	12.3	8.6	6.5	3.0	2.4	2.2	2.2	
	Yosemite	Quebec	1.398	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	
	Total		3.364	3.8	3.8	3.8	3.9	5.3	10.6	13.9	10.2	8.1	4.6	4.0	3.8	3.8	
<b>SB I-25 - General Purpose</b>	Countyline	Yosemite	1.142	1.2	1.2	1.3	2.9	6.0	9.9	12.6	9.4	9.0	6.8	1.9	1.8	1.4	
	Yosemite	Quebec	1.402	1.4	1.4	2.6	7.5	9.5	10.5	11.0	12.3	13.8	7.4	4.5	7.4	5.0	
	Total		2.544	2.7	2.7	3.8	10.5	15.4	20.3	23.6	21.7	22.8	14.2	6.4	9.3	6.4	
<b>SB I-25 - Managed Lane</b>	Countyline	Yosemite	1.187	1.3	1.3	1.3	1.3	1.3	1.6	3.6	1.6	1.3	1.3	1.3	1.3	1.3	
	Yosemite	Quebec	1.398	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.5	
	Total		2.585	2.8	2.8	2.7	2.8	2.9	3.2	5.2	3.2	2.9	2.8	2.7	2.7	2.8	





Table 5a  
Westbound Managed Lane Speed

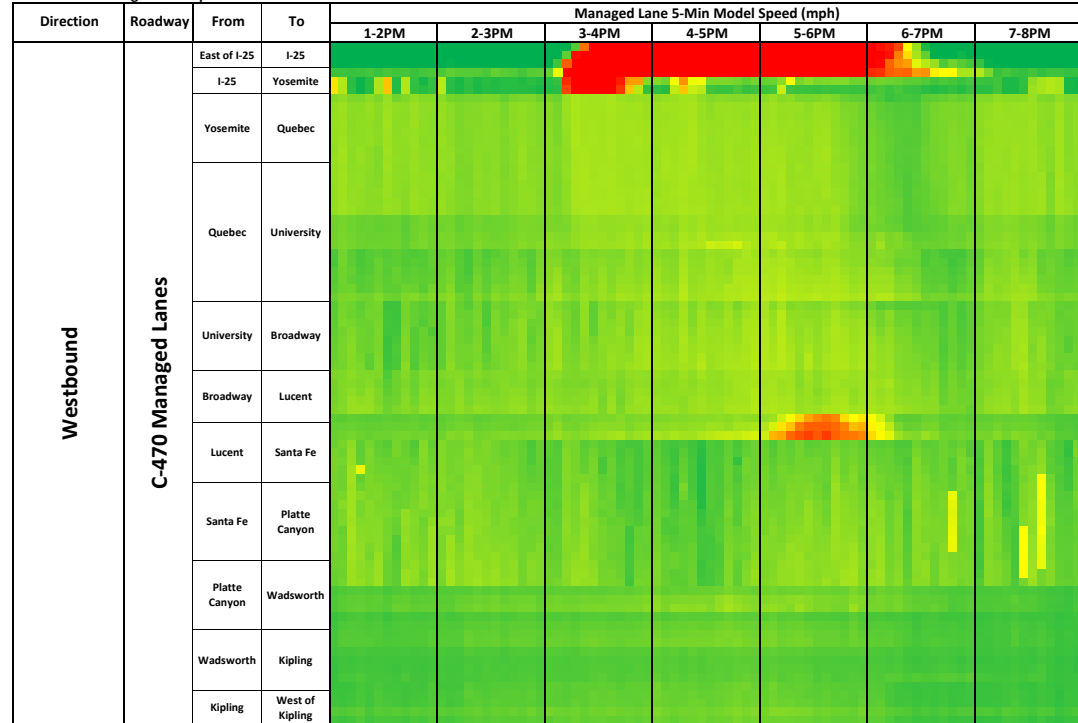


Table 5b  
Westbound General Purpose Lane Speed

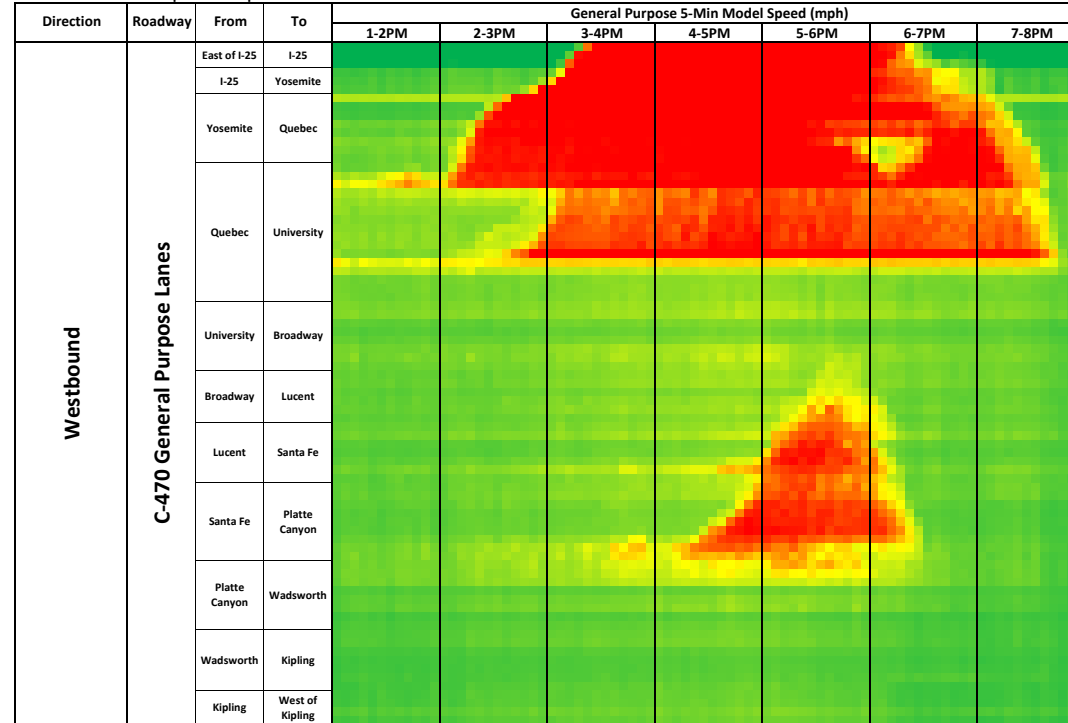


Table 5c  
Eastbound Managed Lane Speed

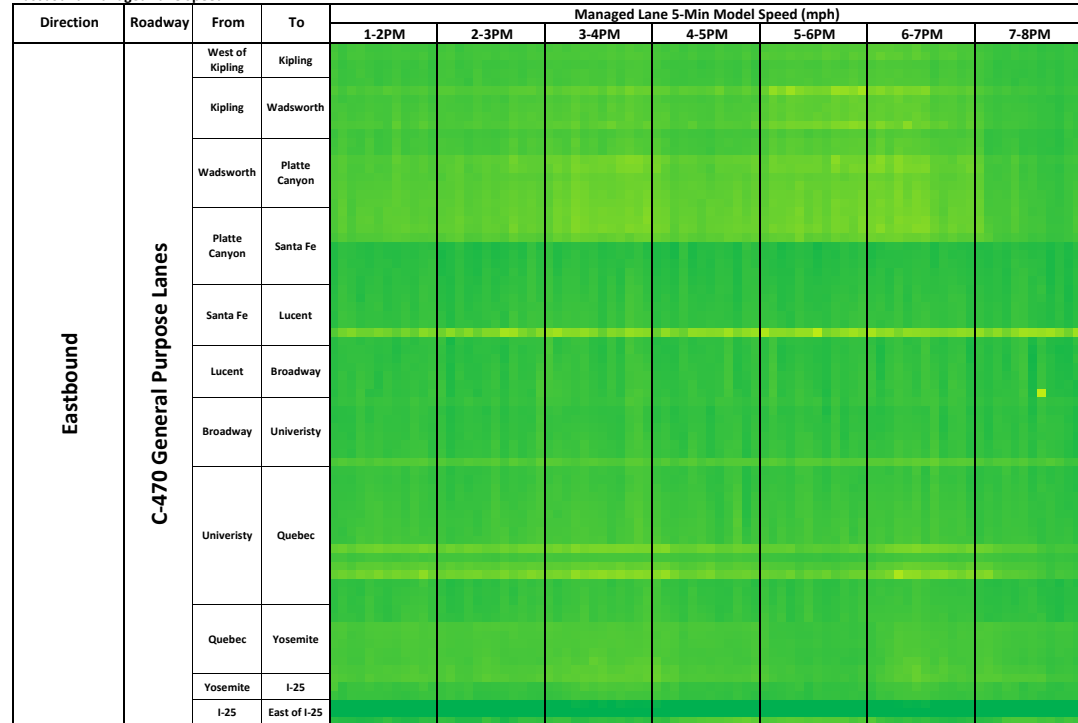


Table 5d  
Eastbound General Purpose Lane Speed

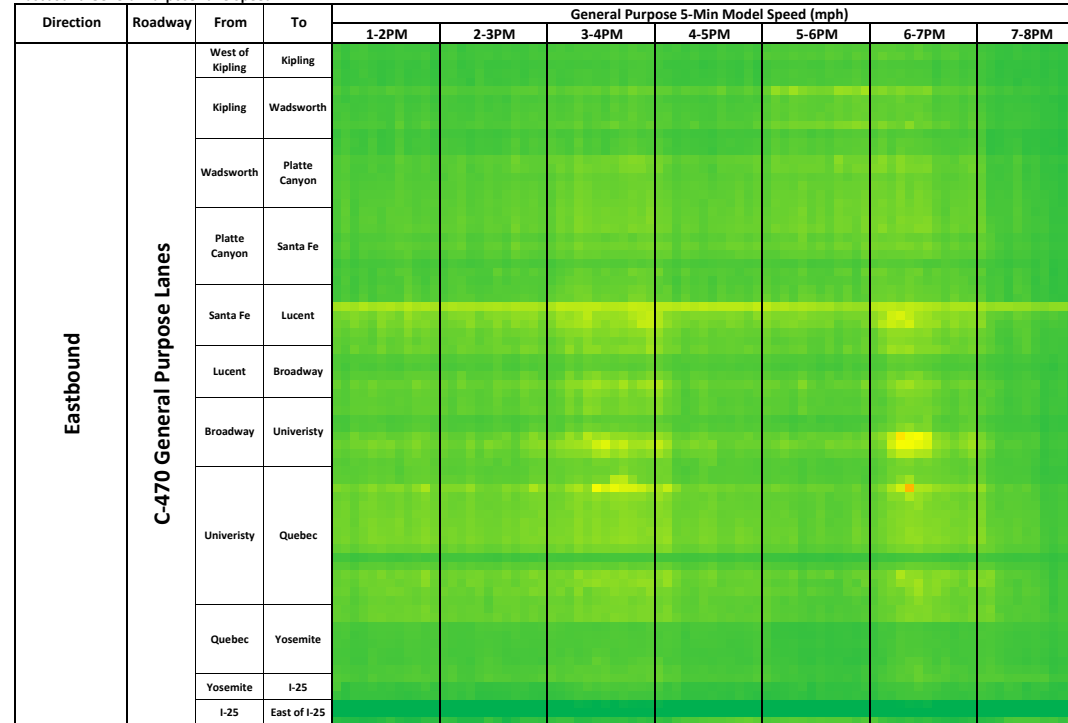


Table 5e  
NB I-25 Speed

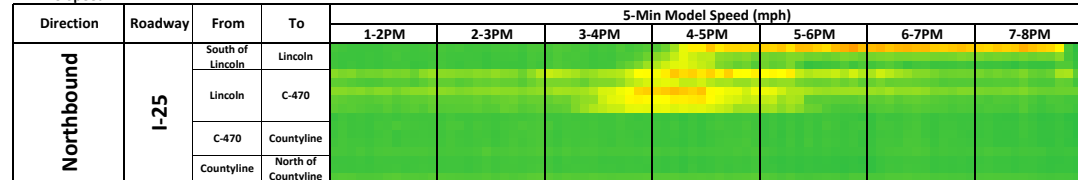


Table 5f  
SB I-25 Speed

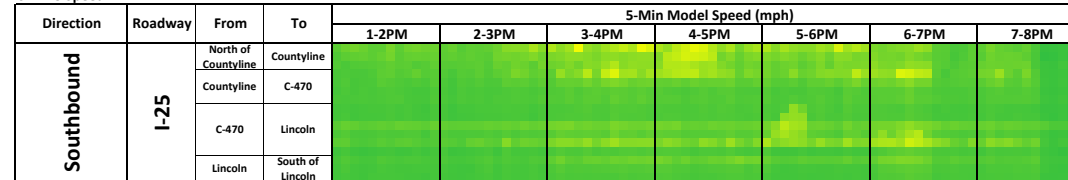


Table 6a  
Westbound Managed Lane Volume

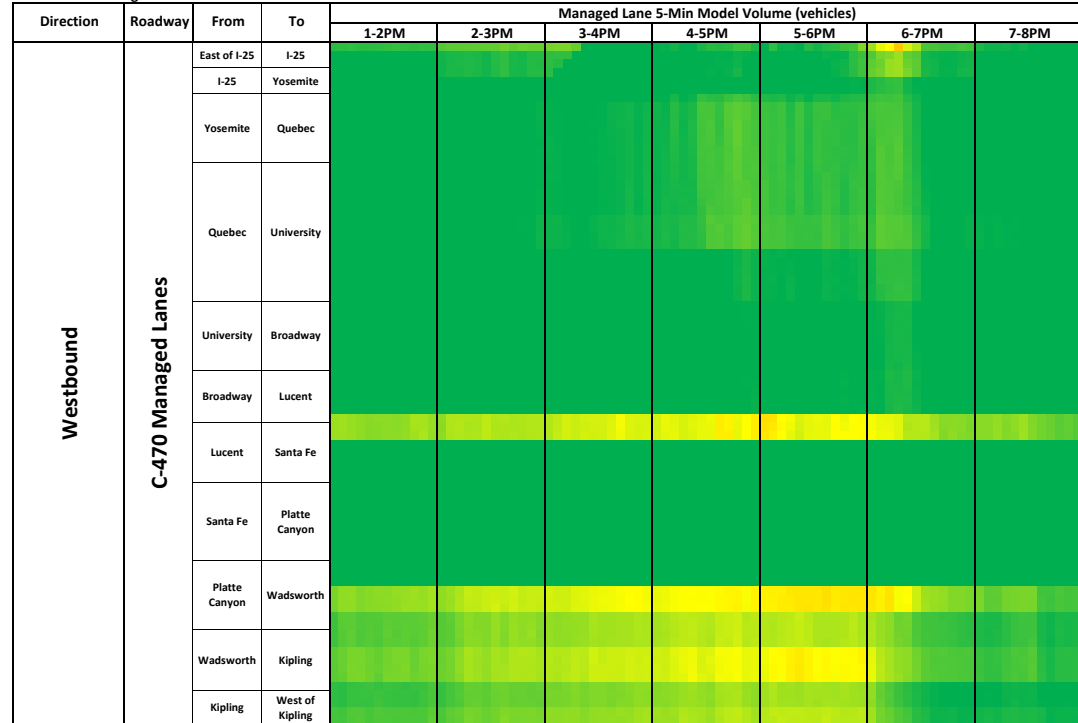


Table 6b  
Westbound General Purpose Lane Volume

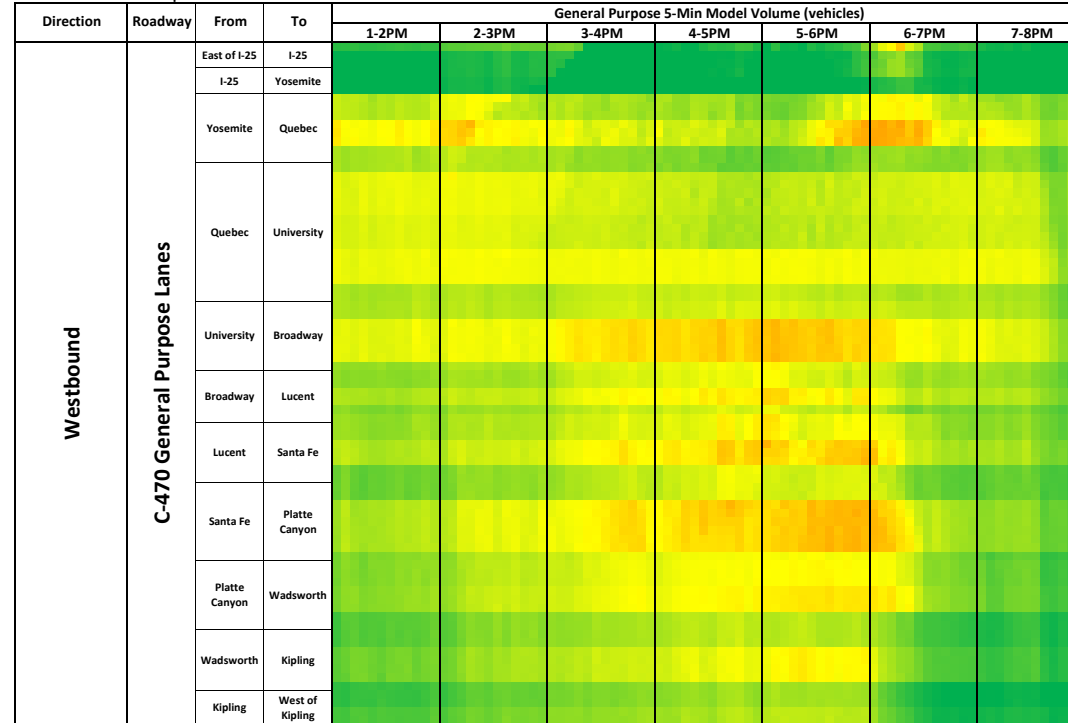


Table 6c  
Eastbound Managed Lane Volume

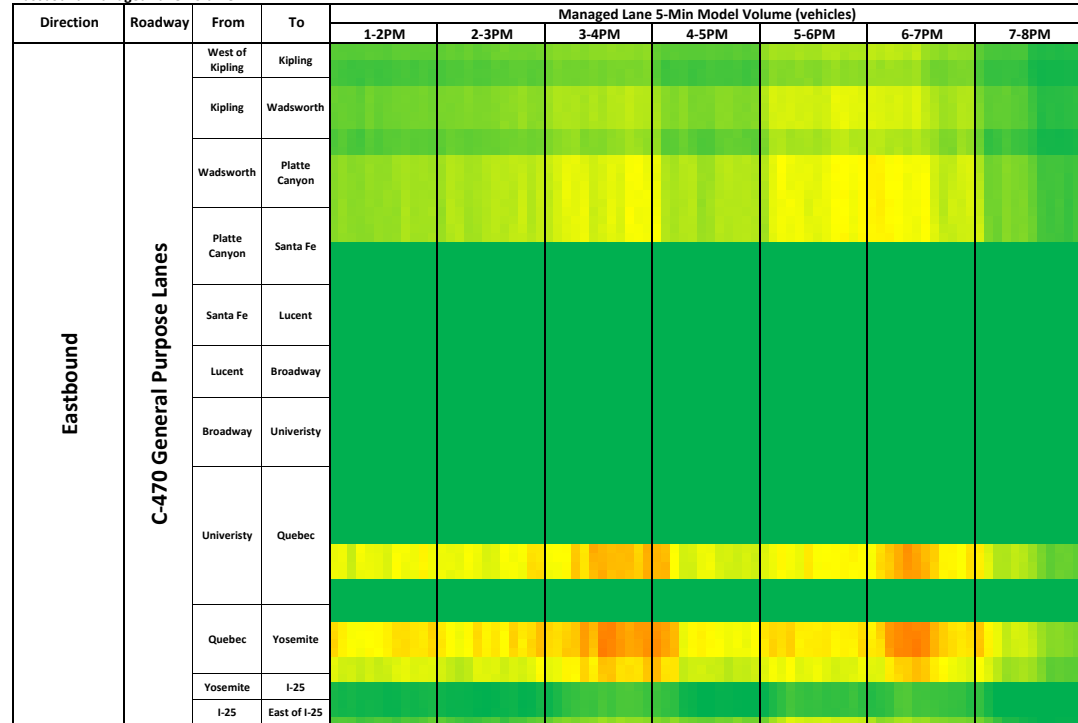


Table 6d  
Eastbound General Purpose Lane Volume

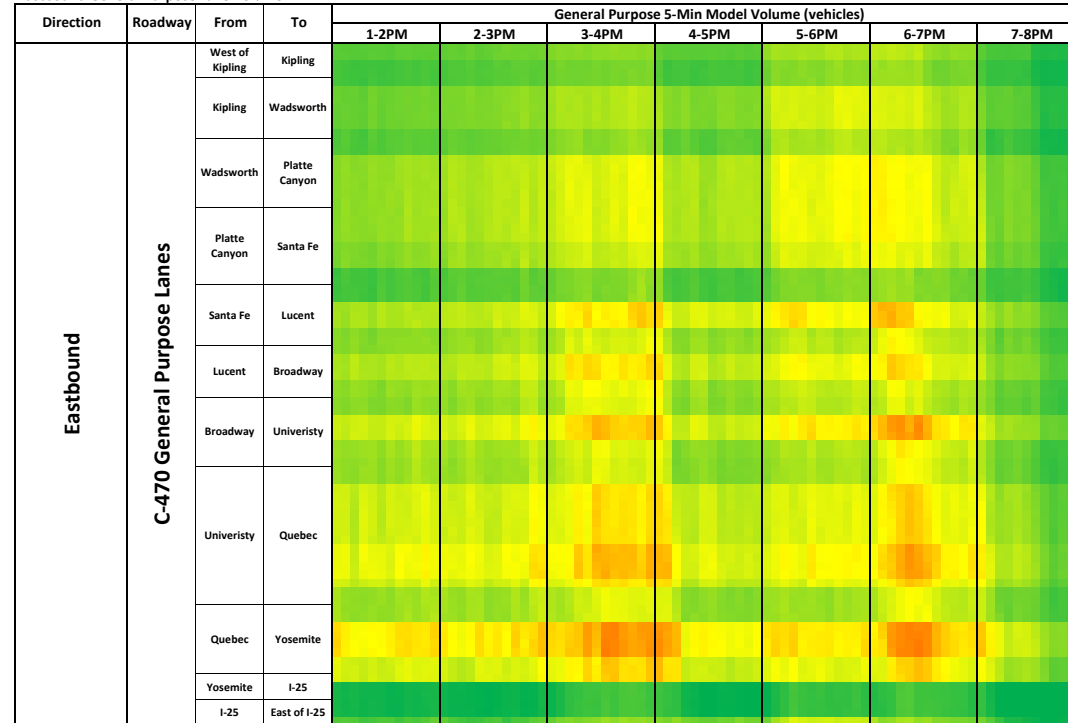


Table 6e  
NB I-25 Volume

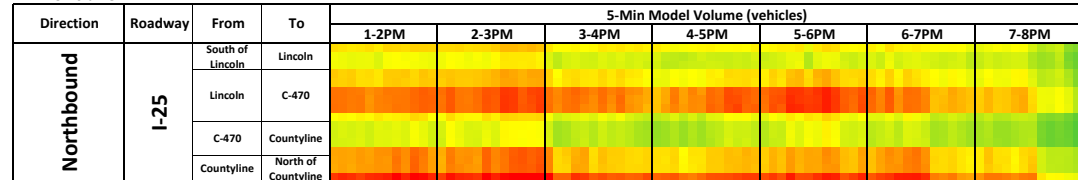
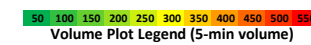
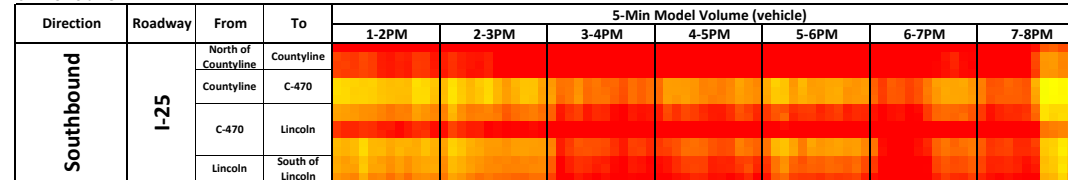


Table 6f  
SB I-25 Volume



## **Appendix F-3**

### **Option C Interim Fixed Pricing III 2025 AM**

**Table 1**  
**Network Summary**

Run#	Total VMT (veh-mi)	Total VHT (veh-hr)	Avg Spd (mph)	Avg Delay (s)	Latent Demand	Total Revenue (2013\$)
run1	1,607,259	42,980	37.40	137	6,505	\$27,557
run2	1,589,963	52,881	30.07	239	10,596	\$36,123
run3	1,574,463	58,529	26.90	301	14,230	\$39,142
run4	1,583,153	55,405	28.57	266	12,075	\$32,903
run5	1,612,840	43,415	37.15	140	6,351	\$27,686
run6						
run7						
run8						
run9						
run10						
Average	1,593,536	50,642	32.02	217	9,951	\$32,682

Revenue and Transaction by User Class

	Transponder	License Plate	Total
Revenue	\$19,724.80	\$12,957.30	\$32,682.10
Transaction	7,739	3,920	11,659
Avg Toll	\$2.55	\$3.31	\$2.80

Minimum Number of Runs Needed:

Mean	Speed (mph)	Revenue (\$)
	32.02	32,682
Standard Deviation	4.93	5120
Target Error %	1.0%	910
	2.5%	146
	3.5%	75
	5.0%	37
	10.0%	10



**Table 2a**  
**Westbound Travel Time**

Direction	From	To	Distance (mi)	Model Travel Time (mins)															
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00		
<b>WB C-470 - Managed Lane</b>	I-25	Yosemite	0.622	0.6	0.8	1.4	1.2	1.3	1.5	1.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6		
	Yosemite	Quebec	1.401	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.5	
	Quebec	Colorado	2.063	2.2	2.1	2.2	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	Colorado	University	1.030	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	University	Broadway	1.489	1.5	1.5	1.5	1.5	1.6	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Broadway	Lucent	1.181	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	Lucent	Santa Fe	1.403	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.5	1.4	1.4	1.4	1.4
	Santa Fe	Platte Canyon	1.581	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6
	Platte Canyon	Wadsworth	1.529	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	Wadsworth	Kipling	1.454	1.4	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	Total		13.754	13.8	14.2	15.0	14.5	14.8	14.7	14.5	14.2	14.0	14.1	14.1	14.1	14.1	14.1	14.1	
<b>WB C-470 - General Purpose Lanes</b>	I-25	Yosemite	0.622	0.6	1.2	3.0	1.6	1.9	2.6	1.1	2.6	0.6	0.6	0.6	0.6	0.6	0.6		
	Yosemite	Quebec	1.401	1.4	2.8	6.7	6.2	6.4	6.3	3.1	2.7	1.4	1.4	1.4	1.4	1.4	1.4	1.4	
	Quebec	Colorado	2.063	2.1	3.1	4.5	5.9	6.6	6.1	4.9	2.8	2.1	2.1	2.0	2.2	2.1	2.1	2.1	
	Colorado	University	1.030	1.1	1.2	1.3	1.3	1.3	1.3	1.3	1.2	1.1	1.1	1.0	1.1	1.1	1.1	1.1	
	University	Broadway	1.489	1.5	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.5	
	Broadway	Lucent	1.181	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
	Lucent	Santa Fe	1.403	1.4	1.5	1.5	1.5	1.4	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	
	Santa Fe	Platte Canyon	1.581	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	
	Platte Canyon	Wadsworth	1.529	1.5	1.7	1.6	1.6	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
	Wadsworth	Kipling	1.454	1.4	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	
	Total		13.540	13.7	17.5	24.6	23.9	24.9	25.2	19.1	17.8	13.7	13.6	13.5	13.9	13.9	13.8		
<b>WB C-470 - Travel Time Saving</b>	I-25	Yosemite	0.622	0.0	0.4	1.6	0.4	0.5	1.2	0.2	2.0	0.1	0.0	0.0	0.1	0.1	0.1		
	Yosemite	Quebec	1.401	-0.1	1.4	5.3	4.8	5.0	4.9	1.7	1.3	0.0	-0.1	-0.1	0.0	0.0	-0.1		
	Quebec	Colorado	2.063	-0.1	1.0	2.3	3.9	4.4	4.0	2.7	0.6	0.0	-0.1	-0.2	-0.1	0.0	-0.1		
	Colorado	University	1.030	0.0	0.2	0.2	0.3	0.2	0.3	0.2	0.1	0.1	0.0	0.0	0.1	0.1	0.1		
	University	Broadway	1.489	0.0	0.2	0.2	0.1	0.0	0.0	-0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0		
	Broadway	Lucent	1.181	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1		
	Lucent	Platte Canyon	1.403	0.0	0.1	0.1	0.1	0.0	0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	0.0	-0.1		
	Platte Canyon	Santa Fe	1.581	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1		
	Santa Fe	Wadsworth	1.529	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1		
	Wadsworth	Kipling	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
	Total		13.540	-0.1	3.3	9.6	9.5	10.1	10.5	4.7	3.6	-0.3	-0.4	-0.6	-0.2	-0.2	-0.3		

**Table 2b**  
**Eastbound Travel Time**

Direction	From	To	Distance (mi)	Model Travel Time (mins)														
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00	
EB C-470 - Managed Lane	Kipling	Wadsworth	1.454	1.4	3.6	6.4	6.5	6.6	6.1	7.0	6.5	5.2	15.2	4.9	3.3	1.9	1.4	
	Wadsworth	Platte Canyon	1.530	1.5	2.8	3.1	3.2	3.2	3.1	3.4	3.2	8.5	11.9	2.9	2.4	2.1	1.5	
	Platte Canyon	Santa Fe	1.569	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	7.0	3.3	2.0	1.6	1.5	1.5	
	Santa Fe	Lucent	1.403	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.7	2.7	1.7	1.4	1.3	1.3	1.3	
	Lucent	Broadway	1.204	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.2	1.2	1.3	1.2	1.1	1.1	1.1	
	Broadway	University	1.473	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.8	2.3	1.5	1.4	1.4	1.4
	University	Colorado	1.026	1.0	1.0	1.0	1.0	1.0	1.0	1.2	2.4	1.4	1.4	1.1	1.0	1.0	1.0	
	Colorado	Quebec	2.068	1.9	2.0	2.0	2.0	2.0	2.4	9.0	13.9	4.2	2.6	2.2	2.0	2.0	1.9	
	Quebec	Yosemite	1.388	1.3	1.3	1.3	1.4	1.3	5.2	19.3	9.9	3.6	2.0	1.6	1.3	1.3	1.3	
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	1.0	2.5	1.0	0.8	0.7	0.7	0.6	0.6	0.6
	Total		13.749	13.1	16.7	19.9	20.2	20.2	24.2	47.9	42.9	36.2	42.4	19.5	16.0	14.3	13.1	
EB C-470 - General Purpose Lanes	Kipling	Wadsworth	1.454	1.4	3.6	6.4	6.5	6.6	6.1	7.0	6.5	5.2	15.2	4.9	3.3	1.9	1.4	
	Wadsworth	Platte Canyon	1.530	1.5	2.8	3.1	3.2	3.2	3.1	3.4	3.2	8.5	11.9	2.9	2.4	2.1	1.5	
	Platte Canyon	Santa Fe	1.569	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.9	22.7	16.2	1.8	1.6	1.6	1.6	
	Santa Fe	Lucent	1.403	1.5	1.8	3.8	2.6	2.0	1.7	2.8	10.4	30.5	15.7	2.4	1.5	1.5	1.5	
	Lucent	Broadway	1.204	1.3	2.1	4.3	4.2	3.5	3.7	5.0	17.5	20.6	4.6	1.6	1.2	1.3	1.2	
	Broadway	University	1.473	1.5	2.3	3.8	4.1	4.2	4.6	6.5	23.5	18.4	3.9	1.8	1.6	1.6	1.5	
	University	Colorado	1.026	1.0	1.3	1.9	1.9	2.0	2.5	4.6	20.3	5.7	2.1	1.1	1.1	1.1	1.1	
	Colorado	Quebec	2.068	2.1	2.2	2.2	2.1	2.1	3.1	17.4	24.8	6.9	2.8	2.3	2.1	2.1	2.1	
	Quebec	Yosemite	1.388	1.4	1.4	1.4	1.4	1.4	5.2	20.9	17.9	4.5	2.3	1.6	1.4	1.4	1.4	
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	1.0	2.5	1.0	0.8	0.7	0.7	0.6	0.6	0.6
	Total		13.749	14.0	19.7	29.2	28.3	27.2	32.8	71.6	127.1	123.8	75.4	21.3	16.8	15.1	14.0	
EB C-470 - Travel Time Saving	Kipling	Wadsworth	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Wadsworth	Platte Canyon	1.530	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Platte Canyon	Santa Fe	1.569	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	15.7	12.9	-0.1	0.1	0.1	0.1	
	Santa Fe	Lucent	1.403	0.2	0.5	2.5	1.2	0.7	0.4	1.4	8.7	27.8	14.0	1.0	0.2	0.2	0.2	
	Lucent	Broadway	1.204	0.2	0.9	3.2	3.1	2.4	2.5	3.8	16.4	19.4	3.3	0.5	0.1	0.1	0.1	
	Broadway	University	1.473	0.1	0.9	2.4	2.6	2.8	3.2	5.1	22.1	16.6	1.6	0.3	0.1	0.2	0.2	
	University	Colorado	1.026	0.1	0.3	0.9	0.9	1.0	1.5	3.4	17.9	4.4	0.6	-0.1	0.1	0.1	0.1	
	Colorado	Quebec	2.068	0.2	0.2	0.2	0.2	0.1	0.8	8.3	10.9	2.7	0.2	0.1	0.2	0.2	0.2	
	Quebec	Yosemite	1.388	0.1	0.1	0.1	0.0	0.0	0.1	1.5	8.0	0.9	0.3	0.1	0.1	0.1	0.1	
	Yosemite	I-25	0.635	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total		13.749	0.9	2.9	9.3	8.1	7.1	8.6	23.7	84.3	87.6	33.0	1.8	0.8	0.9	0.9	







Table 5a  
Westbound Managed Lane Speed

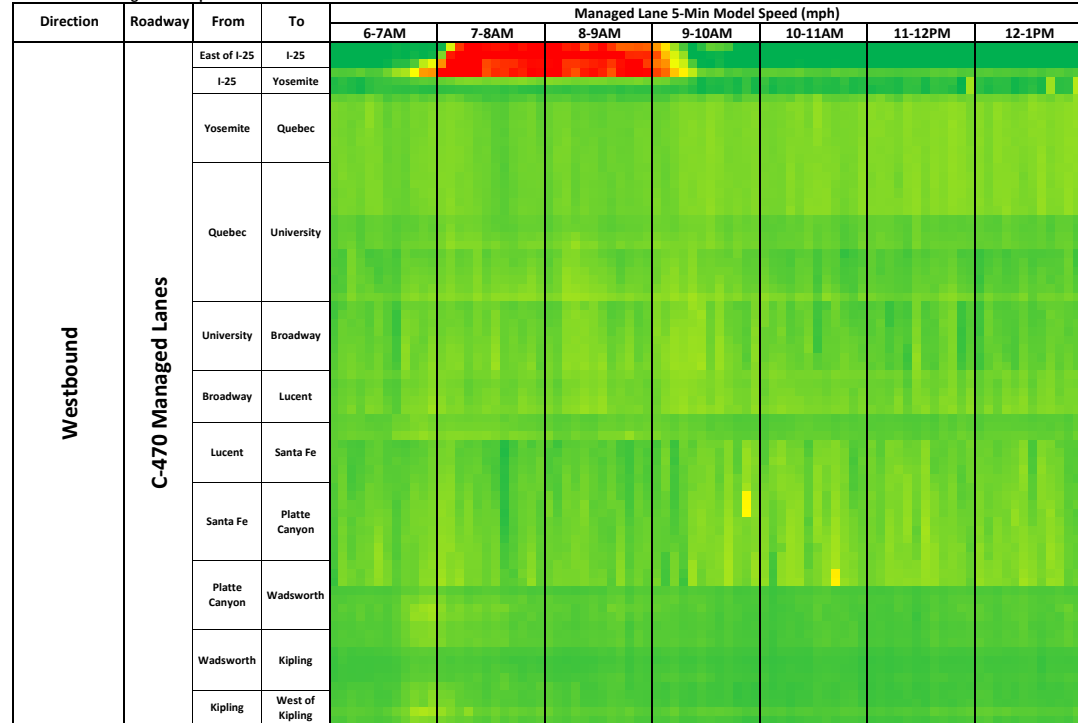


Table 5b  
Westbound General Purpose Lane Speed

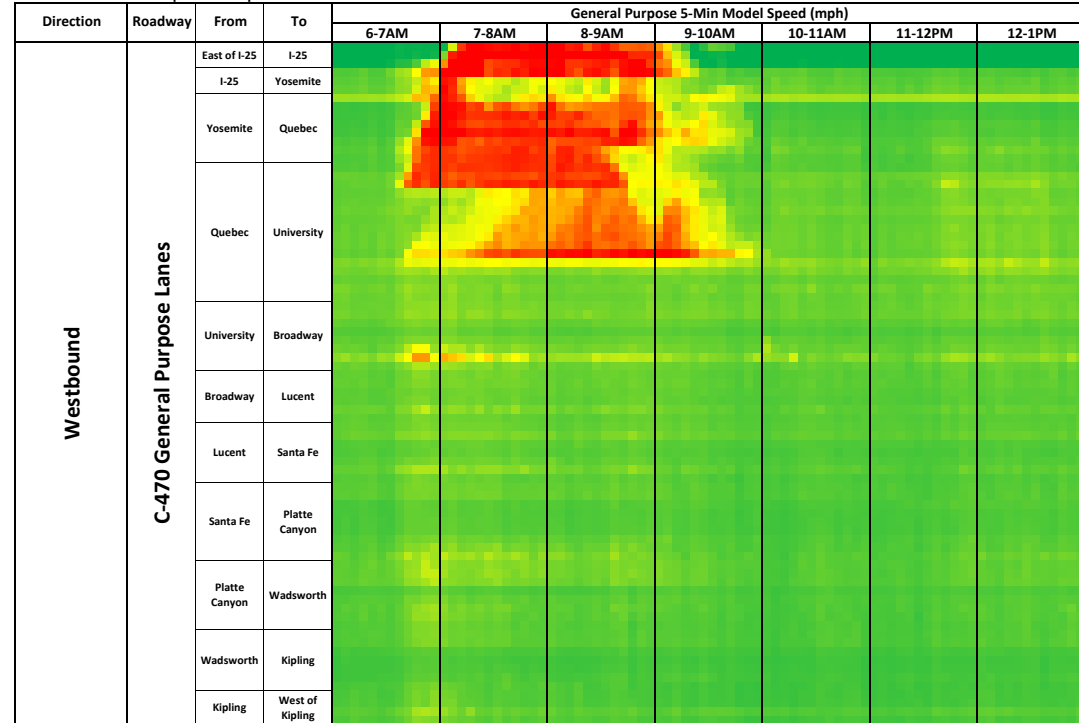


Table 5c  
Eastbound Managed Lane Speed

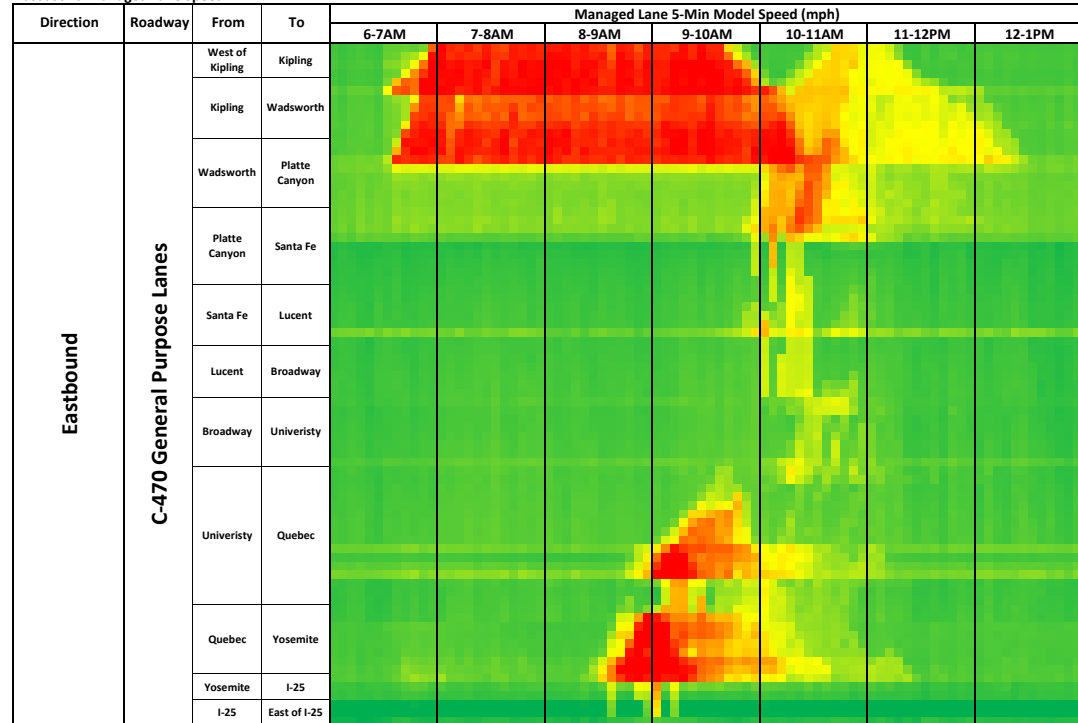


Table 5d  
Eastbound General Purpose Lane Speed

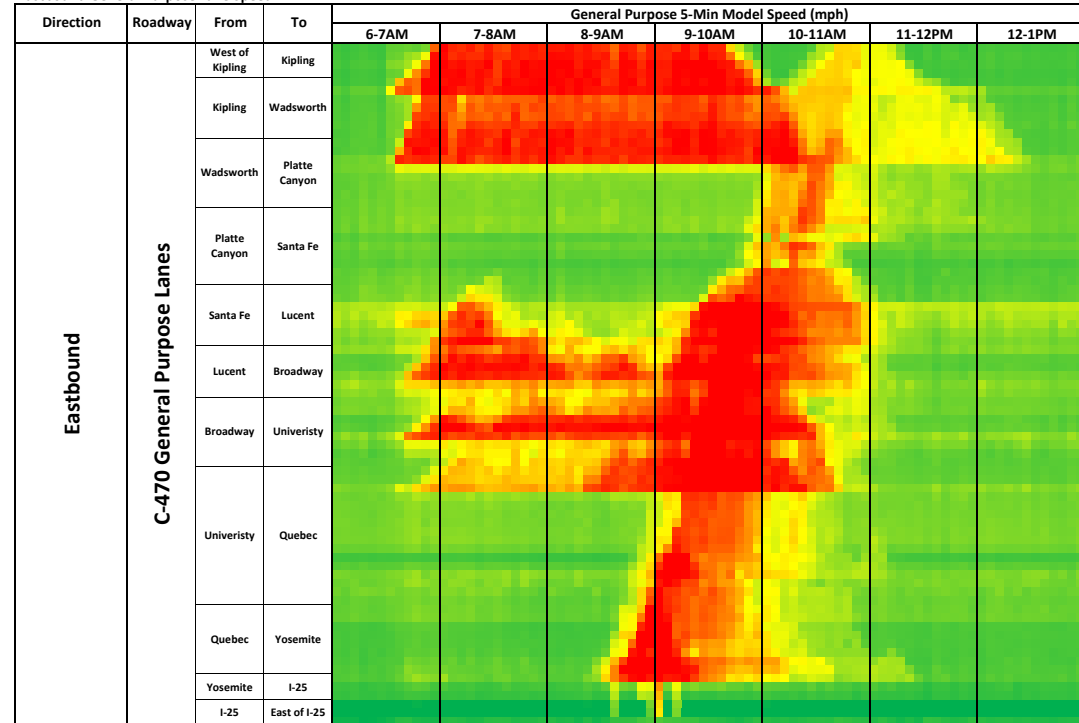


Table 5e  
NB I-25 Speed

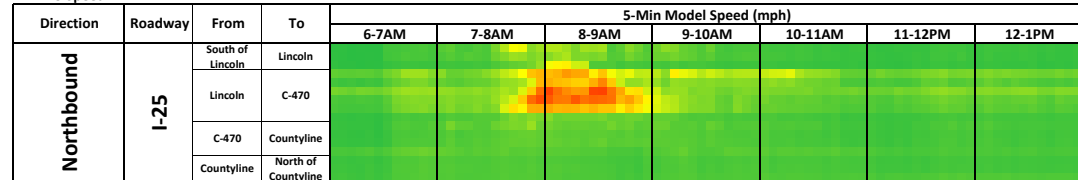


Table 5f  
SB I-25 Speed

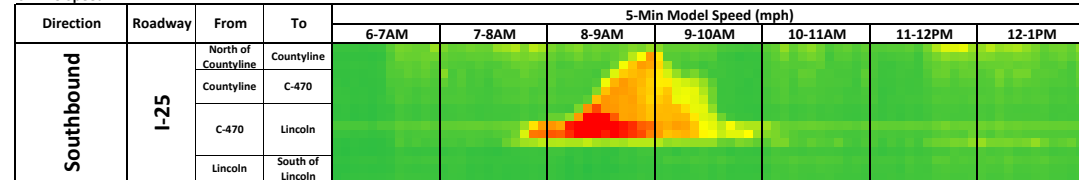


Table 6a  
Westbound Managed Lane Volume

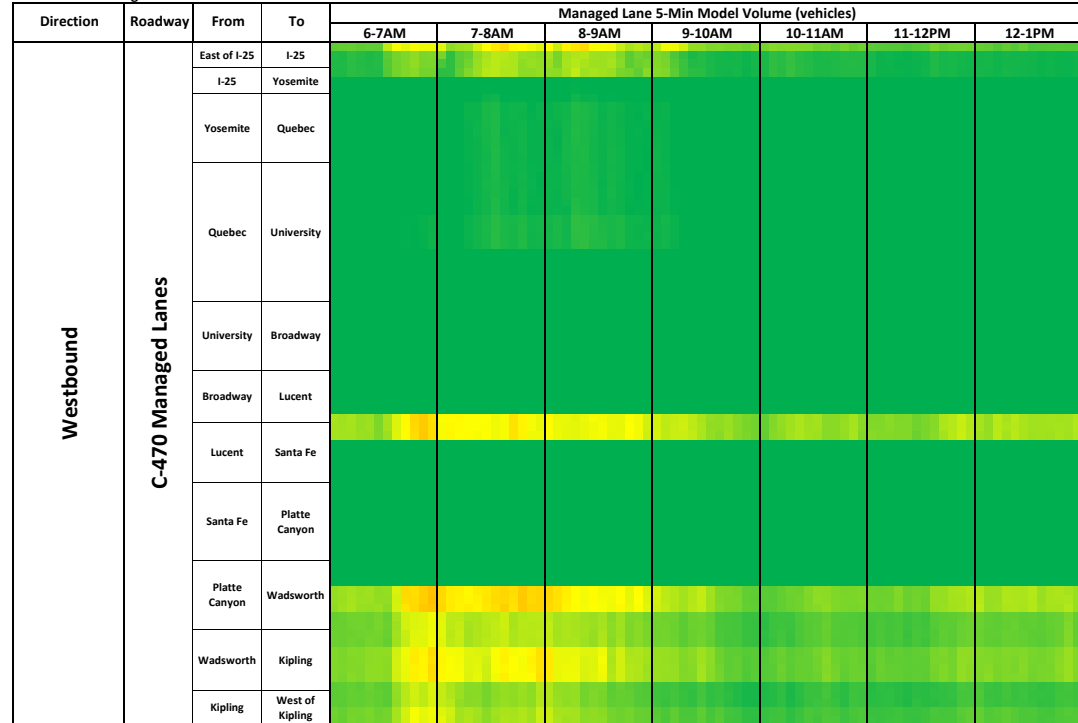


Table 6b  
Westbound General Purpose Lane Volume

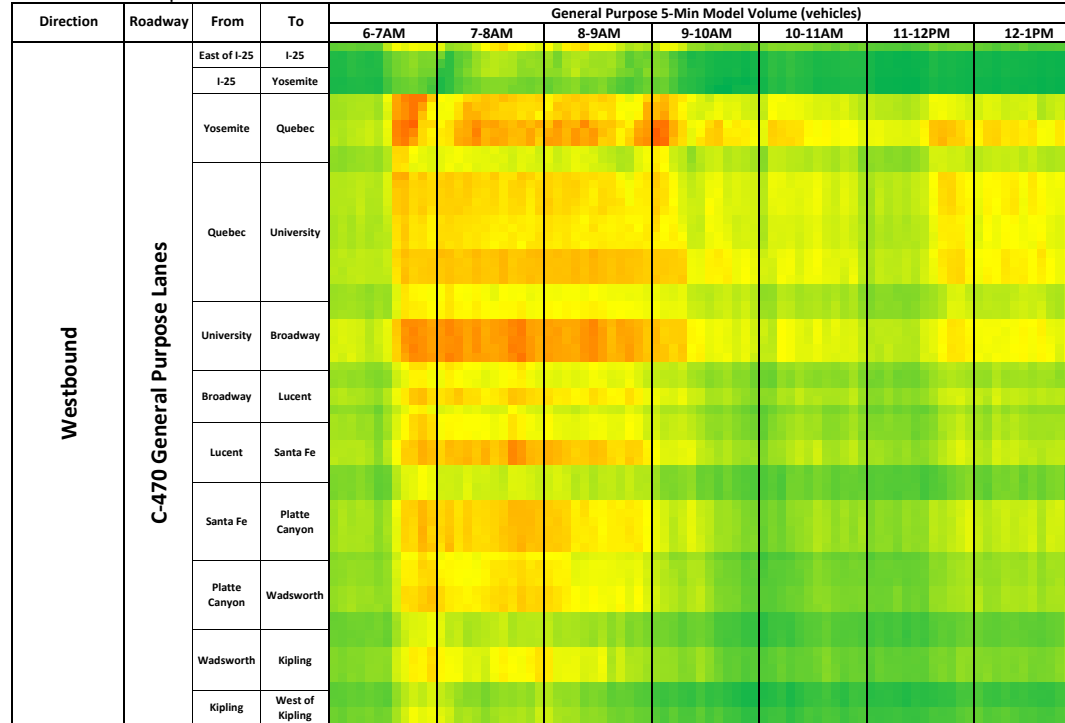


Table 6c  
Eastbound Managed Lane Volume

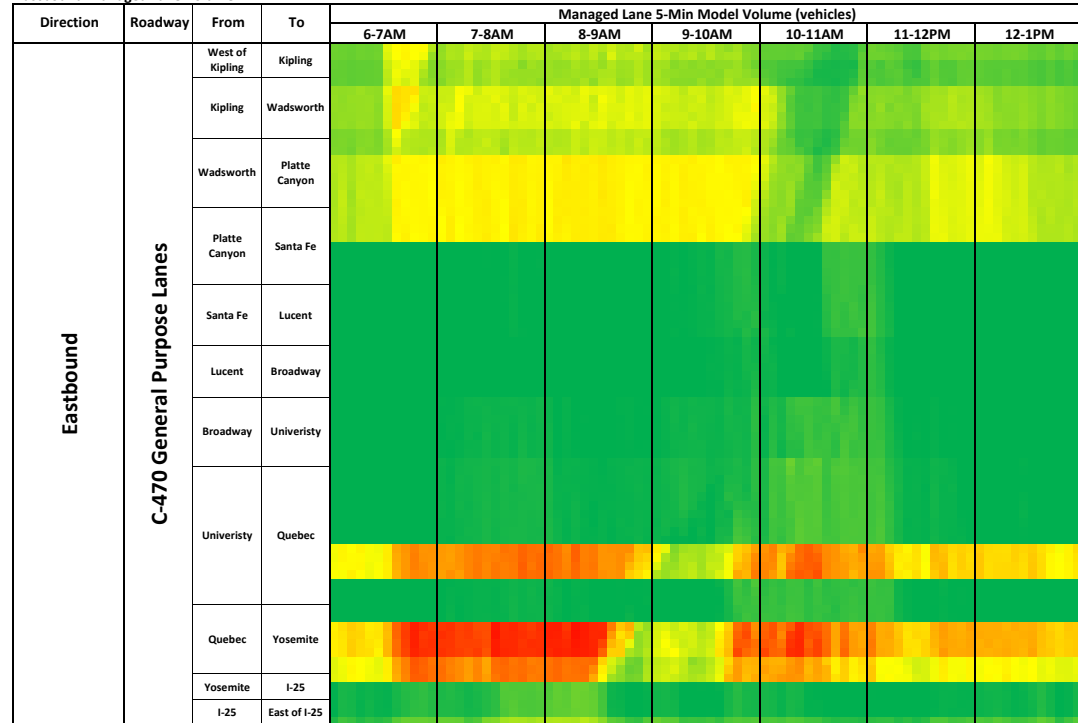


Table 6d  
Eastbound General Purpose Lane Volume

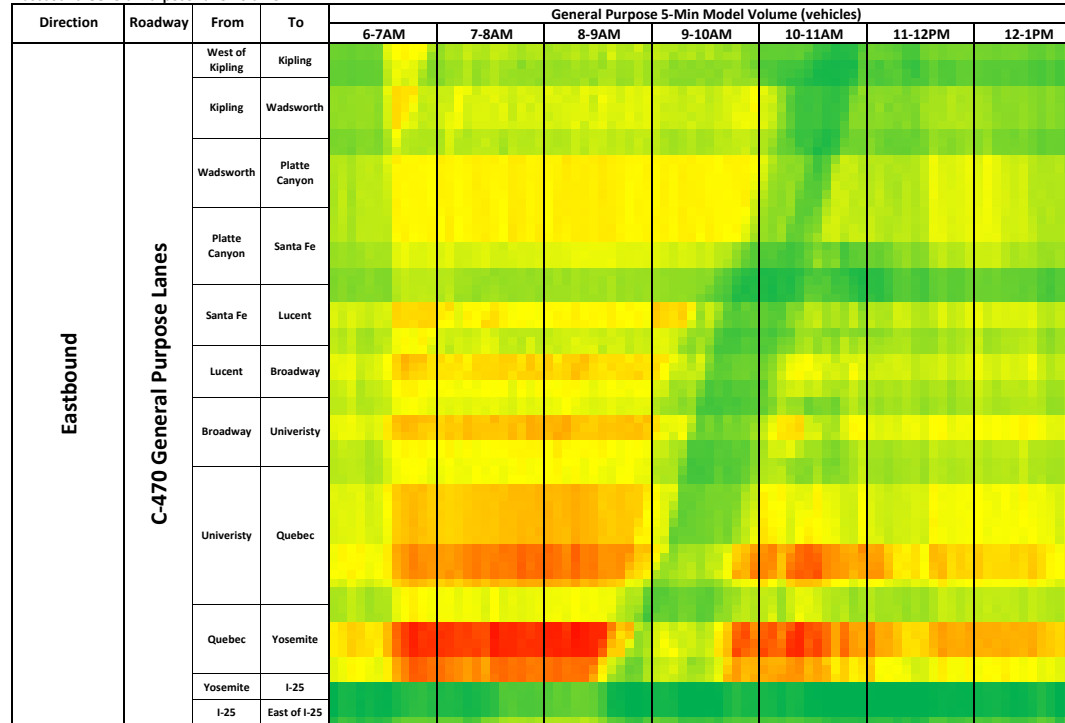


Table 6e  
NB I-25 Volume

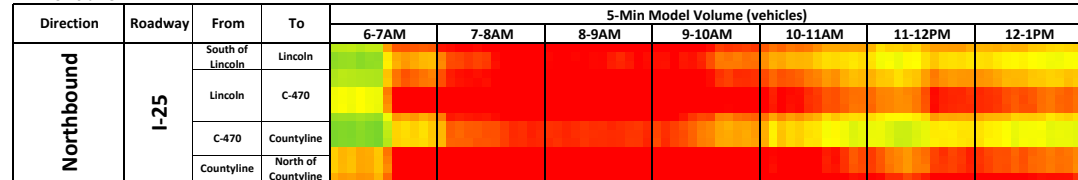
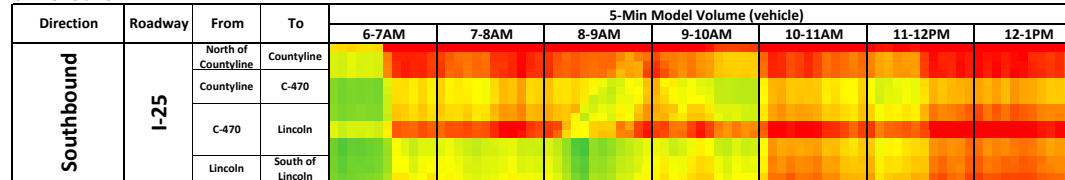


Table 6f  
SB I-25 Volume



50 100 150 200 250 300 350 400 450 500 550  
Volume Plot Legend (5-min volume)

## **Appendix F-4**

### **Option C Interim Fixed Pricing III 2025 PM**



**Table 1**  
**Network Summary**

Run#	Total VMT (veh-mi)	Total VHT (veh-hr)	Avg Spd (mph)	Avg Delay (s)	Latent Demand	Total Revenue (2013\$)
run1	1,674,939	49,745	33.67	165	13,115	\$46,581
run2	1,684,900	51,546	32.69	179	12,045	\$54,849
run3	1,675,416	50,667	33.07	174	14,394	\$49,081
run4	1,671,078	50,962	32.79	177	14,523	\$48,470
run5	1,677,225	51,442	32.60	180	13,234	\$53,585
run6						
run7						
run8						
run9						
run10						
Average	1,676,711	50,872	32.96	175	13,462	\$50,513

Revenue and Transaction by User Class

	Transponder	License Plate	Total
Revenue	\$30,436.10	\$20,076.75	\$50,512.85
Transaction	8,211	4,432	12,643
Avg Toll	\$3.71	\$4.53	\$4.00

Minimum Number of Runs Needed:

	Mean	Speed (mph)	Revenue (\$)
		32.96	50,513
Standard Deviation		0.43	3533
Target Error %	1.0%	7	188
	2.5%	2	31
	3.5%	1	16
	5.0%	1	8
	10.0%	1	2

Table 2a  
Westbound Travel Time

	From	To	Distance (mi)	Model Travel Time (mins)														
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00	
<b>WB C-470 - Managed Lane</b>	I-25	Yosemite	0.622	0.6	0.6	0.6	3.3	6.1	7.5	2.4	2.6	2.6	1.0	1.0	1.0	1.6	0.7	
	Yosemite	Quebec	1.401	1.5	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.4	1.5	1.5	
	Quebec	Colorado	2.063	2.2	2.2	2.2	2.3	2.3	2.4	2.3	2.3	2.3	2.3	3.0	2.2	2.3	2.2	
	Colorado	University	1.030	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	
	University	Broadway	1.489	1.5	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6
	Broadway	Lucent	1.181	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.6	1.6	1.3	1.3	1.3
	Lucent	Santa Fe	1.403	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.7	1.6	1.5	1.4	1.4
	Santa Fe	Platte Canyon	1.581	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.8	1.7	1.7	1.6
	Platte Canyon	Wadsworth	1.529	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8	1.6	1.6	1.6
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4
	Total		13.754	14.3	14.3	14.3	17.2	20.2	21.7	16.5	17.1	17.0	15.8	16.4	14.8	15.5	14.5	
<b>WB C-470 - General Purpose Lanes</b>	I-25	Yosemite	0.622	0.6	0.6	1.4	17.3	37.5	46.8	34.3	30.0	31.4	6.4	4.9	4.8	10.6	2.4	
	Yosemite	Quebec	1.401	1.8	2.8	6.2	10.1	11.6	12.5	13.0	13.4	12.2	4.9	6.5	7.5	8.9	3.7	
	Quebec	Colorado	2.063	3.2	4.0	5.1	7.0	8.1	9.0	9.7	10.4	8.9	8.8	9.5	7.2	7.4	6.1	
	Colorado	University	1.030	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.5	5.5	3.7	1.4	1.4	1.4	
	University	Broadway	1.489	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.8	3.4	8.3	5.0	1.6	1.6	1.5	
	Broadway	Lucent	1.181	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.6	6.0	6.7	4.6	1.4	1.2	1.2	
	Lucent	Santa Fe	1.403	1.4	1.4	1.5	1.5	1.6	1.6	1.6	3.9	6.9	6.0	3.8	1.6	1.5	1.4	
	Santa Fe	Platte Canyon	1.581	1.6	1.6	1.7	1.8	1.9	2.8	4.1	5.4	5.4	4.9	4.3	3.1	1.7	1.6	
	Platte Canyon	Wadsworth	1.529	1.6	1.6	1.6	1.7	1.7	1.8	1.9	1.9	2.0	2.0	1.8	1.6	1.6	1.5	
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4
	Total		13.540	15.6	17.5	22.9	44.9	68.2	80.4	70.5	71.3	79.1	54.8	45.5	31.7	37.3	22.3	
<b>WB C-470 - Travel Time Saving</b>	I-25	Yosemite	0.622	0.0	0.1	0.8	13.9	31.4	39.3	32.0	27.3	28.8	5.4	3.9	3.9	9.0	1.7	
	Yosemite	Quebec	1.401	0.4	1.4	4.7	8.6	10.0	10.9	11.4	11.8	10.7	3.5	5.0	6.0	7.4	2.2	
	Quebec	Colorado	2.063	1.0	1.8	2.8	4.7	5.8	6.7	7.4	8.1	6.6	6.5	6.5	5.0	5.2	3.9	
	Colorado	University	1.030	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.4	4.3	2.6	0.3	0.3	0.3	
	University	Broadway	1.489	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	0.1	1.7	6.6	3.4	0.0	0.0	-0.1	
	Broadway	Lucent	1.181	-0.1	-0.1	0.0	-0.1	0.0	0.0	0.0	0.2	4.6	5.1	3.0	0.1	0.0	-0.1	
	Lucent	Platte Canyon	1.403	0.0	0.0	0.0	0.1	0.2	0.2	0.2	2.4	5.4	4.3	2.2	0.1	0.0	0.0	
	Platte Canyon	Santa Fe	1.581	-0.1	-0.1	0.0	0.2	0.3	1.2	2.4	3.7	3.6	3.1	2.5	1.4	0.0	0.0	
	Santa Fe	Wadsworth	1.529	-0.1	-0.1	0.0	0.1	0.1	0.2	0.3	0.2	0.3	0.3	0.1	0.0	0.0	0.0	
	Wadsworth	Kipling	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total		13.540	1.3	3.2	8.6	27.7	48.1	58.7	54.0	54.1	62.1	39.0	29.1	16.8	21.8	7.9	

**Table 2b  
Eastbound Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>EB C-470 - Managed Lane</b>	Kipling	Wadsworth	1.454	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.4	1.5	1.5	1.5	1.5	1.4	1.4
	Wadsworth	Platte Canyon	1.530	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.5	1.4
	Platte Canyon	Santa Fe	1.569	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4
	Santa Fe	Lucent	1.403	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Lucent	Broadway	1.204	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	Broadway	University	1.473	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	University	Colorado	1.026	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9
	Colorado	Quebec	2.068	1.9	1.9	1.9	1.9	1.9	2.0	2.0	1.9	1.9	1.9	1.9	2.0	1.9	1.9
	Quebec	Yosemite	1.388	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>13.0</b>	<b>13.0</b>	<b>13.0</b>	<b>13.1</b>	<b>13.2</b>	<b>13.3</b>	<b>13.2</b>	<b>13.1</b>	<b>13.1</b>	<b>13.2</b>	<b>13.3</b>	<b>13.2</b>	<b>13.0</b>	<b>12.7</b>
<b>EB C-470 - General Purpose Lanes</b>	Kipling	Wadsworth	1.454	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.4	1.5	1.5	1.5	1.5	1.4	1.4
	Wadsworth	Platte Canyon	1.530	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.5	1.4
	Platte Canyon	Santa Fe	1.569	1.6	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5
	Santa Fe	Lucent	1.403	1.4	1.4	1.4	1.5	1.6	1.6	1.5	1.5	1.5	1.5	1.6	1.5	1.4	1.4
	Lucent	Broadway	1.204	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.2	1.2	1.2	1.3	1.3	1.2	1.2
	Broadway	University	1.473	1.5	1.5	1.5	1.5	1.7	2.2	2.3	1.5	1.5	1.5	1.9	2.0	1.5	1.4
	University	Colorado	1.026	1.1	1.1	1.1	1.1	1.2	2.2	2.2	1.1	1.0	1.0	1.2	1.4	1.0	1.0
	Colorado	Quebec	2.068	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.1	2.2	2.2	2.1	2.0
	Quebec	Yosemite	1.388	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.4	1.4	1.4	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>13.8</b>	<b>13.8</b>	<b>13.8</b>	<b>14.0</b>	<b>14.7</b>	<b>16.2</b>	<b>16.0</b>	<b>13.9</b>	<b>13.9</b>	<b>14.0</b>	<b>14.8</b>	<b>15.0</b>	<b>13.6</b>	<b>13.1</b>
<b>EB C-470 - Travel Time Saving</b>	Kipling	Wadsworth	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Wadsworth	Platte Canyon	1.530	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Platte Canyon	Santa Fe	1.569	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	Santa Fe	Lucent	1.403	0.1	0.1	0.1	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.3	0.2	0.1	0.1
	Lucent	Broadway	1.204	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1
	Broadway	University	1.473	0.1	0.1	0.1	0.1	0.3	0.8	0.9	0.1	0.1	0.1	0.5	0.6	0.1	0.1
	University	Colorado	1.026	0.1	0.1	0.1	0.1	0.2	1.3	1.2	0.1	0.1	0.1	0.2	0.5	0.1	0.0
	Colorado	Quebec	2.068	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.1
	Quebec	Yosemite	1.388	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.0
	Yosemite	I-25	0.635	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>Total</b>		<b>13.749</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>0.9</b>	<b>1.5</b>	<b>2.9</b>	<b>2.8</b>	<b>0.8</b>	<b>0.8</b>	<b>0.7</b>	<b>1.5</b>	<b>1.8</b>	<b>0.6</b>	<b>0.5</b>

**Table 2c**  
**I-25 Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>NB I-25</b>	Lincoln	C-470	1.323	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2
	C-470	Countyline	0.761	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
	Total		2.084	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
<b>SB I-25</b>	Countyline	C-470	0.761	0.8	0.8	0.8	0.8	1.0	1.0	1.0	0.9	0.9	0.9	1.0	0.9	0.9	
	C-470	Lincoln	1.323	1.3	1.3	1.3	1.3	1.4	1.5	1.6	1.7	1.4	1.5	1.8	1.5	1.4	
	Total		2.084	2.1	2.1	2.1	2.1	2.4	2.5	2.6	2.6	2.3	2.5	2.9	2.3	2.3	2.1

**Table 2d**  
**NB/SB I-25 Ramp to C-470 WB Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>NB I-25 - General Purpose</b>	Lincoln	Yosemite	1.963	2.3	2.3	2.7	4.3	8.3	15.0	18.1	12.1	8.6	2.9	3.0	2.8	3.2	
	Yosemite	Quebec	1.402	1.8	2.8	6.2	10.1	11.6	12.5	12.9	13.4	12.2	4.9	6.5	7.5	8.9	
	Total		3.365	4.1	5.1	8.9	14.3	19.9	27.4	31.1	25.5	20.8	7.7	9.5	10.3	12.1	6.0
<b>NB I-25 - Managed Lane</b>	Lincoln	Yosemite	1.967	2.2	2.2	2.3	2.5	5.1	11.5	13.0	7.1	4.2	2.3	2.4	2.3	2.2	
	Yosemite	Quebec	1.398	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	
	Total		3.364	3.8	3.8	3.9	4.1	6.6	13.1	14.6	8.7	5.8	3.9	4.0	3.8	3.9	3.7
<b>SB I-25 - General Purpose</b>	Countyline	Yosemite	1.142	1.2	1.3	1.7	4.2	8.4	11.0	9.7	8.2	7.4	2.5	2.3	2.0	2.9	
	Yosemite	Quebec	1.402	1.8	2.8	6.2	10.1	11.6	12.5	12.9	13.4	12.2	4.9	6.5	7.5	8.9	
	Total		2.544	3.1	4.1	7.9	14.2	19.9	23.5	22.6	21.6	19.6	7.4	8.7	9.5	11.8	5.0
<b>SB I-25 - Managed Lane</b>	Countyline	Yosemite	1.187	1.3	1.3	1.3	1.3	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.3	
	Yosemite	Quebec	1.398	1.5	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.4	1.5	
	Total		2.585	2.8	2.8	2.8	2.9	3.0	3.0	3.0	3.0	2.9	2.8	2.9	2.8	2.9	2.8

Table 3

Revenue and Transaction																																																			
User	Direction	From	To	Revenue																	Transactions											Average Toll Price (2013)																			
				13:00-13:30	13:30-14:00	14:00-14:30	14:30-15:00	15:00-15:30	15:30-16:00	16:00-16:30	16:30-17:00	17:00-17:30	17:30-18:00	18:00-18:30	18:30-19:00	19:00-19:30	19:30-20:00	Total	13:00-13:30	13:30-14:00	14:00-14:30	14:30-15:00	15:00-15:30	15:30-16:00	16:00-16:30	16:30-17:00	17:00-17:30	17:30-18:00	18:00-18:30	18:30-19:00	19:00-19:30	19:30-20:00	Total	1:00-1:30	1:30-2:00	2:00-2:30	2:30-3:00	3:00-3:30	3:30-4:00	4:00-4:30	4:30-5:00	5:00-5:30	5:30-6:00	6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	Total			
Transponder Users	Westbound	SB I-25	University	67	77	109	221	405	484	572	566	288	73	117	161	200	103	3,448	30	34	49	98	135	161	163	162	82	22	47	64	80	41	1,169	2.25	2.25	2.25	2.25	3.00	3.00	3.50	3.50	3.50	3.50	2.50	2.50	2.50	2.50	2.95			
			Broadway	24	32	42	93	156	281	263	228	161	133	99	61	106	41	1,720	5	7	9	21	26	47	38	33	23	19	18	11	21	8	286	4.50	4.50	4.50	4.50	6.00	6.00	7.00	7.00	7.00	7.00	5.00	5.00	5.00	5.00	6.02			
			Santa Fe	26	41	59	129	203	349	350	287	190	200	110	59	78	53	2,135	6	9	13	29	34	58	50	41	27	29	20	11	16	11	352	4.50	4.50	4.50	4.50	6.00	6.00	7.00	7.00	7.00	7.00	5.00	5.00	5.00	5.00	6.06			
			Wadsworth	9	9	3	21	53	100	218	216	209	412	284	66	26	20	1,646	1	1	0	3	6	12	22	22	20	40	33	8	3	3	175	6.75	6.75	7.00	7.00	8.50	8.50	10.00	10.00	10.00	10.00	10.25	8.50	8.50	7.50	7.50	9.38		
		NB I-25	University	42	54	84	146	189	176	232	289	253	80	72	106	146	95	1,963	19	24	37	65	63	59	66	83	72	23	29	42	58	38	678	2.25	2.25	2.25	2.25	3.00	3.00	3.50	3.50	3.50	3.50	2.50	2.50	2.50	2.50	2.90			
			Broadway	16	17	22	41	59	66	52	53	63	56	44	23	47	35	594	4	4	5	9	10	11	7	8	9	8	8	4	9	7	103	4.50	4.50	4.50	4.50	6.00	6.00	7.00	7.00	7.00	7.00	5.00	5.00	5.00	5.00	5.78			
			Santa Fe	21	35	41	86	71	89	94	119	136	146	114	42	79	54	1,125	5	8	9	19	12	15	13	17	19	21	21	8	16	11	193	4.50	4.50	4.50	4.50	6.00	6.00	7.00	7.00	7.00	7.00	5.00	5.00	5.00	5.00	5.84			
			Wadsworth	5	5	18	29	22	27	24	60	103	80	160	44	30	20	628	1	1	3	4	3	2	6	10	8	19	5	4	3	7	19	61	6.75	6.75	7.00	7.00	8.50	8.50	10.00	10.00	10.25	10.25	8.50	8.50	7.50	7.50	8.84		
		E-470	University	31	39	74	72	41	80	63	69	88	190	84	110	48	24	1,011	14	17	33	32	14	27	18	20	25	54	33	44	19	9	359	2.25	2.25	2.25	2.25	3.00	3.00	3.50	3.50	3.50	3.50	2.50	2.50	2.50	2.50	2.82			
			Broadway	11	7	32	37	7	73	221	204	174	682	301	68	21	30	1,868	2	2	7	8	1	12	32	29	25	97	55	12	4	6	293	4.50	4.50	4.50	4.50	6.00	6.00	7.00	7.00	7.00	7.00	5.00	5.00	5.00	5.00	6.38			
			Santa Fe	17	21	36	38	16	127	259	199	195	951	391	96	34	19	2,397	4	5	8	8	3	21	37	28	28	136	71	17	7	4	377	4.50	4.50	4.50	4.50	6.00	6.00	7.00	7.00	7.00	7.00	5.00	5.00	5.00	5.00	6.36			
			Wadsworth	3	3	8	7	0	14	152	278	285	1,035	587	168	30	20	2,589	0	0	1	1	0	272	28	28	101	69	20	4	3	272	6.75	6.75	7.00	7.00	-	8.50	10.00	10.25	10.25	8.50	8.50	7.50	7.50	9.53					
		Quebec	University	20	31	26	30	14	15	13	11	25	18	26	19	28	32	306	9	14	11	13	5	5	4	3	7	5	9	6	11	13	115	2.25	2.25	2.25	2.25	3.00	3.00	3.50	3.50	3.50	3.50	3.00	3.00	3.00	3.00	2.67			
			Broadway	36	27	26	36	41	43	43	39	26	46	77	43	35	35	552	16	12	12	16	14	14	12	11	7	13	26	14	14	14	195	2.25	2.25	2.25	2.25	3.00	3.00	3.50	3.50	3.50	3.50	3.00	3.00	3.00	3.00	2.83			
			Santa Fe	39	44	51	39	64	81	71	64	95	155	252	64	38	25	1,082	17	19	23	17	21	27	20	18	27	44	84	21	15	10	366	2.25	2.25	2.25	2.25	3.00	3.00	3.50	3.50	3.50	3.50	3.00	3.00	3.00	3.00	2.96			
			Wadsworth	18	14	14	29	34	26	38	57	69	108	228	64	7	4	710	4	3	3	6	6	5	6	9	10	16	38	11	1	1	119	4.50	4.50	4.50	4.50	6.00	6.00	7.00	7.00	7.00	7.00	5.00	5.00	5.00	5.00	5.98			
		University	Santa Fe	36	37	30	11	12	24	16	16	29	40	23	19	17	13	321	16	17	12	4	5	9	5	5	9	12	8	6	7	5	120	2.25	2.25	2.50	2.50	2.50	2.50	3.00	3.00	3.25	3.25	3.00	3.00	3.00	3.00	2.67			
			Wadsworth	52	59	46	24	38	49	59	115	143	144	75	41	17	10	872	23	26	18	9	15	20	20	38	44	44	25	14	7	4	308	2.25	2.25	2.50	2.50	2.50	2.50	3.00	3.00	3.25	3.25	3.00	3.00	3.00	3.00	2.83			
			Broadway	20	21	26	25	24	34	32	52	77	92	38	32	10	10	501	9	9	10	10	10	10	10	10	10	10	10	10	10	8	4	176	2.25	2.25	2.50	2.50	2.50	2.50	3.00	3.00	3.25	3.25	3.00	3.00	3.00	3.00	2.84		
			Westbound Total	494	573	747	1,112	1,448	2,138	2,773	2,923	2,607	4,644	3,080	1,285	1,204	639	25,466	185	213	264	373	381	521	542	578	497	721	624	330	304	193	5,726	2.67	2.65	2.83	2.98	3.80	4.10	5.11	5.06	5.24	6.44	4.93	3.89	3.30	3.32	4.45			
		Eastbound	Wadsworth	Broadway	34	37	41	38	58	58	51	39	53	58	71	50	44	34	667	17	19	21	19	29	25	20	26	29	36	25	22	17	34	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00		
				Quebec	19	17	18	26	22	21	16	14	18	23	25	21	10	7	256	10	8	9	13	11	11	8	7	9	12	13	11	5	4	128	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
				Yosemite	87	76	85	98	140	125	111	81	102	100	110	118	68	47	1,350	44	38	43	49	70	63	55	41	51	50	55	59	34	24	675	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
			Lucent	Quebec	16	16	14	15	15	28	22	16	17	18	18	15	12	7	229	8	8	7	7	8	14	11	8	8	9	9	8	6	3	115	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
				Yosemite	60	59	58	67	77	101	70	50	54	46	87	76	50	30	885	30	29	33	38	51	35	25	27	23	43	38	25	15	443	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	
				Quebec	6	10	9	10	7	9	8	8	14	16	14	11	9	2	135	3	5	4	5	4	5	4	5	4	5	4	5	1	67	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	
			Broadway	Yosemite	47	54	54	51	57	71	66	50	55	64	93	90	50	30	832	24	27	27	25	29	35	33	25	28	32	46	45	25	15	416	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
University	43			42	41	43	53	53	48	46	52	47	36	39	41	32	616	21	21	21	21	27	26	24	23	26	23	18	20	21	16	308	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00		
Eastbound Total	313			312	320	348	430	466	393	305	365	372	454	421	282	190	4,970	156	156	160	174	215	233	196	152	182	186	227	210	141	95	2,485	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00		
Total	807		885	1,067	1,460	1,878	2,604	3,166	3,228	2,972	5,016	3,534	1,706	1,286	828	30,436	341	369	424	547	596	754	739	750	680	907	851	540	445	287	8,211	2.36	2.40	2.52	2.67	3.15	3.45	4.29	4.42	4.37	5.53	4.15	3.16	2.89	2.88	3.71					
License Plate User	Westbound		SB I-25	University	52	61	94	172	322	391	487	444	230	65	91	114	151	67	2,741																																



Table 5a  
Westbound Managed Lane Speed

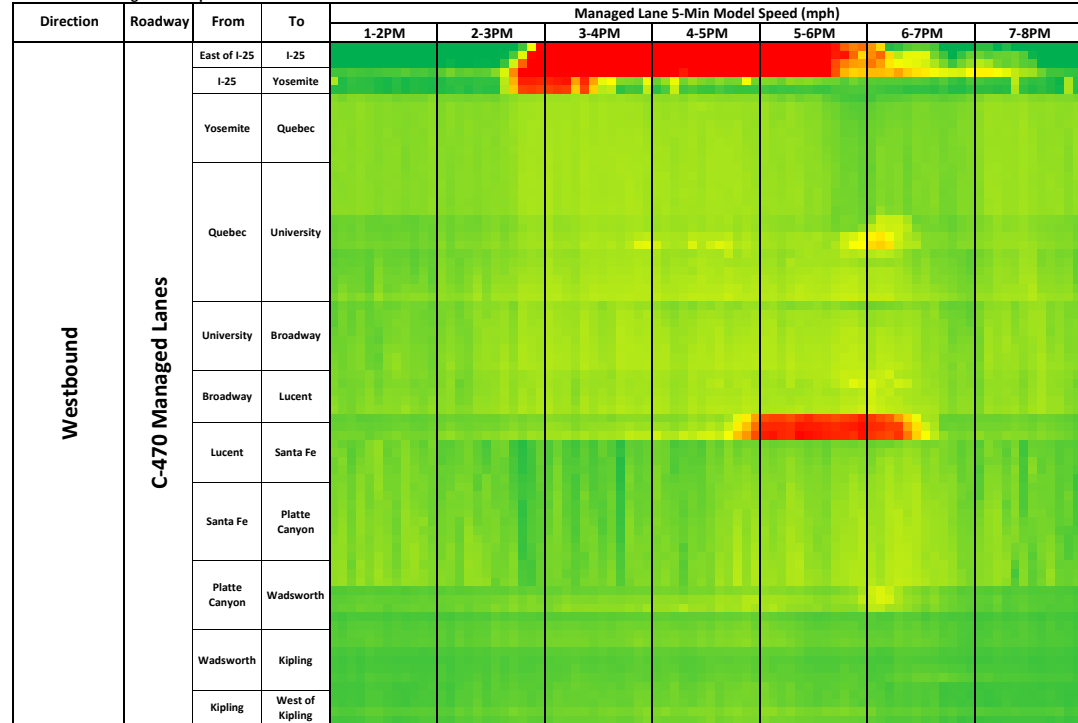


Table 5b  
Westbound General Purpose Lane Speed

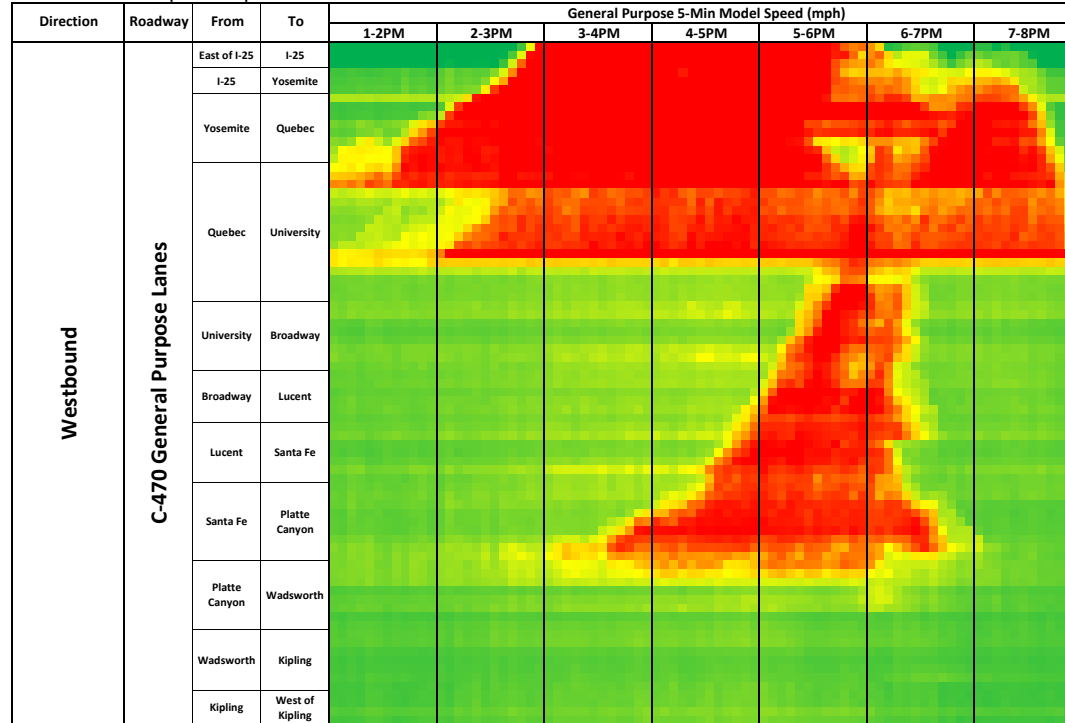


Table 5c  
Eastbound Managed Lane Speed

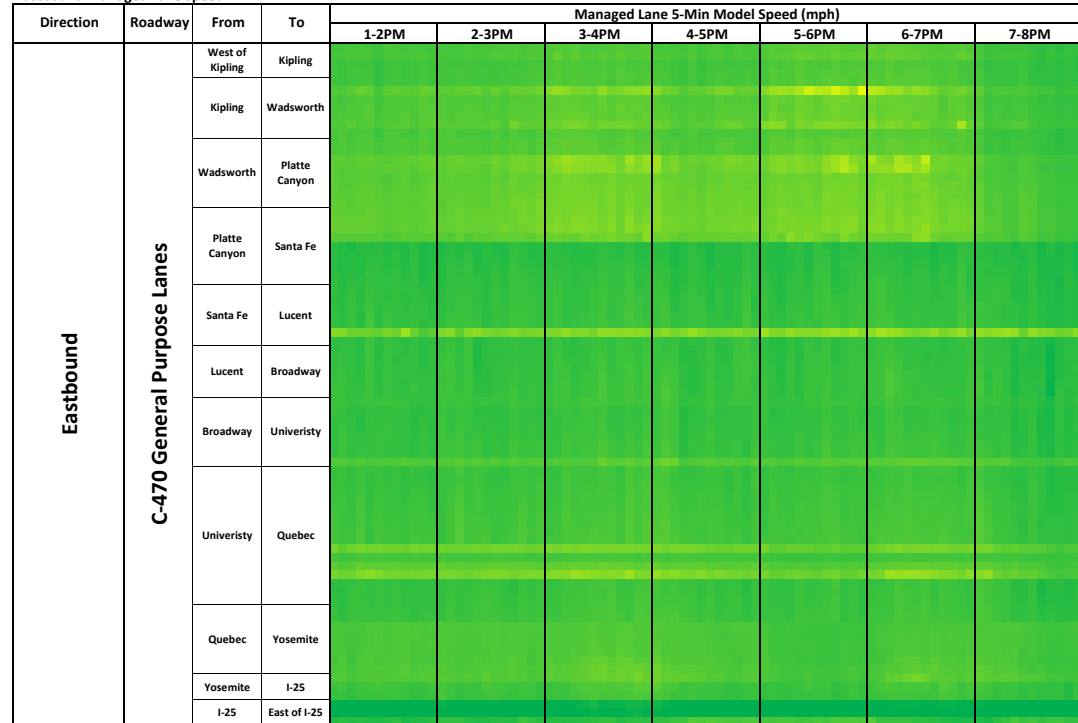


Table 5d  
Eastbound General Purpose Lane Speed

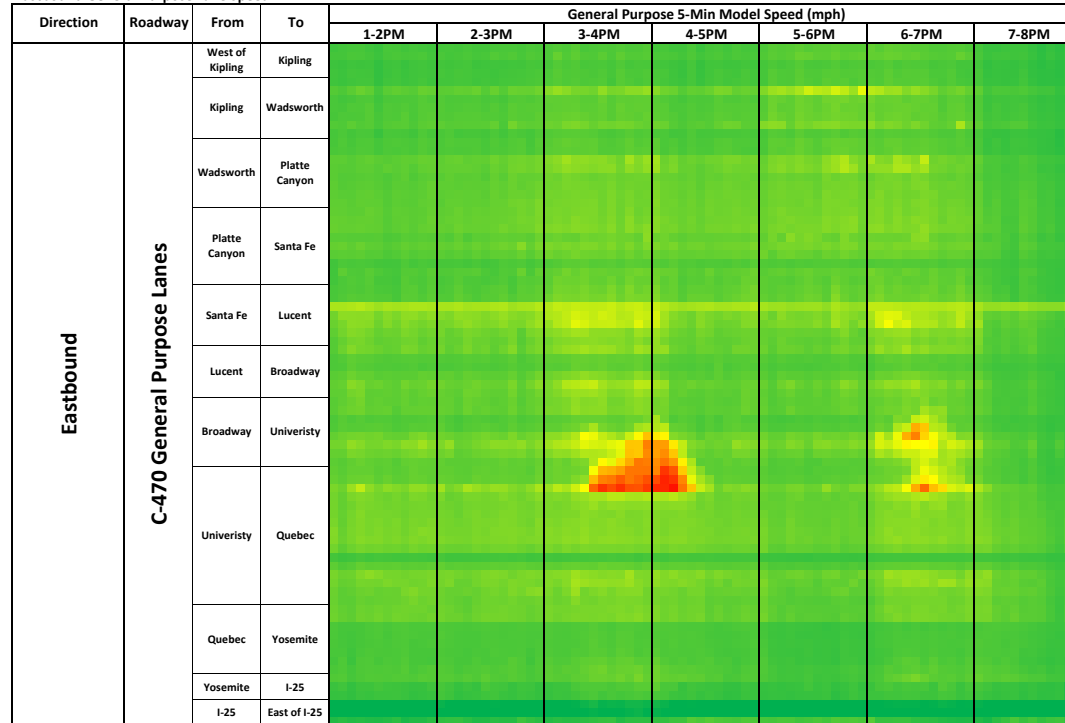


Table 5e  
NB I-25 Speed

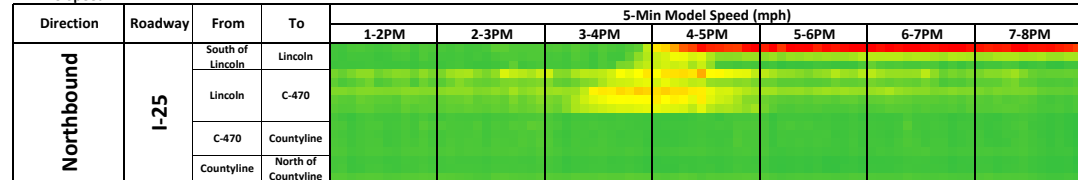


Table 5f  
SB I-25 Speed

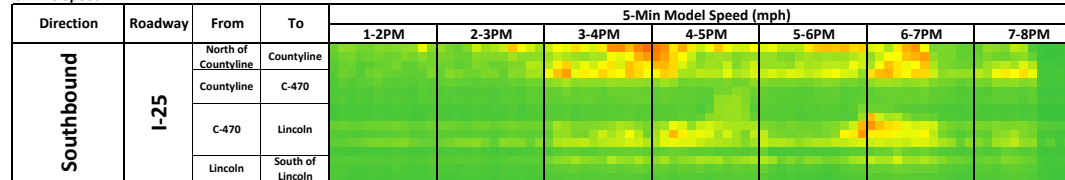


Table 6a  
Westbound Managed Lane Volume

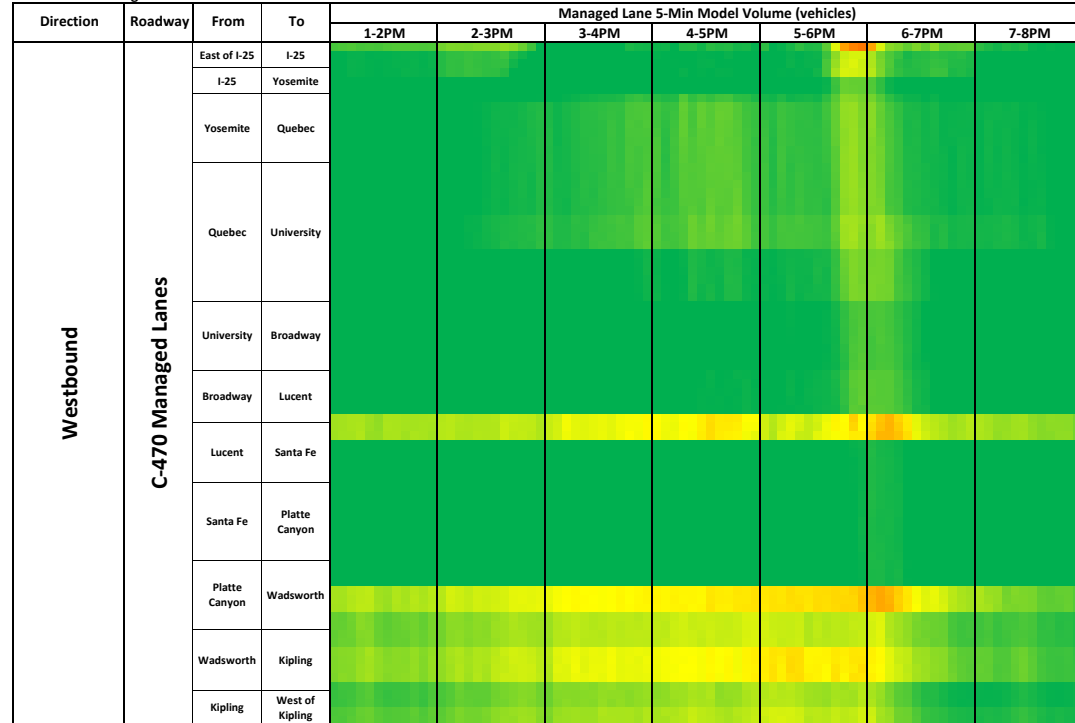


Table 6b  
Westbound General Purpose Lane Volume

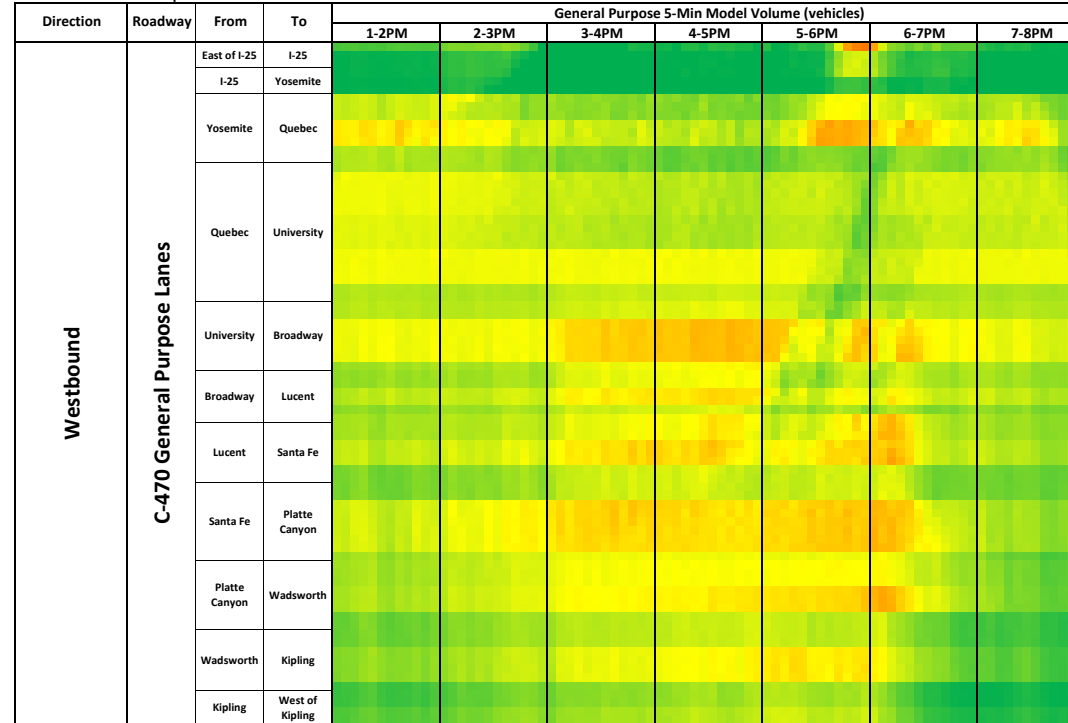


Table 6c  
Eastbound Managed Lane Volume

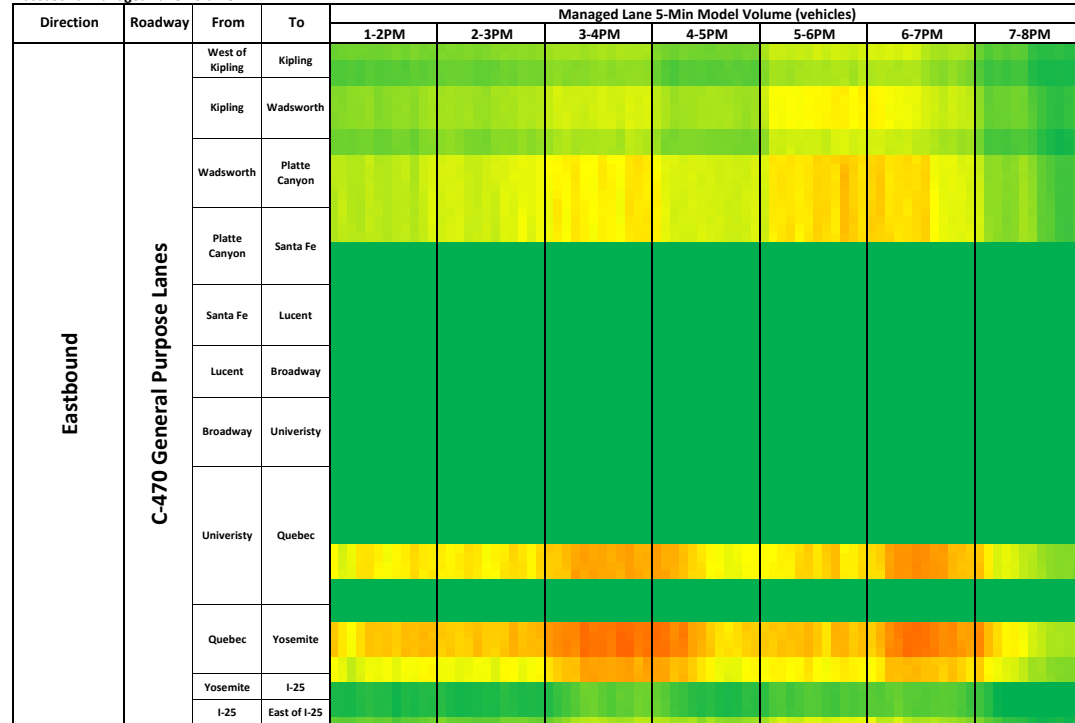


Table 6d  
Eastbound General Purpose Lane Volume

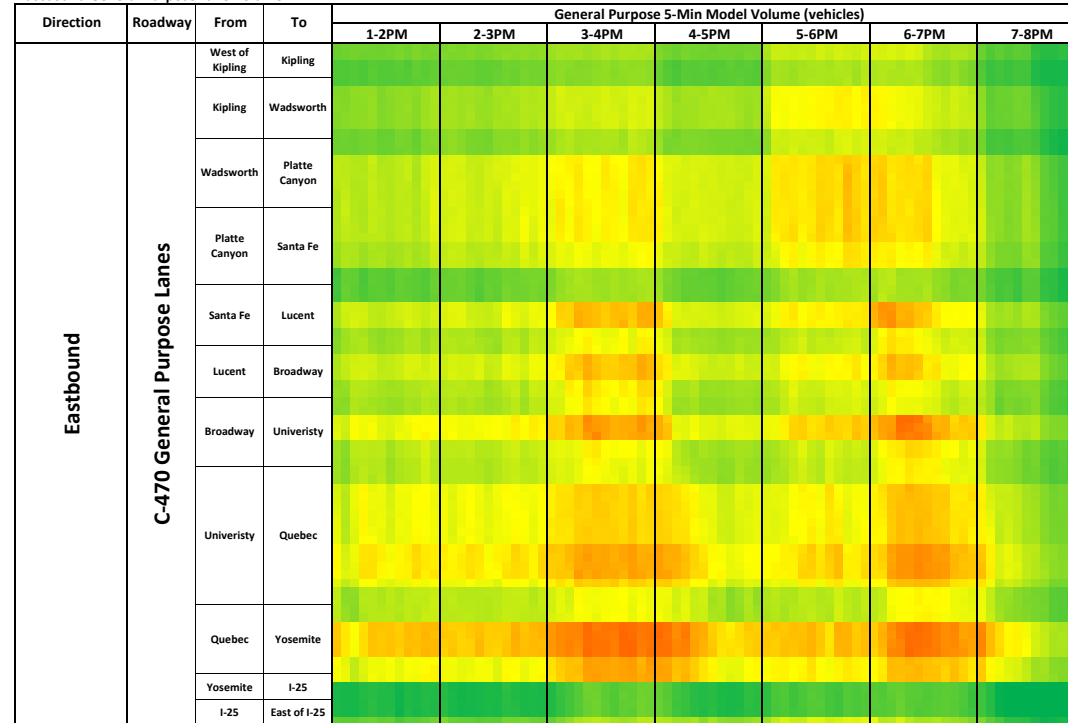


Table 6e  
NB I-25 Volume

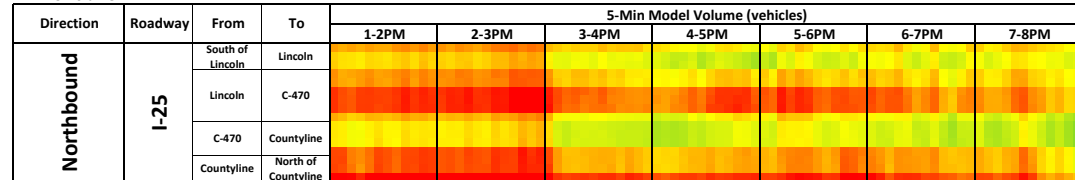
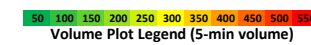
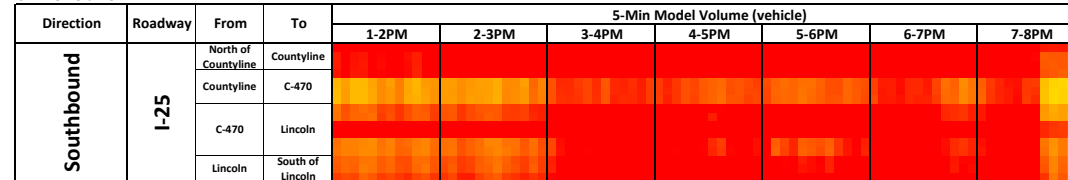


Table 6f  
SB I-25 Volume





## **Appendix F-5**

### **Option C Interim Fixed Pricing III 2035 AM**

**Table 1**  
**Network Summary**

Run#	Total VMT (veh-mi)	Total VHT (veh-hr)	Avg Spd (mph)	Avg Delay (s)	Latent Demand	Total Revenue (2013\$)
run1	1,716,415	63,223	27.15	290	14,845	\$40,326
run2	1,719,708	62,189	27.65	280	14,779	\$38,214
run3	1,709,905	62,689	27.28	289	18,053	\$41,151
run4	1,719,514	61,412	28.00	274	15,050	\$39,516
run5	1,632,018	77,392	21.09	447	28,674	\$45,015
run6						
run7						
run8						
run9						
run10						
Average	1,699,512	65,381	26.23	316	18,280	\$40,844

Revenue and Transaction by User Class

	Transponder	License Plate	Total
Revenue	\$28,496.55	\$12,347.70	\$40,844.25
Transaction	10,005	3,419	13,423
Avg Toll	\$2.85	\$3.61	\$3.04

Minimum Number of Runs Needed:

Mean	Speed (mph)	Revenue (\$)
	26.23	40,844
Standard Deviation	2.90	2571
Target Error %	1.0%	468
	2.5%	75
	3.5%	39
	5.0%	19
	10.0%	5
		2

**Table 2a**  
**Westbound Travel Time**

Direction	From	To	Distance (mi)	Model Travel Time (mins)													
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00
<b>WB C-470 - Managed Lane</b>	I-25	Yosemite	0.622	0.6	1.0	1.4	1.2	1.2	1.3	1.5	1.3	0.8	0.7	0.6	0.6	0.6	0.6
	Yosemite	Quebec	1.401	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5
	Quebec	Colorado	2.063	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	Colorado	University	1.030	1.0	1.0	1.0	1.1	1.1	1.0	1.0	1.1	1.1	1.1	1.0	1.0	1.0	1.0
	University	Broadway	1.489	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.5
	Broadway	Lucent	1.181	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.2	1.2	1.2	1.2
	Lucent	Santa Fe	1.403	1.4	1.4	1.4	1.3	1.4	1.4	1.4	1.5	1.5	1.4	1.4	1.4	1.4	1.4
	Santa Fe	Platte Canyon	1.581	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7
	Platte Canyon	Wadsworth	1.529	1.5	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	Wadsworth	Kipling	1.454	1.4	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	<b>Total</b>		<b>13.754</b>	<b>13.6</b>	<b>14.4</b>	<b>14.8</b>	<b>14.2</b>	<b>14.5</b>	<b>14.3</b>	<b>14.9</b>	<b>14.9</b>	<b>14.5</b>	<b>14.2</b>	<b>13.9</b>	<b>14.0</b>	<b>14.1</b>	<b>14.1</b>
<b>WB C-470 - General Purpose Lanes</b>	I-25	Yosemite	0.622	0.6	1.3	2.1	1.1	1.2	1.2	2.3	2.6	1.6	0.7	0.6	0.7	0.6	0.6
	Yosemite	Quebec	1.401	1.4	2.7	6.0	4.6	4.3	2.4	4.4	2.9	2.6	1.6	1.4	1.4	1.4	1.4
	Quebec	Colorado	2.063	2.1	3.2	5.5	7.0	6.4	5.7	2.6	3.1	2.1	2.2	2.1	2.3	2.3	2.3
	Colorado	University	1.030	1.1	1.2	1.4	1.3	1.3	1.3	1.2	1.3	1.1	1.2	1.1	1.1	1.2	1.2
	University	Broadway	1.489	1.5	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6
	Broadway	Lucent	1.181	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	Lucent	Santa Fe	1.403	1.4	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	Santa Fe	Platte Canyon	1.581	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.6	1.6	1.6
	Platte Canyon	Wadsworth	1.529	1.5	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Wadsworth	Kipling	1.454	1.4	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	<b>Total</b>		<b>13.540</b>	<b>13.7</b>	<b>17.5</b>	<b>24.0</b>	<b>22.9</b>	<b>21.9</b>	<b>19.3</b>	<b>19.1</b>	<b>18.5</b>	<b>15.8</b>	<b>14.2</b>	<b>13.6</b>	<b>14.2</b>	<b>14.3</b>	<b>14.1</b>
<b>WB C-470 - Travel Time Saving</b>	I-25	Yosemite	0.622	0.1	0.2	0.7	-0.1	-0.1	-0.1	0.8	1.4	0.8	0.0	0.1	0.1	0.1	0.1
	Yosemite	Quebec	1.401	0.0	1.3	4.7	3.2	3.0	1.0	3.0	1.5	1.2	0.2	-0.1	0.0	0.0	-0.1
	Quebec	Colorado	2.063	0.0	1.1	3.4	4.9	4.3	3.7	0.5	0.9	-0.1	0.1	-0.1	0.1	0.1	0.1
	Colorado	University	1.030	0.1	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.0	0.1	0.0	0.1	0.2	0.1
	University	Broadway	1.489	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.0	-0.1	0.0	0.0	0.1	0.1	0.1
	Broadway	Lucent	1.181	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.0
	Lucent	Platte Canyon	1.403	0.0	0.1	0.1	0.1	0.0	0.1	0.0	0.0	-0.1	0.0	-0.1	0.0	0.0	0.0
	Platte Canyon	Santa Fe	1.581	0.0	0.0	0.0	0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
	Santa Fe	Wadsworth	1.529	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
	Wadsworth	Kipling	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>Total</b>		<b>13.540</b>	<b>0.1</b>	<b>3.1</b>	<b>9.3</b>	<b>8.7</b>	<b>7.4</b>	<b>5.0</b>	<b>4.2</b>	<b>3.6</b>	<b>1.4</b>	<b>0.0</b>	<b>-0.4</b>	<b>0.1</b>	<b>0.2</b>	<b>0.0</b>

**Table 2b**  
**Eastbound Travel Time**

Direction	From	To	Distance (mi)	Model Travel Time (mins)													
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00
EB C-470 - Managed Lane	Kipling	Wadsworth	1.454	1.4	4.0	6.9	7.0	6.9	7.0	7.1	7.5	12.9	11.3	8.8	9.5	6.3	3.1
	Wadsworth	Platte Canyon	1.530	1.6	2.9	3.4	3.3	3.3	3.4	3.3	3.6	11.4	7.2	9.3	9.4	3.3	2.3
	Platte Canyon	Santa Fe	1.569	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.7	4.3	3.3	5.4	3.0	2.0	1.6
	Santa Fe	Lucent	1.403	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.7	1.4	6.4	6.1	1.8	1.3	1.3
	Lucent	Broadway	1.204	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.2	1.4	7.0	4.6	1.6	1.1	1.1
	Broadway	University	1.473	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.7	2.8	10.3	5.2	2.0	1.4	1.4
	University	Colorado	1.026	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	3.9	6.2	2.0	1.1	1.0	1.0
	Colorado	Quebec	2.068	1.9	2.0	2.0	2.0	2.0	2.3	13.3	5.7	13.5	13.1	4.9	2.4	2.0	2.0
	Quebec	Yosemite	1.388	1.3	1.3	1.4	1.4	1.5	4.3	16.9	7.6	18.4	7.1	5.2	4.3	1.7	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.7	1.3	1.2	1.5	2.9	0.9	0.9	0.8	0.6	0.6
	Total		13.749	13.1	17.1	20.7	20.8	20.8	24.7	48.3	33.5	72.8	72.9	52.5	36.0	20.9	15.8
EB C-470 - General Purpose Lanes	Kipling	Wadsworth	1.454	1.4	4.0	6.9	7.0	6.9	7.0	7.1	7.5	12.9	11.3	8.8	9.5	6.3	3.1
	Wadsworth	Platte Canyon	1.530	1.6	2.9	3.4	3.3	3.3	3.4	3.3	3.6	11.4	7.2	9.3	9.4	3.3	2.3
	Platte Canyon	Santa Fe	1.569	1.6	1.6	1.6	1.6	1.6	1.6	1.6	5.8	17.5	13.5	19.1	15.4	2.1	1.7
	Santa Fe	Lucent	1.403	1.5	1.8	3.9	3.1	1.8	1.6	3.0	26.0	21.3	21.4	27.4	14.0	1.6	1.5
	Lucent	Broadway	1.204	1.3	2.5	4.3	4.0	3.1	2.1	4.9	22.3	12.7	19.7	16.2	3.8	1.5	1.3
	Broadway	University	1.473	1.5	2.3	3.9	4.1	4.4	4.0	7.1	18.0	15.0	23.4	11.1	3.8	2.7	1.5
	University	Colorado	1.026	1.0	1.2	1.9	2.3	2.4	2.5	8.5	8.7	12.0	15.2	3.2	2.2	2.0	1.3
	Colorado	Quebec	2.068	2.1	2.2	2.2	2.1	2.1	2.8	22.8	13.3	28.0	16.1	4.4	2.9	2.2	2.1
	Quebec	Yosemite	1.388	1.4	1.4	1.4	1.4	1.5	4.8	18.9	12.1	29.9	11.8	6.4	4.7	1.9	1.4
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.7	1.3	1.2	1.5	2.9	0.9	0.9	0.8	0.6	0.6
	Total		13.749	14.0	20.4	30.1	29.6	27.8	31.1	78.4	118.8	163.6	140.7	106.9	66.6	24.2	16.8
EB C-470 - Travel Time Saving	Kipling	Wadsworth	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Wadsworth	Platte Canyon	1.530	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Platte Canyon	Santa Fe	1.569	0.1	0.1	0.1	0.1	0.1	0.1	0.1	4.1	13.1	10.1	13.8	12.4	0.1	0.1
	Santa Fe	Lucent	1.403	0.2	0.5	2.5	1.7	0.4	0.2	1.7	24.3	19.9	15.0	21.3	12.2	0.2	0.2
	Lucent	Broadway	1.204	0.2	1.3	3.2	2.9	2.0	1.0	3.7	21.1	11.3	12.7	11.6	2.1	0.4	0.1
	Broadway	University	1.473	0.1	0.9	2.5	2.6	2.9	2.6	5.7	16.3	12.2	13.1	5.9	1.9	1.3	0.1
	University	Colorado	1.026	0.1	0.2	0.9	1.3	1.4	1.5	7.5	7.5	8.2	9.1	1.2	1.1	1.0	0.3
	Colorado	Quebec	2.068	0.2	0.2	0.2	0.1	0.1	0.5	9.5	7.6	14.6	3.0	-0.5	0.6	0.2	0.2
	Quebec	Yosemite	1.388	0.1	0.1	0.1	0.0	0.0	0.5	1.9	4.5	11.5	4.7	1.2	0.4	0.2	0.0
	Yosemite	I-25	0.635	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total		13.749	0.9	3.3	9.4	8.8	7.0	6.4	30.1	85.3	90.8	67.7	54.4	30.6	3.3	1.0







Table 5a  
Westbound Managed Lane Speed

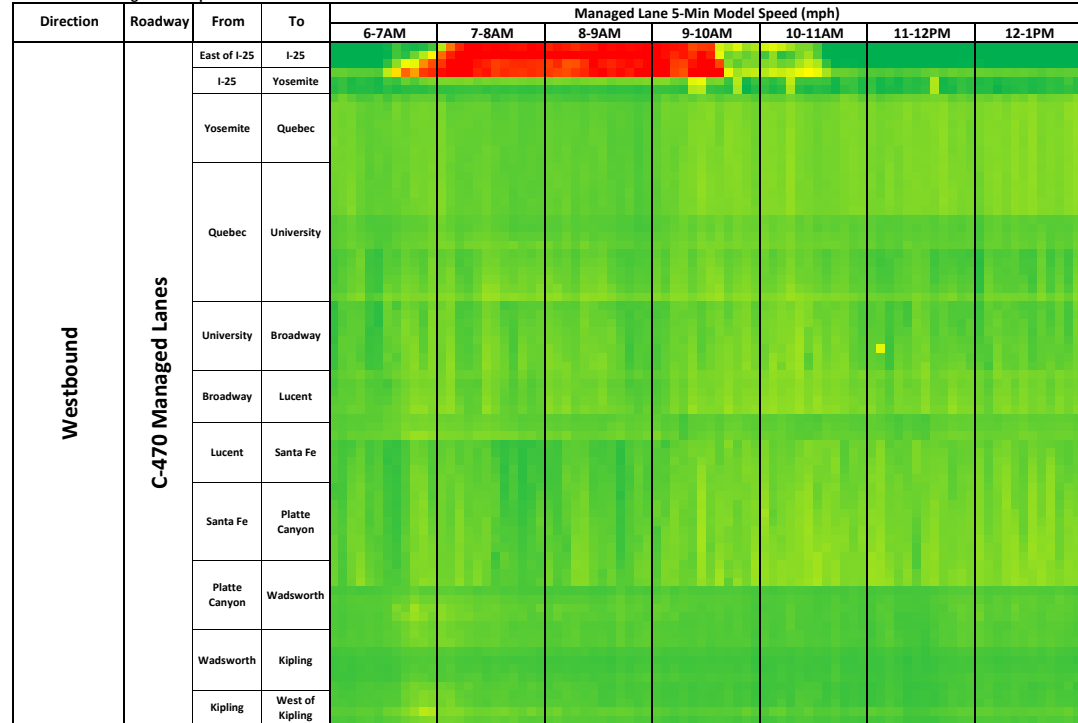


Table 5b  
Westbound General Purpose Lane Speed

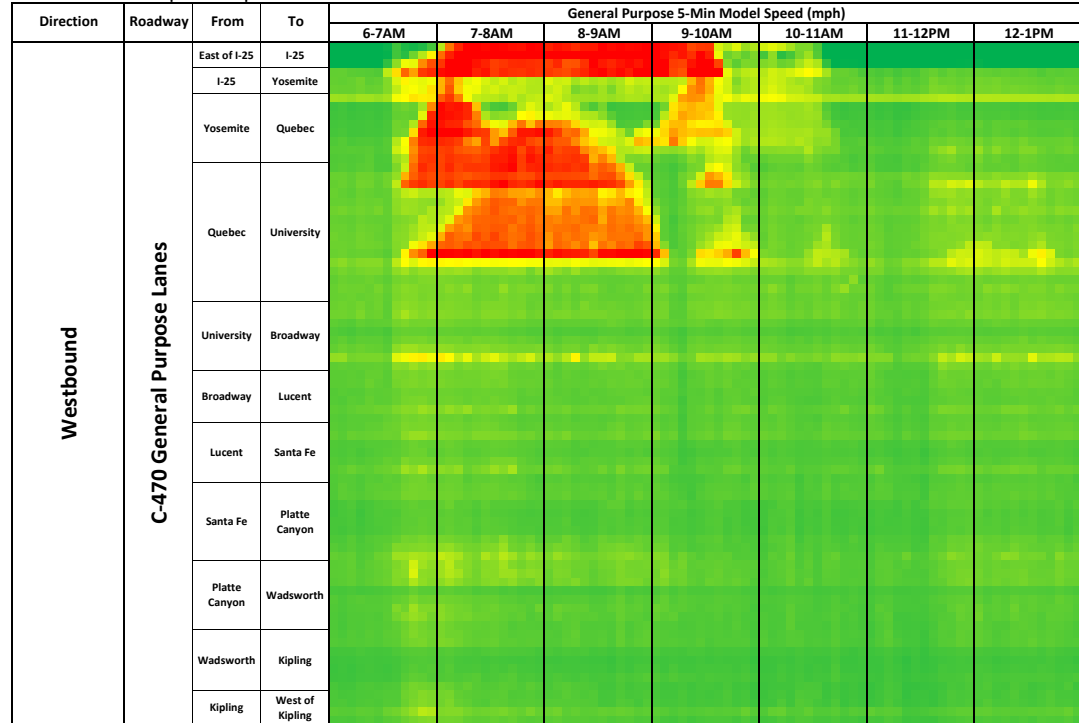


Table 5c  
Eastbound Managed Lane Speed

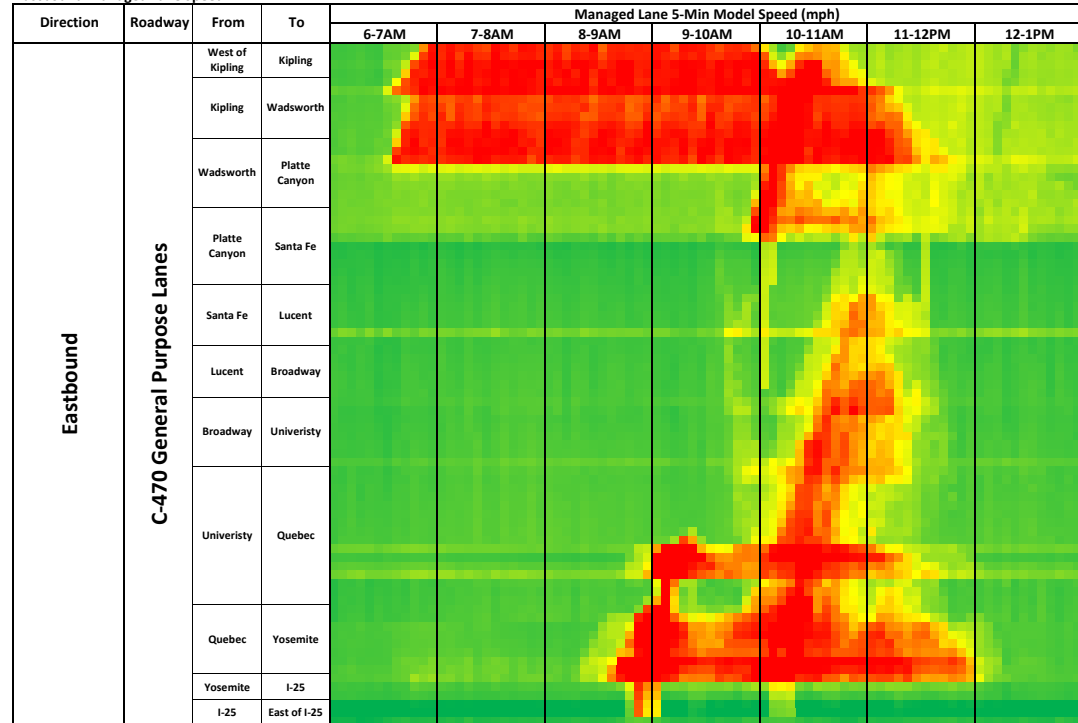


Table 5d  
Eastbound General Purpose Lane Speed

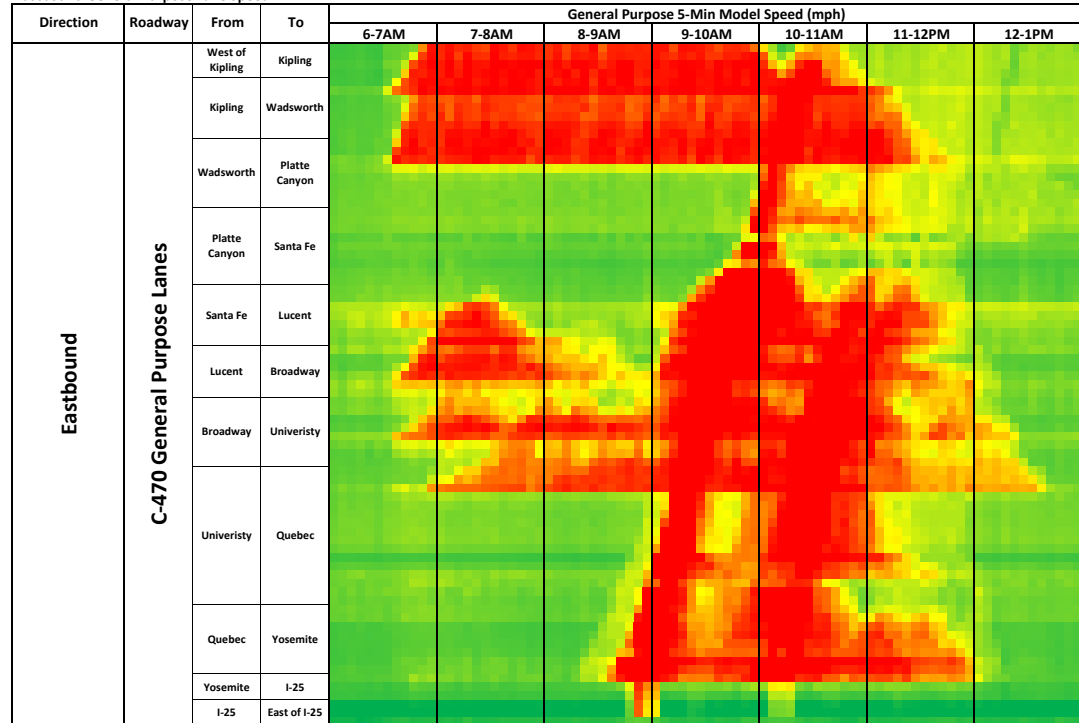


Table 5e  
NB I-25 Speed

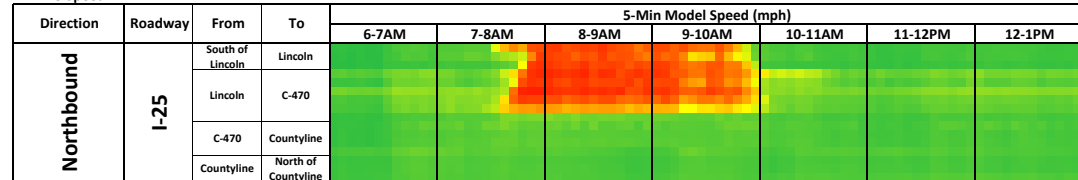


Table 5f  
SB I-25 Speed

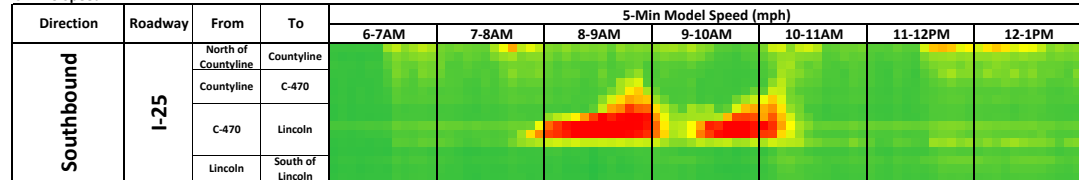




Table 6a  
Westbound Managed Lane Volume

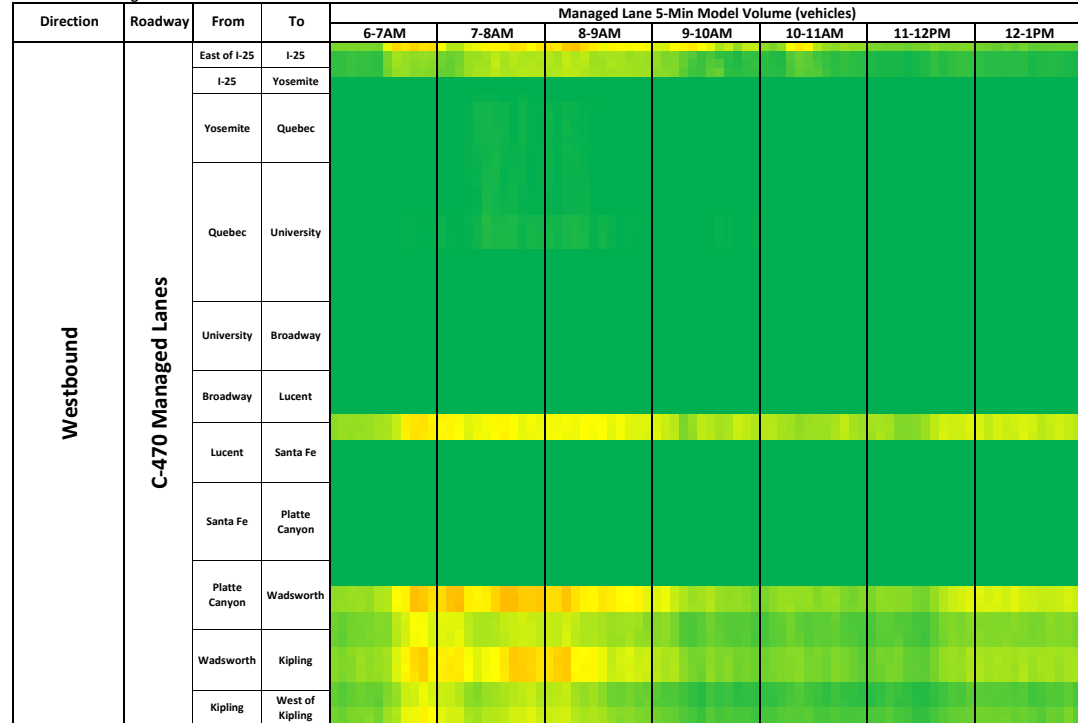


Table 6b  
Westbound General Purpose Lane Volume

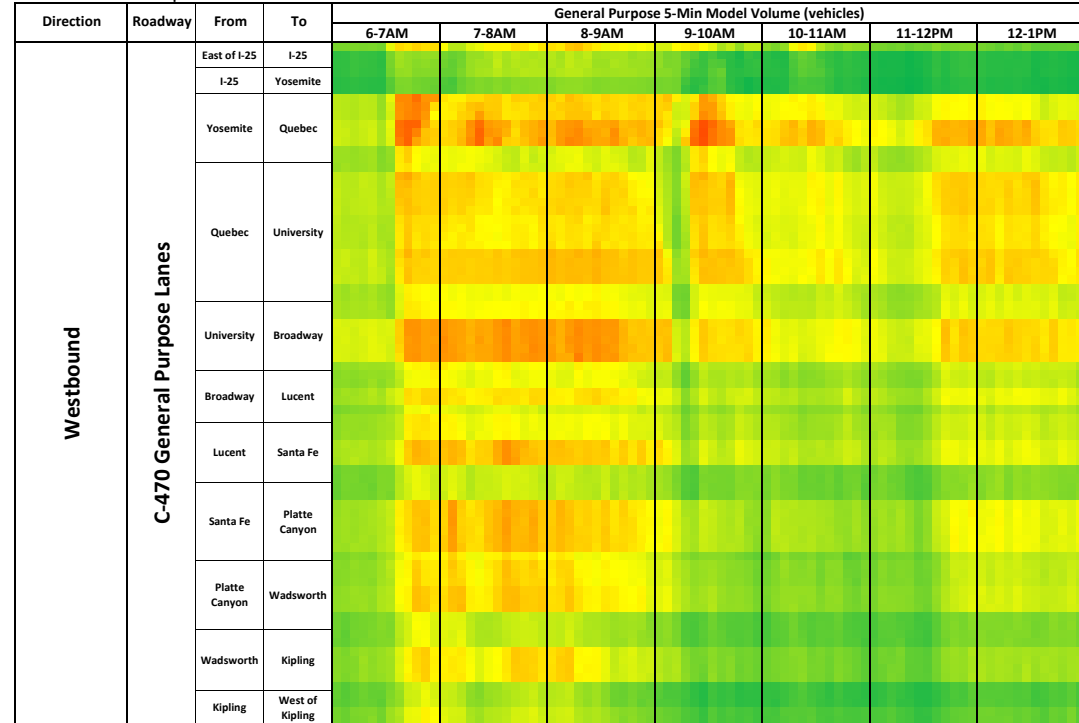


Table 6c  
Eastbound Managed Lane Volume

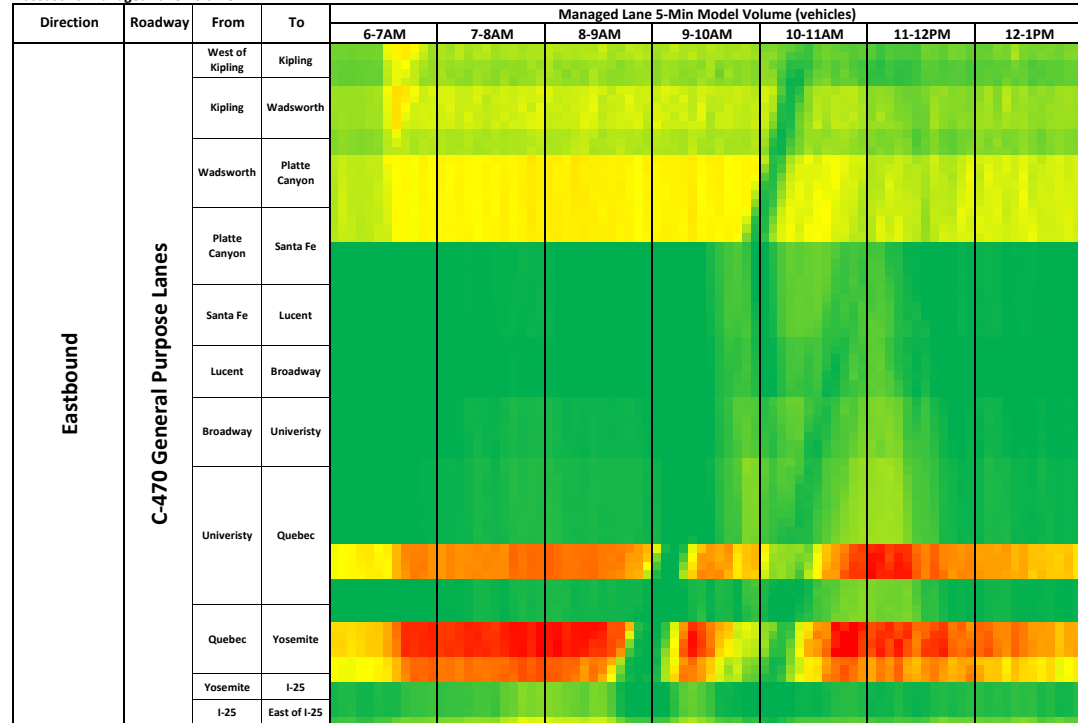


Table 6d  
Eastbound General Purpose Lane Volume

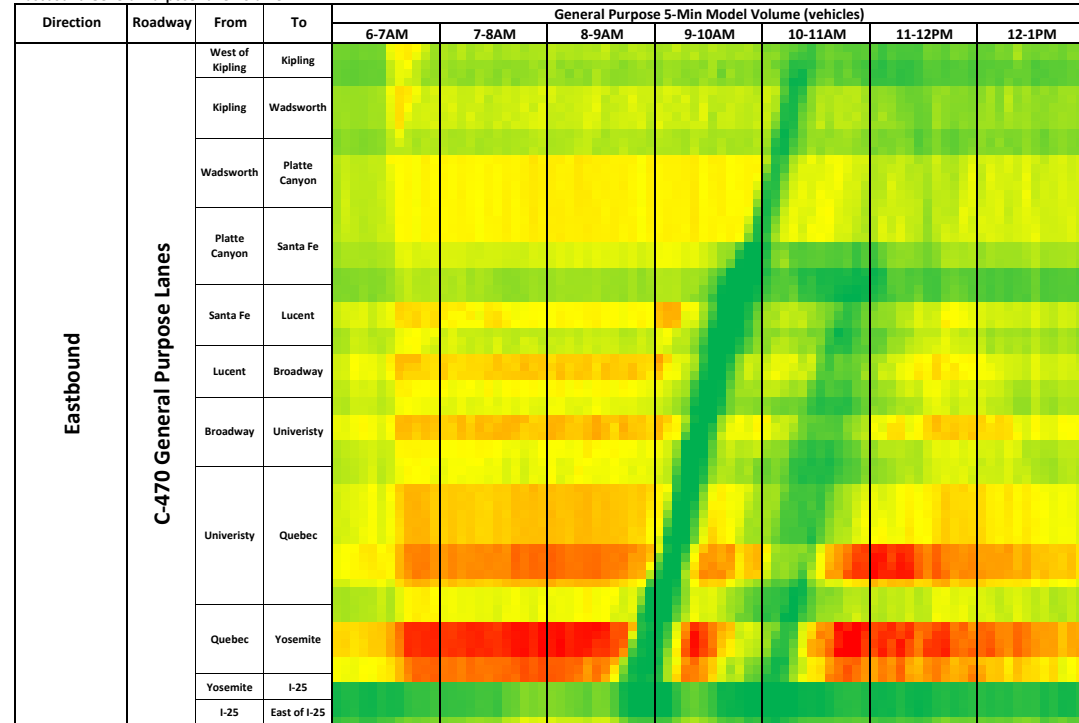


Table 6e  
NB I-25 Volume

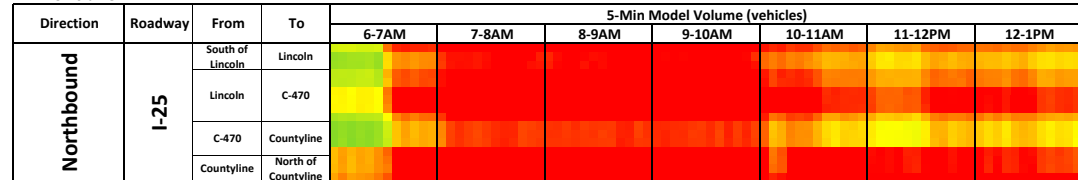
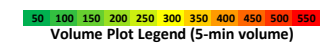
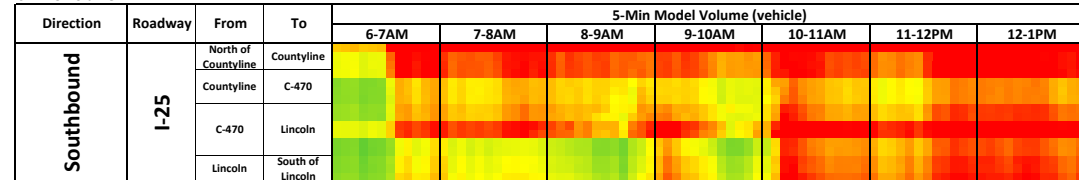


Table 6f  
SB I-25 Volume



## **Appendix F-6**

### **Option C Interim Fixed Pricing III 2035 PM**

**Table 1**  
**Network Summary**

Run#	Total VMT (veh-mi)	Total VHT (veh-hr)	Avg Spd (mph)	Avg Delay (s)	Latent Demand	Total Revenue (2013\$)
run1	1,802,598	62,031	29.06	232	22,433	\$72,427
run2	1,789,695	61,293	29.20	229	24,638	\$67,930
run3	1,792,332	62,473	28.69	238	24,947	\$65,636
run4	1,799,009	61,944	29.04	233	24,342	\$68,127
run5	1,783,759	63,600	28.05	249	26,733	\$71,577
run6						
run7						
run8						
run9						
run10						
Average	1,793,479	62,268	28.81	236	24,619	\$69,139

Revenue and Transaction by User Class

	Transponder	License Plate	Total
Revenue	\$48,901.00	\$20,238.30	\$69,139.30
Transaction	11,233	4,014	15,247
Avg Toll	\$4.35	\$5.04	\$4.53

Minimum Number of Runs Needed:

	Mean	Speed (mph)	Revenue (\$)
		28.81	69,139
Standard Deviation		0.47	2807
Target Error %	1.0%	11	64
	2.5%	2	11
	3.5%	1	6
	5.0%	1	3
	10.0%	1	1

Table 2a  
Westbound Travel Time

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
WB C-470 - Managed Lane	I-25	Yosemite	0.622	0.6	0.6	0.7	11.8	13.5	6.3	2.6	2.2	2.2	2.1	0.9	0.6	0.6	0.9
	Yosemite	Quebec	1.401	1.5	1.5	1.5	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.4	1.5	1.5
	Quebec	Colorado	2.063	2.2	2.2	2.2	2.3	2.4	2.3	2.3	2.2	2.3	2.5	3.8	8.3	2.1	2.2
	Colorado	University	1.030	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.0	1.0
	University	Broadway	1.489	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.5	1.5
	Broadway	Lucent	1.181	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.5	1.6	1.7	1.4	1.2	1.2
	Lucent	Santa Fe	1.403	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.6	1.8	1.8	1.6	1.4	1.5
	Santa Fe	Platte Canyon	1.581	1.7	1.6	1.6	1.6	1.6	1.7	1.8	1.8	1.7	1.8	1.8	1.8	1.7	1.7
	Platte Canyon	Wadsworth	1.529	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.8	1.7	1.7	1.8	1.8	1.6	1.6
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.5	1.5	1.4	1.4
	Total		13.754	14.3	14.2	14.4	25.9	27.8	20.7	17.0	16.7	16.9	17.2	17.8	21.3	13.9	14.5
WB C-470 - General Purpose Lanes	I-25	Yosemite	0.622	0.9	8.4	26.4	47.8	63.3	50.3	26.7	26.1	25.7	23.7	5.7	1.4	6.8	8.1
	Yosemite	Quebec	1.401	6.7	9.0	11.1	13.7	13.5	11.9	11.8	13.7	14.8	9.9	5.9	9.0	9.0	6.4
	Quebec	Colorado	2.063	4.0	5.8	8.3	8.8	9.8	9.6	9.5	8.4	12.9	23.0	18.1	6.5	6.1	6.4
	Colorado	University	1.030	1.3	1.4	1.4	1.4	1.4	1.4	2.6	6.6	13.5	8.5	1.6	1.4	1.4	
	University	Broadway	1.489	1.5	1.6	1.6	1.6	1.7	1.7	1.8	6.1	10.6	14.9	7.9	2.0	1.5	1.5
	Broadway	Lucent	1.181	1.2	1.2	1.3	1.3	1.3	1.4	3.0	7.0	9.3	9.1	6.4	1.5	1.2	1.2
	Lucent	Santa Fe	1.403	1.4	1.5	1.5	1.5	1.6	3.4	6.7	7.5	8.3	7.0	5.6	3.3	1.4	1.4
	Santa Fe	Platte Canyon	1.581	1.7	1.7	1.8	2.2	3.5	5.5	5.7	5.9	6.0	5.3	5.0	5.5	5.2	2.5
	Platte Canyon	Wadsworth	1.529	1.6	1.6	1.6	1.8	1.9	2.0	2.0	2.0	2.1	2.0	2.0	1.8	1.6	1.5
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.5	1.5	1.4	1.4
	Total		13.540	21.8	33.6	56.4	81.6	99.5	88.8	70.2	78.9	96.5	114.8	70.5	30.9	35.6	31.9
WB C-470 - Travel Time Saving	I-25	Yosemite	0.622	0.3	7.9	25.7	36.0	49.9	44.0	24.1	24.0	23.5	21.6	4.9	0.8	6.2	7.2
	Yosemite	Quebec	1.401	5.2	7.5	9.6	12.1	12.0	10.4	10.4	10.3	12.2	13.3	8.3	4.5	7.5	4.9
	Quebec	Colorado	2.063	1.8	3.6	6.0	6.4	7.4	7.3	7.3	6.2	10.6	20.5	14.3	-1.8	4.0	4.2
	Colorado	University	1.030	0.2	0.3	0.3	0.3	0.2	0.2	0.3	1.4	5.4	12.3	7.3	0.4	0.4	0.3
	University	Broadway	1.489	0.0	0.0	0.0	-0.1	0.0	0.0	0.1	4.4	8.9	13.2	6.2	0.3	0.1	0.0
	Broadway	Lucent	1.181	0.0	0.0	0.0	0.0	0.0	0.0	1.6	5.6	7.8	7.6	4.7	0.1	0.0	0.0
	Lucent	Platte Canyon	1.403	0.0	0.1	0.1	0.2	0.2	2.0	5.2	6.0	6.7	5.2	3.7	1.7	0.0	0.0
	Platte Canyon	Santa Fe	1.581	0.0	0.1	0.2	0.6	1.8	3.9	4.0	4.1	4.2	3.5	3.2	3.7	3.5	0.8
	Santa Fe	Wadsworth	1.529	0.0	0.0	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.0	0.0	-0.1
	Wadsworth	Kipling	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total		13.540	7.5	19.4	42.0	55.7	71.7	68.1	53.2	62.2	79.7	97.6	52.7	9.6	21.7	17.4

**Table 2b**  
**Eastbound Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>EB C-470 - Managed Lane</b>	Kipling	Wadsworth	1.454	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.4	1.5	1.5	1.5	1.5	1.4	1.4
	Wadsworth	Platte Canyon	1.530	1.5	1.5	1.6	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.7	1.7	1.5	1.4
	Platte Canyon	Santa Fe	1.569	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4
	Santa Fe	Lucent	1.403	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Lucent	Broadway	1.204	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	Broadway	University	1.473	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	University	Colorado	1.026	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Colorado	Quebec	2.068	1.9	1.9	1.9	1.9	1.9	2.0	2.0	1.9	1.9	1.9	1.9	1.9	2.0	1.9
	Quebec	Yosemite	1.388	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.2</b>	<b>13.4</b>	<b>13.5</b>	<b>13.3</b>	<b>13.1</b>	<b>13.2</b>	<b>13.3</b>	<b>13.4</b>	<b>13.4</b>	<b>13.0</b>	<b>12.7</b>
<b>EB C-470 - General Purpose Lanes</b>	Kipling	Wadsworth	1.454	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.4	1.5	1.5	1.5	1.5	1.4	1.4
	Wadsworth	Platte Canyon	1.530	1.5	1.5	1.6	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.7	1.7	1.5	1.4
	Platte Canyon	Santa Fe	1.569	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5
	Santa Fe	Lucent	1.403	1.5	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.5	1.5	1.6	1.5	1.4	1.3
	Lucent	Broadway	1.204	1.2	1.2	1.2	1.3	1.3	1.3	1.4	1.2	1.2	1.2	1.3	1.2	1.2	1.2
	Broadway	University	1.473	1.5	1.5	1.5	1.6	1.7	2.9	3.9	1.5	1.5	1.5	1.9	3.0	1.7	1.4
	University	Colorado	1.026	1.1	1.1	1.1	1.2	1.4	2.4	2.4	1.1	1.0	1.0	1.4	2.3	1.6	1.0
	Colorado	Quebec	2.068	2.2	2.2	2.1	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.2	2.1	2.0
	Quebec	Yosemite	1.388	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.4	1.4	1.4	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>14.0</b>	<b>14.0</b>	<b>14.0</b>	<b>14.4</b>	<b>14.9</b>	<b>17.4</b>	<b>18.0</b>	<b>14.0</b>	<b>14.0</b>	<b>14.0</b>	<b>15.1</b>	<b>17.0</b>	<b>14.4</b>	<b>13.1</b>
<b>EB C-470 - Travel Time Saving</b>	Kipling	Wadsworth	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Wadsworth	Platte Canyon	1.530	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Platte Canyon	Santa Fe	1.569	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
	Santa Fe	Lucent	1.403	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.1	0.2	0.2	0.3	0.2	0.1	0.1
	Lucent	Broadway	1.204	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.1
	Broadway	University	1.473	0.1	0.1	0.2	0.2	0.3	1.5	2.5	0.1	0.1	0.1	0.5	1.6	0.3	0.0
	University	Colorado	1.026	0.1	0.1	0.1	0.2	0.4	1.5	1.4	0.1	0.1	0.1	0.4	1.4	0.6	0.0
	Colorado	Quebec	2.068	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.1
	Quebec	Yosemite	1.388	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.0
	Yosemite	I-25	0.635	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>Total</b>		<b>13.749</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>1.2</b>	<b>1.6</b>	<b>3.9</b>	<b>4.7</b>	<b>0.9</b>	<b>0.8</b>	<b>0.8</b>	<b>1.7</b>	<b>3.6</b>	<b>1.4</b>	<b>0.4</b>

**Table 2c**  
**I-25 Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>NB I-25</b>	Lincoln	C-470	1.323	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2
	C-470	Countyline	0.761	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
	Total		2.084	2.0	2.0	2.0	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
<b>SB I-25</b>	Countyline	C-470	0.761	0.8	0.8	0.8	0.9	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.9	0.9	
	C-470	Lincoln	1.323	1.3	1.3	1.3	1.4	1.4	1.5	1.8	1.6	1.5	1.4	1.5	1.5	1.3	
	Total		2.084	2.1	2.2	2.2	2.3	2.5	2.5	2.9	2.6	2.5	2.4	2.5	2.5	2.4	2.2

**Table 2d**  
**NB/SB I-25 Ramp to C-470 WB Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>NB I-25 - General Purpose</b>	Lincoln	Yosemite	1.963	2.5	3.4	4.6	9.1	13.8	13.2	6.8	5.6	5.8	4.8	3.6	2.7	3.8	3.4
	Yosemite	Quebec	1.402	6.7	8.9	11.1	13.7	13.5	11.9	11.8	13.7	14.8	9.8	5.9	9.0	6.4	
	Total		3.365	9.2	12.3	15.7	22.7	27.3	25.1	18.7	17.4	19.5	19.6	13.4	8.7	12.8	9.8
<b>NB I-25 - Managed Lane</b>	Lincoln	Yosemite	1.967	2.3	2.3	2.4	5.2	9.7	9.2	3.7	3.2	2.9	2.5	2.7	2.5	2.3	2.3
	Yosemite	Quebec	1.398	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	
	Total		3.364	3.9	3.9	4.0	6.8	11.3	10.8	5.3	4.8	4.5	4.1	4.3	4.1	3.9	3.9
<b>SB I-25 - General Purpose</b>	Countyline	Yosemite	1.142	1.4	2.9	5.0	9.8	12.2	7.7	5.4	5.6	5.7	6.1	3.1	1.7	3.6	3.8
	Yosemite	Quebec	1.402	6.7	8.9	11.1	13.7	13.5	11.9	11.9	11.8	13.7	14.8	9.8	5.9	9.0	6.4
	Total		2.544	8.1	11.9	16.1	23.5	25.8	19.6	17.3	17.4	19.4	20.9	13.0	7.7	12.6	10.2
<b>SB I-25 - Managed Lane</b>	Countyline	Yosemite	1.187	1.3	1.3	1.3	1.4	1.5	1.4	1.4	1.5	1.5	1.5	1.4	1.4	1.4	1.3
	Yosemite	Quebec	1.398	1.5	1.5	1.5	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.4	1.5	1.5
	Total		2.585	2.8	2.8	2.8	3.0	3.1	3.0	2.9	3.0	2.9	3.0	2.9	2.9	2.9	2.8

Table 3

User		Direction		From		To		Revenue															Transactions															Average Toll Price (2013)											
								Revenue															Transactions															Average Toll Price (2013)											
								13:00-13:30	13:30-14:00	14:00-14:30	14:30-15:00	15:00-15:30	15:30-16:00	16:00-16:30	16:30-17:00	17:00-17:30	17:30-18:00	18:00-18:30	18:30-19:00	19:00-19:30	19:30-20:00	Total	13:00-13:30	13:30-14:00	14:00-14:30	14:30-15:00	15:00-15:30	15:30-16:00	16:00-16:30	16:30-17:00	17:00-17:30	17:30-18:00	18:00-18:30	18:30-19:00	19:00-19:30	19:30-20:00	Total	1:00-1:30	1:30-2:00	2:00-2:30	2:30-3:00	3:00-3:30	3:30-4:00	4:00-4:30	4:30-5:00	5:00-5:30	5:30-6:00	6:00-6:30	6:30-7:00
Transponder Users	Westbound	SB I-25	University	136	206	370	540	677	648	487	387	222	153	222	110	239	247	4,643	54	82	123	180	193	185	139	111	55	38	55	28	68	71	1,384	2.50	2.50	3.00	3.00	3.50	3.50	3.50	4.00	4.00	4.00	4.00	3.50	3.50	3.36		
			Broadway	52	81	110	236	329	357	157	118	146	419	675	34	53	87	2,854	10	16	18	39	47	51	22	17	18	52	84	4	8	12	40	12	401	5.00	5.00	6.00	6.00	7.00	7.00	7.00	8.00	8.00	8.00	8.00	7.00	7.00	7.12
			Santa Fe	64	88	152	290	340	354	134	286	317	601	629	91	24	29	3,100	13	18	25	48	49	51	19	41	40	38	79	11	3	4	438	5.00	5.00	6.00	6.00	7.00	7.00	7.00	8.00	8.00	8.00	8.00	7.00	7.00	7.07		
			Wadsworth	12	5	27	71	201	279	318	354	285	676	851	414	11	21	3,527	2	1	3	8	21	29	32	35	25	59	74	36	1	2	329	7.50	7.50	8.50	8.50	9.50	9.50	10.00	10.00	11.50	11.50	11.50	9.50	9.50	10.73		
			University	93	130	233	264	307	358	298	209	179	230	151	55	165	148	2,821	37	52	78	88	88	102	85	60	45	58	38	14	47	42	833	2.50	2.50	3.00	3.00	3.50	3.50	3.50	4.00	4.00	4.00	4.00	3.50	3.50	3.39		
		Broadway	22	40	34	72	66	102	45	55	77	231	277	26	21	41	1,097	4	8	6	12	9	15	6	8	10	28	35	3	6	152	5.00	5.00	6.00	6.00	7.00	7.00	7.00	8.00	8.00	8.00	8.00	7.00	7.00	7.21				
		Santa Fe	47	62	97	98	141	92	84	136	219	430	459	64	18	32	1,981	9	12	16	16	20	13	12	19	27	54	57	8	3	5	273	5.00	5.00	6.00	6.00	7.00	7.00	7.00	8.00	8.00	8.00	8.00	7.00	7.00	7.26			
		Wadsworth	2	9	34	26	44	49	100	120	87	313	543	274	15	19	1,634	0	1	4	3	5	5	10	12	8	27	47	24	2	2	150	7.50	7.50	8.50	8.50	9.50	9.50	10.00	10.00	11.50	11.50	11.50	9.50	9.50	10.92			
		University	77	130	223	3	46	67	81	113	106	109	249	165	69	55	1,490	31	52	74	1	13	19	23	32	26	27	62	41	20	16	438	2.50	2.50	3.00	3.00	3.50	3.50	3.50	4.00	4.00	4.00	4.00	3.50	3.50	3.40			
		Broadway	16	47	97	1	38	185	244	270	293	330	851	272	35	34	2,712	3	9	16	0	5	26	35	39	37	41	106	34	5	5	362	5.00	5.00	6.00	6.00	7.00	7.00	7.00	8.00	8.00	8.00	8.00	7.00	7.00	7.49			
		Santa Fe	39	70	114	4	42	227	351	304	307	293	998	486	36	49	3,321	8	14	19	1	6	32	50	43	38	37	125	61	5	7	446	5.00	5.00	6.00	6.00	7.00	7.00	7.00	8.00	8.00	8.00	8.00	7.00	7.00	7.44			
		Wadsworth	8	9	14	0	11	95	224	336	405	605	1,431	837	84	48	4,105	1	1	2	0	1	10	22	34	35	53	124	73	9	5	370	7.50	7.50	8.50	-	9.50	9.50	10.00	10.00	11.50	11.50	11.50	9.50	9.50	11.10			
		University	25	37	37	29	27	13	11	13	16	27	47	18	36	33	369	10	15	12	10	8	4	3	4	4	7	12	5	10	9	112	2.50	2.50	3.00	3.00	3.50	3.50	3.50	4.00	4.00	4.00	4.00	3.50	3.50	3.30			
		Broadway	30	41	44	46	53	48	39	48	62	148	180	58	64	28	889	12	16	15	15	15	14	11	14	16	37	45	14	18	8	250	2.50	2.50	3.00	3.00	3.50	3.50	3.50	4.00	4.00	4.00	4.00	3.50	3.50	3.55			
		Santa Fe	51	50	71	63	58	60	69	116	324	696	622	68	45	29	2,322	20	20	24	21	17	17	20	33	81	174	156	17	13	8	620	2.50	2.50	3.00	3.00	3.50	3.50	3.50	4.00	4.00	4.00	4.00	3.50	3.50	3.74			
		Wadsworth	17	16	24	44	19	60	83	195	168	414	668	396	23	13	2,140	3	3	4	8	3	10	13	30	22	55	89	53	4	2	300	5.00	5.00	5.50	5.50	6.00	6.00	6.50	7.00	7.50	7.50	6.00	6.00	7.12				
		Santa Fe	46	35	19	22	24	22	20	45	74	53	25	50	33	487	18	14	8	9	9	9	7	7	13	21	15	7	20	13	170	2.50	2.50	2.50	2.50	2.50	2.50	3.00	3.50	3.50	3.50	2.50	2.50	2.87					
		Wadsworth	68	43	39	47	78	163	265	358	256	267	208	68	100	47	2,004	27	17	16	19	31	65	88	119	73	76	59	19	40	19	669	2.50	2.50	2.50	2.50	2.50	2.50	3.00	3.50	3.50	3.50	2.50	2.50	3.00				
		Broadway	22	30	31	39	45	75	119	107	159	138	57	71	97	32	1,020	9	12	12	16	18	30	40	36	45	39	16	20	39	13	344	2.50	2.50	2.50	2.50	2.50	2.50	3.00	3.50	3.50	3.50	2.50	2.50	2.96				
		Westbound Total	824	1,128	1,771	1,895	2,546	3,254	3,131	3,542	3,672	5,844	9,171	3,531	1,184	1,024	42,515	272	364	476	494	559	687	639	692	618	921	1,280	472	317	249	8,344	3.02	3.10	3.72	3.83	4.56	4.73	4.90	5.12	5.94	6.35	7.17	7.48	3.74	4.11	5.29		
	Eastbound	Broadway	43	46	48	54	60	74	55	52	65	74	85	72	49	38	815	22	23	24	27	30	37	28	26	32	37	42	36	25	19	407	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00		
		Quebec	25	30	31	29	27	37	32	22	26	24	26	36	14	9	367	12	15	16	14	13	19	16	11	13	12	13	18	7	5	184	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00			
		Yosemite	115	104	134	143	142	173	151	95	99	112	127	150	114	61	1,721	57	52	67	71	71	86	76	48	49	56	64	75	57	31	860	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00			
		Wadsworth	20	16	22	16	29	33	28	22	20	17	19	17	12	9	281	10	8	11	8	15	17	14	11	10	8	10	8	6	4	140	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00			
		Yosemite	74	84	79	86	116	140	98	65	63	74	95	132	69	38	1,211	37	42	39	43	58	70	49	33	31	37	47	66	34	19	606	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00			
		Wadsworth	10	12	13	13	8	6	10	12	14	14	17	27	9	8	172	5	6	6	7	4	3	5	6	7	7	8	13	4	4	86	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00			
		Yosemite	63	59	61	72	73	89	89	79	71	88	120	115	75	40	1,094	31	30	31	36	37	44	44	40	36	44	60	58	38	20	547	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00			
		Wadsworth	46	48	43	57	56	66	56	66	52	50	57	53	44	33	726	23	24	22	29	28	33	28	33	28	25	29	26	22	16	363	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00			
		Yosemite	61	67	68	74	78	87	77	88	70	74	84	73	63	47	1,010	29	31	31	35	36	41	36	41	32	34	38	34	29	21	466	2.14	2.17	2.22	2.13	2.17	2.14	2.16	2.15	2.15	2.20	2.19	2.16	2.18	2.17			
		Eastbound Total	396	399	430	470	510	618	519	413	410	452	545	601	386	237	6,386	198	199	215	235	255	309	260	207	205	226	273	300	193	118	3,193	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00			
		Total	1,220	1,526	2,201	2,365	3,056	3,872	3,650	3,955	4,082	6,295	9,716	4,132	1,570	1,261	48,901	471	564	691	729	814	996	898	899	823	1,146	1,552	773	510	367	11,233	2.59	2.71	3.19	3.24	3.75	3.89	4.06	4.40	4.96	5.49	6.26	5.35	3.08	3.43	4.35		
		License Plate User	Westbound	SB I-25	University	57	107	176	266	367	335	216	201	110	33	94	122	2,281	17	33	47	71	86	79	51	47	24	18	23	7	22	29</																	





Table 5a  
Westbound Managed Lane Speed

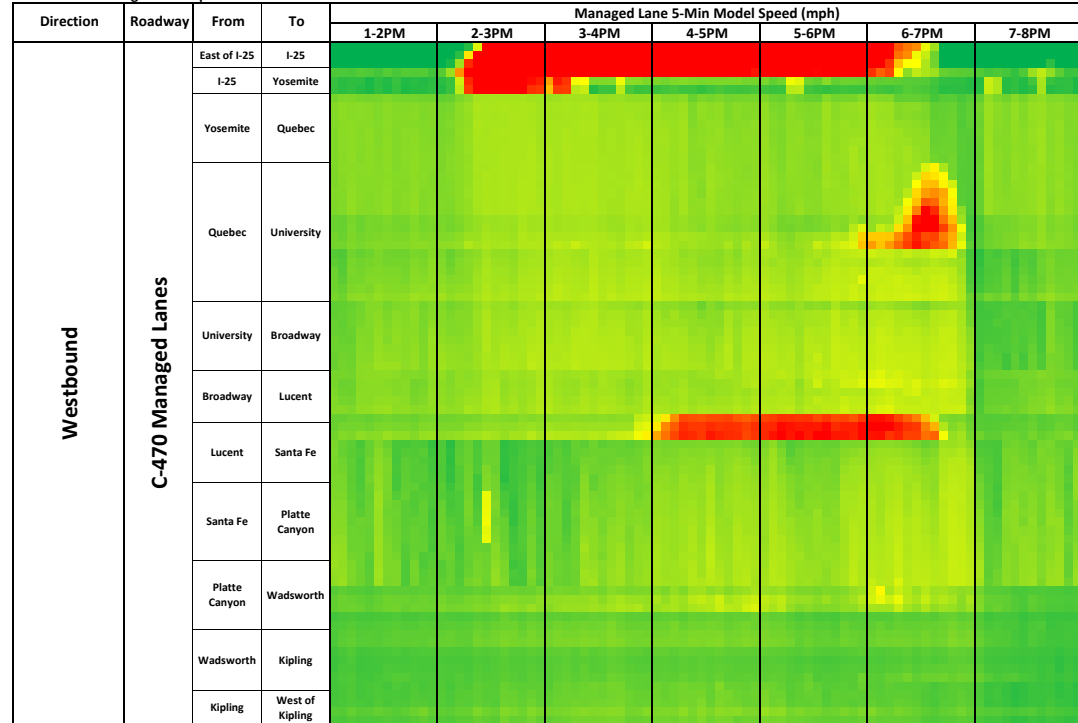


Table 5b  
Westbound General Purpose Lane Speed

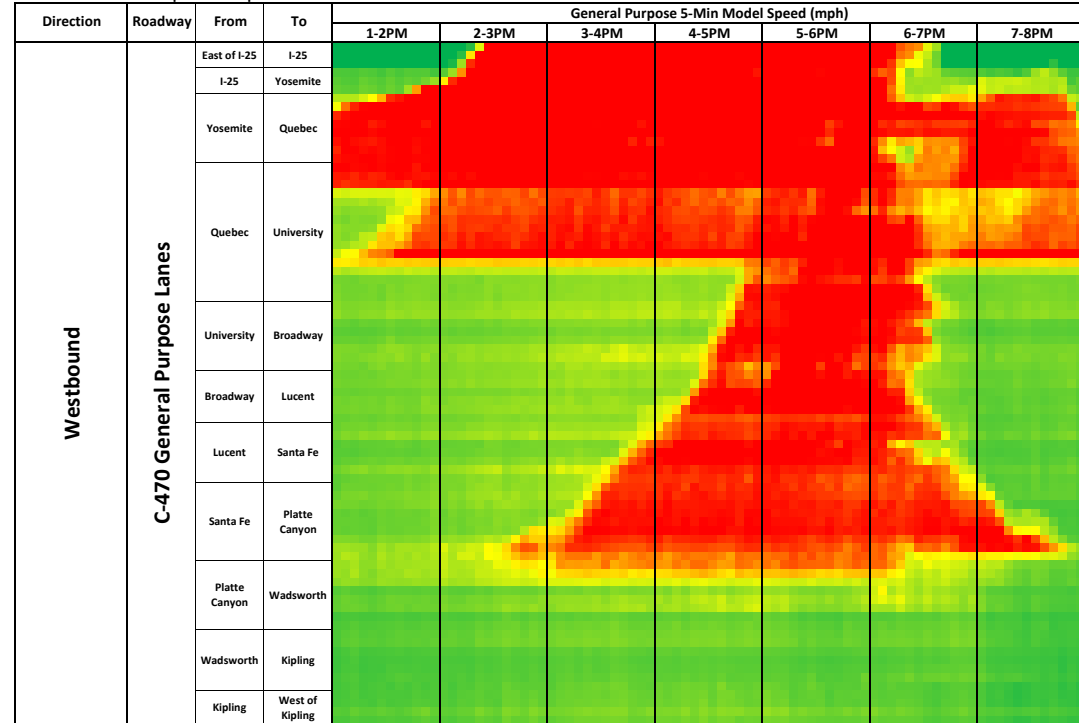


Table 5c  
Eastbound Managed Lane Speed

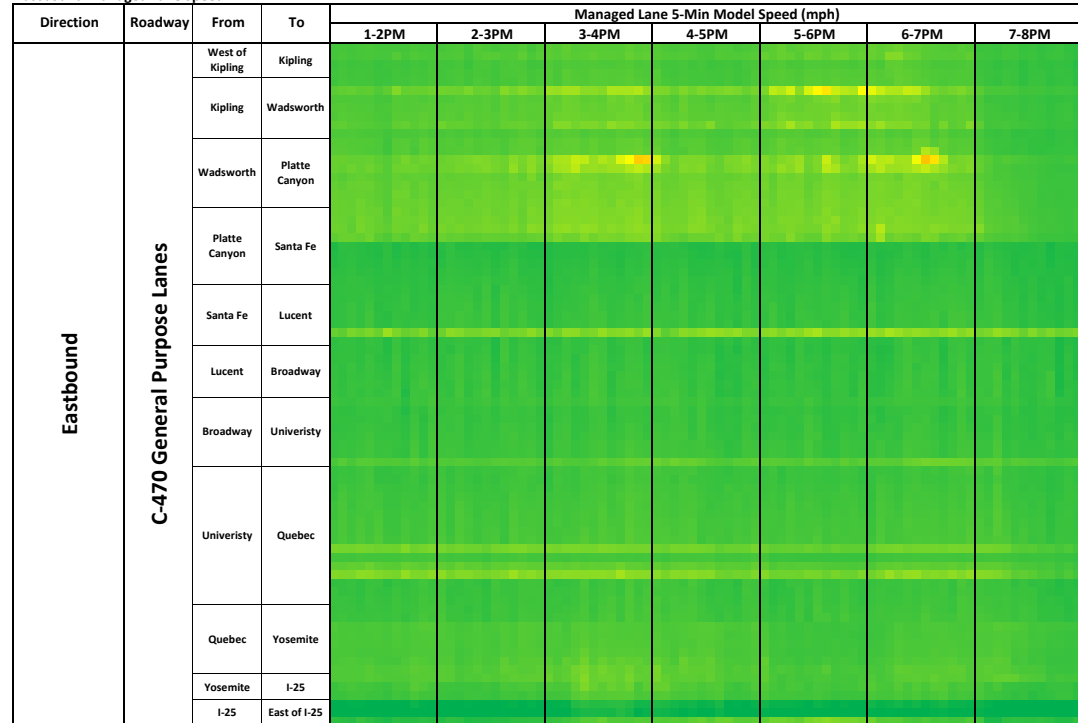


Table 5d  
Eastbound General Purpose Lane Speed

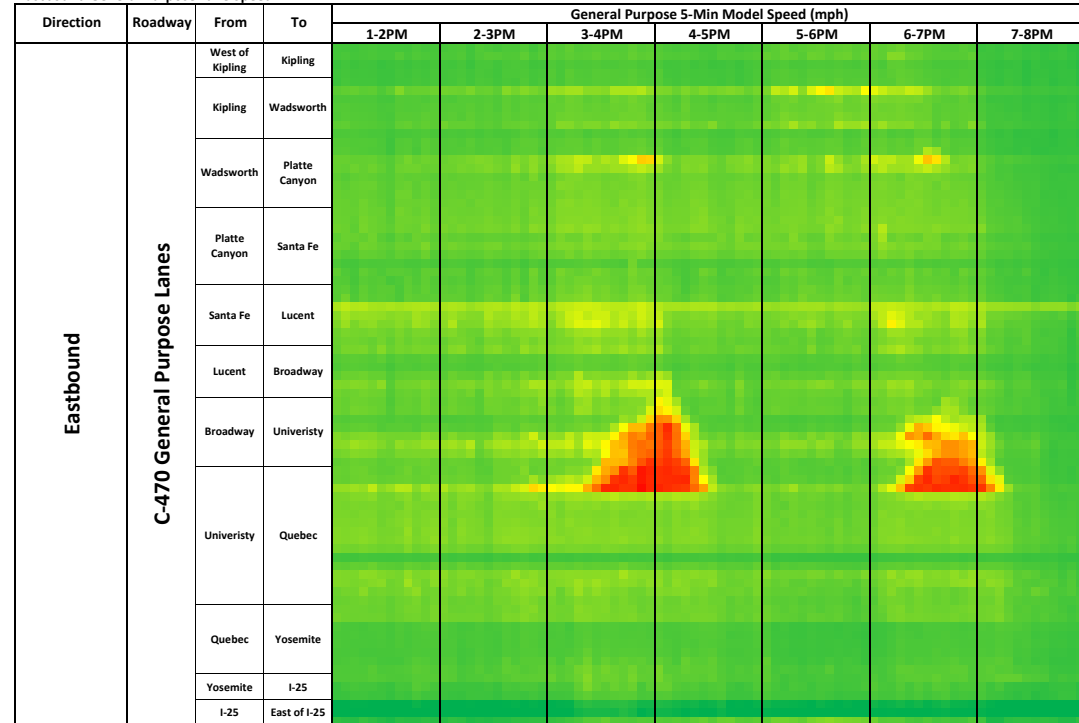


Table 5e  
NB I-25 Speed

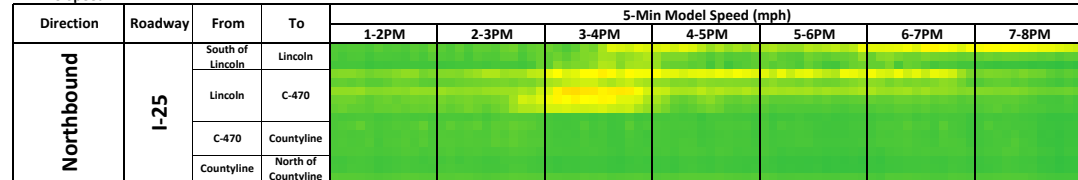


Table 5f  
SB I-25 Speed

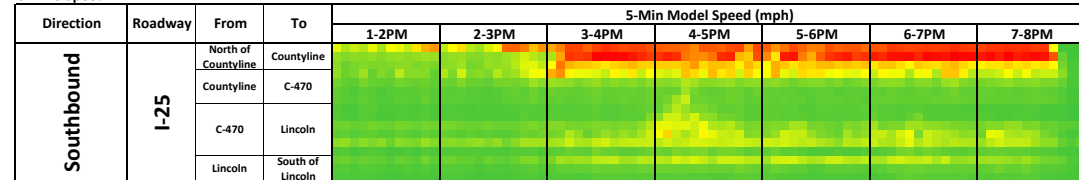


Table 6a  
Westbound Managed Lane Volume

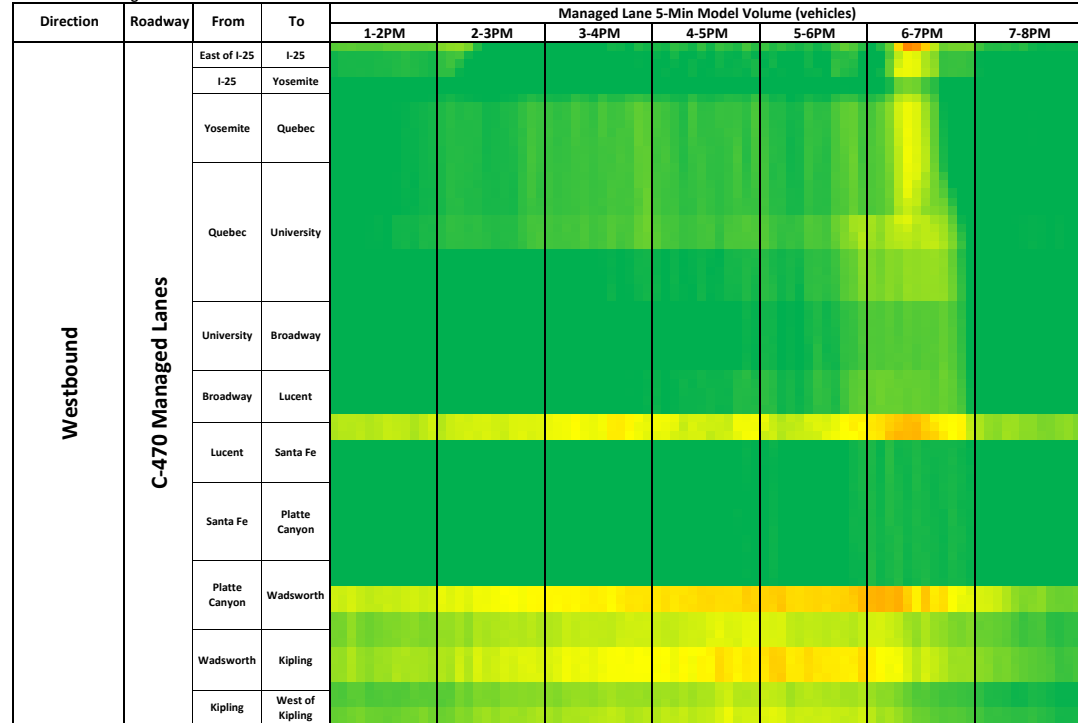


Table 6b  
Westbound General Purpose Lane Volume

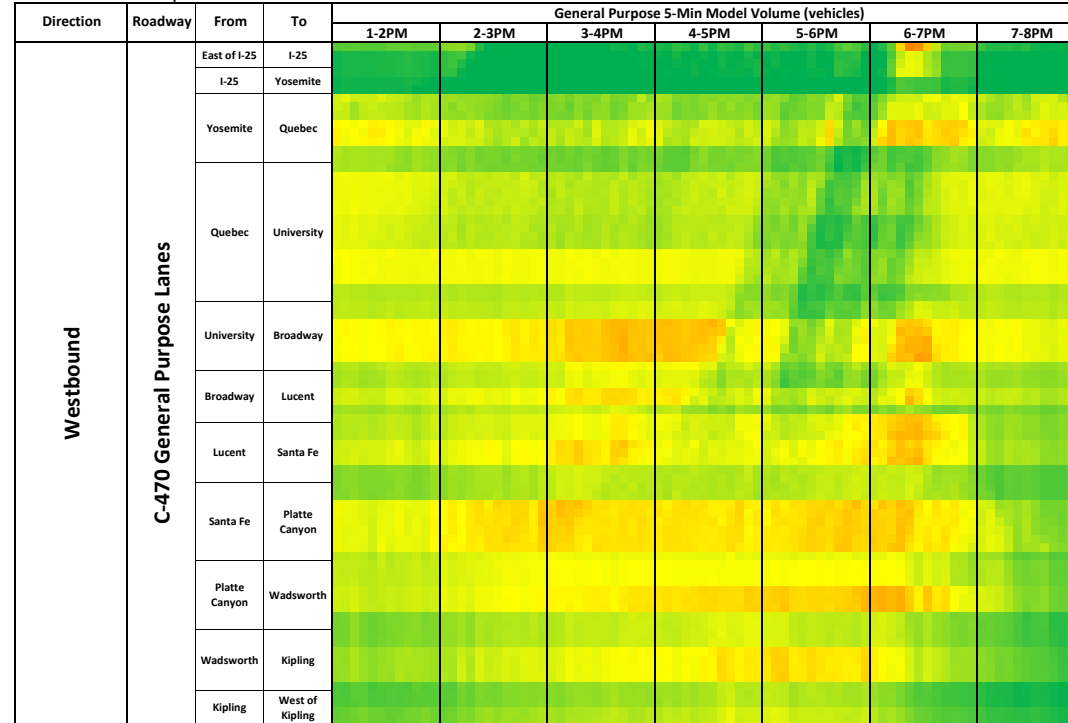


Table 6c  
Eastbound Managed Lane Volume

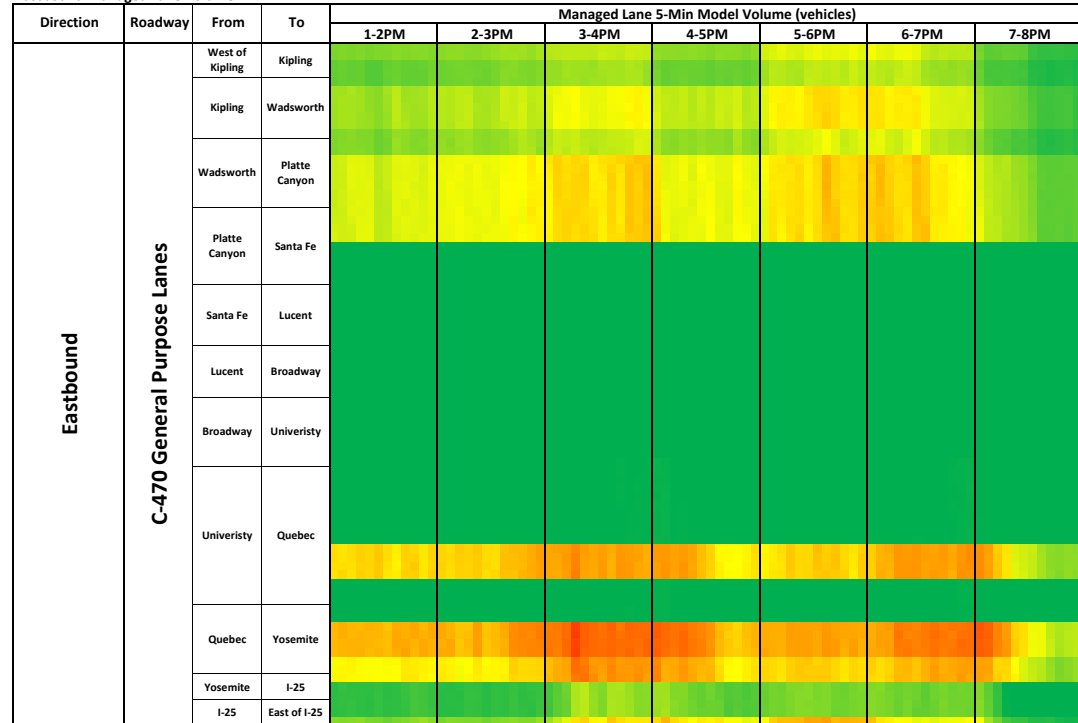


Table 6d  
Eastbound General Purpose Lane Volume

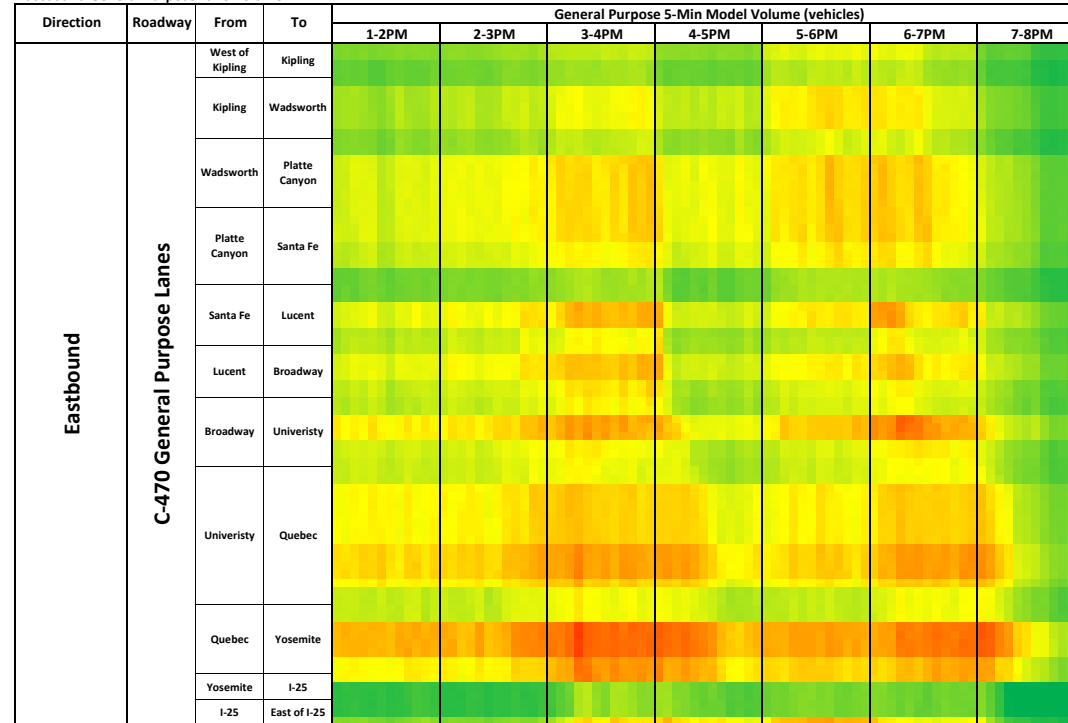


Table 6e  
NB I-25 Volume

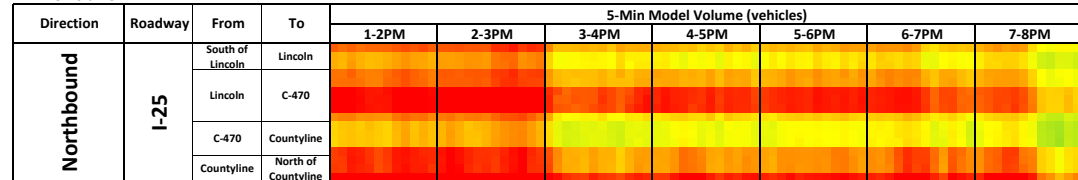
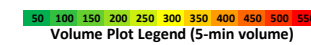
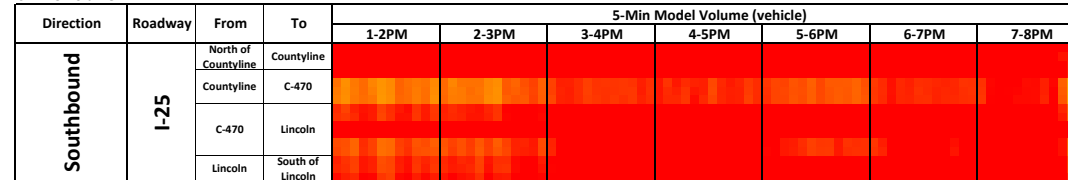


Table 6f  
SB I-25 Volume



# **Appendix G-1**

## **Option C Interim HOV 3+ Exempt 2018 AM**

**Table 1**  
**Network Summary**

Run#	Total VMT (veh-mi)	Total VHT (veh-hr)	Avg Spd (mph)	Avg Delay (s)	Latent Demand	Total Revenue (2013\$)
run1	1,433,408	31,923	44.90	67	3,707	\$18,607
run2	1,437,111	31,771	45.23	65	3,488	\$18,676
run3	1,438,604	31,975	44.99	67	3,619	\$19,274
run4	1,434,506	31,842	45.05	66	3,661	\$19,118
run5	1,439,067	32,158	44.75	69	3,726	\$18,772
run6						
run7						
run8						
run9						
run10						
Average	1,436,539	31,934	44.99	67	3,640	\$18,889

Revenue and Transaction by User Class

	Transponder	License Plate	Total
Revenue	\$8,761.60	\$10,127.80	\$18,889.40
Transaction	4,813	3,994	8,808
Avg Toll	\$1.82	\$2.54	\$2.14

Minimum Number of Runs Needed:

	Mean	Speed (mph)	Revenue (\$)
		44.99	18,889
Standard Deviation		0.18	291
Target Error %	1.0%	1	10
	2.5%	1	2
	3.5%	1	1
	5.0%	1	1
	10.0%	1	1

**Table 2a**  
**Westbound Travel Time**

Direction	From	To	Distance (mi)	Model Travel Time (mins)													
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00
<b>WB C-470 - Managed Lane</b>	I-25	Yosemite	0.622	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	Yosemite	Quebec	1.401	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.5	1.5	1.5
	Quebec	Colorado	2.063	2.1	2.2	2.1	2.2	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	Colorado	University	1.030	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	University	Broadway	1.489	1.5	1.6	1.6	1.6	1.5	1.5	1.5	1.6	1.6	1.5	1.6	1.6	1.5	1.5
	Broadway	Lucent	1.181	1.2	1.3	1.3	1.3	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.3	1.3	1.2
	Lucent	Santa Fe	1.403	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.5	1.4
	Santa Fe	Platte Canyon	1.581	1.6	1.7	1.7	1.7	1.6	1.6	1.6	1.7	1.7	1.6	1.7	1.7	1.7	1.7
	Platte Canyon	Wadsworth	1.529	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	<b>Total</b>		<b>13.754</b>	<b>13.8</b>	<b>14.3</b>	<b>14.2</b>	<b>14.2</b>	<b>14.0</b>	<b>13.9</b>	<b>14.1</b>	<b>14.2</b>	<b>14.1</b>	<b>14.1</b>	<b>14.2</b>	<b>14.3</b>	<b>14.2</b>	
<b>WB C-470 - General Purpose Lanes</b>	I-25	Yosemite	0.622	0.6	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	Yosemite	Quebec	1.401	1.3	1.9	3.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.4
	Quebec	Colorado	2.063	2.0	3.2	5.4	4.5	2.9	2.1	2.1	2.1	2.1	2.1	2.0	2.1	2.1	2.1
	Colorado	University	1.030	1.0	1.3	1.4	1.3	1.2	1.1	1.1	1.1	1.1	1.1	1.0	1.1	1.1	1.1
	University	Broadway	1.489	1.5	1.7	1.7	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Broadway	Lucent	1.181	1.2	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	Lucent	Santa Fe	1.403	1.4	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	Santa Fe	Platte Canyon	1.581	1.5	1.6	1.6	1.6	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Platte Canyon	Wadsworth	1.529	1.5	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	<b>Total</b>		<b>13.540</b>	<b>13.5</b>	<b>16.1</b>	<b>20.0</b>	<b>16.7</b>	<b>14.7</b>	<b>13.8</b>	<b>13.7</b>	<b>13.5</b>	<b>13.5</b>	<b>13.5</b>	<b>13.4</b>	<b>13.6</b>	<b>13.7</b>	
<b>WB C-470 - Travel Time Saving</b>	I-25	Yosemite	0.622	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1
	Yosemite	Quebec	1.401	0.0	0.5	2.1	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
	Quebec	Colorado	2.063	-0.1	1.1	3.2	2.4	0.7	0.0	-0.1	-0.2	-0.1	-0.2	-0.2	-0.1	-0.1	-0.1
	Colorado	University	1.030	0.0	0.2	0.3	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	University	Broadway	1.489	0.0	0.1	0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	0.0	0.0
	Broadway	Lucent	1.181	0.0	0.0	0.0	-0.1	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
	Lucent	Platte Canyon	1.403	0.0	0.1	0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	0.0	-0.1	-0.1	-0.1	-0.1
	Platte Canyon	Santa Fe	1.581	-0.1	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.2	-0.1	-0.1	-0.2	-0.1	-0.1	-0.2
	Santa Fe	Wadsworth	1.529	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
	Wadsworth	Kipling	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>Total</b>		<b>13.540</b>	<b>-0.3</b>	<b>1.8</b>	<b>5.8</b>	<b>2.4</b>	<b>0.7</b>	<b>0.0</b>	<b>-0.4</b>	<b>-0.8</b>	<b>-0.6</b>	<b>-0.6</b>	<b>-0.8</b>	<b>-0.7</b>	<b>-0.5</b>	

**Table 2b**  
**Eastbound Travel Time**

Direction	From	To	Distance (mi)	Model Travel Time (mins)													
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00
EB C-470 - Managed Lane	Kipling	Wadsworth	1.454	1.4	3.4	7.3	6.4	5.8	5.5	6.2	3.7	1.4	1.4	1.4	1.4	1.4	1.4
	Wadsworth	Platte Canyon	1.530	1.5	2.8	3.4	3.2	3.0	3.0	3.2	2.8	1.5	1.5	1.5	1.5	1.5	1.5
	Platte Canyon	Santa Fe	1.569	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Santa Fe	Lucent	1.403	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Lucent	Broadway	1.204	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	Broadway	University	1.473	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	University	Colorado	1.026	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Colorado	Quebec	2.068	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9
	Quebec	Yosemite	1.388	1.3	1.3	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	Total		13.749	13.1	16.5	21.1	19.9	19.1	18.7	19.7	16.8	13.1	12.9	12.9	13.0	13.1	13.0
EB C-470 - General Purpose Lanes	Kipling	Wadsworth	1.454	1.4	3.4	7.3	6.4	5.8	5.5	6.2	3.7	1.4	1.4	1.4	1.4	1.4	1.4
	Wadsworth	Platte Canyon	1.530	1.5	2.8	3.4	3.2	3.0	3.0	3.2	2.8	1.5	1.5	1.5	1.5	1.5	1.5
	Platte Canyon	Santa Fe	1.569	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.6	1.6	1.6
	Santa Fe	Lucent	1.403	1.5	1.7	2.0	1.5	1.5	1.5	1.8	1.6	1.5	1.4	1.4	1.5	1.5	1.5
	Lucent	Broadway	1.204	1.3	1.7	3.7	2.2	1.3	1.3	1.5	1.4	1.2	1.2	1.2	1.2	1.3	1.2
	Broadway	University	1.473	1.5	2.0	2.2	2.0	1.6	1.7	1.8	1.7	1.5	1.5	1.5	1.5	1.5	1.5
	University	Colorado	1.026	1.0	1.2	1.3	1.1	1.1	1.1	1.2	1.1	1.0	1.0	1.0	1.0	1.1	1.0
	Colorado	Quebec	2.068	2.1	2.2	2.2	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1	2.1
	Quebec	Yosemite	1.388	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.4	1.4
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	Total		13.749	14.0	18.6	25.7	22.1	19.8	19.9	21.5	18.0	13.8	13.6	13.5	13.8	14.0	13.8
EB C-470 - Travel Time Saving	Kipling	Wadsworth	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Wadsworth	Platte Canyon	1.530	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Platte Canyon	Santa Fe	1.569	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	Santa Fe	Lucent	1.403	0.2	0.4	0.7	0.2	0.2	0.2	0.5	0.3	0.1	0.1	0.1	0.2	0.2	0.2
	Lucent	Broadway	1.204	0.1	0.6	2.5	1.1	0.1	0.2	0.4	0.2	0.1	0.1	0.1	0.1	0.1	0.1
	Broadway	University	1.473	0.1	0.5	0.8	0.5	0.1	0.3	0.4	0.3	0.1	0.1	0.1	0.1	0.1	0.1
	University	Colorado	1.026	0.1	0.2	0.3	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	Colorado	Quebec	2.068	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2
	Quebec	Yosemite	1.388	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	Yosemite	I-25	0.635	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total		13.749	0.9	2.1	4.6	2.2	0.7	1.2	1.8	1.2	0.7	0.7	0.6	0.8	0.9	0.8









Table 5a  
Westbound Managed Lane Speed

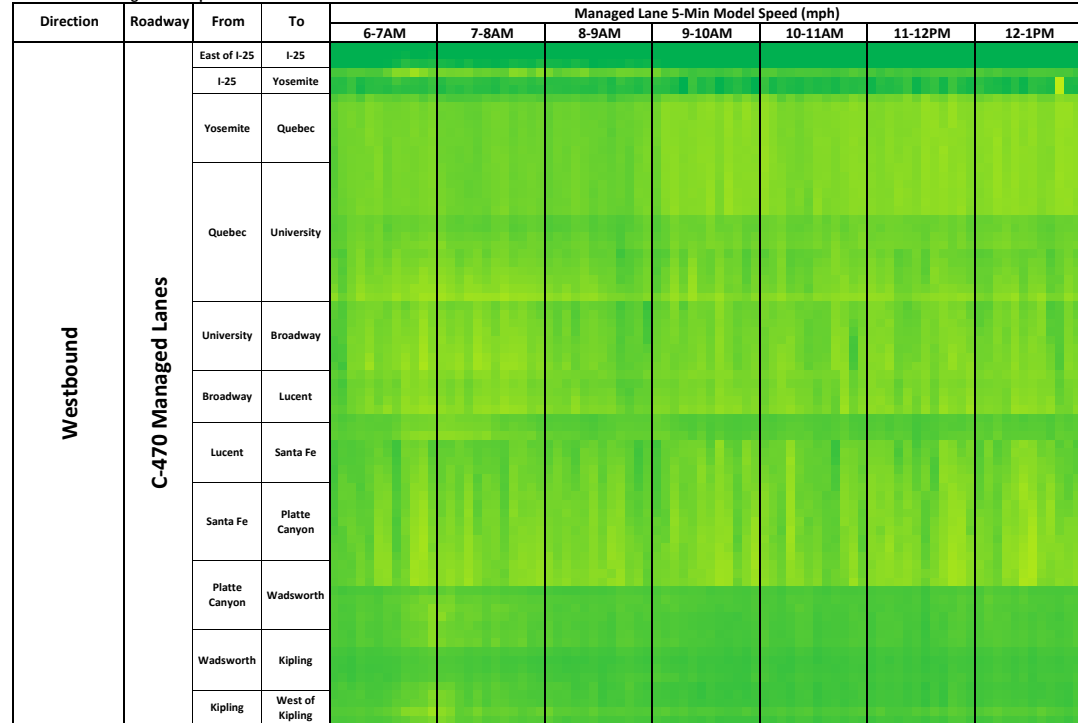


Table 5b  
Westbound General Purpose Lane Speed

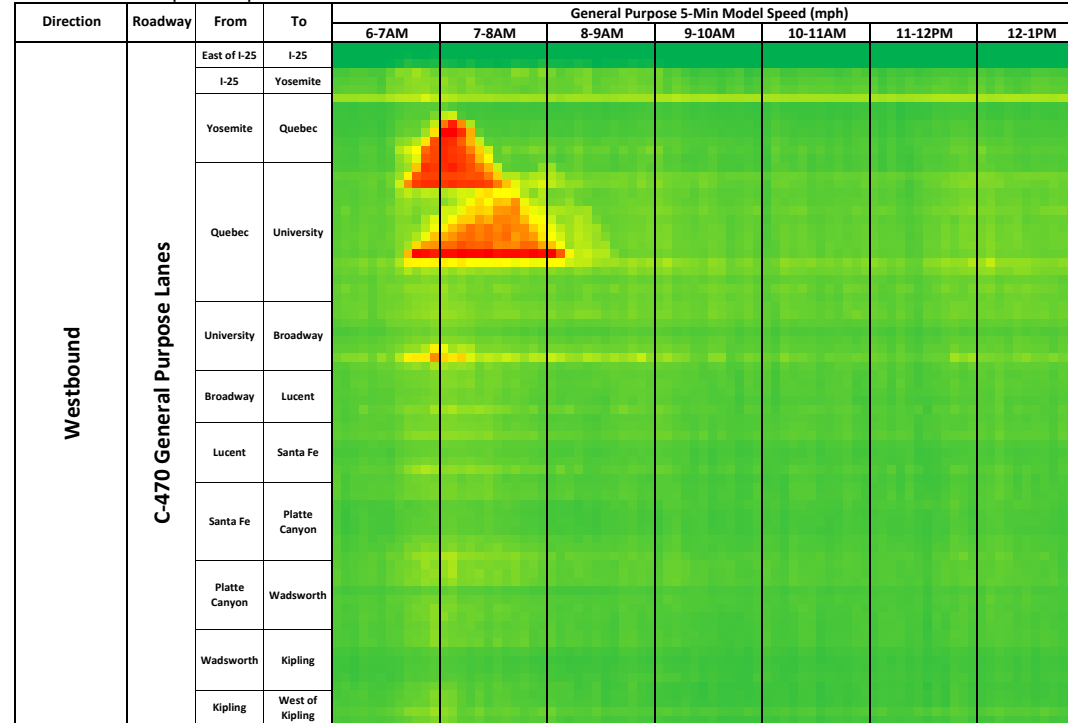


Table 5c  
Eastbound Managed Lane Speed

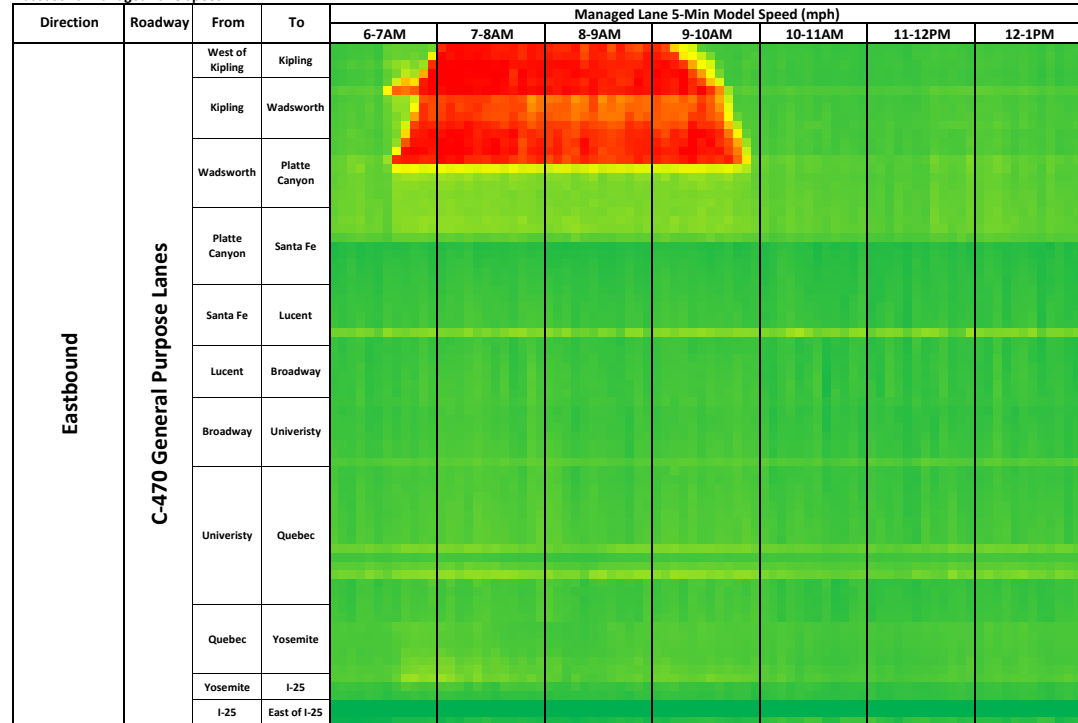


Table 5d  
Eastbound General Purpose Lane Speed

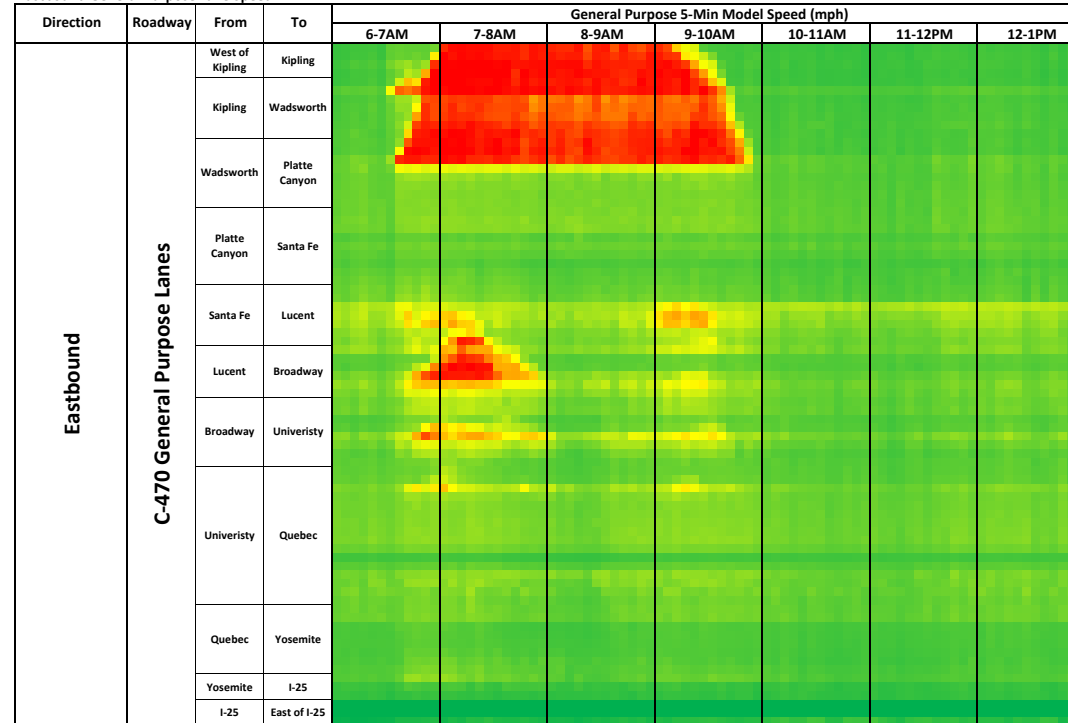


Table 5e  
NB I-25 Speed

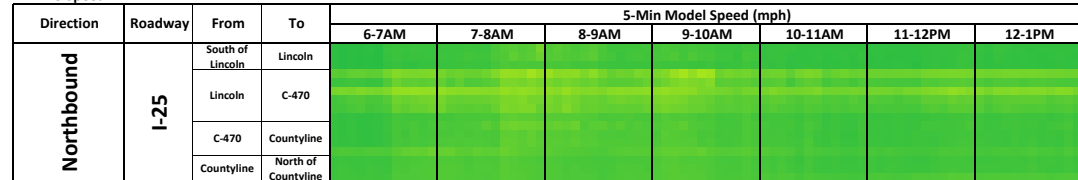


Table 5f  
SB I-25 Speed

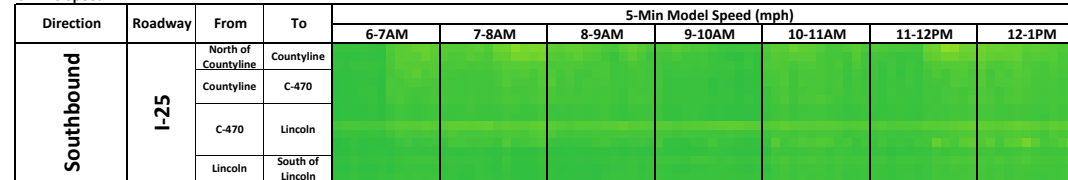


Table 6a  
Westbound Managed Lane Volume

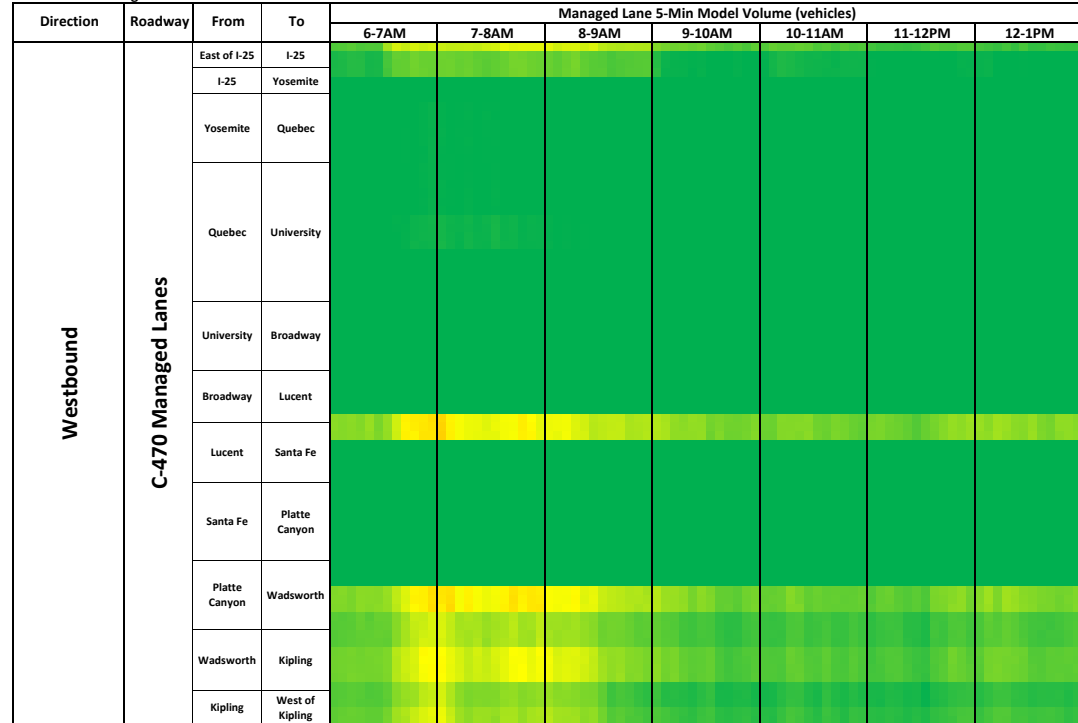


Table 6b  
Westbound General Purpose Lane Volume

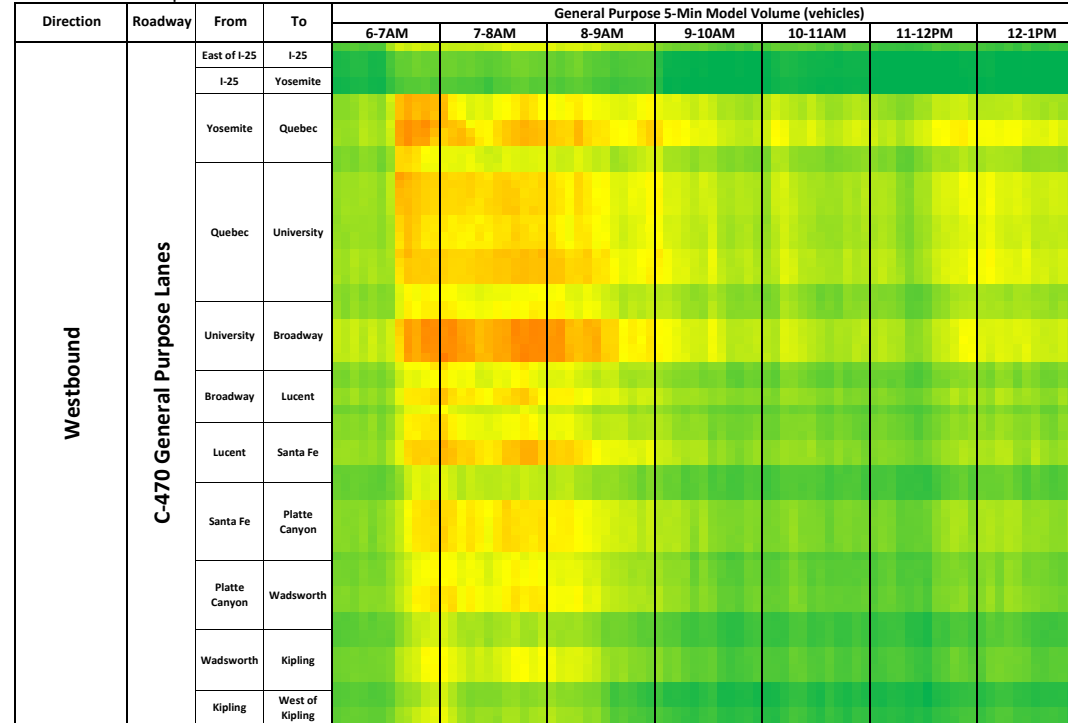


Table 6c  
Eastbound Managed Lane Volume

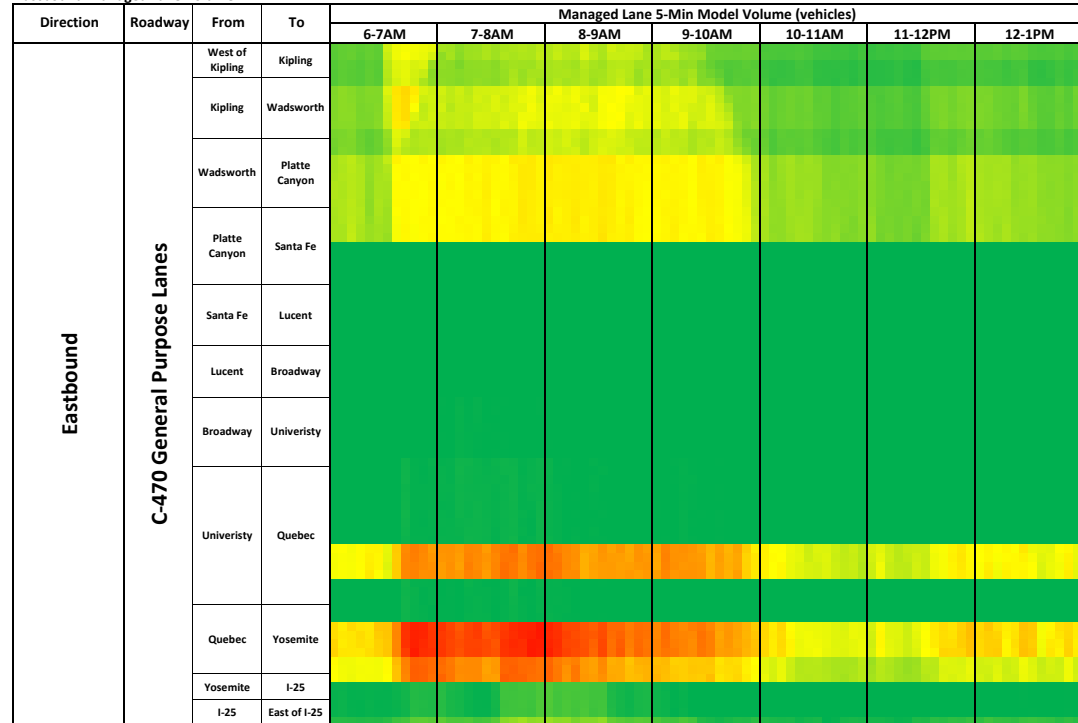


Table 6d  
Eastbound General Purpose Lane Volume

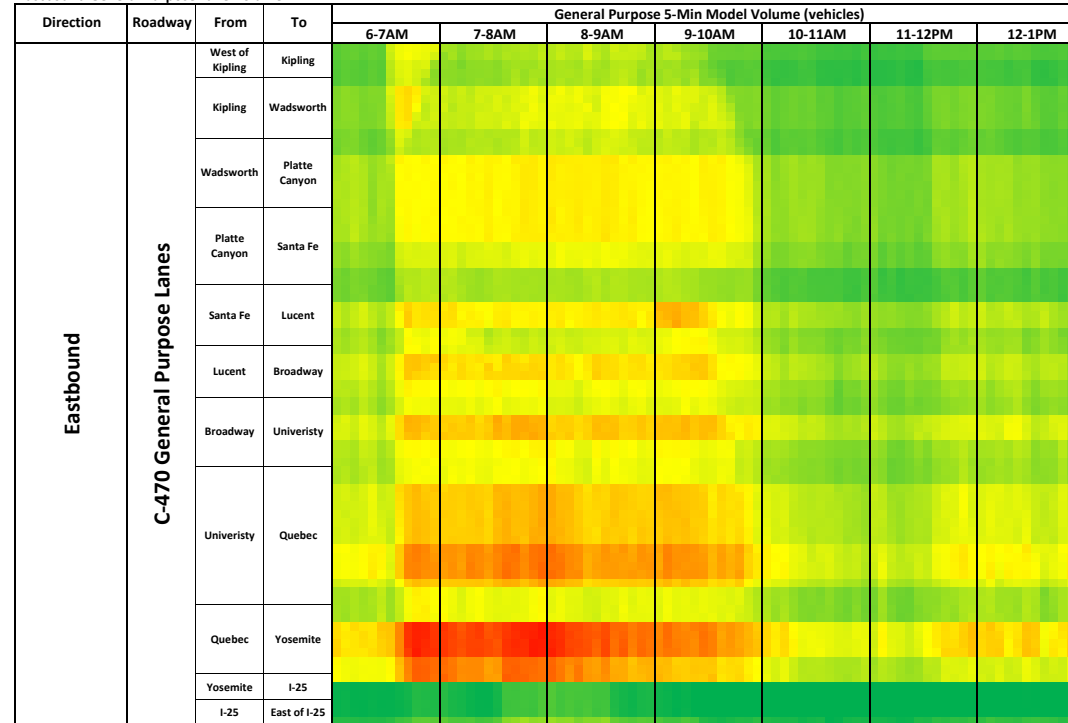


Table 6e  
NB I-25 Volume

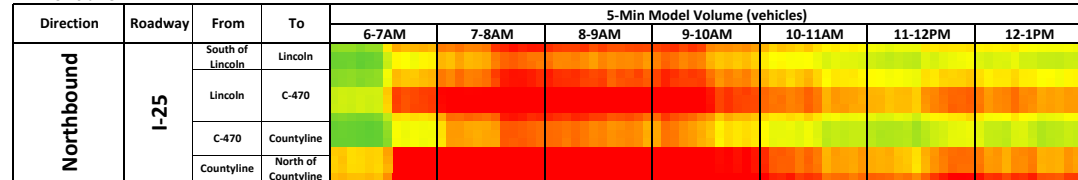
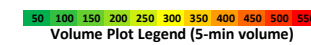
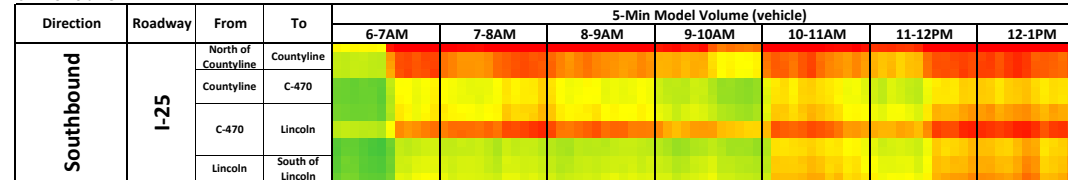


Table 6f  
SB I-25 Volume



## **Appendix G-2**

### **Option C Interim HOV 3+ Exempt 2018 PM**

**Table 1**  
**Network Summary**

Run#	Total VMT (veh-mi)	Total VHT (veh-hr)	Avg Spd (mph)	Avg Delay (s)	Latent Demand	Total Revenue (2013\$)
run1	1,514,293	39,453	38.38	114	5,244	\$35,146
run2	1,514,860	39,139	38.70	111	5,067	\$33,310
run3	1,516,169	39,271	38.61	112	5,842	\$36,910
run4	1,510,782	38,652	39.09	107	6,016	\$35,449
run5	1,514,280	39,748	38.10	117	5,812	\$35,894
run6						
run7						
run8						
run9						
run10						
Average	1,514,077	39,253	38.58	112	5,596	\$35,342

Revenue and Transaction by User Class

	Transponder	License Plate	Total
Revenue	\$17,098.45	\$18,243.20	\$35,341.65
Transaction	5,983	5,124	11,107
Avg Toll	\$2.86	\$3.56	\$3.18

Minimum Number of Runs Needed:

	Mean	Speed (mph)	Revenue (\$)
		38.58	35,342
Standard Deviation		0.37	1317
Target Error %	1.0%	4	54
	2.5%	1	9
	3.5%	1	5
	5.0%	1	3
	10.0%	1	1

Table 2a  
Westbound Travel Time

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>WB C-470 - Managed Lane</b>	I-25	Yosemite	0.622	0.6	0.6	0.6	0.6	0.6	20.3	5.8	2.3	2.5	1.3	1.3	2.1	1.1	0.6
	Yosemite	Quebec	1.401	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.4	1.4	1.4	1.5	1.5
	Quebec	Colorado	2.063	2.2	2.3	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.2	2.1	2.1	2.3	2.2
	Colorado	University	1.030	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.1	1.1	1.0	1.1	1.1
	University	Broadway	1.489	1.5	1.5	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.6	1.5	1.5	1.7	1.6
	Broadway	Lucent	1.181	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.2	1.3	1.3
	Lucent	Santa Fe	1.403	1.5	1.4	1.5	1.4	1.5	1.5	1.4	1.5	1.5	1.5	1.5	1.4	1.4	1.4
	Santa Fe	Platte Canyon	1.581	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6
	Platte Canyon	Wadsworth	1.529	1.6	1.6	1.7	1.7	1.7	1.6	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.5
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4
	Total		13.754	14.3	14.3	14.5	14.5	14.6	34.5	20.1	16.8	16.9	15.2	14.8	15.5	15.0	14.1
<b>WB C-470 - General Purpose Lanes</b>	I-25	Yosemite	0.622	0.6	0.6	0.6	2.5	18.9	39.9	41.4	25.9	24.6	10.7	4.8	6.5	4.4	0.6
	Yosemite	Quebec	1.401	1.4	1.4	2.4	7.1	9.0	10.8	11.4	12.1	12.4	6.0	4.7	8.9	5.2	1.4
	Quebec	Colorado	2.063	2.3	2.3	3.1	4.2	6.5	7.7	8.6	9.6	9.0	7.4	6.0	6.8	6.5	3.3
	Colorado	University	1.030	1.1	1.1	1.2	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.2
	University	Broadway	1.489	1.5	1.5	1.5	1.5	1.6	1.6	1.7	1.7	1.7	1.6	1.6	1.5	1.6	1.5
	Broadway	Lucent	1.181	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.6	1.4	1.2	1.2	1.2	1.2
	Lucent	Santa Fe	1.403	1.4	1.4	1.4	1.5	1.5	1.5	1.6	2.0	4.5	3.5	1.5	1.4	1.4	1.4
	Santa Fe	Platte Canyon	1.581	1.6	1.6	1.7	1.7	1.7	1.9	2.2	3.9	4.8	4.1	2.8	1.6	1.6	1.5
	Platte Canyon	Wadsworth	1.529	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.8	1.8	1.8	1.7	1.5	1.5	1.5
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4
	Total		13.540	14.1	14.2	16.2	24.1	45.0	69.3	72.6	61.1	63.2	39.4	27.0	32.2	26.2	14.9
<b>WB C-470 - Travel Time Saving</b>	I-25	Yosemite	0.622	0.0	0.0	0.1	1.9	18.3	19.6	35.5	23.6	22.1	9.4	3.5	4.4	3.3	0.0
	Yosemite	Quebec	1.401	-0.1	-0.1	0.9	5.7	7.5	9.2	9.8	10.6	10.9	4.6	3.3	7.5	3.7	-0.1
	Quebec	Colorado	2.063	0.0	0.1	0.9	1.9	4.2	5.4	6.3	7.3	6.7	5.2	3.9	4.7	4.2	1.1
	Colorado	University	1.030	0.1	0.1	0.1	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.1
	University	Broadway	1.489	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.1	-0.1
	Broadway	Lucent	1.181	-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.0	0.2	0.1	-0.1	0.0	-0.1	-0.1
	Lucent	Platte Canyon	1.403	0.0	0.0	-0.1	0.0	0.1	0.1	0.1	0.5	3.0	2.0	0.0	0.0	0.0	0.0
	Platte Canyon	Santa Fe	1.581	-0.1	-0.1	-0.1	0.0	0.0	0.2	0.5	2.2	3.1	2.4	1.1	-0.1	-0.1	-0.1
	Santa Fe	Wadsworth	1.529	-0.1	-0.1	-0.1	-0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.0	-0.1	-0.1	-0.1
	Wadsworth	Kipling	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total		13.540	-0.2	-0.1	1.6	9.6	30.4	34.9	52.5	44.4	46.3	24.2	12.2	16.8	11.1	0.8

**Table 2b  
Eastbound Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)														
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00	
<b>EB C-470 - Managed Lane</b>	Kipling	Wadsworth	1.454	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.4	1.4
	Wadsworth	Platte Canyon	1.530	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.4
	Platte Canyon	Santa Fe	1.569	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4
	Santa Fe	Lucent	1.403	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Lucent	Broadway	1.204	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	Broadway	University	1.473	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	University	Colorado	1.026	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Colorado	Quebec	2.068	1.9	2.0	1.9	1.9	2.0	2.0	1.9	1.9	1.9	1.9	1.9	2.0	1.9	1.9	1.9
	Quebec	Yosemite	1.388	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>13.0</b>	<b>13.0</b>	<b>13.0</b>	<b>13.1</b>	<b>13.2</b>	<b>13.2</b>	<b>13.0</b>	<b>13.0</b>	<b>13.1</b>	<b>13.1</b>	<b>13.2</b>	<b>13.1</b>	<b>12.9</b>	<b>12.8</b>	
<b>EB C-470 - General Purpose Lanes</b>	Kipling	Wadsworth	1.454	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.4	1.4	
	Wadsworth	Platte Canyon	1.530	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.6	1.6	1.6	1.5	1.5	1.4
	Platte Canyon	Santa Fe	1.569	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5
	Santa Fe	Lucent	1.403	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.4	1.5	1.4	1.5	1.5	1.4	1.3	1.3
	Lucent	Broadway	1.204	1.2	1.2	1.2	1.2	1.3	1.3	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.1
	Broadway	University	1.473	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.5	1.5	1.5	1.7	1.6	1.4	1.4	1.4
	University	Colorado	1.026	1.0	1.1	1.0	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.1	1.1	1.0	1.0
	Colorado	Quebec	2.068	2.1	2.1	2.1	2.1	2.2	2.2	2.1	2.1	2.1	2.0	2.2	2.1	2.1	2.1	2.0
	Quebec	Yosemite	1.388	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.4	1.4	1.3	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>13.6</b>	<b>13.7</b>	<b>13.7</b>	<b>13.8</b>	<b>14.1</b>	<b>14.4</b>	<b>14.0</b>	<b>13.7</b>	<b>13.7</b>	<b>13.7</b>	<b>14.4</b>	<b>14.0</b>	<b>13.5</b>	<b>13.0</b>	
<b>EB C-470 - Travel Time Saving</b>	Kipling	Wadsworth	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Wadsworth	Platte Canyon	1.530	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Platte Canyon	Santa Fe	1.569	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
	Santa Fe	Lucent	1.403	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.0	0.0
	Lucent	Broadway	1.204	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.0	0.0
	Broadway	University	1.473	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.3	0.2	0.1	0.0	0.0
	University	Colorado	1.026	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
	Colorado	Quebec	2.068	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.1	0.1
	Quebec	Yosemite	1.388	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.0
	Yosemite	I-25	0.635	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>Total</b>		<b>13.749</b>	<b>0.6</b>	<b>0.7</b>	<b>0.6</b>	<b>0.7</b>	<b>1.0</b>	<b>1.1</b>	<b>0.9</b>	<b>0.7</b>	<b>0.6</b>	<b>0.6</b>	<b>1.2</b>	<b>0.9</b>	<b>0.5</b>	<b>0.2</b>	

**Table 2c**  
**I-25 Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)														
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00	
<b>NB I-25</b>	Lincoln	C-470	1.323	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2
	C-470	Countyline	0.761	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
	Total		2.084	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9
<b>SB I-25</b>	Countyline	C-470	0.761	0.7	0.8	0.7	0.8	0.8	0.9	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8	0.7
	C-470	Lincoln	1.323	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.3	1.3	1.4	1.4	1.3	1.3	1.3	1.3
	Total		2.084	2.0	2.0	2.0	2.1	2.1	2.2	2.2	2.1	2.1	2.2	2.3	2.1	2.1	2.1	2.0

**Table 2d**  
**NB/SB I-25 Ramp to C-470 WB Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>NB I-25 - General Purpose</b>	Lincoln	Yosemite	1.963	2.3	2.3	2.3	3.1	5.1	9.6	14.7	8.0	4.8	3.3	3.0	2.9	2.4	2.2
	Yosemite	Quebec	1.402	1.4	1.4	2.4	7.1	9.0	10.8	11.4	12.1	12.4	6.0	4.6	8.9	5.2	1.4
	Total		3.365	3.7	3.7	4.7	10.2	14.2	20.4	26.1	20.1	17.1	9.3	7.7	11.8	7.5	3.5
<b>NB I-25 - Managed Lane</b>	Lincoln	Yosemite	1.967	2.2	2.3	2.3	2.3	2.9	6.4	10.4	4.5	2.7	2.6	2.6	2.3	2.2	2.1
	Yosemite	Quebec	1.398	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	Total		3.364	3.8	3.8	3.9	3.8	4.5	8.0	12.0	6.1	4.3	4.1	4.2	3.8	3.8	3.7
<b>SB I-25 - General Purpose</b>	Countyline	Yosemite	1.142	1.2	1.2	1.3	2.5	4.6	8.6	9.7	5.2	5.1	3.0	1.7	2.1	1.4	1.2
	Yosemite	Quebec	1.402	1.4	1.4	2.4	7.1	9.0	10.8	11.4	12.1	12.4	6.0	4.6	8.9	5.2	1.4
	Total		2.544	2.7	2.7	3.6	9.6	13.6	19.4	21.0	17.3	17.4	9.0	6.4	11.0	6.6	2.6
<b>SB I-25 - Managed Lane</b>	Countyline	Yosemite	1.187	1.3	1.3	1.3	1.3	1.3	1.4	1.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Yosemite	Quebec	1.398	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.4	1.4	1.4	1.5	1.5
	Total		2.585	2.8	2.8	2.7	2.8	2.9	2.9	3.1	2.9	2.8	2.7	2.7	2.7	2.7	2.8



Table 3

Revenue and Transaction

User	Direction	From	To	Revenue																	Transactions																	Average Toll Price (2013)																																						
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00	Total	13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00	Total	1:00-1:30	1:30-2:00	2:00-2:30	2:30-3:00	3:00-3:30	3:30-4:00	4:00-4:30	4:30-5:00	5:00-5:30	5:30-6:00	6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	Total																												
				Revenue																																	Transactions																																	Average Toll Price (2013)						
Transponder Users	Westbound	SB I-25	University	42	49	63	98	238	340	356	332	216	161	98	136	94	36	2,259	21	25	32	49	79	113	119	111	72	54	33	45	47	18	817	2.00	2.00	2.00	2.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.77																				
			Broadway	21	19	26	30	92	101	166	204	107	79	34	31	62	16	987	5	5	6	7	15	17	28	34	18	13	6	5	16	4	179	4.00	4.00	4.00	4.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	4.00																				
			Santa Fe	19	19	35	50	70	148	217	268	97	43	20	25	47	13	1,072	5	5	9	13	12	25	36	45	16	7	3	4	12	3	194	4.00	4.00	4.00	4.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	5.53																			
			Wadsworth	11	14	5	10	21	46	94	162	150	100	17	13	40	8	689	2	2	1	2	3	6	11	19	18	12	2	2	7	1	86	6.00	6.00	6.00	6.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	6.00																			
		Broadway	12	12	10	23	16	29	43	44	65	40	14	12	41	14	374	3	3	2	6	3	5	7	7	11	7	2	2	10	3	72	4.00	4.00	4.00	4.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	4.00																					
		Santa Fe	22	22	22	42	43	41	101	98	78	46	25	32	61	20	654	6	6	6	10	7	17	16	13	8	4	5	15	5	125	4.00	4.00	4.00	4.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	5.24																						
		Wadsworth	7	8	14	14	21	11	32	51	44	39	17	8	19	4	291	1	1	2	2	3	1	4	6	5	2	1	3	1	38	6.00	6.00	6.00	6.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	7.69																					
		Broadway	8	6	6	18	35	5	66	131	131	264	215	82	14	10	990	2	2	2	4	6	1	11	22	22	44	36	14	3	170	4.00	4.00	4.00	4.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	4.00																							
		Santa Fe	7	6	22	11	29	1	43	182	158	305	229	59	26	7	1,087	2	2	5	3	5	0	7	30	26	51	38	10	7	218	4.00	4.00	4.00	4.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	5.79																						
		Wadsworth	2	1	4	10	6	2	7	145	119	537	421	63	25	14	1,355	0	0	1	2	1	0	1	17	14	63	51	8	4	216	6.00	6.00	6.00	6.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.26																						
		Broadway	24	22	16	18	17	27	28	22	35	44	29	34	34	14	365	12	11	8	9	6	9	9	7	12	15	10	11	17	7	143	2.00	2.00	2.00	2.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.55																						
		Santa Fe	32	24	30	28	45	44	50	46	47	42	32	35	14	22	492	16	12	15	14	15	15	17	15	16	14	11	12	7	189	2.00	2.00	2.00	2.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.60																						
		Wadsworth	16	7	18	19	17	26	36	21	48	40	18	17	11	4	299	4	2	5	5	3	5	7	4	9	7	3	3	3	161	4.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	4.93																						
		Wadsworth	32	39	58	34	54	44	37	51	61	82	41	32	13	11	588	16	19	29	17	27	22	15	20	24	33	18	14	7	267	2.00	2.00	2.00	2.00	2.00	2.00	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.20																						
	Broadway	12	13	13	17	18	22	13	33	33	49	86	29	5	12	9	331	6	7	7	9	9	11	5	13	20	34	13	2	146	2.00	2.00	2.00	2.00	2.00	2.00	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.27																							
	Westbound Total	355	352	452	578	966	1,066	1,537	2,085	1,653	2,163	1,471	804	642	259	14,381	144	145	184	230	279	301	376	467	379	452	312	214	227	100	3,809	2.46	2.43	2.46	2.52	3.46	3.55	4.08	4.47	4.37	4.78	4.71	3.25	2.82	2.60	3.78																														
	Quebec	9	10	10	13	11	15	10	8	13	12	8	7	5	4	134	7	8	8	8	11	9	12	8	6	10	9	6	4	3	107	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25																					
	Yosemite	45	56	47	53	60	71	47	38	46	45	68	62	37	22	694	36	45	37	42	48	56	38	30	37	36	54	50	29	17	555	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25																				
	Quebec	9	8	8	11	12	7	11	9	14	9	11	7	6	5	126	7	6	9	10	6	9	10	7	7	6	7	4	4	2	100	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25																					
	Quebec	5	6	8	5	5	6	6	5	9	8	8	9	5	3	85	4	4	6	4	4	5	4	4	4	7	6	7	4	2	68	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25																					
	Quebec	31	35	29	34	30	35	29	29	29	30	53	47	26																																																														



Table 5a  
Westbound Managed Lane Speed

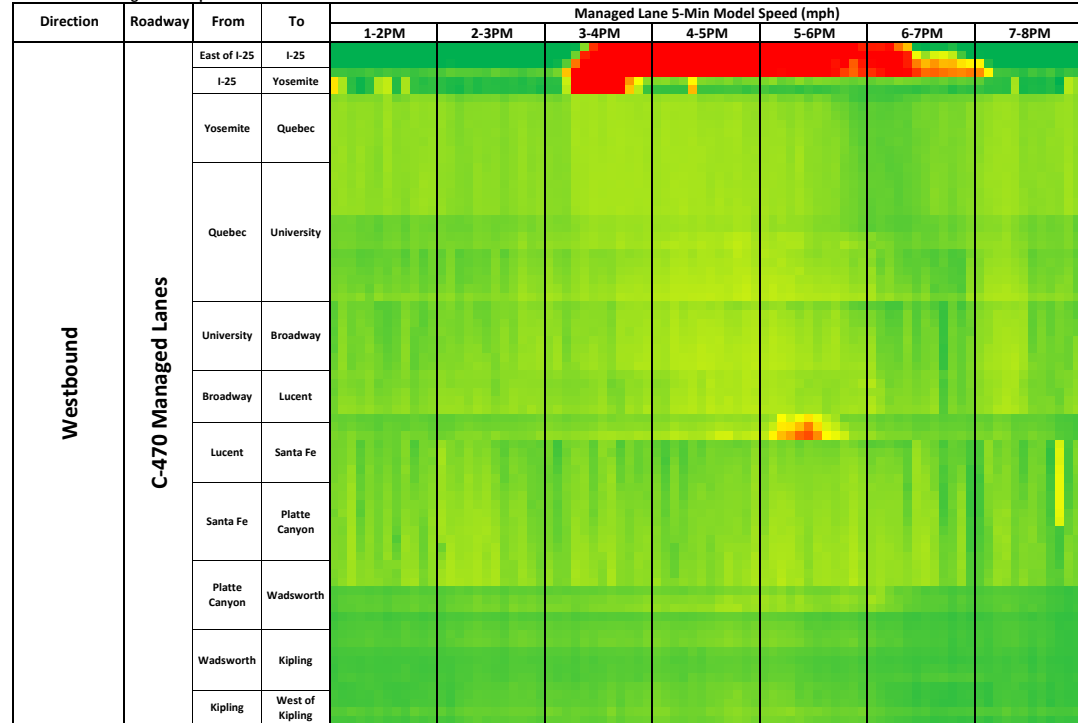


Table 5b  
Westbound General Purpose Lane Speed

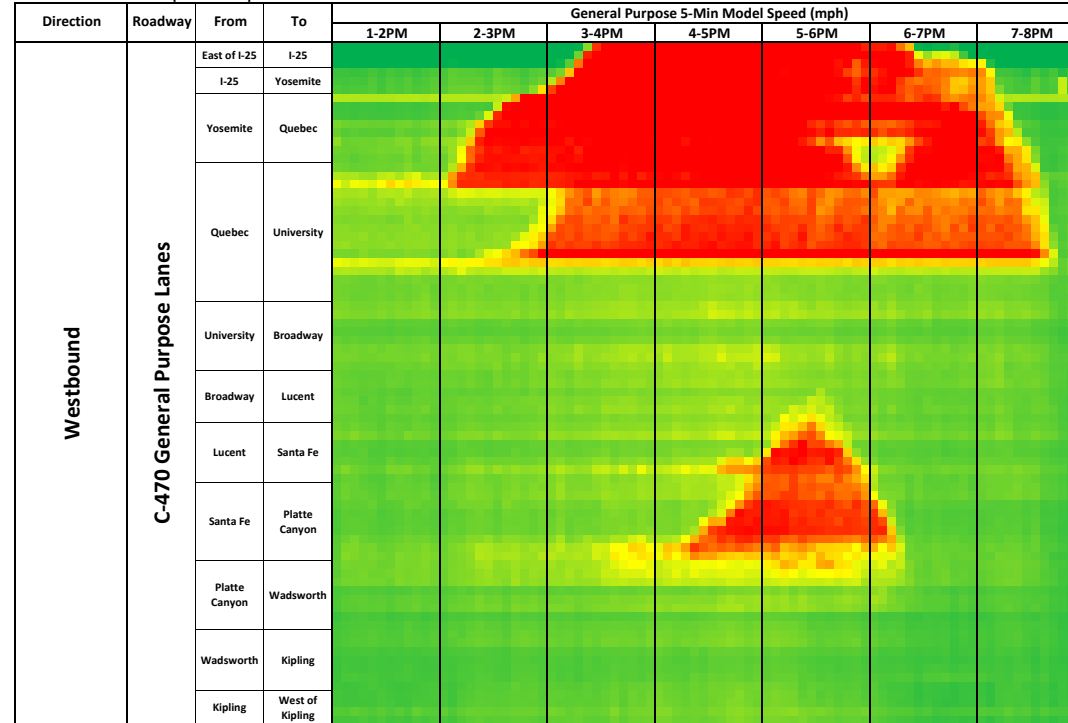


Table 5c  
Eastbound Managed Lane Speed

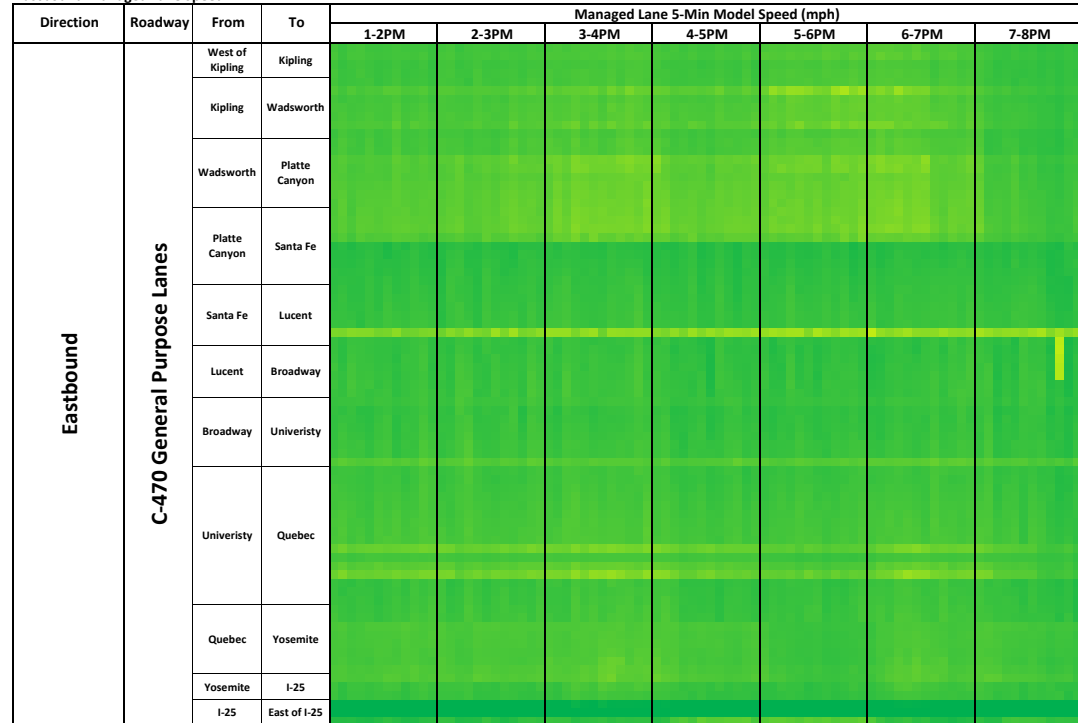


Table 5d  
Eastbound General Purpose Lane Speed

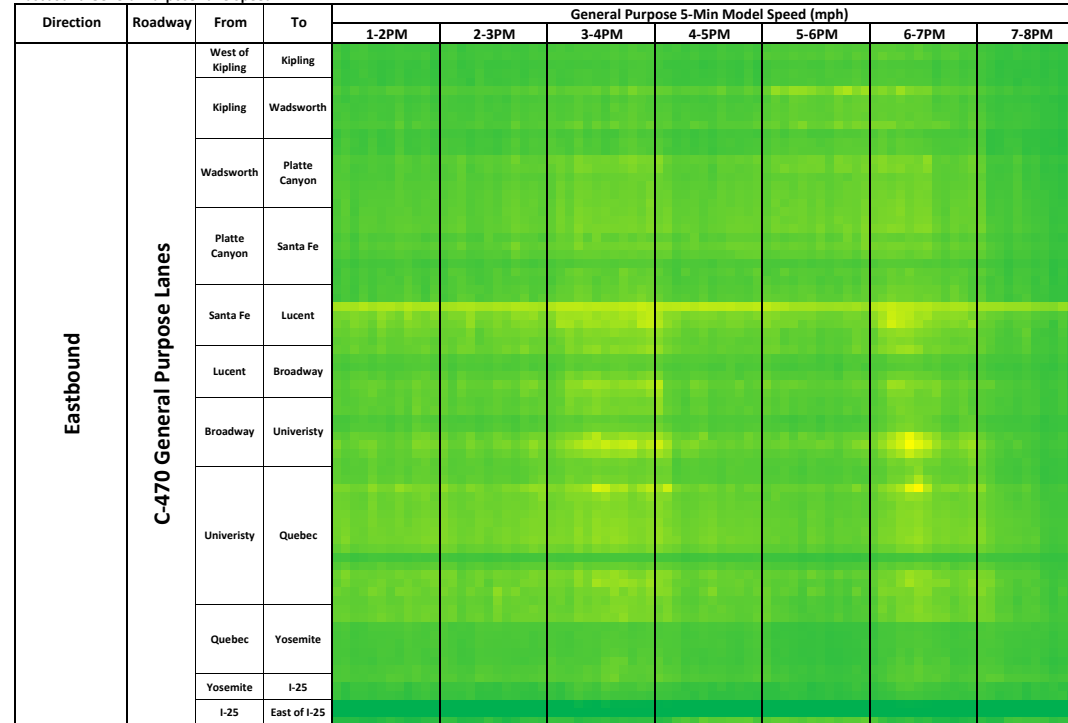


Table 5e  
NB I-25 Speed

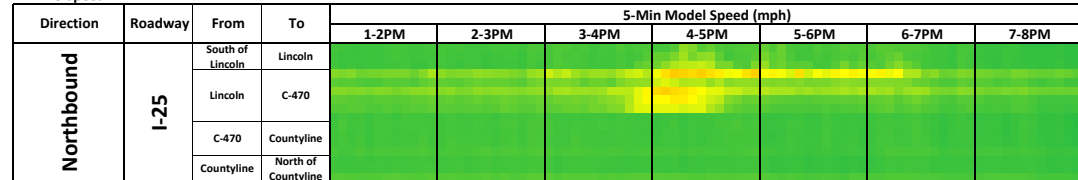


Table 5f  
SB I-25 Speed

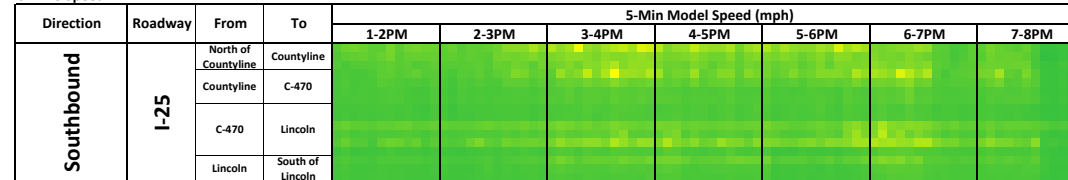


Table 6a  
Westbound Managed Lane Volume

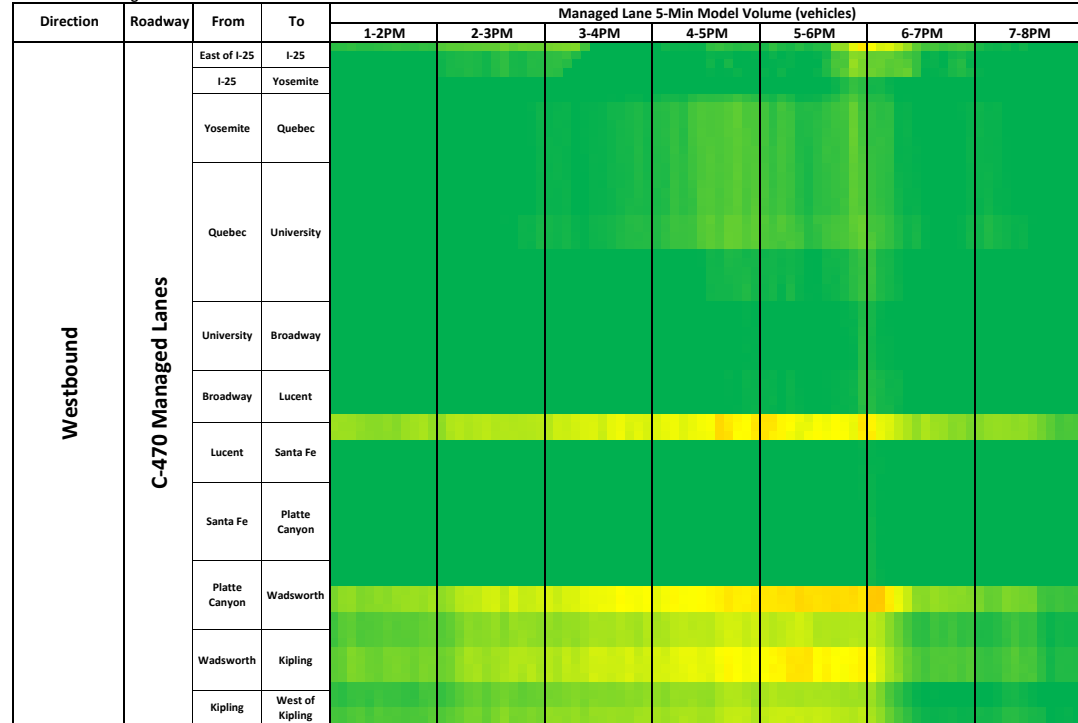


Table 6b  
Westbound General Purpose Lane Volume

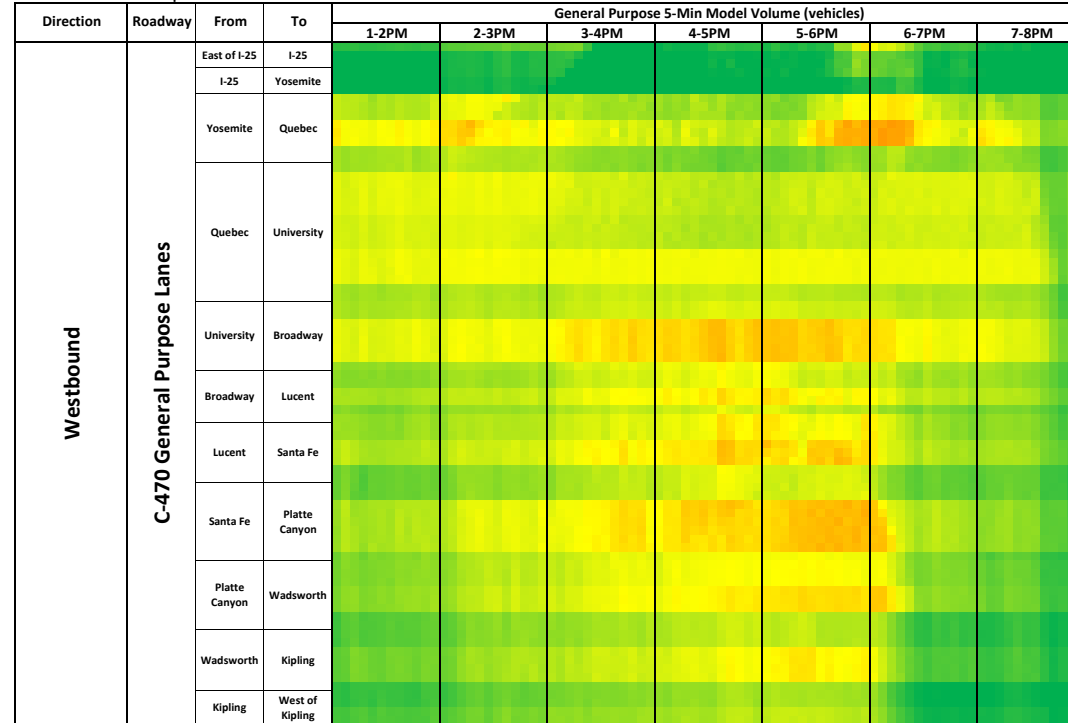


Table 6c  
Eastbound Managed Lane Volume

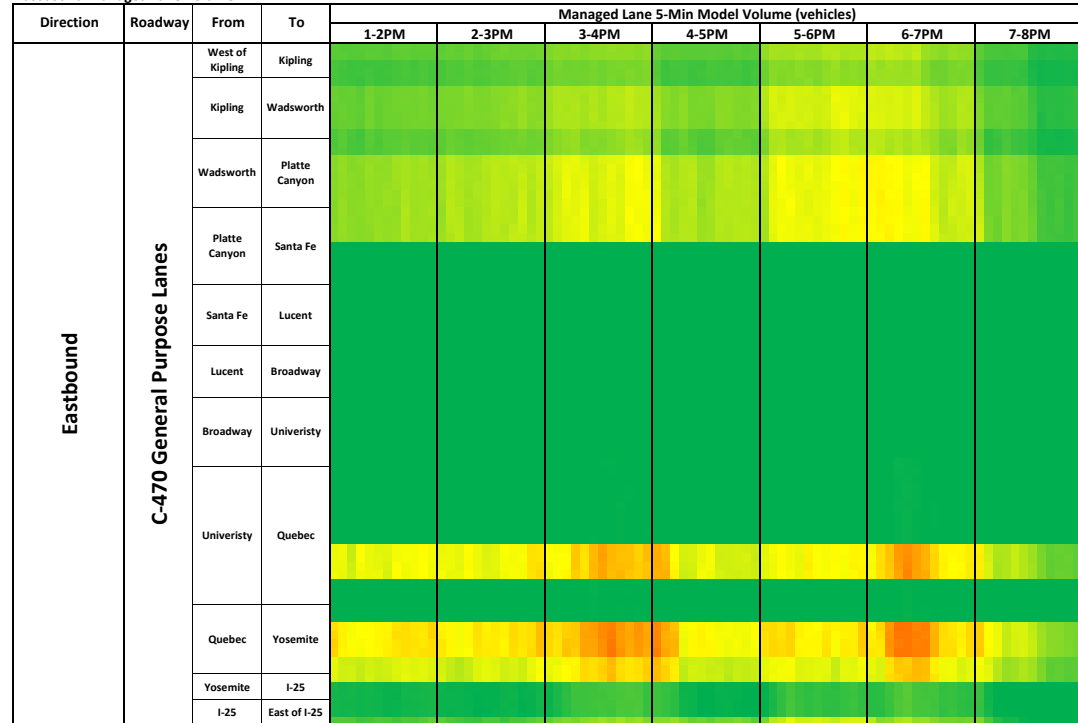


Table 6d  
Eastbound General Purpose Lane Volume

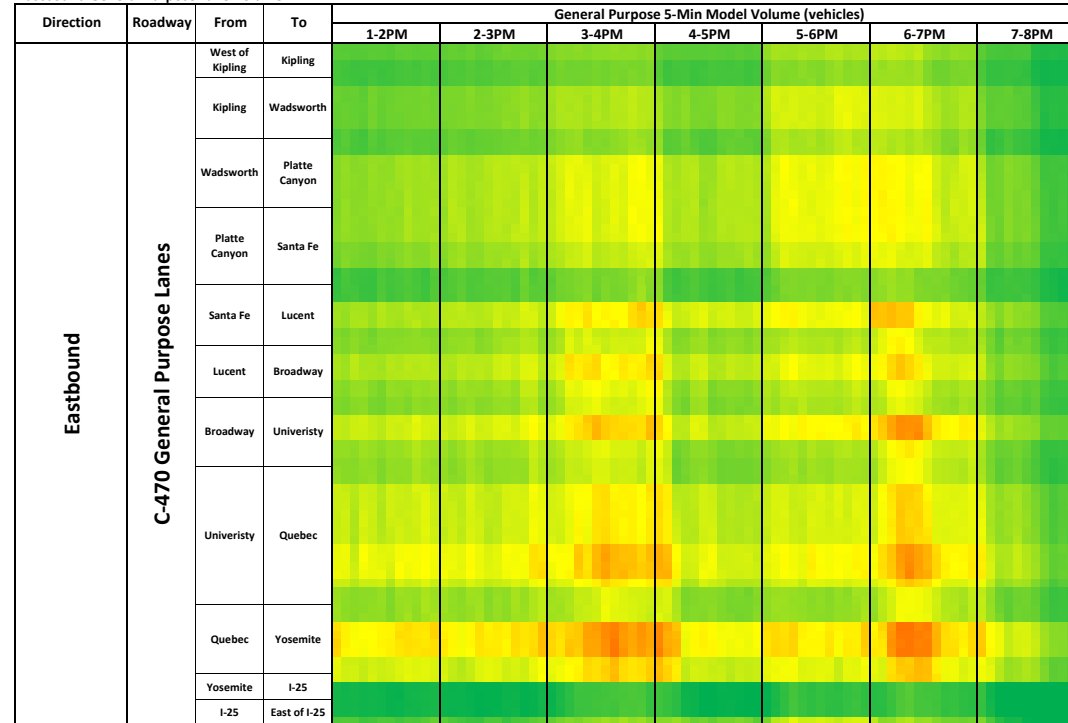


Table 6e  
NB I-25 Volume

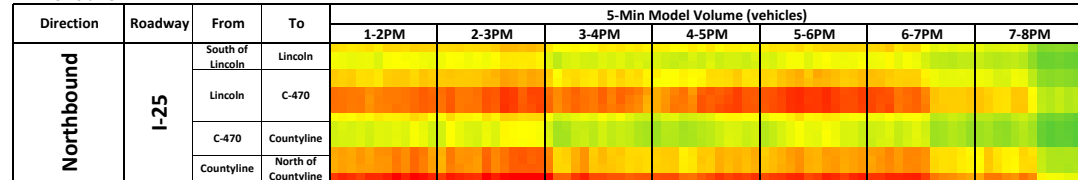
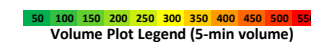
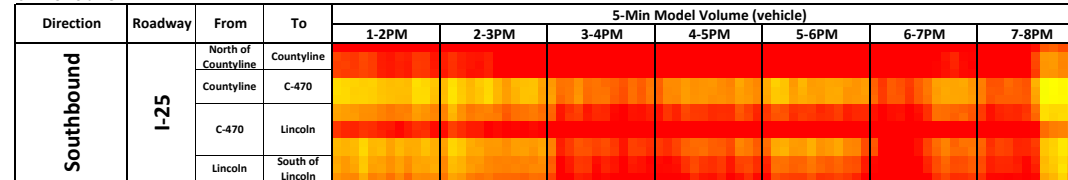


Table 6f  
SB I-25 Volume



## **Appendix G-3**

### **Option C Interim HOV 3+ Exempt 2025 AM**

**Table 1**  
**Network Summary**

Run#	Total VMT (veh-mi)	Total VHT (veh-hr)	Avg Spd (mph)	Avg Delay (s)	Latent Demand	Total Revenue (2013\$)
run1	1,571,284	57,794	27.19	294	14,298	\$37,200
run2	1,571,783	56,613	27.76	282	14,453	\$37,303
run3	1,569,936	61,616	25.48	332	14,889	\$33,032
run4	1,589,918	49,945	31.83	210	10,280	\$31,353
run5	1,587,320	53,540	29.65	247	12,140	\$36,038
run6						
run7						
run8						
run9						
run10						
Average	1,578,048	55,902	28.38	273	13,212	\$34,985

Revenue and Transaction by User Class

	Transponder	License Plate	Total
Revenue	\$20,540.75	\$14,444.45	\$34,985.20
Transaction	9,127	4,791	13,918
Avg Toll	\$2.25	\$3.01	\$2.51

Minimum Number of Runs Needed:

	Mean	Speed (mph)	Revenue (\$)
		28.38	34,985
Standard Deviation		2.44	2664
Target Error %	1.0%	284	223
	2.5%	46	36
	3.5%	24	19
	5.0%	12	9
	10.0%	3	3

**Table 2a**  
**Westbound Travel Time**

Direction	From	To	Distance (mi)	Model Travel Time (mins)													
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00
<b>WB C-470 - Managed Lane</b>	I-25	Yosemite	0.622	0.6	0.7	1.3	1.1	1.2	0.8	2.6	0.7	0.7	0.6	0.6	0.6	0.6	0.6
	Yosemite	Quebec	1.401	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5
	Quebec	Colorado	2.063	2.2	2.1	2.2	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	Colorado	University	1.030	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.3	1.1	1.1	1.1	1.1	1.0
	University	Broadway	1.489	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.6	1.5
	Broadway	Lucent	1.181	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.3	1.2
	Lucent	Santa Fe	1.403	1.4	1.4	1.5	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.4	1.4	1.4
	Santa Fe	Platte Canyon	1.581	1.6	1.7	1.7	1.6	1.7	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6
	Platte Canyon	Wadsworth	1.529	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	Wadsworth	Kipling	1.454	1.4	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	<b>Total</b>		<b>13.754</b>	<b>13.9</b>	<b>14.4</b>	<b>15.1</b>	<b>14.6</b>	<b>14.8</b>	<b>14.3</b>	<b>16.3</b>	<b>14.5</b>	<b>14.7</b>	<b>14.3</b>	<b>14.1</b>	<b>14.1</b>	<b>14.1</b>	<b>14.2</b>
<b>WB C-470 - General Purpose Lanes</b>	I-25	Yosemite	0.622	0.6	0.9	2.6	1.4	1.7	1.8	6.0	5.2	1.5	0.6	0.6	0.6	0.6	
	Yosemite	Quebec	1.401	1.4	2.6	6.7	5.9	6.2	5.9	5.4	5.9	1.8	1.4	1.4	1.4	1.4	
	Quebec	Colorado	2.063	2.1	3.1	4.6	6.4	6.7	5.7	2.9	2.3	4.1	3.4	2.1	2.1	2.2	
	Colorado	University	1.030	1.1	1.2	1.3	1.3	1.3	1.3	1.2	1.3	1.9	1.6	1.1	1.1	1.1	
	University	Broadway	1.489	1.5	1.7	1.8	1.6	1.6	1.6	1.5	1.5	2.5	1.6	1.5	1.5	1.5	
	Broadway	Lucent	1.181	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
	Lucent	Santa Fe	1.403	1.4	1.5	1.5	1.5	1.4	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	
	Santa Fe	Platte Canyon	1.581	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.6	1.5	1.6	1.6	
	Platte Canyon	Wadsworth	1.529	1.5	1.7	1.6	1.6	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
	Wadsworth	Kipling	1.454	1.4	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	
	<b>Total</b>		<b>13.540</b>	<b>13.7</b>	<b>17.1</b>	<b>24.4</b>	<b>23.9</b>	<b>24.6</b>	<b>23.5</b>	<b>24.2</b>	<b>23.3</b>	<b>18.7</b>	<b>15.7</b>	<b>13.5</b>	<b>13.8</b>	<b>13.9</b>	<b>13.7</b>
<b>WB C-470 - Travel Time Saving</b>	I-25	Yosemite	0.622	0.0	0.2	1.3	0.3	0.5	1.0	3.3	4.5	0.7	0.1	0.1	0.1	0.1	
	Yosemite	Quebec	1.401	-0.1	1.2	5.3	4.5	4.8	4.5	4.0	4.5	0.3	0.0	-0.1	0.0	-0.1	
	Quebec	Colorado	2.063	-0.1	0.9	2.4	4.3	4.6	3.6	0.7	0.1	1.8	1.2	-0.1	-0.1	-0.1	
	Colorado	University	1.030	0.0	0.1	0.2	0.2	0.2	0.2	0.1	0.2	0.7	0.5	0.0	0.0	0.0	
	University	Broadway	1.489	0.0	0.1	0.2	0.0	0.0	0.0	-0.1	-0.1	0.9	0.1	-0.1	0.0	0.0	
	Broadway	Lucent	1.181	0.0	0.0	0.0	0.0	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	
	Lucent	Platte Canyon	1.403	0.0	0.1	0.0	0.1	0.0	0.1	0.0	-0.1	-0.1	0.0	-0.1	-0.1	0.0	
	Platte Canyon	Santa Fe	1.581	-0.1	0.0	-0.1	0.0	-0.1	0.0	-0.1	-0.1	-0.2	-0.1	-0.1	-0.1	-0.1	
	Santa Fe	Wadsworth	1.529	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	-0.2	-0.1	-0.1	-0.1	-0.1	
	Wadsworth	Kipling	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	<b>Total</b>		<b>13.540</b>	<b>-0.3</b>	<b>2.7</b>	<b>9.3</b>	<b>9.3</b>	<b>9.8</b>	<b>9.3</b>	<b>7.9</b>	<b>8.7</b>	<b>4.0</b>	<b>1.4</b>	<b>-0.6</b>	<b>-0.3</b>	<b>-0.2</b>	<b>-0.4</b>

**Table 2b**  
**Eastbound Travel Time**

Direction	From	To	Distance (mi)	Model Travel Time (mins)													
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00
EB C-470 - Managed Lane	Kipling	Wadsworth	1.454	1.4	3.9	6.8	6.9	6.4	6.1	6.7	6.5	4.9	18.3	11.5	3.3	2.0	1.4
	Wadsworth	Platte Canyon	1.530	1.5	2.9	3.3	3.3	3.1	3.1	3.4	3.3	6.9	22.0	8.0	3.0	1.9	1.8
	Platte Canyon	Santa Fe	1.569	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.7	5.8	7.0	3.7	1.8	1.5	1.5
	Santa Fe	Lucent	1.403	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.7	7.8	3.7	2.0	1.4	1.3	1.3
	Lucent	Broadway	1.204	1.1	1.1	1.2	1.1	1.1	1.1	1.2	1.2	1.2	2.9	1.4	1.2	1.1	1.1
	Broadway	University	1.473	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.7	3.7	4.7	1.7	1.5	1.4	1.4
	University	Colorado	1.026	1.0	1.0	1.0	1.0	1.0	1.0	1.3	6.3	4.0	2.2	1.2	1.0	1.0	1.0
	Colorado	Quebec	2.068	2.0	2.0	2.0	2.0	2.0	2.0	15.6	21.6	12.9	3.4	2.1	2.0	1.9	1.9
	Quebec	Yosemite	1.388	1.3	1.3	1.3	1.4	1.3	9.4	30.1	20.9	5.6	3.0	1.8	1.3	1.3	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	2.9	8.1	1.8	0.9	0.8	0.7	0.6	0.6
	Total		13.749	13.1	17.1	20.6	20.7	19.8	29.9	70.6	66.6	53.4	68.1	34.1	17.1	14.0	13.4
EB C-470 - General Purpose Lanes	Kipling	Wadsworth	1.454	1.4	3.9	6.8	6.9	6.4	6.1	6.7	6.5	4.9	18.3	11.5	3.3	2.0	1.4
	Wadsworth	Platte Canyon	1.530	1.5	2.9	3.3	3.3	3.1	3.1	3.4	3.3	6.9	22.0	8.0	3.0	1.9	1.8
	Platte Canyon	Santa Fe	1.569	1.6	1.6	1.6	1.6	1.6	1.6	1.6	3.1	29.2	32.9	10.4	1.7	1.6	1.6
	Santa Fe	Lucent	1.403	1.5	1.7	2.5	1.5	1.5	1.5	2.5	16.1	48.5	39.1	12.1	1.6	1.5	1.5
	Lucent	Broadway	1.204	1.3	1.9	3.9	2.2	1.6	2.8	3.9	25.5	36.6	13.4	2.6	1.3	1.3	1.3
	Broadway	University	1.473	1.5	2.1	3.4	4.1	4.5	5.0	8.8	33.9	37.4	8.0	1.7	1.6	1.6	1.6
	University	Colorado	1.026	1.0	1.4	2.4	2.5	2.6	2.5	9.2	31.2	12.8	2.3	1.1	1.1	1.1	1.1
	Colorado	Quebec	2.068	2.1	2.2	2.2	2.1	2.1	2.2	24.2	41.9	17.4	3.5	2.2	2.2	2.2	2.1
	Quebec	Yosemite	1.388	1.4	1.4	1.4	1.4	1.4	9.0	33.8	32.5	9.9	3.4	2.1	1.4	1.4	1.4
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	2.9	8.1	1.8	0.9	0.8	0.7	0.6	0.6
	Total		13.749	14.0	19.8	28.2	26.4	25.4	36.8	102.2	195.8	204.2	143.7	52.4	17.8	15.1	14.3
EB C-470 - Travel Time Saving	Kipling	Wadsworth	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Wadsworth	Platte Canyon	1.530	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Platte Canyon	Santa Fe	1.569	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.4	23.4	25.9	6.8	-0.1	0.1	0.1
	Santa Fe	Lucent	1.403	0.2	0.4	1.2	0.2	0.2	0.2	1.2	14.4	40.7	35.4	10.1	0.2	0.2	0.2
	Lucent	Broadway	1.204	0.2	0.8	2.7	1.0	0.4	1.7	2.7	24.4	35.4	10.5	1.2	0.1	0.2	0.2
	Broadway	University	1.473	0.1	0.7	1.9	2.7	3.1	3.6	7.4	32.2	33.7	3.3	-0.1	0.2	0.2	0.2
	University	Colorado	1.026	0.1	0.4	1.4	1.5	1.6	1.5	7.9	24.8	8.9	0.1	-0.1	0.0	0.1	0.1
	Colorado	Quebec	2.068	0.1	0.2	0.2	0.1	0.1	0.2	8.7	20.2	4.5	0.1	0.1	0.2	0.2	0.2
	Quebec	Yosemite	1.388	0.0	0.1	0.1	0.0	0.0	-0.4	3.7	11.6	4.4	0.4	0.2	0.1	0.1	0.1
	Yosemite	I-25	0.635	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total		13.749	0.8	2.6	7.6	5.6	5.5	6.9	31.6	129.2	150.8	75.6	18.3	0.7	1.0	1.0





Table 3

Revenue and Transaction																																																				
User	Direction	From	To	Revenue																Transactions																Average Toll Price (2013)																
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00	Total	6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00	Total	6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00	Total				
Transponder Users	Westbound	SB I-25	University	36	62	73	90	80	66	78	48	48	44	32	38	48	48	791	18	31	33	40	36	29	39	24	24	16	19	24	24	378	2.00	2.00	2.25	2.25	2.25	2.25	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.09					
			Broadway	17	40	37	54	64	28	56	58	62	24	13	21	15	15	15	502	4	11	9	13	15	7	15	16	6	3	6	4	4	128	3.75	3.75	4.25	4.25	4.25	4.25	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.92				
			Santa Fe	20	34	35	29	54	25	44	27	51	23	10	24	22	22	418	5	9	8	7	13	6	12	7	14	6	3	6	6	107	3.75	3.75	4.25	4.25	4.25	4.25	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.91					
			Wadsworth	10	21	19	20	23	16	17	10	15	19	10	13	13	15	221	2	4	3	3	4	3	2	3	2	3	2	2	2	3	39	5.50	5.50	6.00	6.00	6.00	6.00	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.67				
		NB I-25	Broadway	University	34	73	99	87	95	100	80	56	52	39	37	41	47	36	876	17	37	44	39	42	44	40	28	26	20	19	21	24	18	417	2.00	2.00	2.25	2.25	2.25	2.25	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.10			
		Santa Fe		17	29	45	35	41	34	50	33	53	22	12	14	15	10	407	4	8	11	8	10	8	13	9	14	6	3	4	4	3	104	3.75	3.75	4.25	4.25	4.25	4.25	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.93				
		Wadsworth		13	44	30	31	49	44	47	37	84	32	27	15	22	19	494	3	12	7	7	12	10	13	10	22	9	7	4	6	5	127	3.75	3.75	4.25	4.25	4.25	4.25	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.89				
		E-470	Broadway	University	8	17	19	30	26	20	24	24	63	15	11	12	12	12	294	1	3	3	5	4	3	4	3	4	3	2	2	2	52	5.50	5.50	6.00	6.00	6.00	6.00	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.65				
				Santa Fe	32	88	160	194	208	162	62	54	42	30	19	29	24	24	1,129	16	44	71	86	92	72	31	27	21	15	10	14	12	12	524	2.00	2.00	2.25	2.25	2.25	2.25	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.15			
				Wadsworth	11	43	71	90	111	101	30	50	45	12	7	16	12	11	609	3	11	17	21	26	24	8	13	12	3	2	4	3	3	151	3.75	3.75	4.25	4.25	4.25	4.25	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	4.04			
		Quebec	Broadway	University	29	59	88	141	120	113	38	20	42	20	12	10	12	10	714	8	16	21	33	28	27	10	5	11	5	3	3	4	176	3.75	3.75	4.25	4.25	4.25	4.25	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	4.06				
				Santa Fe	12	33	28	68	77	52	17	7	10	11	8	13	4	4	343	2	6	5	11	13	9	3	1	2	2	1	2	1	59	5.50	5.50	6.00	6.00	6.00	6.00	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.82				
				Wadsworth	10	9	7	19	19	22	12	14	25	24	19	36	27	28	270	6	5	3	9	9	11	7	3	8	14	14	11	21	15	16	149	1.75	1.75	2.00	2.00	2.00	2.00	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.81		
		University	Broadway	Quebec	21	32	21	40	50	30	16	32	55	25	34	41	36	488	12	18	11	20	25	15	9	18	31	32	14	20	23	21	269	1.75	1.75	2.00	2.00	2.00	2.00	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.82				
	Santa Fe			45	67	38	39	41	35	22	27	71	66	34	55	49	52	639	26	38	19	19	21	18	12	15	40	38	19	31	28	30	354	1.75	1.75	2.00	2.00	2.00	2.00	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.80				
	Wadsworth			21	25	30	23	27	17	11	4	6	14	11	18	22	26	254	6	7	8	6	7	4	3	1	2	4	3	5	6	7	71	3.50	3.50	3.75	3.75	3.75	3.75	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.59				
	Broadway	Quebec	University	23	46	44	36	32	28	22	14	28	31	28	29	34	29	425	13	26	25	21	18	16	13	8	16	18	16	17	19	17	243	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	
			Santa Fe	53	93	65	44	40	33	29	14	34	30	35	37	37	37	585	30	53	37	25	23	19	17	8	20	17	20	21	22	334	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75		
			Wadsworth	15	32	22	40	27	18	12	7	12	20	8	16	20	15	255	8	18	13	17	16	10	7	4	7	11	5	9	11	8	146	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	
	University	Broadway	Westbound Total	424	844	931	1,101	1,184	944	666	536	797	530	358	471	477	451	9,715	185	357	346	392	414	335	259	210	307	233	159	211	216	204	3,828	2.29	2.37	2.69	2.81	2.86	2.82	2.57	2.56	2.60	2.28	2.25	2.23	2.21	2.21	2.54				
			Wadsworth	36	41	42	39	33	42	47	148	137	258	127	47	40	39	1,073	24	27	28	26	13	17	19	59	55	103	85	31	26	26	539	1.50	1.50	1.50	1.50	1.50	1.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	1.50	1.50	1.50	1.50	1.99
			Quebec	28	42	73	64	59	55	95	287	106	161	84	51	24	15	1,145	19	28	49	43	23	22	38	115	42	64	56	34	16	10	560	1.50	1.50	1.50	1.50	1.50	1.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	1.50	1.50	1.50	1.50	2.04
	Lucent	Broadway	Quebec	15	23	29	31	36	38	30	31	168	109	22	16	14	13	575	10	15	20	21	14	15	12	12	6	44	15	11	9	273	1.50	1.50	1.50	1.50	1.50	1.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	1.50	1.50	1.50	1.50	2.10	
			Santa Fe	61	84	101	114	132	145	172	104	341	281	60	59	49	58	1,762	41	56	67	76	53	58	69	42	136	112	40	39	33	39	862	1.50	1.50	1.50	1.50	1.50	1.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	1.50	1.50	1.50	1.50	2.05
			Wadsworth	1	2	6	11	11	14	9	30	134	32	8	8	9	8	282	1	2	4	7	4	5	4	12	5	4	13	5	6	5	127	1.50	1.50	1.50	1.50	1.50	1.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	1.50	1.50	1.50	1.50	2.02
	University	Broadway	Quebec	33	58	52	71	69	66	75	105	385	145	46	57	50	52	1,263	22	39	35	47	27	26	30	42	154	58	31	38	33	34	617	1.50	1.50	1.50	1.50	1.50	1.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	1.50	1.50	1.50	1.50	2.05
			Santa Fe	34	47	46	51	57	52	31	242	186	54	35	43	47	37	961	23	31	31	34	23	21	12	97	74	21	23	29	31	25	475	1.50	1.50	1.50	1.50	1.50	1.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	1.50	1.50	1.50	1.50	2.02
			Wadsworth	309	433	540	557	602	646	806	1,605	1,856	1,682	748	428	319	298	10,826	206	289	360	371	241	258	322	642	742	673	499	285	213	199	5,299	1.50	1.50	1.50	1.50	1.50	1.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	1.50	1.50	1.50	1.50	2.04
Total	Westbound	Westbound Total	733	1,277	1,471	1,658	1,786	1,590	1,472	1,402	2,653	2,212	1,745	898	796	20,541	291	646	706	763	654	593	322	851	851	906	658	486	429	9,127	1.87	1.98	2.08	2.17	2.73	2.68	2.53	2.51	2.53	2.44	1.68	1.81	1.86	1.86	2.25							
		Eastbound	36	41	42	39	33	42	47	148	137	258	127	47	40	39	1,073	24	27	28	26	13	17	19	59	55	103	85	31	26	26	539	1.50	1.50	1.50	1.50	1.50	1.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	1.50	1.50	1.50	1.50	1.99	
		Lucent																																																		



Table 5a  
Westbound Managed Lane Speed

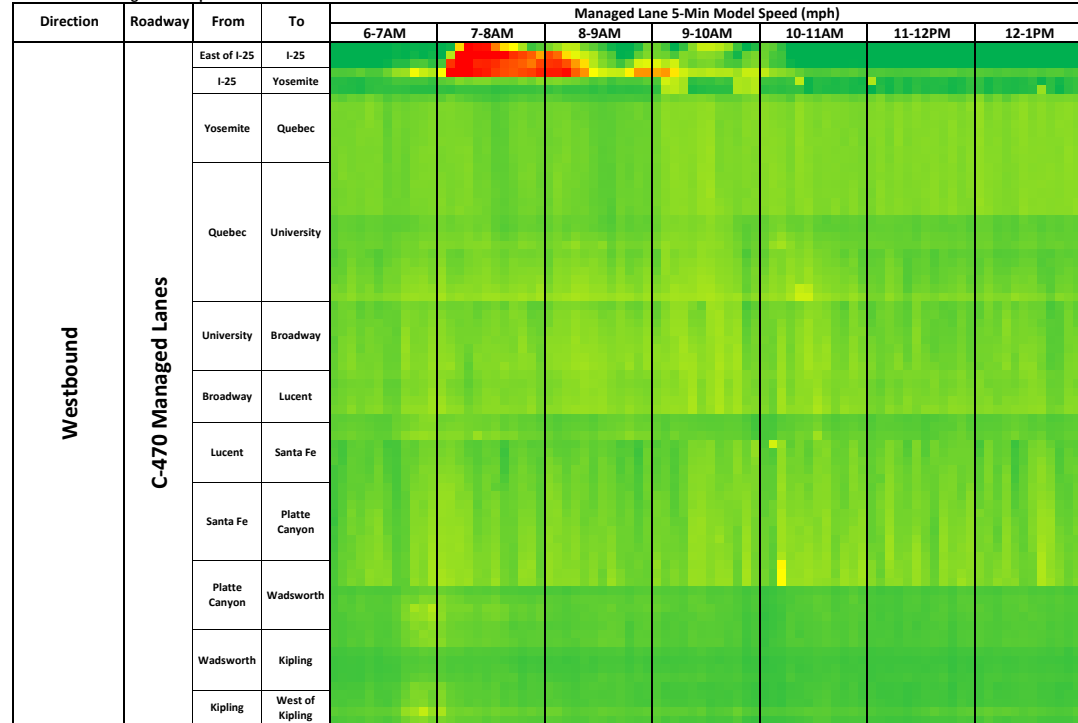


Table 5b  
Westbound General Purpose Lane Speed

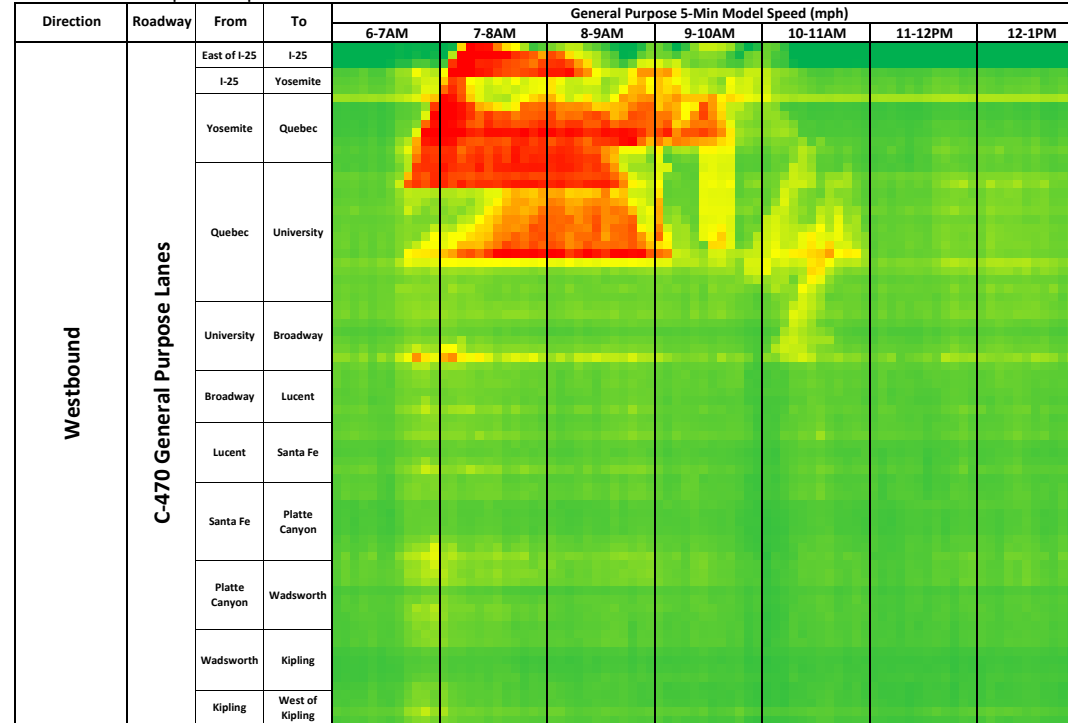


Table 5c  
Eastbound Managed Lane Speed

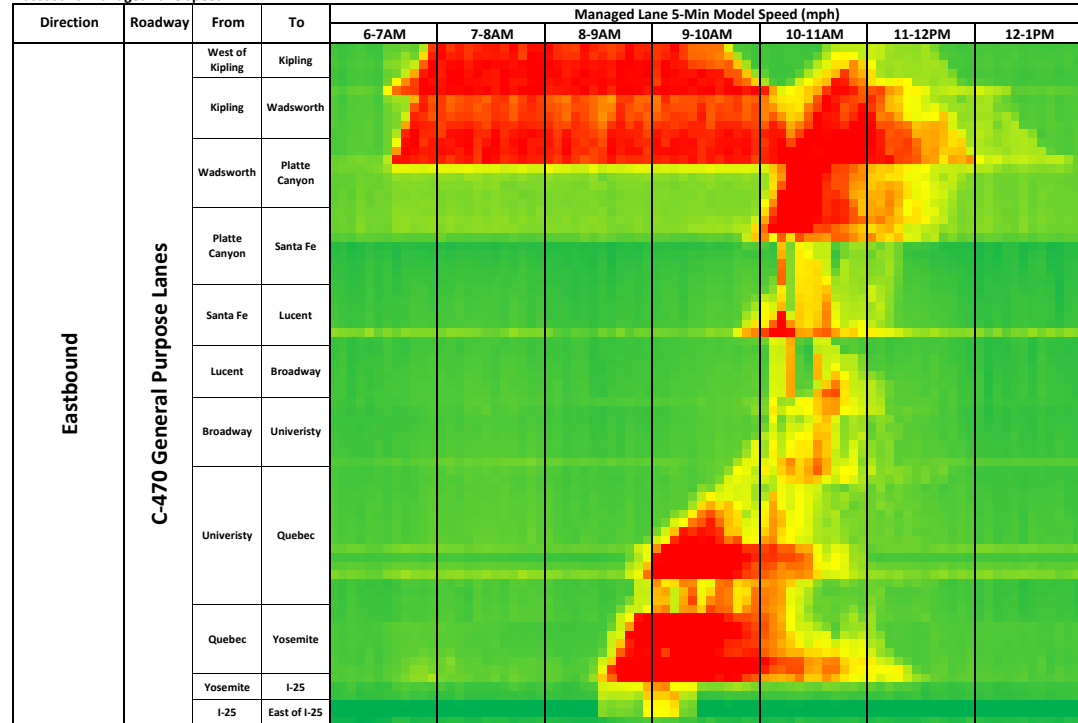


Table 5d  
Eastbound General Purpose Lane Speed

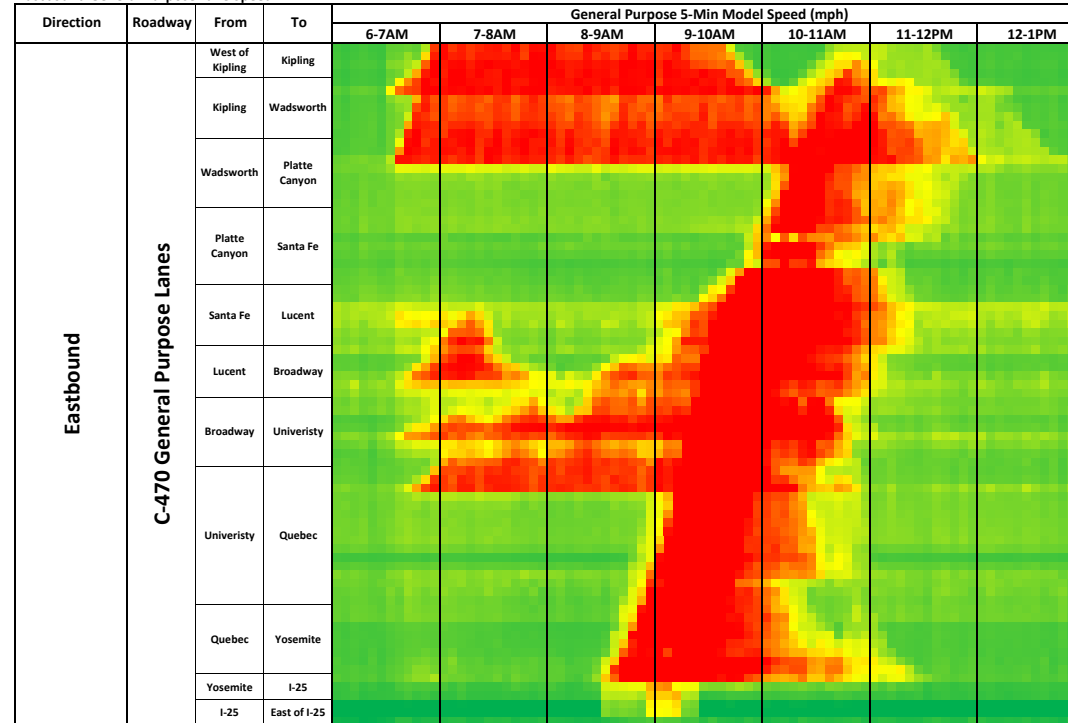


Table 5e  
NB I-25 Speed

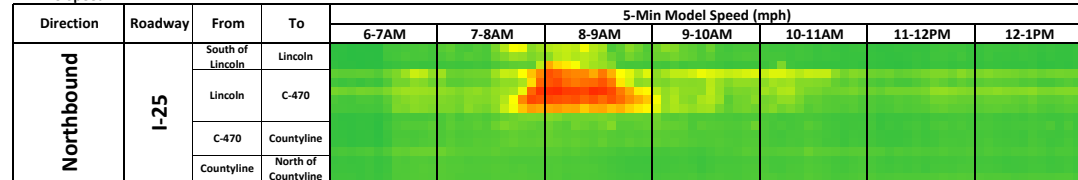


Table 5f  
SB I-25 Speed

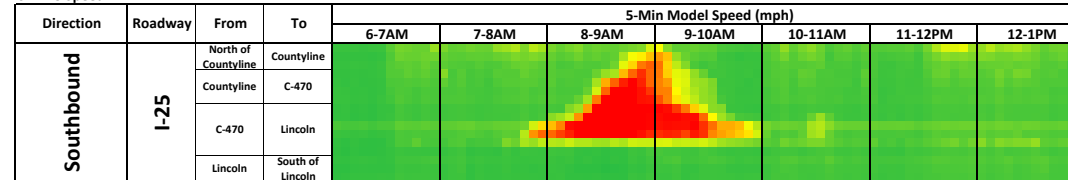


Table 6a  
Westbound Managed Lane Volume

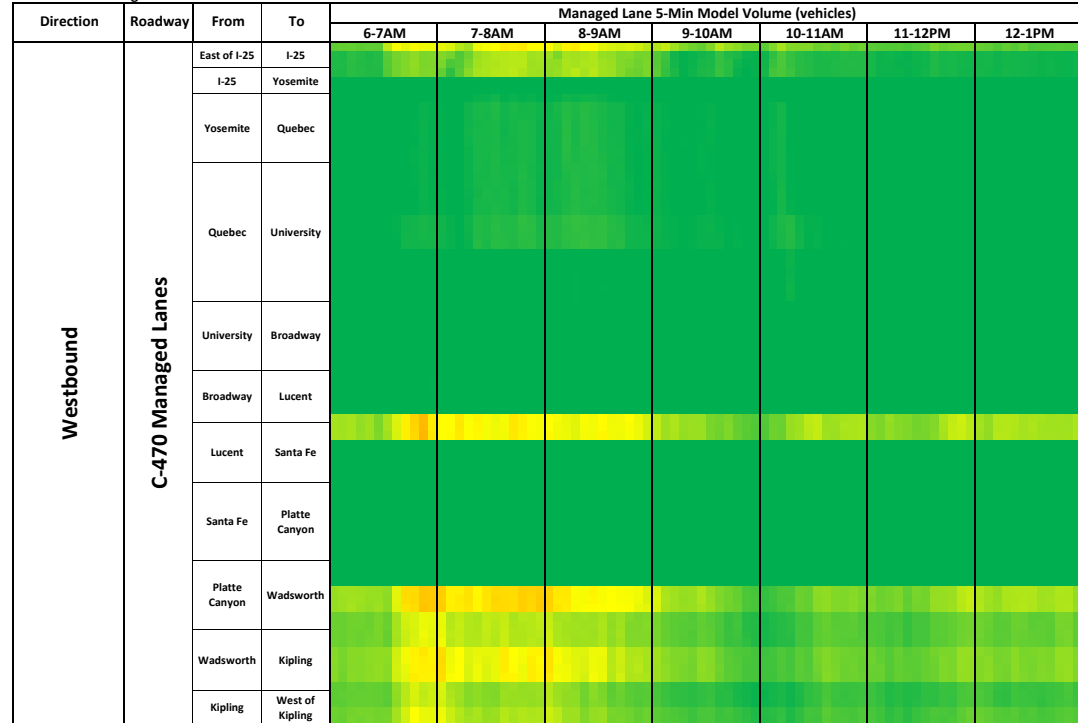


Table 6b  
Westbound General Purpose Lane Volume

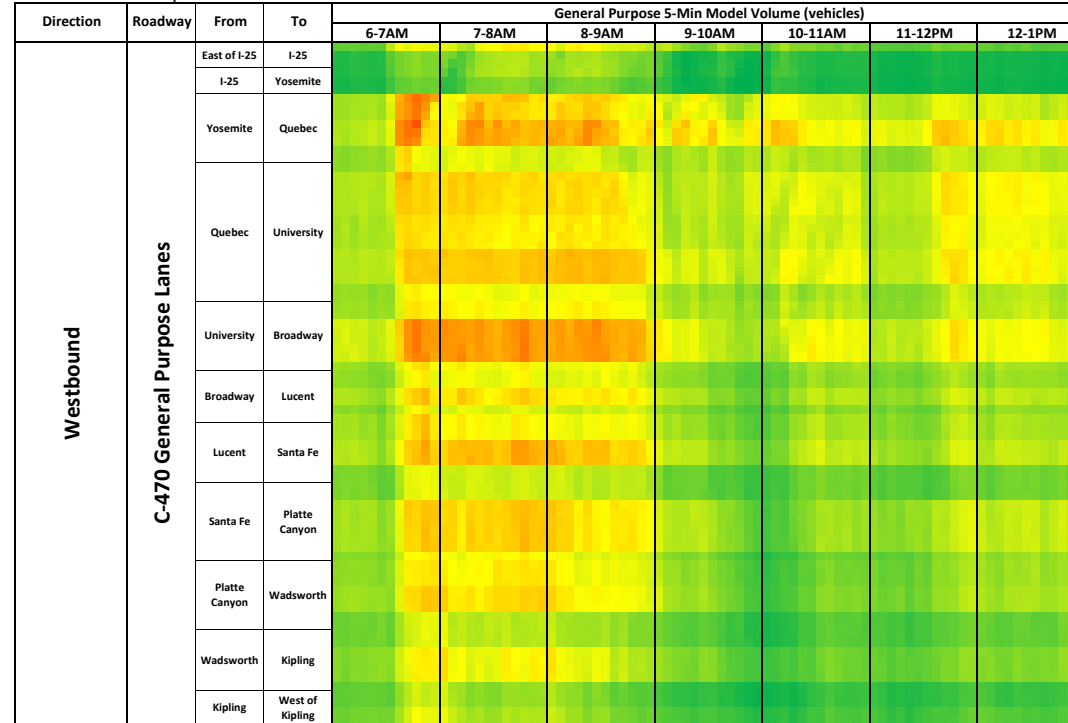


Table 6c  
Eastbound Managed Lane Volume

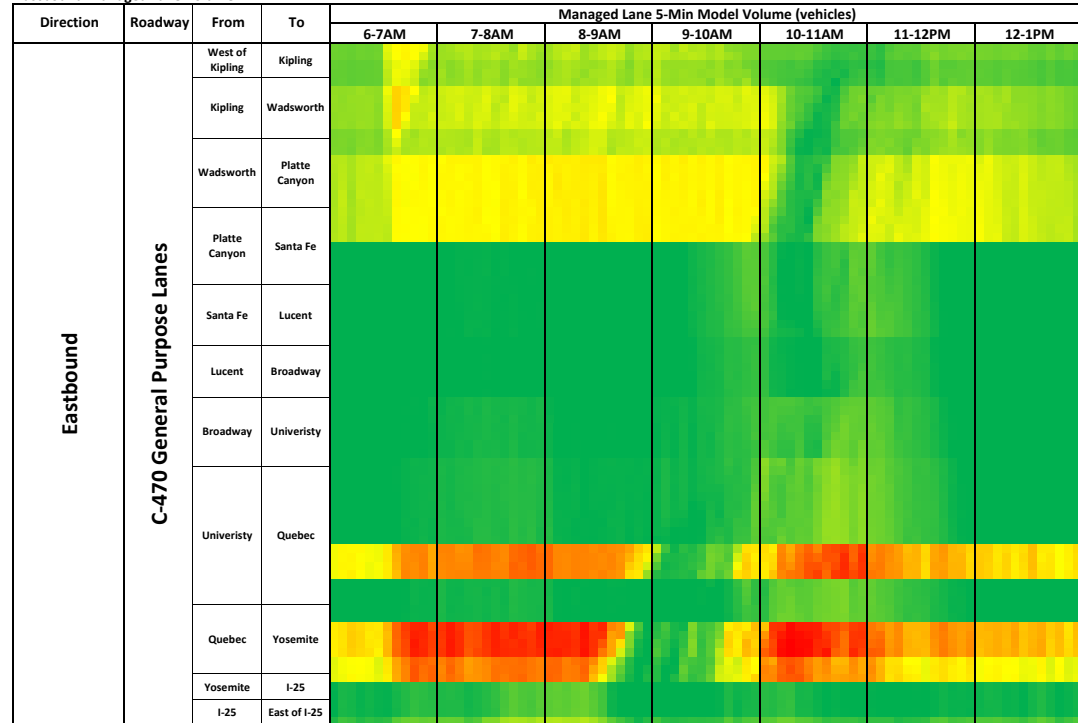


Table 6d  
Eastbound General Purpose Lane Volume

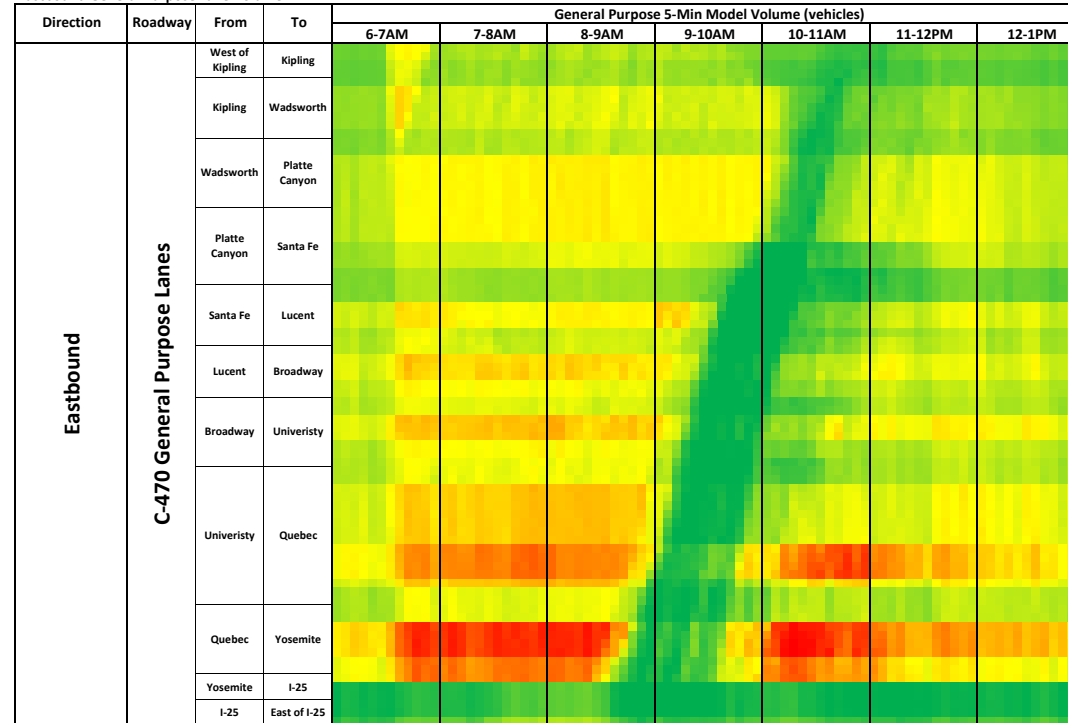


Table 6e  
NB I-25 Volume

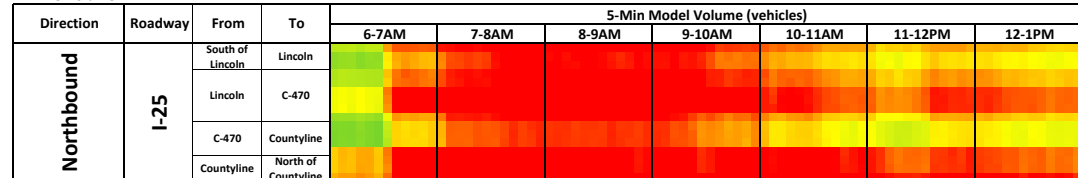
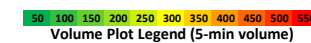
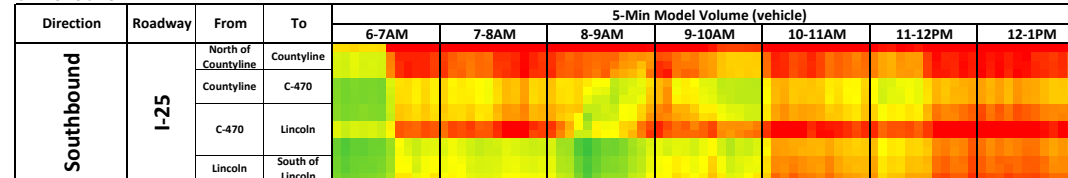


Table 6f  
SB I-25 Volume



## **Appendix G-4**

### **Option C Interim HOV 3+ Exempt 2025 PM**

**Table 1**  
**Network Summary**

Run#	Total VMT (veh-mi)	Total VHT (veh-hr)	Avg Spd (mph)	Avg Delay (s)	Latent Demand	Total Revenue (2013\$)
run1	1,679,000	48,924	34.32	158	12,937	\$41,228
run2	1,696,850	47,938	35.40	145	10,490	\$43,406
run3	1,688,249	48,294	34.96	151	12,629	\$44,782
run4	1,680,240	49,321	34.07	161	12,684	\$42,253
run5	1,687,757	48,884	34.53	155	11,815	\$45,640
run6						
run7						
run8						
run9						
run10						
Average	1,686,419	48,672	34.65	154	12,111	\$43,462

Revenue and Transaction by User Class

	Transponder	License Plate	Total
Revenue	\$25,683.60	\$17,777.90	\$43,461.50
Transaction	8,628	4,633	13,261
Avg Toll	\$2.98	\$3.84	\$3.28

Minimum Number of Runs Needed:

	Mean	Speed (mph)	Revenue (\$)
		34.65	43,462
Standard Deviation		0.53	1799
Target Error %	1.0%	9	66
	2.5%	2	11
	3.5%	1	6
	5.0%	1	3
	10.0%	1	1

**Table 2a**  
**Westbound Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)														
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00	
<b>WB C-470 - Managed Lane</b>	I-25	Yosemite	0.622	0.6	0.6	0.6	0.8	17.0	10.7	2.6	2.6	2.4	0.9	1.4	1.1	0.8	0.6	
	Yosemite	Quebec	1.401	1.5	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.4	1.5	1.5	
	Quebec	Colorado	2.063	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.1	2.1	2.3	2.3	
	Colorado	University	1.030	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	
	University	Broadway	1.489	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.7
	Broadway	Lucent	1.181	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.5	1.4	1.3	1.3	1.3
	Lucent	Santa Fe	1.403	1.5	1.5	1.4	1.4	1.5	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4
	Santa Fe	Platte Canyon	1.581	1.7	1.7	1.7	1.6	1.7	1.6	1.7	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.6
	Platte Canyon	Wadsworth	1.529	1.6	1.6	1.6	1.6	1.7	1.6	1.7	1.8	1.8	1.8	1.9	1.6	1.6	1.6	
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	
	Total		13.754	14.4	14.4	14.4	14.8	31.4	24.9	17.0	17.3	17.0	15.5	15.8	14.7	14.8	14.5	
<b>WB C-470 - General Purpose Lanes</b>	I-25	Yosemite	0.622	0.6	0.6	0.9	11.5	34.1	43.6	35.0	30.0	22.9	4.5	4.9	3.0	2.7	1.2	
	Yosemite	Quebec	1.401	1.5	1.9	5.0	9.3	10.9	12.0	12.9	12.8	10.4	4.2	4.2	5.9	7.3	2.4	
	Quebec	Colorado	2.063	2.8	3.6	4.4	6.2	7.9	8.5	9.7	9.8	8.4	5.3	2.6	5.2	7.1	5.0	
	Colorado	University	1.030	1.2	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	2.2	1.3	1.4	1.4	1.3	
	University	Broadway	1.489	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.8	2.3	4.6	2.2	1.5	1.6	1.5	
	Broadway	Lucent	1.181	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.4	4.8	4.8	2.4	1.2	1.2	1.2	
	Lucent	Santa Fe	1.403	1.4	1.4	1.5	1.5	1.5	1.6	1.6	3.1	6.5	5.4	3.3	1.4	1.5	1.4	
	Santa Fe	Platte Canyon	1.581	1.6	1.6	1.7	1.8	1.9	2.4	3.1	5.0	5.3	4.8	4.2	2.0	1.6	1.6	
	Platte Canyon	Wadsworth	1.529	1.6	1.6	1.6	1.6	1.7	1.8	1.9	1.9	2.0	2.1	2.0	1.6	1.5	1.5	
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	
	Total		13.540	14.9	16.2	20.6	37.5	63.8	75.7	70.2	68.7	65.4	39.3	28.7	24.6	27.3	18.5	
<b>WB C-470 - Travel Time Saving</b>	I-25	Yosemite	0.622	0.0	0.1	0.3	10.7	17.0	32.9	32.4	27.5	20.5	3.5	3.5	1.9	1.9	0.6	
	Yosemite	Quebec	1.401	0.0	0.5	3.6	7.8	9.4	10.4	11.4	11.3	8.9	2.9	2.8	4.5	5.8	0.8	
	Quebec	Colorado	2.063	0.6	1.4	2.2	4.0	5.6	6.2	7.4	7.4	6.1	3.0	0.5	3.1	4.8	2.7	
	Colorado	University	1.030	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2	1.0	0.2	0.3	0.3	0.2	
	University	Broadway	1.489	0.0	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.6	2.9	0.6	0.0	-0.1	-0.1	
	Broadway	Lucent	1.181	-0.1	-0.1	-0.1	-0.1	0.0	0.0	-0.1	0.0	3.4	3.3	1.0	-0.1	-0.1	-0.1	
	Lucent	Platte Canyon	1.403	0.0	0.0	0.0	0.1	0.1	0.2	0.2	1.6	4.9	3.8	1.8	0.0	0.0	0.0	
	Platte Canyon	Santa Fe	1.581	-0.1	-0.1	0.0	0.1	0.2	0.8	1.4	3.2	3.5	3.0	2.4	0.3	0.0	-0.1	
	Santa Fe	Wadsworth	1.529	-0.1	-0.1	0.0	0.0	0.1	0.2	0.2	0.2	0.3	0.3	0.1	0.0	0.0	-0.1	
	Wadsworth	Kipling	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Total		13.540	0.5	1.8	6.2	22.8	32.4	50.9	53.1	51.4	48.4	23.8	12.9	9.9	12.6	4.0	



**Table 2b  
Eastbound Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>EB C-470 - Managed Lane</b>	Kipling	Wadsworth	1.454	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.4	1.5	1.5	1.5	1.4	1.4	1.4
	Wadsworth	Platte Canyon	1.530	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.5	1.4
	Platte Canyon	Santa Fe	1.569	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4
	Santa Fe	Lucent	1.403	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Lucent	Broadway	1.204	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	Broadway	University	1.473	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	University	Colorado	1.026	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Colorado	Quebec	2.068	1.9	1.9	1.9	1.9	2.0	2.0	2.0	1.9	1.9	1.9	2.0	2.0	1.9	1.9
	Quebec	Yosemite	1.388	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>13.1</b>	<b>13.0</b>	<b>13.0</b>	<b>13.1</b>	<b>13.3</b>	<b>13.3</b>	<b>13.2</b>	<b>13.1</b>	<b>13.2</b>	<b>13.3</b>	<b>13.4</b>	<b>13.2</b>	<b>13.0</b>	<b>12.7</b>
<b>EB C-470 - General Purpose Lanes</b>	Kipling	Wadsworth	1.454	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.4	1.5	1.5	1.5	1.4	1.4	1.4
	Wadsworth	Platte Canyon	1.530	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.5	1.4
	Platte Canyon	Santa Fe	1.569	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5
	Santa Fe	Lucent	1.403	1.4	1.4	1.5	1.5	1.6	1.6	1.5	1.5	1.5	1.5	1.6	1.5	1.4	1.4
	Lucent	Broadway	1.204	1.2	1.2	1.2	1.2	1.3	1.3	1.2	1.2	1.2	1.2	1.3	1.3	1.2	1.2
	Broadway	University	1.473	1.5	1.5	1.5	1.5	1.7	1.8	1.6	1.5	1.5	1.5	1.9	1.7	1.5	1.4
	University	Colorado	1.026	1.1	1.1	1.1	1.1	1.1	1.3	1.1	1.0	1.0	1.0	1.2	1.3	1.0	1.0
	Colorado	Quebec	2.068	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.1	2.2	2.2	2.1	2.0
	Quebec	Yosemite	1.388	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.4	1.4	1.4	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>13.8</b>	<b>13.8</b>	<b>13.8</b>	<b>13.9</b>	<b>14.5</b>	<b>14.8</b>	<b>14.2</b>	<b>13.9</b>	<b>13.9</b>	<b>14.0</b>	<b>14.8</b>	<b>14.6</b>	<b>13.6</b>	<b>13.1</b>
<b>EB C-470 - Travel Time Saving</b>	Kipling	Wadsworth	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Wadsworth	Platte Canyon	1.530	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Platte Canyon	Santa Fe	1.569	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	Santa Fe	Lucent	1.403	0.1	0.1	0.2	0.2	0.3	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.1	0.1
	Lucent	Broadway	1.204	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1
	Broadway	University	1.473	0.1	0.1	0.1	0.1	0.3	0.4	0.2	0.1	0.1	0.1	0.5	0.3	0.1	0.0
	University	Colorado	1.026	0.1	0.1	0.1	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.2	0.3	0.1	0.0
	Colorado	Quebec	2.068	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.1
	Quebec	Yosemite	1.388	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.0
	Yosemite	I-25	0.635	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>Total</b>		<b>13.749</b>	<b>0.7</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>1.2</b>	<b>1.5</b>	<b>1.0</b>	<b>0.8</b>	<b>0.7</b>	<b>0.7</b>	<b>1.4</b>	<b>1.4</b>	<b>0.6</b>	<b>0.4</b>

**Table 2c**  
**I-25 Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>NB I-25</b>	Lincoln	C-470	1.323	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2
	C-470	Countyline	0.761	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
	Total		2.084	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
<b>SB I-25</b>	Countyline	C-470	0.761	0.8	0.8	0.8	0.8	1.0	1.1	1.0	1.1	1.0	0.9	1.0	0.8	0.9	0.8
	C-470	Lincoln	1.323	1.3	1.3	1.3	1.3	1.4	1.5	1.6	1.9	1.6	1.6	1.7	1.5	1.4	1.3
	Total		2.084	2.1	2.1	2.1	2.2	2.5	2.5	2.6	3.1	2.5	2.5	2.7	2.3	2.3	2.1

**Table 2d**  
**NB/SB I-25 Ramp to C-470 WB Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>NB I-25 - General Purpose</b>	Lincoln	Yosemite	1.963	2.3	2.3	2.5	3.9	6.5	13.4	17.3	10.9	4.8	2.7	2.7	2.6	2.5	2.3
	Yosemite	Quebec	1.402	1.5	1.9	5.0	9.3	10.9	12.0	12.9	12.8	10.3	4.2	4.2	5.9	7.3	2.3
	Total		3.365	3.8	4.2	7.5	13.1	17.4	25.3	30.2	23.8	15.1	6.9	6.9	8.5	9.8	4.6
<b>NB I-25 - Managed Lane</b>	Lincoln	Yosemite	1.967	2.2	2.3	2.4	2.5	3.7	10.5	12.3	6.3	2.5	2.3	2.3	2.3	2.3	2.2
	Yosemite	Quebec	1.398	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	Total		3.364	3.8	3.8	3.9	4.1	5.3	12.1	13.9	7.9	4.1	3.9	3.9	3.9	3.8	3.8
<b>SB I-25 - General Purpose</b>	Countyline	Yosemite	1.142	1.2	1.3	1.4	3.3	6.6	10.6	10.1	7.6	4.3	1.8	1.9	1.6	1.7	1.3
	Yosemite	Quebec	1.402	1.5	1.9	5.0	9.3	10.9	12.0	12.9	12.8	10.3	4.2	4.2	5.9	7.3	2.3
	Total		2.544	2.7	3.2	6.5	12.6	17.6	22.6	23.0	20.4	14.7	6.0	6.1	7.5	8.9	3.6
<b>SB I-25 - Managed Lane</b>	Countyline	Yosemite	1.187	1.3	1.3	1.3	1.3	1.5	1.5	1.4	1.4	1.4	1.4	1.5	1.3	1.4	1.3
	Yosemite	Quebec	1.398	1.5	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.4	1.5	1.5
	Total		2.585	2.8	2.8	2.8	2.8	3.0	3.0	3.0	3.0	2.9	2.8	2.9	2.8	2.9	2.8





Table 5a  
Westbound Managed Lane Speed

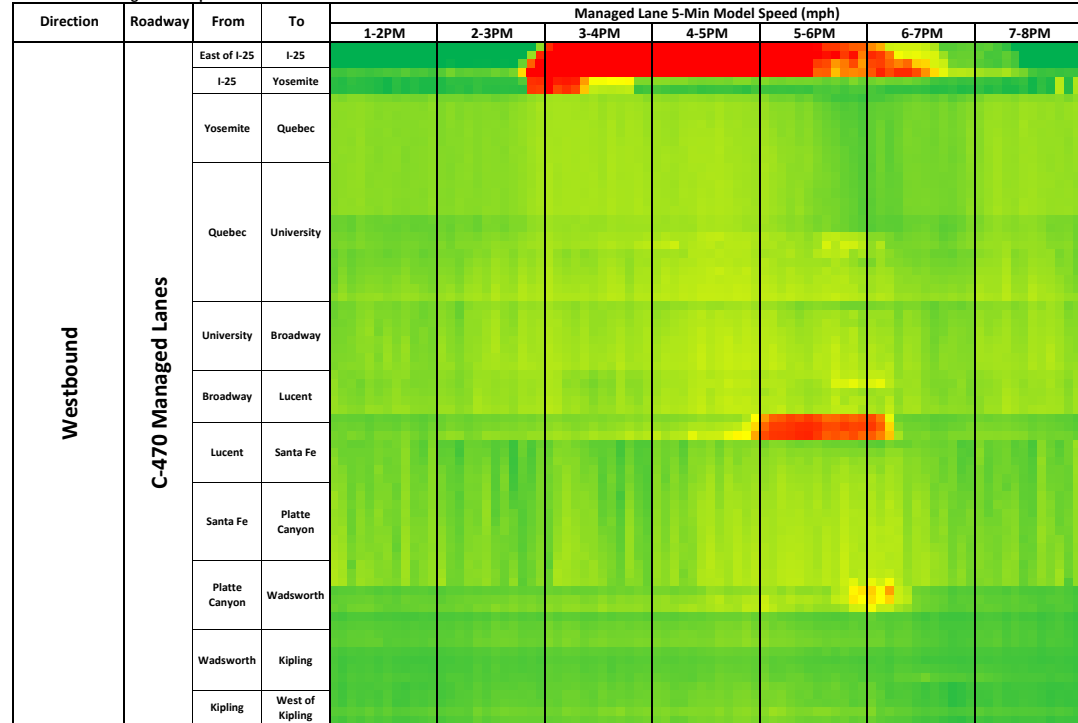


Table 5b  
Westbound General Purpose Lane Speed

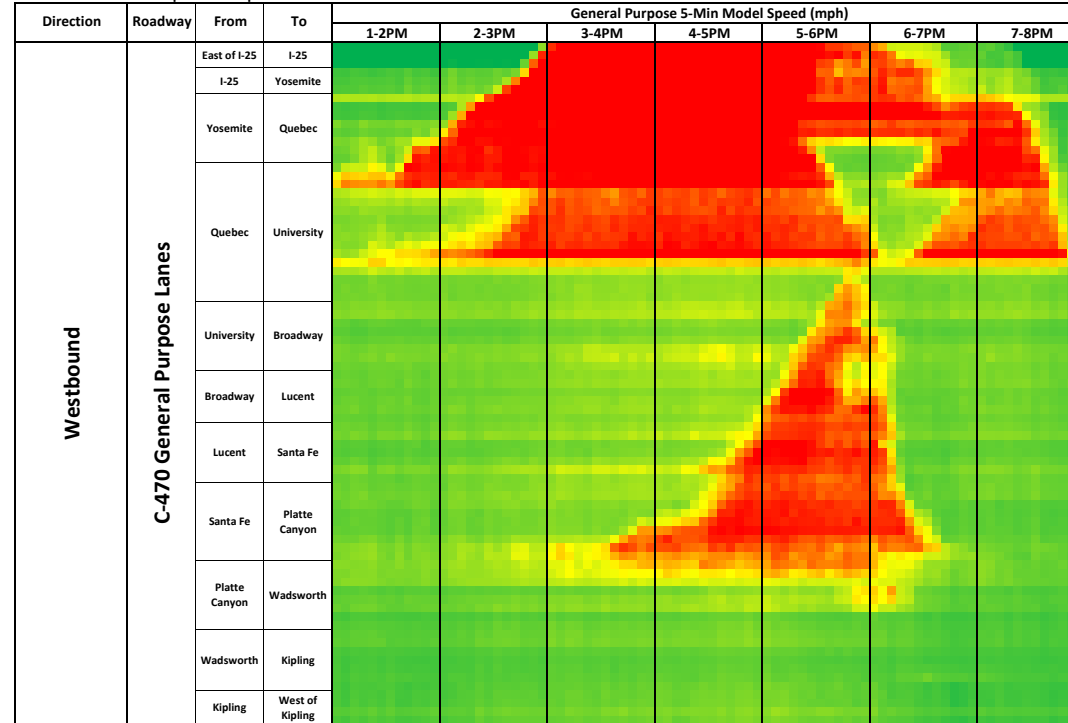


Table 5c  
Eastbound Managed Lane Speed

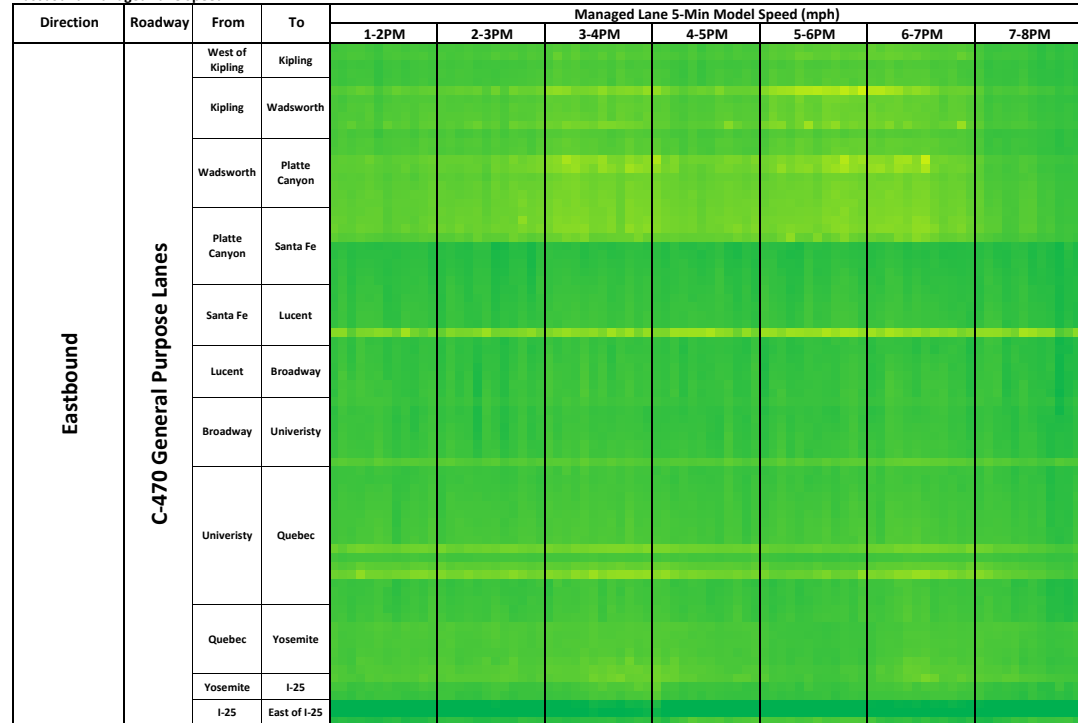


Table 5d  
Eastbound General Purpose Lane Speed

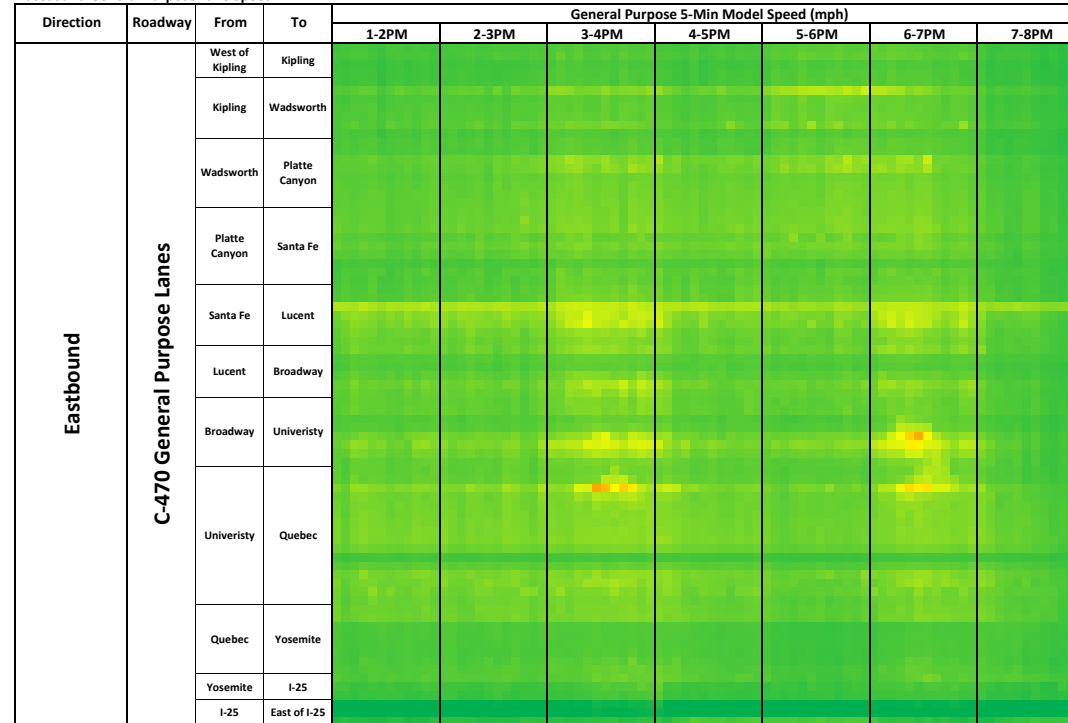


Table 5e  
NB I-25 Speed

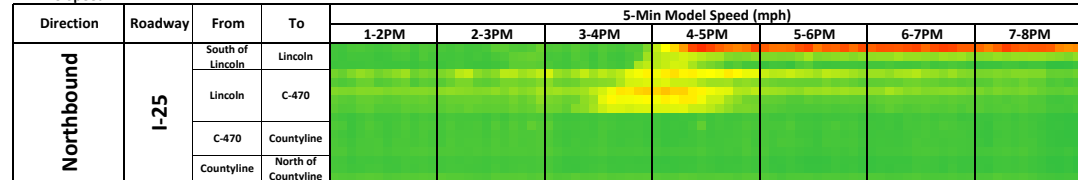


Table 5f  
SB I-25 Speed

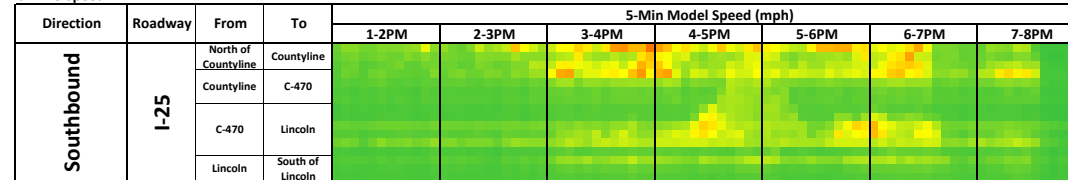


Table 6a  
Westbound Managed Lane Volume

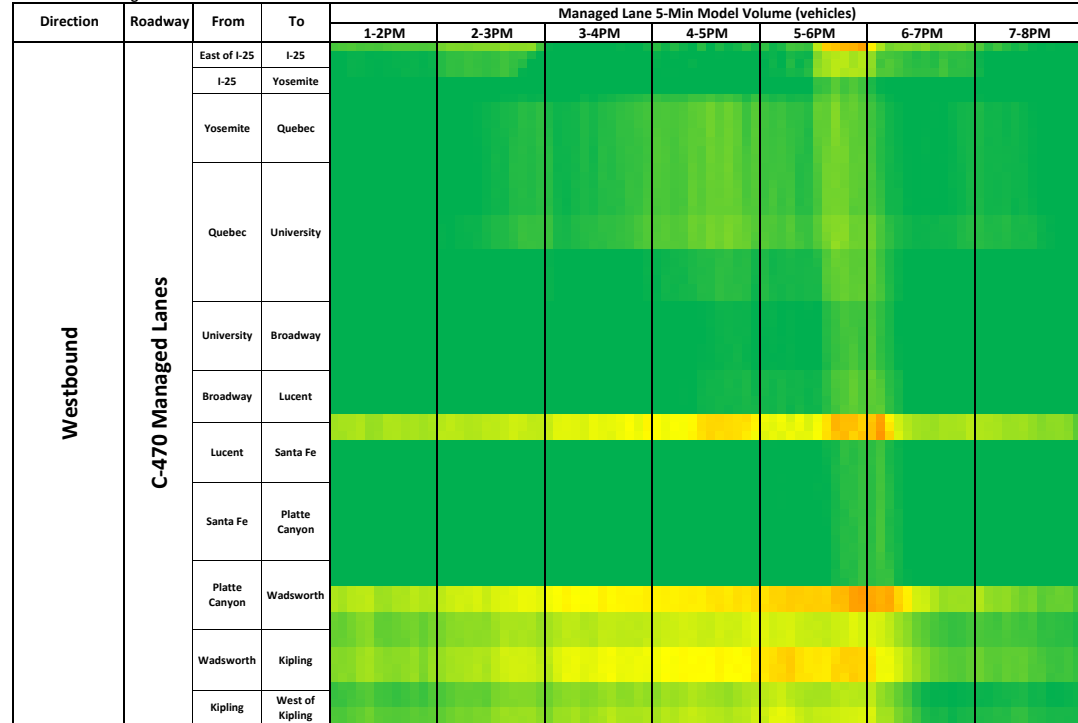


Table 6b  
Westbound General Purpose Lane Volume

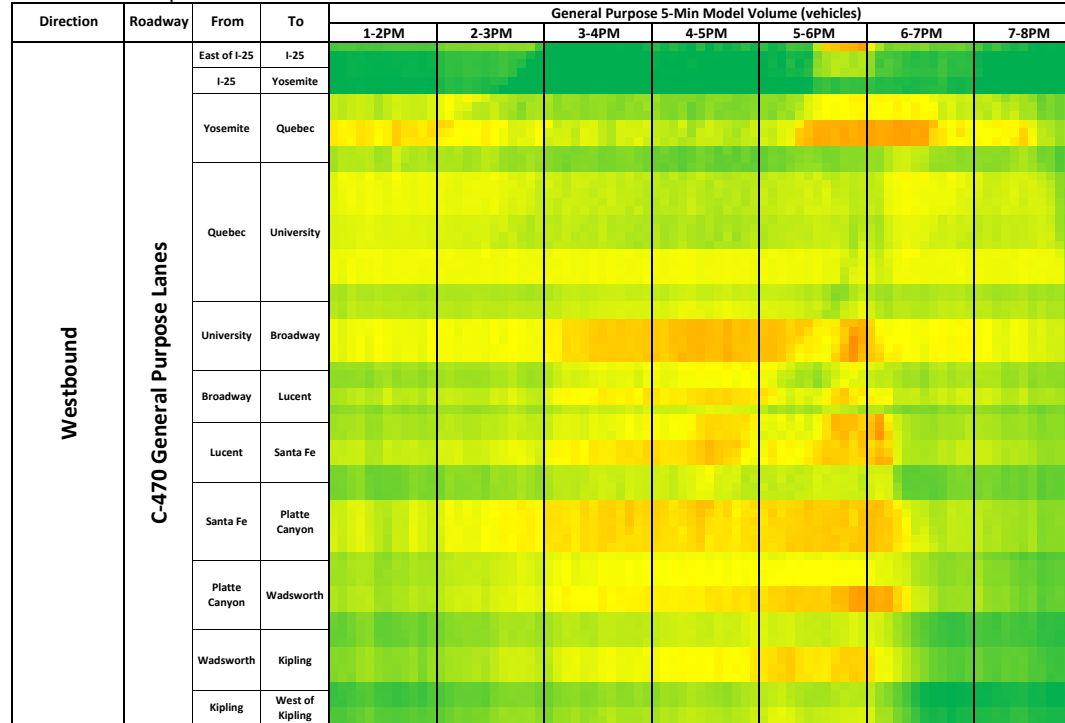


Table 6c  
Eastbound Managed Lane Volume

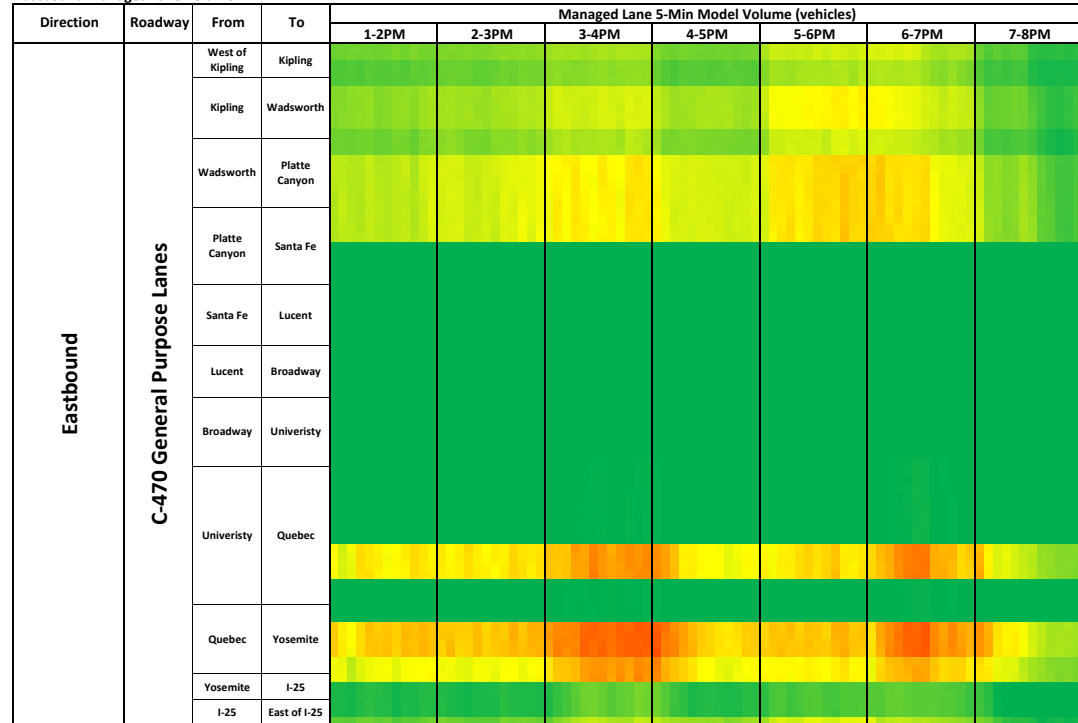


Table 6d  
Eastbound General Purpose Lane Volume

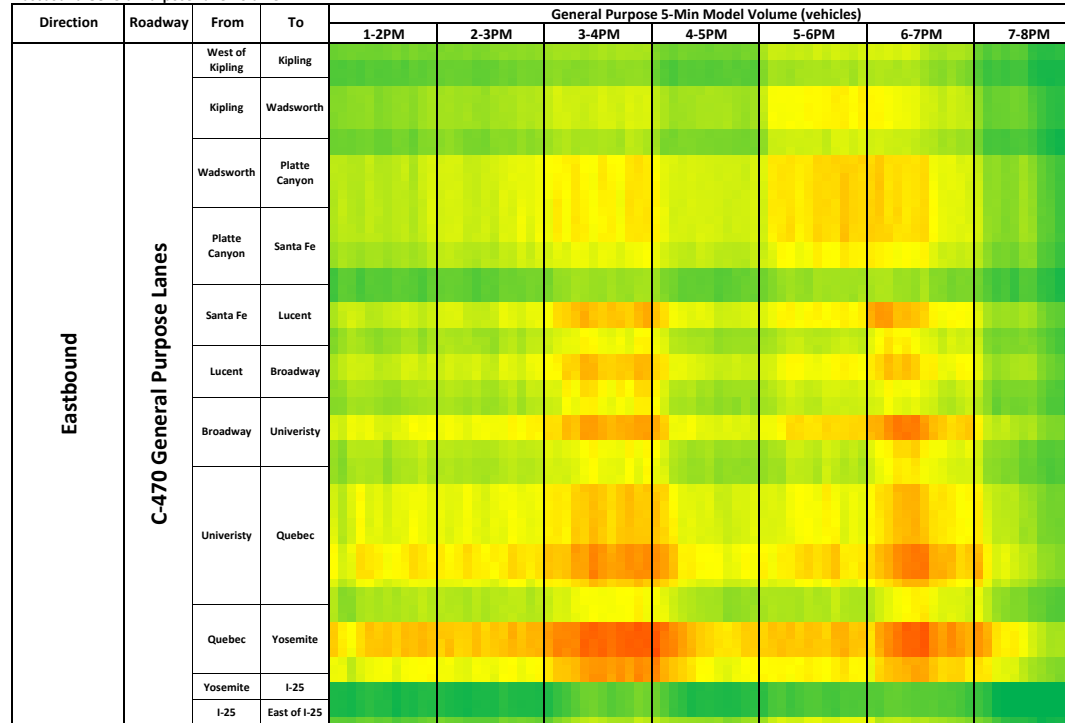


Table 6e  
NB I-25 Volume

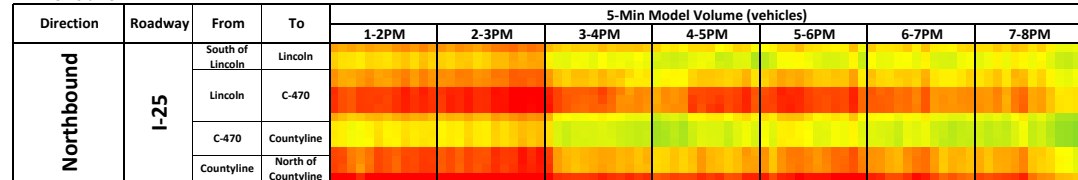
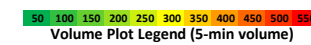
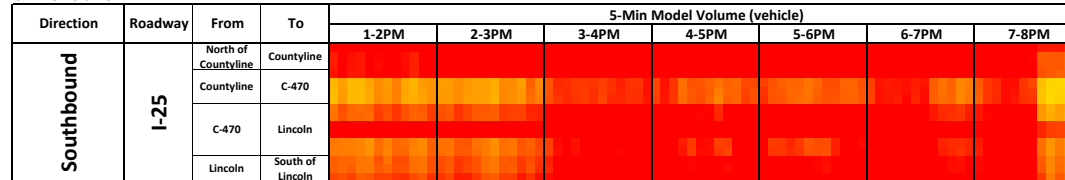


Table 6f  
SB I-25 Volume



## **Appendix G-5**

### **Option C Interim HOV 3+ Exempt 2035 AM**

**Table 1**  
**Network Summary**

Run#	Total VMT (veh-mi)	Total VHT (veh-hr)	Avg Spd (mph)	Avg Delay (s)	Latent Demand	Total Revenue (2013\$)
run1	1,716,210	59,861	28.67	260	15,116	\$35,198
run2	1,723,827	56,889	30.30	232	13,785	\$30,782
run3	1,724,293	59,242	29.11	253	14,821	\$34,107
run4	1,623,885	79,563	20.41	471	30,991	\$38,365
run5	1,685,844	68,543	24.60	349	21,675	\$39,444
run6						
run7						
run8						
run9						
run10						
Average	1,694,812	64,819	26.62	313	19,278	\$35,579

Revenue and Transaction by User Class

	Transponder	License Plate	Total
Revenue	\$24,279.60	\$11,299.70	\$35,579.30
Transaction	11,252	3,876	15,128
Avg Toll	\$2.16	\$2.92	\$2.35

Minimum Number of Runs Needed:

	Mean	Speed (mph)	Revenue (\$)
		26.62	35,579
Standard Deviation		4.08	3465
Target Error %	1.0%	903	365
	2.5%	145	59
	3.5%	74	30
	5.0%	37	15
	10.0%	10	4



**Table 2a**  
**Westbound Travel Time**

Direction	From	To	Distance (mi)	Model Travel Time (mins)													
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00
<b>WB C-470 - Managed Lane</b>	I-25	Yosemite	0.622	0.6	1.0	1.2	1.2	1.4	1.5	1.5	0.9	0.6	0.6	0.6	0.6	0.6	0.6
	Yosemite	Quebec	1.401	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	Quebec	Colorado	2.063	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	Colorado	University	1.030	1.0	1.1	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.1	1.0	1.1	1.1	1.1
	University	Broadway	1.489	1.5	1.6	1.6	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.5	1.5	1.5	1.6
	Broadway	Lucent	1.181	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.2	1.3	1.2	1.3
	Lucent	Santa Fe	1.403	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.4	1.4	1.5	1.4
	Santa Fe	Platte Canyon	1.581	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7
	Platte Canyon	Wadsworth	1.529	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	Wadsworth	Kipling	1.454	1.4	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	<b>Total</b>		<b>13.754</b>	<b>13.7</b>	<b>14.7</b>	<b>14.8</b>	<b>14.4</b>	<b>14.7</b>	<b>14.6</b>	<b>14.8</b>	<b>14.7</b>	<b>14.4</b>	<b>14.2</b>	<b>14.0</b>	<b>14.2</b>	<b>14.3</b>	<b>14.2</b>
<b>WB C-470 - General Purpose Lanes</b>	I-25	Yosemite	0.622	0.6	1.2	2.0	1.1	1.1	1.3	1.4	1.7	0.7	0.7	0.6	0.6	0.6	0.6
	Yosemite	Quebec	1.401	1.4	2.8	5.9	3.2	2.5	1.6	2.9	2.1	1.4	1.4	1.4	1.4	1.4	1.4
	Quebec	Colorado	2.063	2.1	3.1	4.9	6.3	5.9	3.5	2.2	3.0	2.4	2.3	2.1	2.2	2.2	2.2
	Colorado	University	1.030	1.1	1.2	1.3	1.3	1.3	1.3	1.1	1.2	1.5	1.2	1.1	1.1	1.1	1.1
	University	Broadway	1.489	1.5	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6
	Broadway	Lucent	1.181	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	Lucent	Santa Fe	1.403	1.4	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	Santa Fe	Platte Canyon	1.581	1.5	1.6	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.6	1.6	1.6
	Platte Canyon	Wadsworth	1.529	1.5	1.7	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Wadsworth	Kipling	1.454	1.4	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	<b>Total</b>		<b>13.540</b>	<b>13.7</b>	<b>17.5</b>	<b>23.3</b>	<b>20.9</b>	<b>19.5</b>	<b>16.4</b>	<b>16.2</b>	<b>16.6</b>	<b>14.4</b>	<b>14.1</b>	<b>13.6</b>	<b>14.1</b>	<b>14.1</b>	<b>14.0</b>
<b>WB C-470 - Travel Time Saving</b>	I-25	Yosemite	0.622	0.0	0.2	0.8	-0.1	-0.2	-0.2	-0.1	0.8	0.1	0.1	0.0	0.1	0.1	0.1
	Yosemite	Quebec	1.401	0.0	1.4	4.6	1.9	1.1	0.3	1.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0
	Quebec	Colorado	2.063	0.0	1.0	2.8	4.3	3.8	1.5	0.0	0.8	0.2	0.2	-0.1	0.0	0.0	0.0
	Colorado	University	1.030	0.0	0.1	0.3	0.3	0.2	0.2	0.1	0.2	0.4	0.2	0.0	0.1	0.1	0.1
	University	Broadway	1.489	0.0	0.1	0.1	0.1	0.0	0.1	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0
	Broadway	Lucent	1.181	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	0.0	-0.1
	Lucent	Platte Canyon	1.403	0.0	0.1	0.1	0.1	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	0.0	-0.1	0.0
	Platte Canyon	Santa Fe	1.581	-0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.2	-0.1	-0.1	-0.1	-0.1	-0.1
	Santa Fe	Wadsworth	1.529	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
	Wadsworth	Kipling	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>Total</b>		<b>13.540</b>	<b>-0.1</b>	<b>2.8</b>	<b>8.5</b>	<b>6.5</b>	<b>4.8</b>	<b>1.8</b>	<b>1.3</b>	<b>1.9</b>	<b>0.1</b>	<b>-0.1</b>	<b>-0.5</b>	<b>-0.1</b>	<b>-0.1</b>	<b>-0.2</b>

**Table 2b**  
**Eastbound Travel Time**

Direction	From	To	Distance (mi)	Model Travel Time (mins)														
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00	
EB C-470 - Managed Lane	Kipling	Wadsworth	1.454	1.4	3.7	6.8	6.9	7.1	6.9	7.5	7.6	8.7	11.6	6.6	13.2	9.1	3.9	
	Wadsworth	Platte Canyon	1.530	1.6	2.8	3.4	3.4	3.3	3.3	3.6	3.5	10.2	7.4	8.2	12.0	4.0	2.4	
	Platte Canyon	Santa Fe	1.569	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.7	3.9	4.0	9.6	7.4	2.2	1.6	
	Santa Fe	Lucent	1.403	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.5	5.3	9.7	4.1	1.5	1.3	
	Lucent	Broadway	1.204	1.1	1.1	1.2	1.2	1.1	1.1	1.1	1.2	1.5	8.2	6.9	1.5	1.1	1.1	
	Broadway	University	1.473	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	4.4	10.8	5.4	2.1	1.6	1.4
	University	Colorado	1.026	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	6.0	6.8	2.4	1.3	1.2	1.0
	Colorado	Quebec	2.068	2.0	2.0	2.0	2.0	2.0	2.0	2.0	15.3	9.2	14.8	12.5	3.7	2.1	2.0	2.0
	Quebec	Yosemite	1.388	1.3	1.4	1.4	1.4	1.3	4.8	17.6	10.5	16.8	8.4	3.6	2.2	1.3	1.3	
	Yosemite	I-25	0.635	0.6	0.6	0.7	0.7	0.6	1.2	1.8	1.7	2.1	1.0	0.9	0.7	0.6	0.6	
	Total		13.749	13.2	16.9	20.7	20.7	20.8	24.8	52.2	39.4	69.8	75.7	56.9	46.7	24.7	16.7	
EB C-470 - General Purpose Lanes	Kipling	Wadsworth	1.454	1.4	3.7	6.8	6.9	7.1	6.9	7.5	7.6	8.7	11.6	6.6	13.2	9.1	3.9	
	Wadsworth	Platte Canyon	1.530	1.6	2.8	3.4	3.4	3.3	3.3	3.6	3.5	10.2	7.4	8.2	12.0	4.0	2.4	
	Platte Canyon	Santa Fe	1.569	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	3.7	17.3	20.3	23.1	15.1	3.2	1.6
	Santa Fe	Lucent	1.403	1.5	1.7	2.4	1.6	1.5	1.5	2.0	22.2	25.1	34.4	32.0	18.5	5.8	1.5	
	Lucent	Broadway	1.204	1.3	2.5	3.8	2.2	1.7	1.4	2.9	21.6	15.4	21.2	15.8	5.9	1.4	1.3	
	Broadway	University	1.473	1.5	2.0	3.1	2.8	2.6	2.0	5.3	20.6	18.0	19.9	14.2	3.3	1.6	1.6	
	University	Colorado	1.026	1.0	1.1	1.8	2.1	2.0	1.8	7.9	10.7	15.7	13.3	6.3	1.2	1.1	1.1	
	Colorado	Quebec	2.068	2.1	2.2	2.2	2.1	2.1	2.5	22.8	18.2	27.8	16.1	4.9	2.2	2.2	2.1	
	Quebec	Yosemite	1.388	1.4	1.4	1.4	1.4	1.4	4.6	22.1	16.4	25.8	11.5	4.1	2.1	1.4	1.4	
	Yosemite	I-25	0.635	0.6	0.6	0.7	0.7	0.6	1.2	1.8	1.7	2.1	1.0	0.9	0.7	0.6	0.6	
	Total		13.749	14.0	19.8	27.1	24.7	23.9	26.9	77.4	126.1	166.2	156.7	116.1	74.3	30.5	17.4	
EB C-470 - Travel Time Saving	Kipling	Wadsworth	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Wadsworth	Platte Canyon	1.530	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Platte Canyon	Santa Fe	1.569	0.1	0.1	0.1	0.1	0.1	0.1	0.1	2.0	13.4	16.3	13.5	7.6	1.1	0.0	
	Santa Fe	Lucent	1.403	0.2	0.4	1.0	0.2	0.2	0.2	0.6	20.8	23.6	29.2	22.4	14.4	4.4	0.2	
	Lucent	Broadway	1.204	0.1	1.4	2.7	1.0	0.5	0.2	1.8	20.4	13.9	13.1	8.9	4.4	0.3	0.1	
	Broadway	University	1.473	0.1	0.6	1.6	1.4	1.2	0.5	3.9	19.0	13.7	9.2	8.7	1.3	0.0	0.1	
	University	Colorado	1.026	0.1	0.1	0.8	1.1	1.0	0.8	6.9	9.6	9.7	6.5	3.9	-0.1	-0.1	0.0	
	Colorado	Quebec	2.068	0.1	0.2	0.2	0.1	0.1	0.5	7.5	9.0	13.0	3.6	1.2	0.1	0.2	0.1	
	Quebec	Yosemite	1.388	0.1	0.1	0.1	0.0	0.0	-0.2	4.5	5.9	9.0	3.1	0.5	-0.1	0.1	0.0	
	Yosemite	I-25	0.635	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Total		13.749	0.8	2.9	6.4	3.9	3.1	2.1	25.3	86.7	96.4	81.0	59.1	27.7	5.8	0.7	

**Table 2c**  
**I-25 Travel Time**

Direction	From	To	Distance (mi)	Model Travel Time (mins)													
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00
NB I-25	Lincoln	C-470	1.323	1.2	1.3	1.3	2.3	2.9	2.9	2.5	2.2	1.4	1.3	1.3	1.3	1.3	1.3
	C-470	Countyline	0.761	0.7	0.7	0.7	0.8	0.8	0.7	0.8	0.8	0.7	0.7	0.7	0.7	0.7	
	Total		2.084	1.9	2.0	2.1	3.1	3.7	3.6	3.2	3.0	2.2	2.0	2.0	2.0	2.0	
SB I-25	Countyline	C-470	0.761	0.7	0.8	0.7	0.8	0.8	1.8	1.1	0.7	1.2	0.8	0.7	0.8	0.8	
	C-470	Lincoln	1.323	1.2	1.3	1.3	1.4	2.6	5.5	2.7	3.4	2.4	1.4	1.3	1.3	1.3	
	Total		2.084	1.9	2.1	2.0	2.2	3.4	7.3	3.9	4.1	3.6	2.1	2.0	2.1	2.1	

**Table 2d**  
**NB/SB I-25 Ramp to C-470 WB Travel Time**

Direction	From	To	Distance (mi)	Model Travel Time (mins)													
				6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	8:00-8:30	8:30-9:00	9:00-9:30	9:30-10:00	10:00-10:30	10:30-11:00	11:00-11:30	11:30-12:00	12:00-12:30	12:30-13:00
NB I-25 - General Purpose	Lincoln	Yosemite	1.963	2.2	2.4	2.5	3.8	5.4	5.3	5.4	5.5	2.7	2.3	2.2	2.3	2.3	
	Yosemite	Quebec	1.402	1.4	2.8	5.9	3.2	2.5	1.6	2.9	2.1	1.4	1.4	1.4	1.4	1.4	
	Total		3.365	3.5	5.2	8.4	7.0	7.9	7.0	8.3	7.7	4.1	3.7	3.6	3.7	3.7	
NB I-25 - Managed Lane	Lincoln	Yosemite	1.967	2.2	2.3	2.3	3.8	5.4	5.3	4.9	5.5	2.7	2.2	2.2	2.2	2.3	
	Yosemite	Quebec	1.398	1.6	1.6	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	
	Total		3.364	3.7	3.9	3.8	5.4	7.0	6.8	6.5	7.0	4.3	3.8	3.7	3.8	3.8	
SB I-25 - General Purpose	Countyline	Yosemite	1.142	1.2	1.3	1.5	1.3	1.2	1.3	1.6	2.0	1.3	1.2	1.2	1.3	1.3	
	Yosemite	Quebec	1.402	1.4	2.8	5.9	3.2	2.5	1.6	2.9	2.1	1.4	1.4	1.4	1.4	1.4	
	Total		2.544	2.6	4.1	7.4	4.5	3.7	2.9	4.5	4.1	2.7	2.6	2.6	2.7	2.7	
SB I-25 - Managed Lane	Countyline	Yosemite	1.187	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
	Yosemite	Quebec	1.398	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	
	Total		2.585	2.7	2.7	2.7	2.7	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.7	





Table 5a  
Westbound Managed Lane Speed

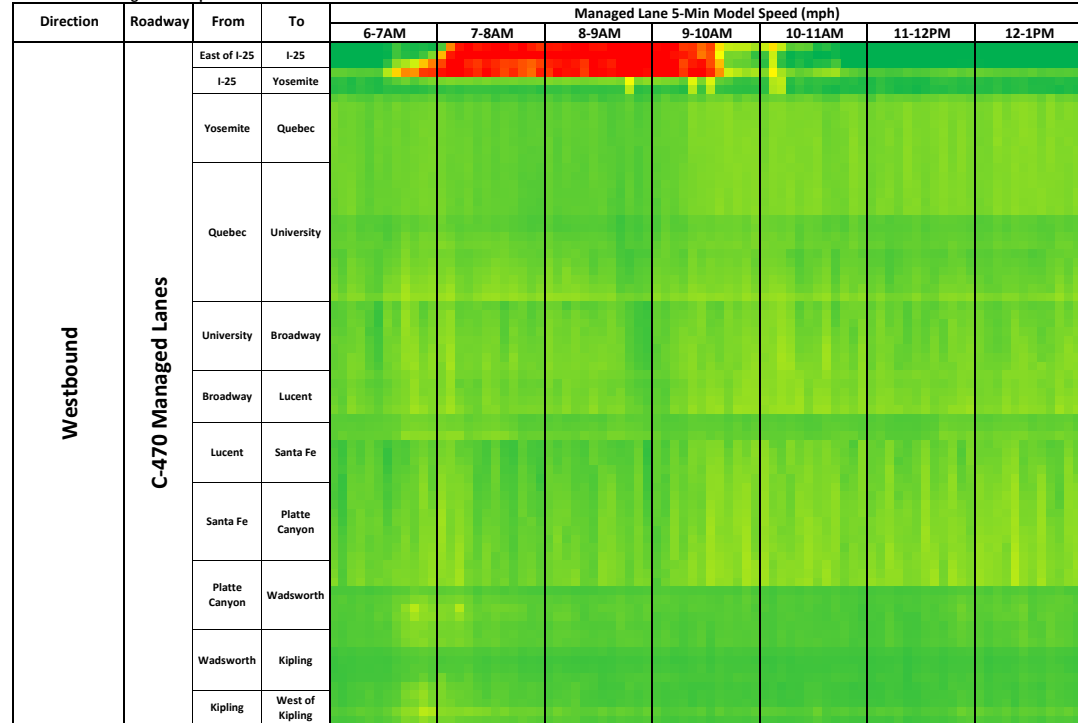


Table 5b  
Westbound General Purpose Lane Speed

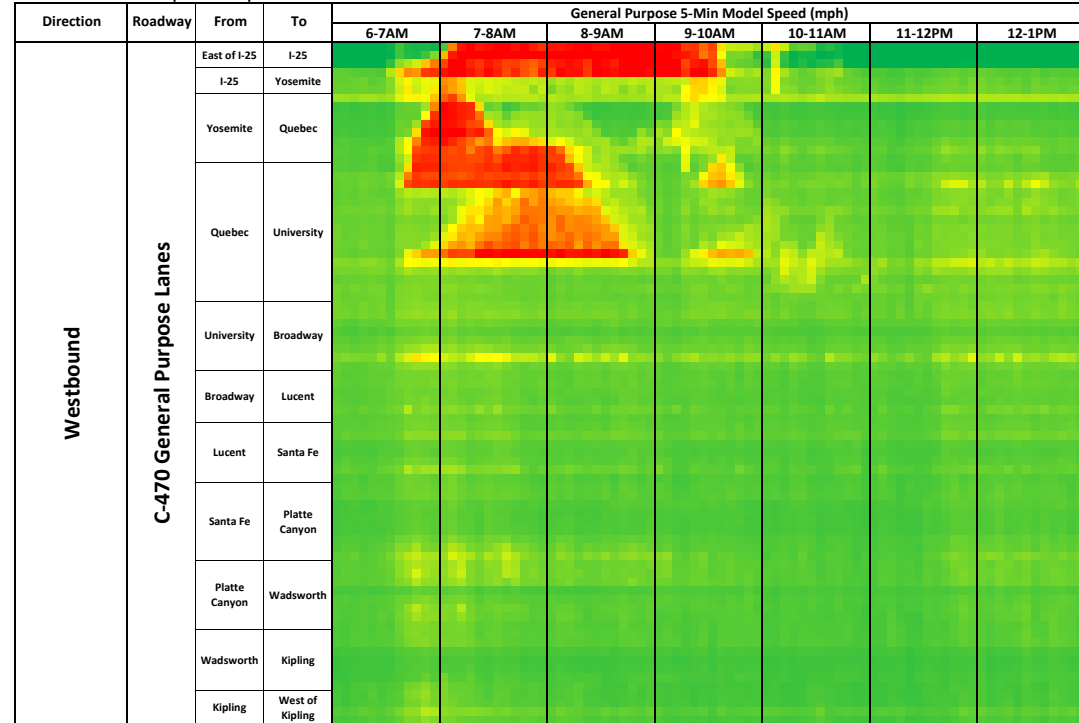


Table 5c  
Eastbound Managed Lane Speed

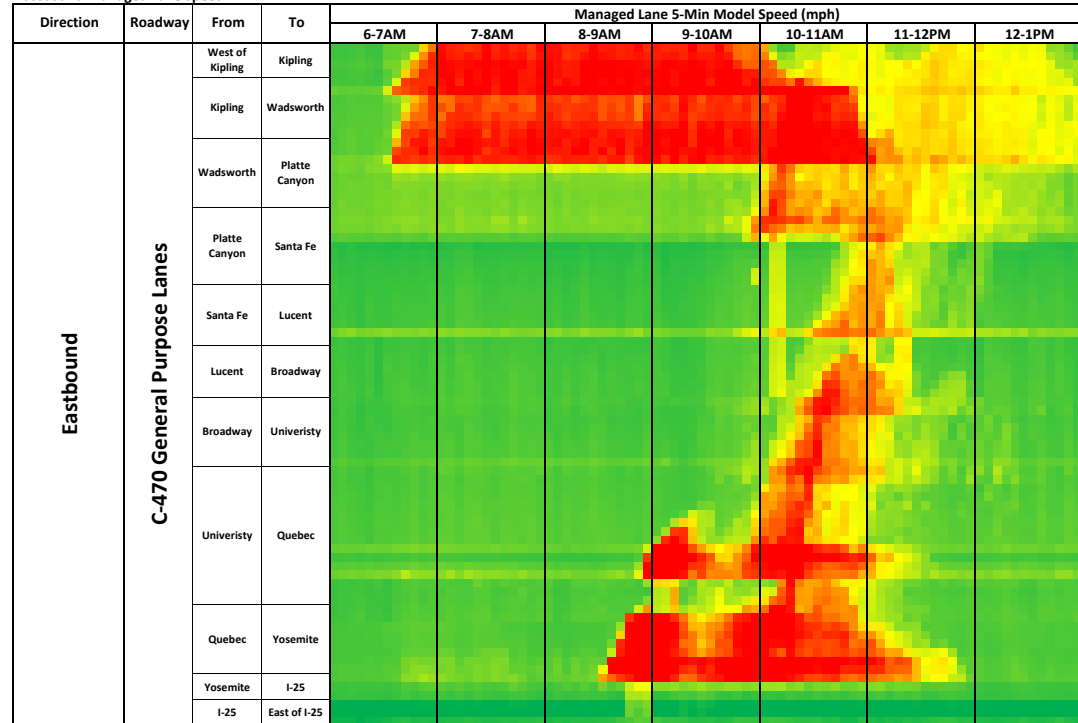


Table 5d  
Eastbound General Purpose Lane Speed

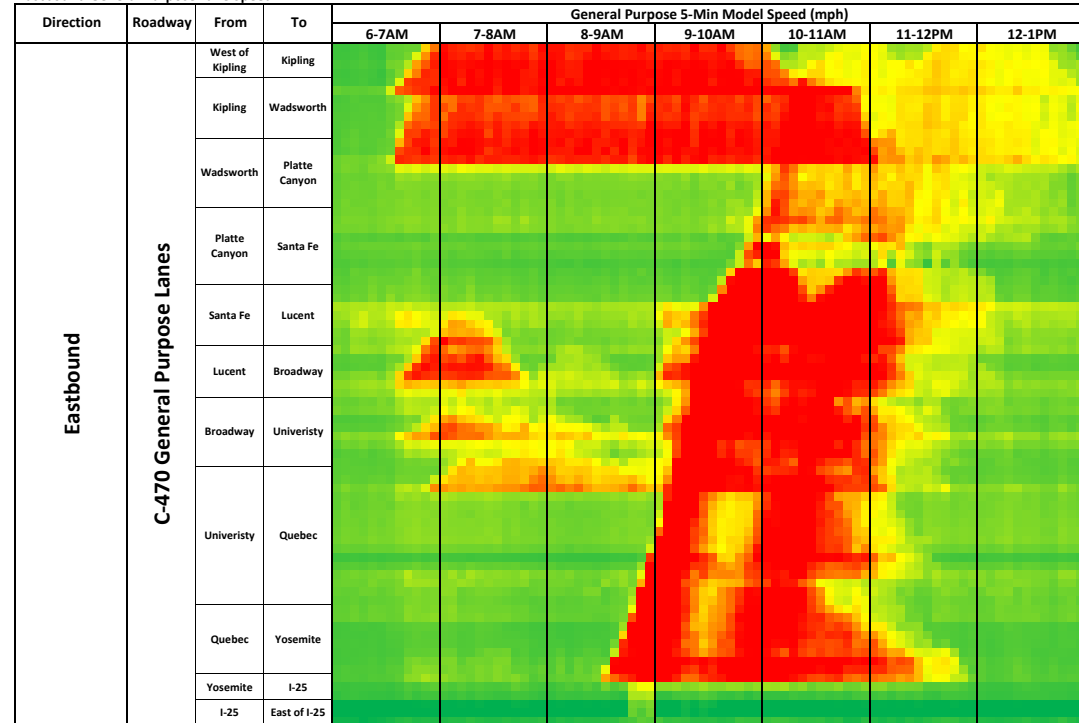


Table 5e  
NB I-25 Speed

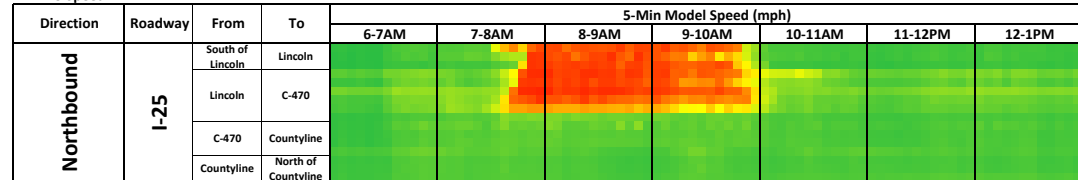


Table 5f  
SB I-25 Speed

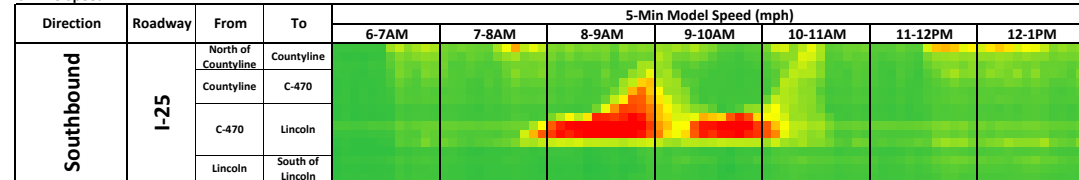


Table 6a  
Westbound Managed Lane Volume

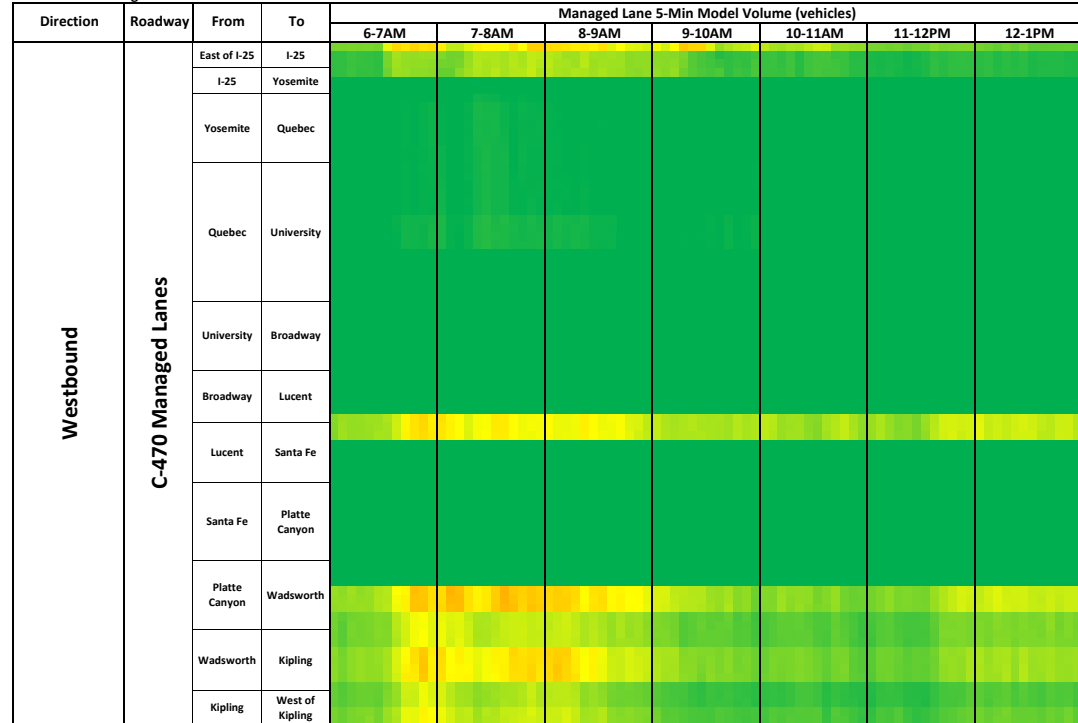


Table 6b  
Westbound General Purpose Lane Volume

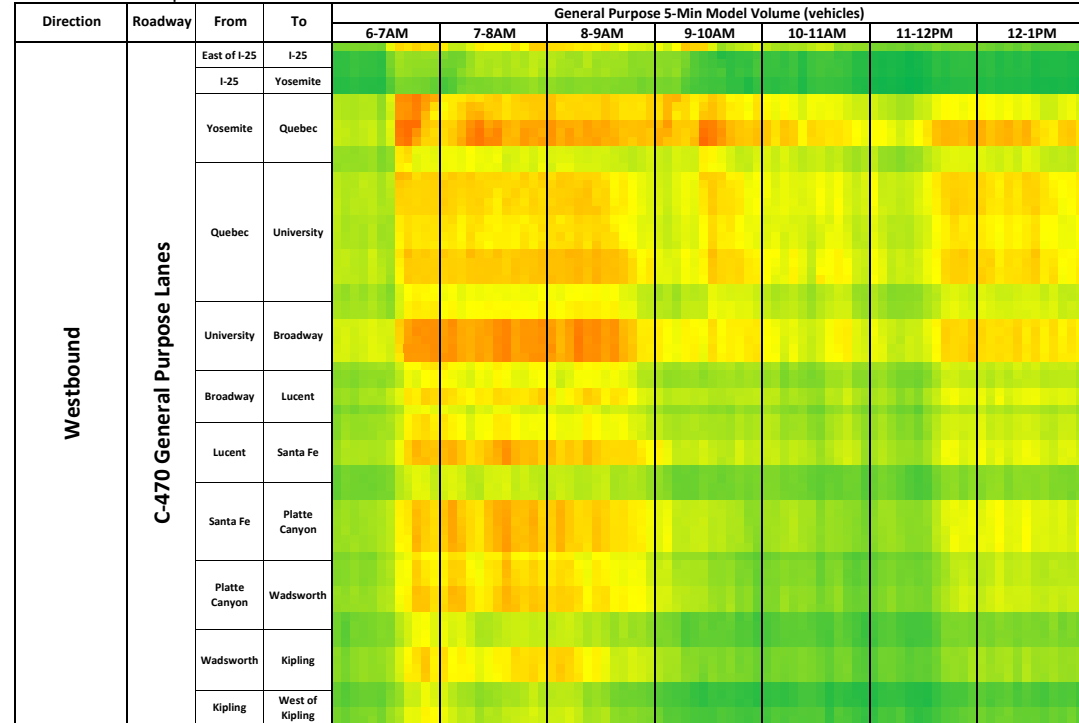


Table 6c  
Eastbound Managed Lane Volume

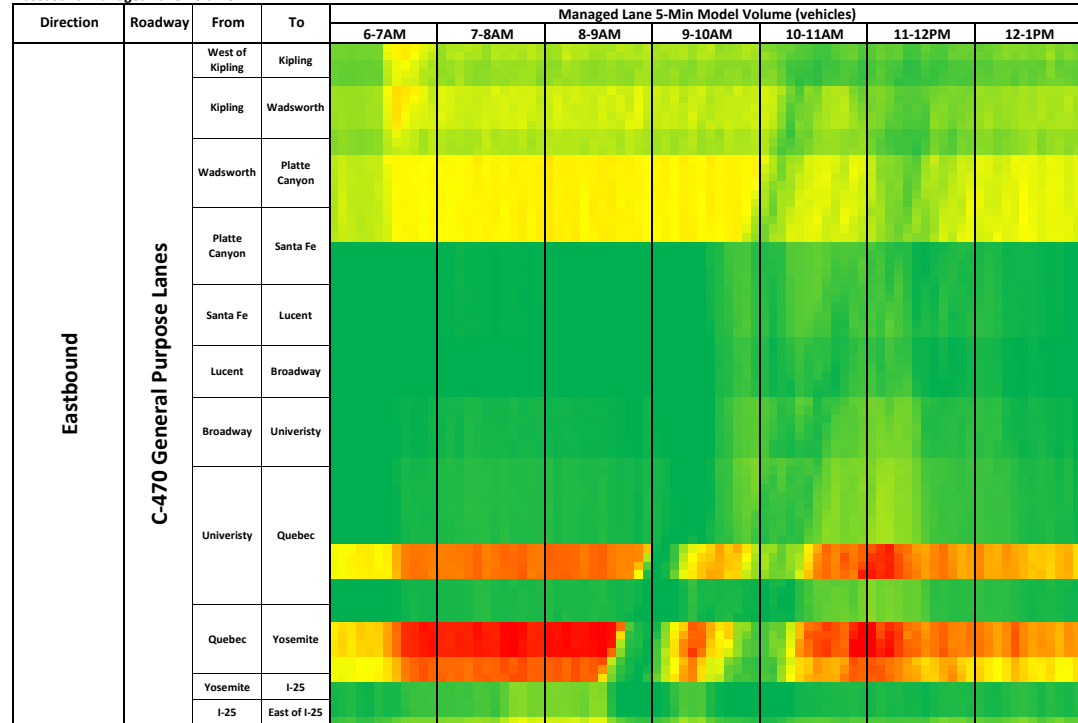


Table 6d  
Eastbound General Purpose Lane Volume

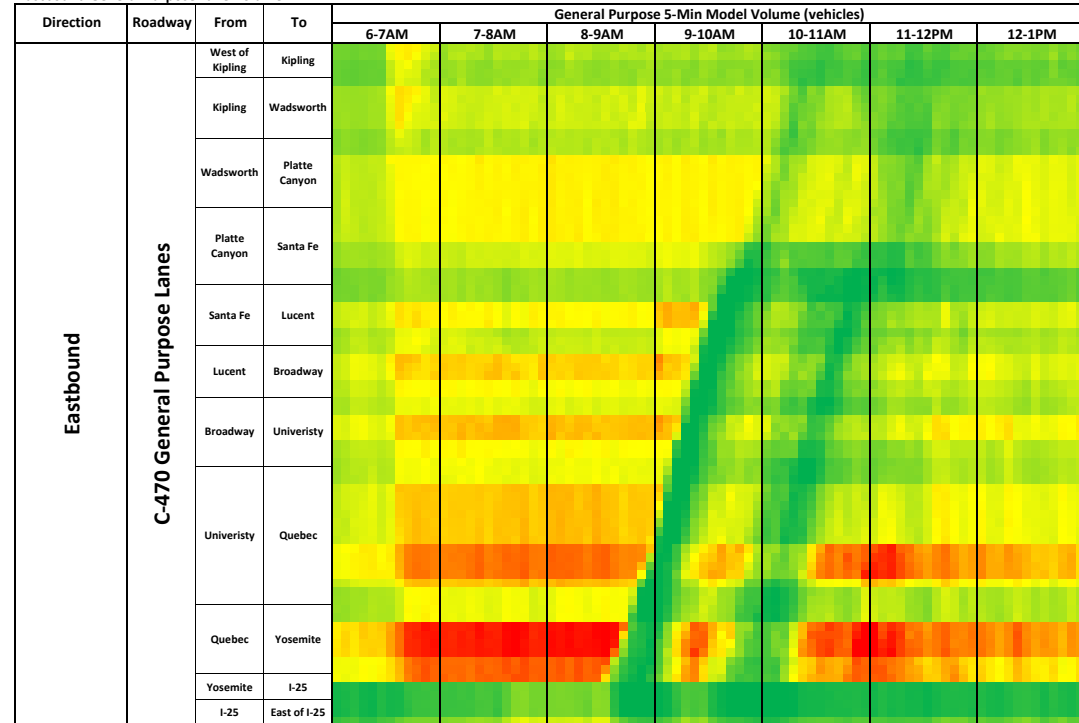


Table 6e  
NB I-25 Volume

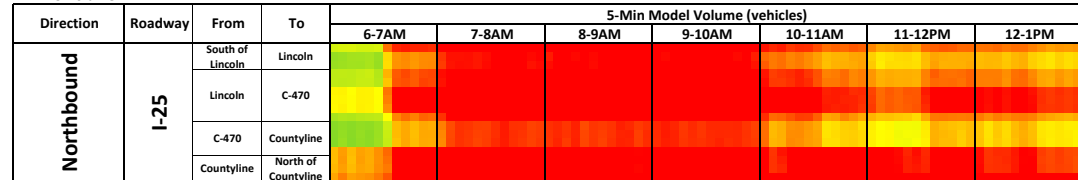
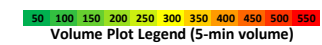
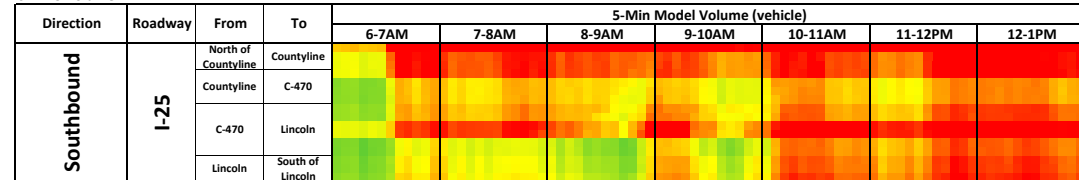


Table 6f  
SB I-25 Volume



## **Appendix G-6**

### **Option C Interim HOV 3+ Exempt 2035 PM**



**Table 1**  
**Network Summary**

Run#	Total VMT (veh-mi)	Total VHT (veh-hr)	Avg Spd (mph)	Avg Delay (s)	Latent Demand	Total Revenue (2013\$)
run1	1,828,773	57,969	31.55	195	19,288	\$60,787
run2	1,814,694	57,718	31.44	195	20,683	\$55,459
run3	1,823,565	57,921	31.48	196	20,714	\$57,671
run4	1,827,221	56,591	32.29	184	19,702	\$55,968
run5	1,819,664	58,806	30.94	203	21,291	\$61,758
run6						
run7						
run8						
run9						
run10						
Average	1,822,783	57,801	31.54	195	20,336	\$58,328

Revenue and Transaction by User Class

	Transponder	License Plate	Total
Revenue	\$40,668.60	\$17,659.85	\$58,328.45
Transaction	12,568	4,431	16,999
Avg Toll	\$3.24	\$3.99	\$3.43

Minimum Number of Runs Needed:

	Mean	Speed (mph)	Revenue (\$)
		31.54	58,328
Standard Deviation		0.48	2830
Target Error %	1.0%	9	91
	2.5%	2	15
	3.5%	1	8
	5.0%	1	4
	10.0%	1	1

**Table 2a**  
**Westbound Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>WB C-470 - Managed Lane</b>	I-25	Yosemite	0.622	0.6	0.6	0.6	9.0	9.3	2.9	2.4	1.6	1.5	0.8	1.0	1.0	0.8	0.6
	Yosemite	Quebec	1.401	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.6	1.4	1.5	1.5
	Quebec	Colorado	2.063	2.2	2.2	2.3	2.4	2.3	2.3	2.3	2.3	2.2	3.2	7.4	6.0	2.3	2.3
	Colorado	University	1.030	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1
	University	Broadway	1.489	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.7
	Broadway	Lucent	1.181	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.5	1.7	1.5	1.4	1.3	1.3
	Lucent	Santa Fe	1.403	1.5	1.4	1.4	1.5	1.5	1.5	1.5	1.6	1.6	1.7	1.7	1.6	1.5	1.4
	Santa Fe	Platte Canyon	1.581	1.7	1.7	1.6	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.7	1.7
	Platte Canyon	Wadsworth	1.529	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8	1.9	1.9	2.0	1.7	1.7	1.6
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4
	Total		13.754	14.4	14.5	14.6	23.5	23.8	17.2	16.8	16.3	16.4	16.9	21.4	19.4	14.9	14.6
<b>WB C-470 - General Purpose Lanes</b>	I-25	Yosemite	0.622	0.7	4.9	19.3	37.5	48.0	30.9	27.4	17.6	11.7	3.6	4.0	2.7	2.8	0.7
	Yosemite	Quebec	1.401	6.4	8.8	10.0	12.7	11.7	11.1	11.7	11.2	9.4	7.5	5.1	6.1	8.8	4.7
	Quebec	Colorado	2.063	4.1	5.4	7.6	8.3	8.6	8.8	9.0	8.2	9.1	16.1	9.8	5.9	6.9	6.4
	Colorado	University	1.030	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.7	5.0	9.2	4.6	1.4	1.4	1.4
	University	Broadway	1.489	1.6	1.6	1.6	1.6	1.7	1.7	1.7	3.8	9.3	10.0	4.7	1.6	1.6	1.6
	Broadway	Lucent	1.181	1.2	1.2	1.3	1.3	1.3	1.3	1.8	6.0	8.7	7.3	3.8	1.2	1.2	1.2
	Lucent	Santa Fe	1.403	1.4	1.5	1.5	1.5	1.6	3.1	5.7	7.4	7.7	6.3	5.0	2.7	1.4	1.4
	Santa Fe	Platte Canyon	1.581	1.7	1.7	1.8	2.3	3.6	5.4	5.7	5.9	5.8	5.1	5.4	6.9	4.8	3.4
	Platte Canyon	Wadsworth	1.529	1.6	1.6	1.7	1.8	2.0	2.0	2.0	2.1	2.2	2.2	2.3	1.7	1.6	1.5
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4
	Total		13.540	21.4	29.6	47.6	70.0	81.3	67.1	68.0	65.3	70.4	68.8	46.1	31.7	32.0	23.8
<b>WB C-470 - Travel Time Saving</b>	I-25	Yosemite	0.622	0.1	4.3	18.7	28.5	38.6	28.1	25.0	16.0	10.1	2.8	3.0	1.7	2.0	0.2
	Yosemite	Quebec	1.401	4.9	7.3	8.5	11.1	10.1	9.5	10.2	9.7	8.0	6.0	3.6	4.7	7.3	3.2
	Quebec	Colorado	2.063	1.9	3.2	5.3	6.0	6.3	6.5	6.7	5.9	6.9	12.9	2.4	-0.1	4.6	4.1
	Colorado	University	1.030	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.5	3.8	8.0	3.4	0.2	0.3	0.2
	University	Broadway	1.489	0.0	-0.1	-0.1	-0.1	0.0	0.0	0.1	2.1	7.6	8.3	2.9	-0.1	0.0	-0.1
	Broadway	Lucent	1.181	-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.5	4.5	7.3	5.7	2.3	-0.2	-0.1	-0.1
	Lucent	Platte Canyon	1.403	0.0	0.1	0.1	0.1	0.2	1.6	4.3	5.8	6.1	4.6	3.3	1.1	0.0	0.0
	Platte Canyon	Santa Fe	1.581	0.0	0.0	0.2	0.6	1.9	3.6	3.9	4.1	3.9	3.3	3.6	5.0	3.1	1.7
	Santa Fe	Wadsworth	1.529	0.0	0.0	0.1	0.1	0.3	0.2	0.3	0.3	0.3	0.3	0.3	-0.1	0.0	-0.1
	Wadsworth	Kipling	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total		13.540	6.9	15.1	33.0	46.5	57.5	49.9	51.2	48.9	54.0	51.9	24.8	12.3	17.1	9.1

**Table 2b**  
**Eastbound Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>EB C-470 - Managed Lane</b>	Kipling	Wadsworth	1.454	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.4	1.5	1.6	1.5	1.5	1.4	1.4
	Wadsworth	Platte Canyon	1.530	1.5	1.5	1.5	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.7	1.5	1.4
	Platte Canyon	Santa Fe	1.569	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Santa Fe	Lucent	1.403	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Lucent	Broadway	1.204	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	Broadway	University	1.473	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	University	Colorado	1.026	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Colorado	Quebec	2.068	1.9	1.9	1.9	2.0	2.0	2.0	2.0	1.9	1.9	2.0	2.0	2.0	2.0	1.9
	Quebec	Yosemite	1.388	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.3</b>	<b>13.5</b>	<b>13.5</b>	<b>13.3</b>	<b>13.1</b>	<b>13.2</b>	<b>13.4</b>	<b>13.4</b>	<b>13.4</b>	<b>13.0</b>	<b>12.8</b>
<b>EB C-470 - General Purpose Lanes</b>	Kipling	Wadsworth	1.454	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.4	1.5	1.6	1.5	1.5	1.4	1.4
	Wadsworth	Platte Canyon	1.530	1.5	1.5	1.5	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.7	1.5	1.4
	Platte Canyon	Santa Fe	1.569	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.6	1.5
	Santa Fe	Lucent	1.403	1.5	1.5	1.5	1.5	1.6	1.6	1.5	1.4	1.5	1.5	1.6	1.5	1.4	1.4
	Lucent	Broadway	1.204	1.2	1.2	1.2	1.3	1.3	1.4	1.3	1.2	1.2	1.2	1.3	1.2	1.2	1.1
	Broadway	University	1.473	1.5	1.5	1.5	1.6	1.7	2.1	2.3	1.5	1.5	1.5	1.9	2.2	1.5	1.4
	University	Colorado	1.026	1.1	1.1	1.1	1.1	1.1	1.8	1.9	1.0	1.0	1.0	1.2	1.5	1.1	1.0
	Colorado	Quebec	2.068	2.2	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.2	2.2	2.1	2.0
	Quebec	Yosemite	1.388	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.4	1.4	1.4	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>14.0</b>	<b>13.9</b>	<b>14.0</b>	<b>14.3</b>	<b>14.8</b>	<b>15.8</b>	<b>15.7</b>	<b>13.9</b>	<b>14.0</b>	<b>14.0</b>	<b>14.9</b>	<b>15.4</b>	<b>13.6</b>	<b>13.1</b>
<b>EB C-470 - Travel Time Saving</b>	Kipling	Wadsworth	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Wadsworth	Platte Canyon	1.530	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Platte Canyon	Santa Fe	1.569	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
	Santa Fe	Lucent	1.403	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.3	0.2	0.1	0.1
	Lucent	Broadway	1.204	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.0
	Broadway	University	1.473	0.1	0.2	0.1	0.2	0.3	0.6	0.9	0.1	0.1	0.1	0.5	0.7	0.1	0.0
	University	Colorado	1.026	0.1	0.1	0.1	0.1	0.2	0.8	0.9	0.1	0.1	0.1	0.2	0.6	0.1	0.0
	Colorado	Quebec	2.068	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.1	0.1
	Quebec	Yosemite	1.388	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0
	Yosemite	I-25	0.635	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>Total</b>		<b>13.749</b>	<b>0.9</b>	<b>0.9</b>	<b>0.8</b>	<b>1.0</b>	<b>1.3</b>	<b>2.3</b>	<b>2.4</b>	<b>0.8</b>	<b>0.7</b>	<b>0.7</b>	<b>1.5</b>	<b>2.0</b>	<b>0.6</b>	<b>0.3</b>

**Table 2c**  
**I-25 Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)														
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00	
<b>NB I-25</b>	Lincoln	C-470	1.323	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2
	C-470	Countyline	0.761	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
	Total		2.084	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
<b>SB I-25</b>	Countyline	C-470	0.761	0.8	0.8	0.8	0.9	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.8	
	C-470	Lincoln	1.323	1.3	1.3	1.4	1.4	1.5	1.5	1.5	1.6	1.5	1.6	2.0	1.5	1.5	1.4	
	Total		2.084	2.1	2.1	2.2	2.3	2.5	2.4	2.5	2.6	2.5	2.6	3.0	2.4	2.4	2.2	

**Table 2d**  
**NB/SB I-25 Ramp to C-470 WB Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>NB I-25 - General Purpose</b>	Lincoln	Yosemite	1.963	2.4	3.2	3.6	5.4	7.8	7.4	5.5	3.8	3.5	3.3	3.1	2.8	2.7	2.3
	Yosemite	Quebec	1.402	6.4	8.8	10.0	12.7	11.7	11.1	11.2	9.4	7.5	5.1	6.1	8.8	4.7	
	Total		3.365	8.8	12.1	13.6	18.1	19.5	18.5	17.2	15.0	13.0	10.8	8.3	8.9	11.5	7.0
<b>NB I-25 - Managed Lane</b>	Lincoln	Yosemite	1.967	2.3	2.3	2.3	2.5	4.3	4.0	2.7	2.5	2.5	2.7	2.7	2.5	2.2	2.2
	Yosemite	Quebec	1.398	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.6	1.6
	Total		3.364	3.9	3.9	3.9	4.1	5.9	5.5	4.3	4.1	4.1	4.3	4.4	4.1	3.8	3.8
<b>SB I-25 - General Purpose</b>	Countyline	Yosemite	1.142	1.3	2.5	3.3	6.1	6.8	5.8	5.4	3.6	3.0	2.2	2.0	1.7	1.9	1.4
	Yosemite	Quebec	1.402	6.4	8.8	10.0	12.7	11.7	11.1	11.7	11.2	9.4	7.5	5.1	6.1	8.8	4.7
	Total		2.544	7.7	11.4	13.2	18.8	18.4	16.9	17.1	14.7	12.5	9.7	7.1	7.8	10.7	6.1
<b>SB I-25 - Managed Lane</b>	Countyline	Yosemite	1.187	1.3	1.3	1.4	1.4	1.5	1.4	1.4	1.5	1.4	1.5	1.4	1.4	1.4	1.3
	Yosemite	Quebec	1.398	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.6	1.4	1.5	1.5
	Total		2.585	2.8	2.8	2.8	3.0	3.0	3.0	2.9	3.0	2.9	2.9	3.0	2.8	2.9	2.9





Table 5a  
Westbound Managed Lane Speed

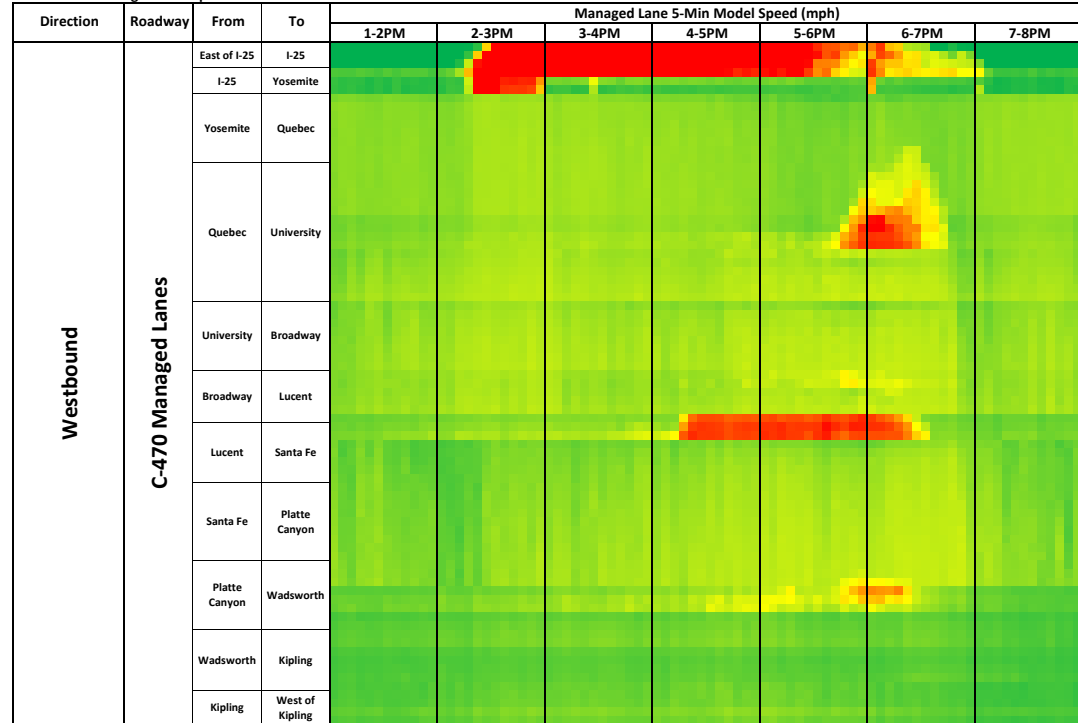


Table 5b  
Westbound General Purpose Lane Speed

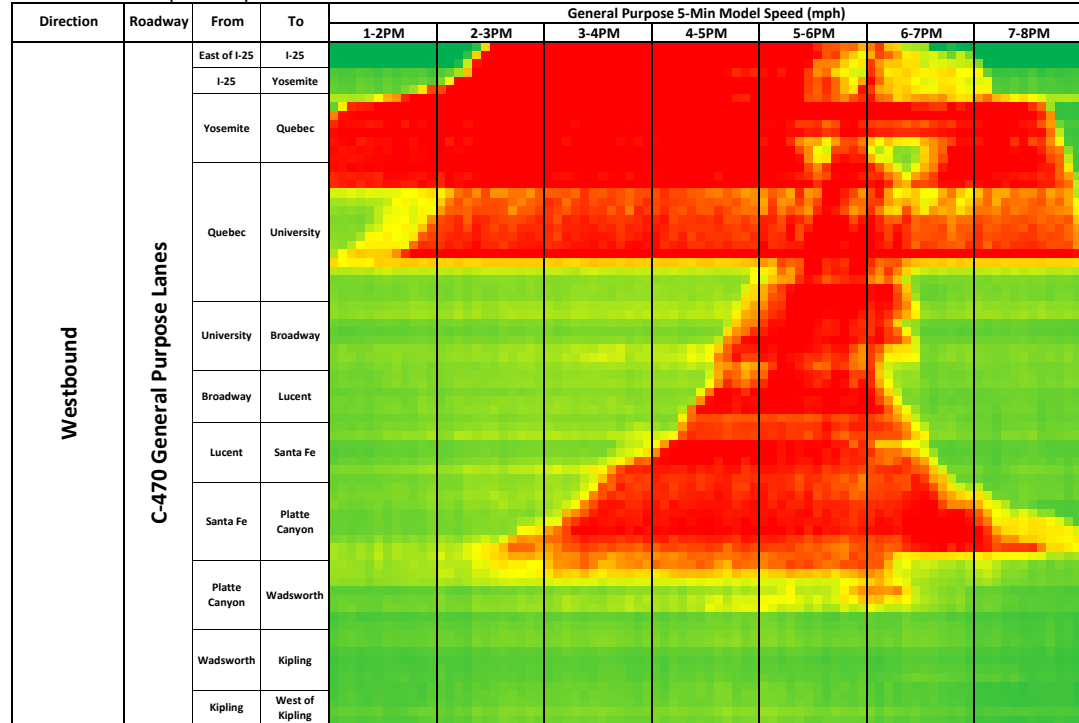


Table 5c  
Eastbound Managed Lane Speed

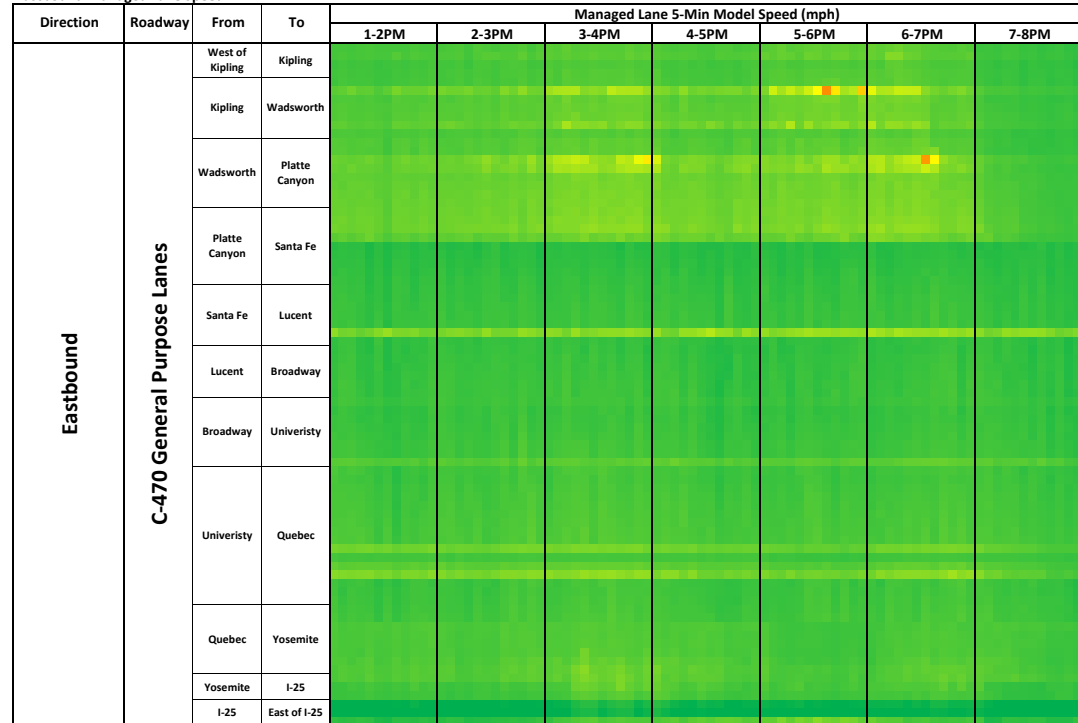


Table 5d  
Eastbound General Purpose Lane Speed

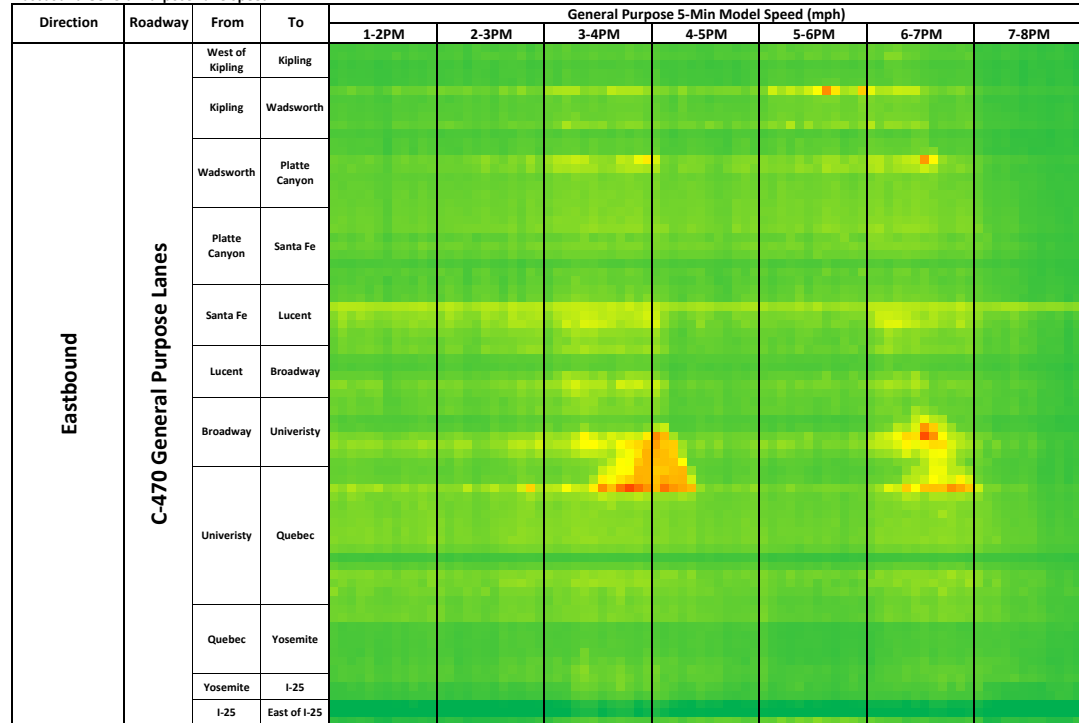


Table 5e  
NB I-25 Speed

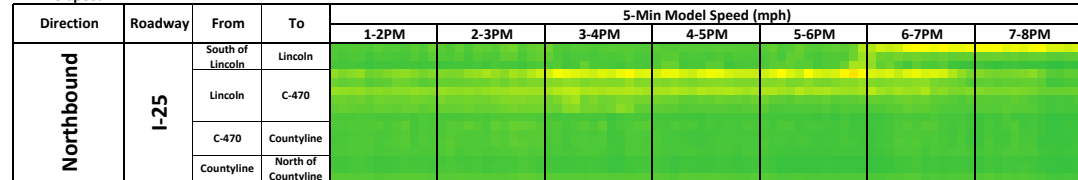


Table 5f  
SB I-25 Speed

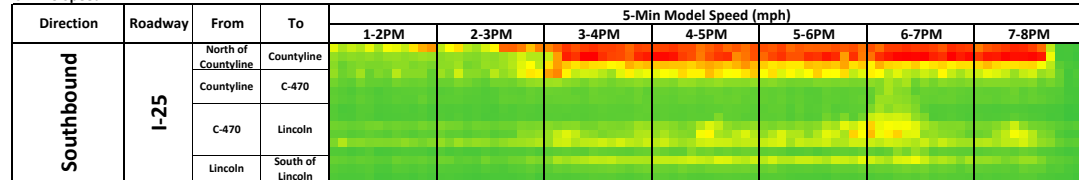


Table 6a  
Westbound Managed Lane Volume

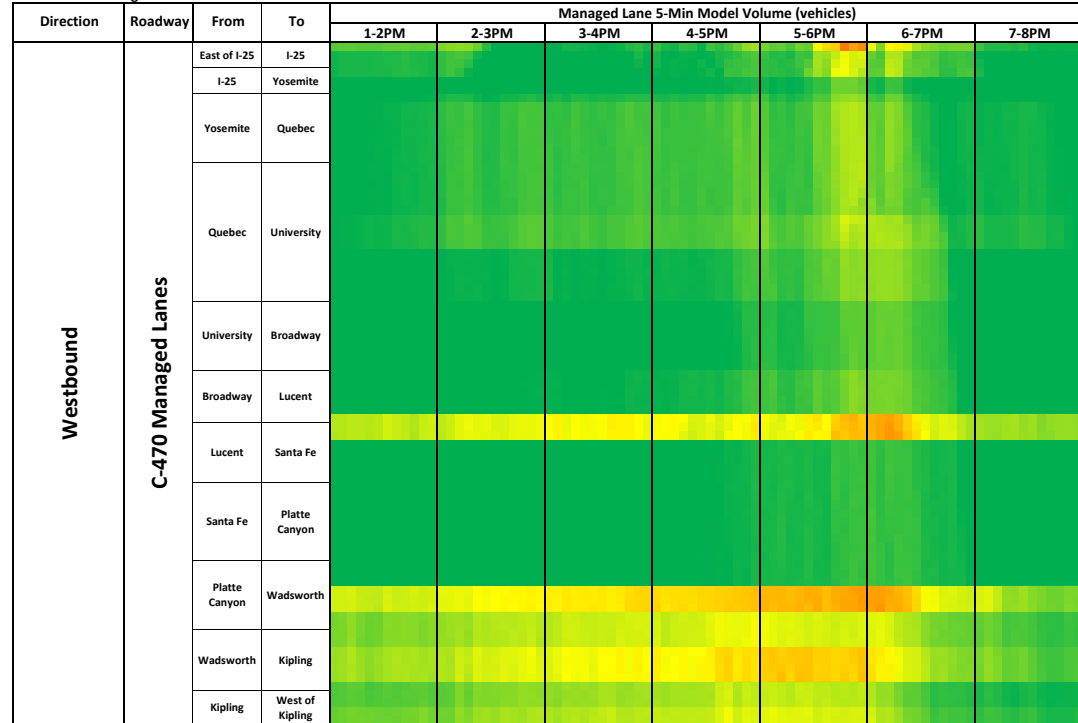


Table 6b  
Westbound General Purpose Lane Volume

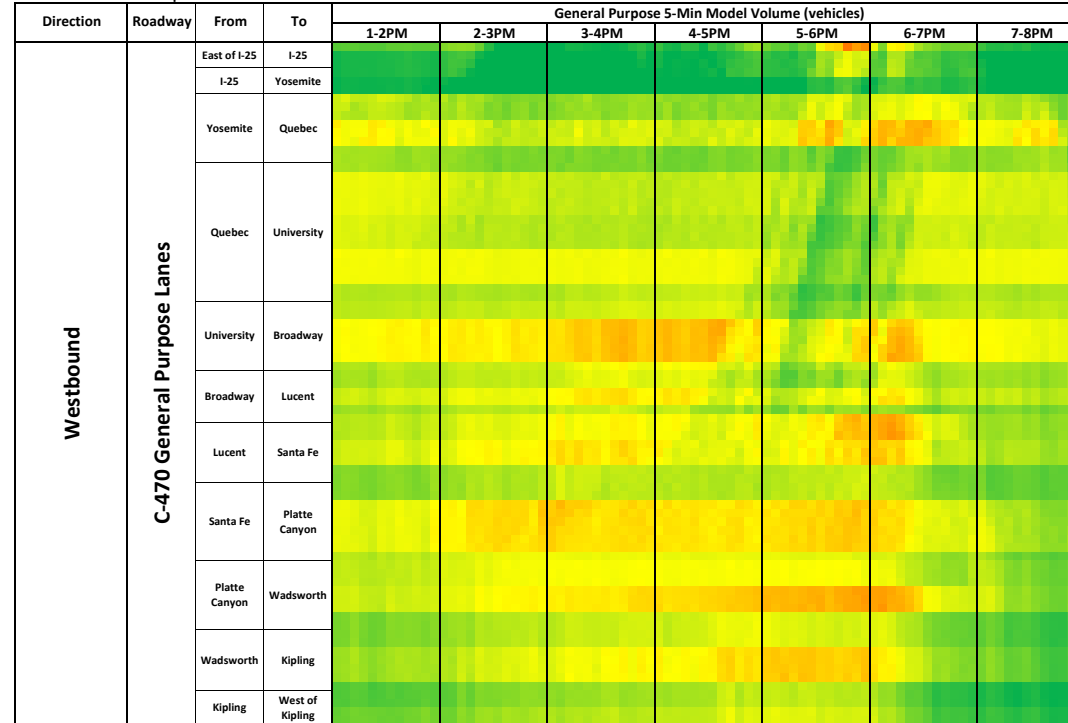


Table 6c  
Eastbound Managed Lane Volume

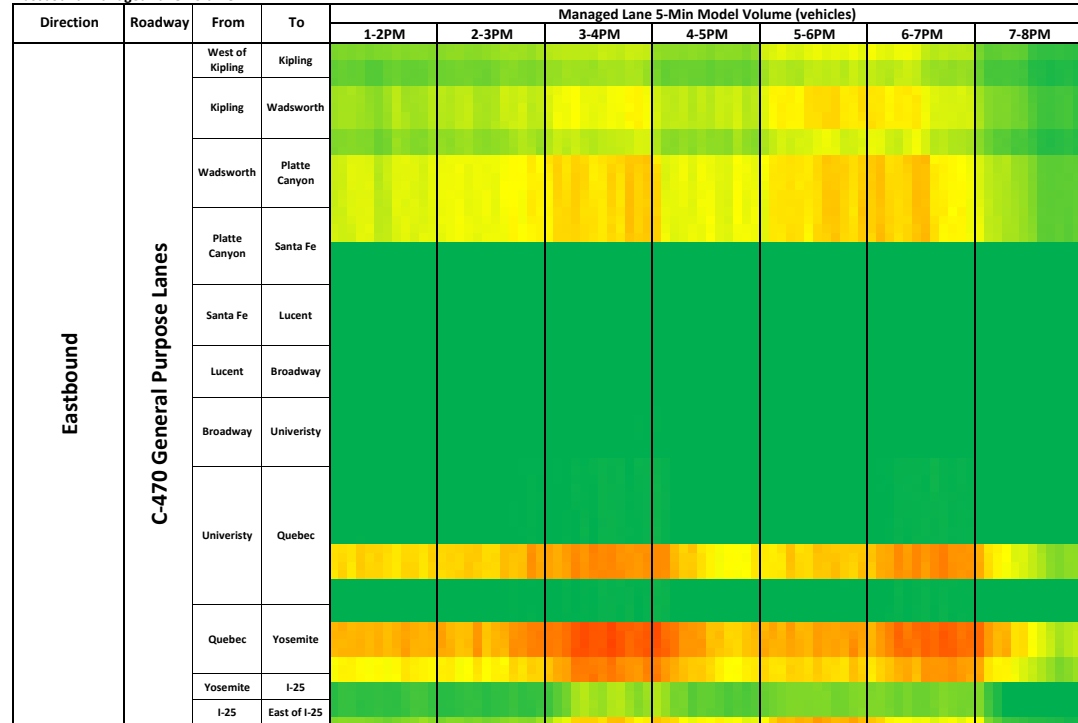


Table 6d  
Eastbound General Purpose Lane Volume

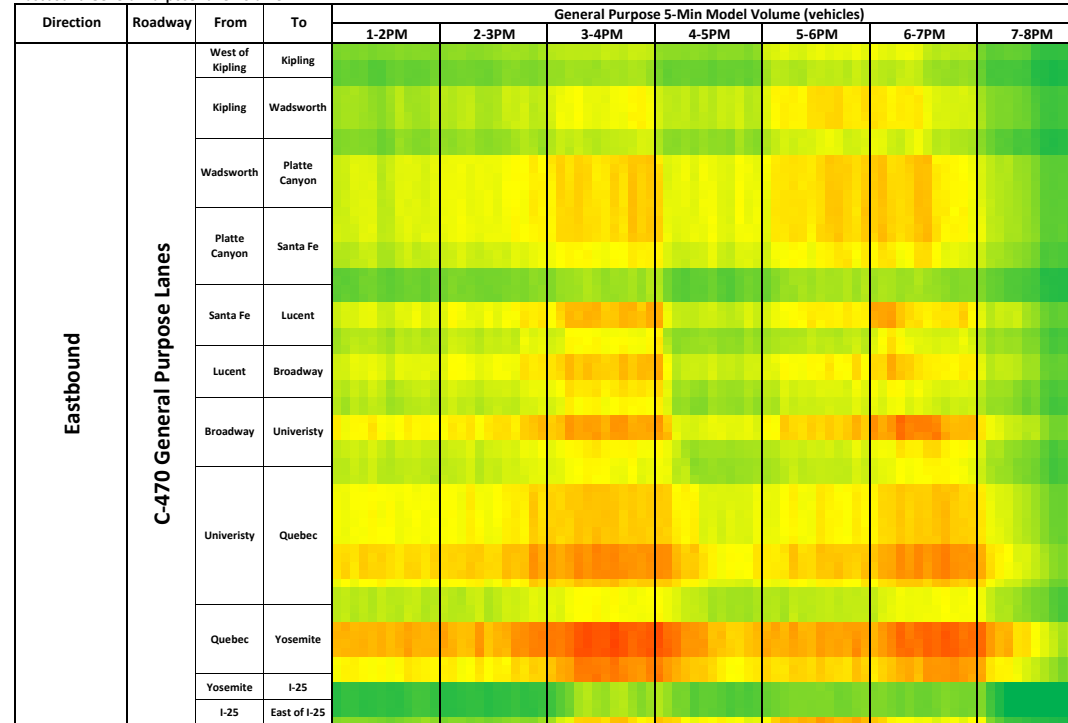


Table 6e  
NB I-25 Volume

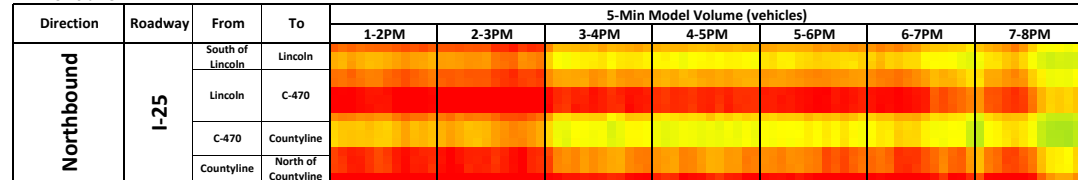
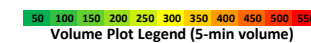
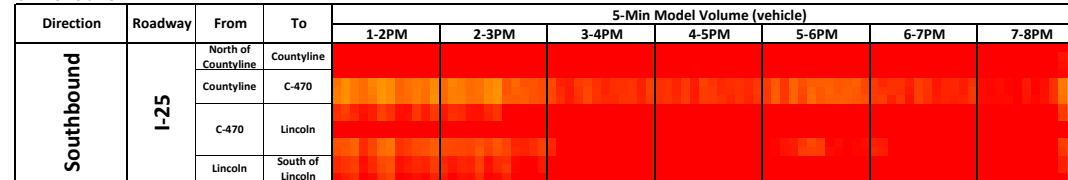


Table 6f  
SB I-25 Volume





# **Appendix H**

## **Option C Interim 2-Lane to Lucent 2025 PM**

**Table 1**  
**Network Summary**

Run#	Total VMT (veh-mi)	Total VHT (veh-hr)	Avg Spd (mph)	Avg Delay (s)	Latent Demand	Total Revenue (2013\$)
run1	1,690,798	46,355	36.48	133	11,132	\$41,092
run2	1,698,482	45,985	36.94	128	9,613	\$40,396
run3	1,686,998	48,169	35.02	150	12,527	\$42,773
run4	1,685,438	48,158	35.00	150	12,065	\$37,826
run5	1,691,792	47,746	35.43	145	11,844	\$41,284
run6						
run7						
run8						
run9						
run10						
Average	1,690,701	47,283	35.77	141	11,436	\$40,674

Revenue and Transaction by User Class

	Transponder	License Plate	Total
Revenue	\$23,701.45	\$16,972.80	\$40,674.25
Transaction	8,954	4,861	13,815
Avg Toll	\$2.65	\$3.49	\$2.94

Minimum Number of Runs Needed:

Mean	Speed (mph)	Revenue (\$)	
	35.77	40,674	
Standard Deviation	0.88	1812	
Target Error %	1.0%	24	77
	2.5%	4	13
	3.5%	2	7
	5.0%	1	4
	10.0%	1	1

**Table 2a**  
**Westbound Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>WB C-470 - Managed Lane</b>	I-25	Yosemite	0.622	0.6	0.6	0.6	0.6	15.2	5.4	2.4	2.5	2.3	0.9	1.5	1.5	1.1	0.6
	Yosemite	Quebec	1.401	1.5	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.4	1.5	1.5
	Quebec	Colorado	2.063	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.2	2.1	2.1	2.1	2.2	2.2
	Colorado	University	1.030	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0
	University	Broadway	1.489	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.6	1.5	1.5	1.4	1.4	1.5	1.5
	Broadway	Lucent	1.181	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	Lucent	Santa Fe	1.403	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.4
	Santa Fe	Platte Canyon	1.581	1.7	1.7	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8	1.8	1.7	1.7	1.6
	Platte Canyon	Wadsworth	1.529	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8	1.8	1.6	1.6	1.6
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4
	Total		13.754	14.1	14.0	14.0	14.2	29.1	19.3	16.3	16.7	16.2	14.7	15.0	14.7	14.6	14.0
<b>WB C-470 - General Purpose Lanes</b>	I-25	Yosemite	0.622	0.6	0.6	1.0	13.7	37.3	39.5	28.5	26.8	23.2	4.0	5.5	3.9	5.7	0.9
	Yosemite	Quebec	1.401	1.4	2.0	5.5	9.1	10.1	10.5	11.6	11.1	9.5	4.2	4.1	6.0	6.5	2.9
	Quebec	Colorado	2.063	2.4	3.2	3.9	5.4	7.0	7.5	8.3	8.5	7.4	4.2	2.4	4.9	6.4	4.8
	Colorado	University	1.030	1.1	1.2	1.2	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.2	1.4	1.4	1.3
	University	Broadway	1.489	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	2.1	3.6	2.0	1.6	1.6	1.5
	Broadway	Lucent	1.181	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	4.1	4.7	2.7	1.2	1.2	1.2
	Lucent	Santa Fe	1.403	1.4	1.4	1.5	1.5	1.5	1.6	1.6	3.3	6.3	5.3	3.7	1.4	1.4	1.4
	Santa Fe	Platte Canyon	1.581	1.6	1.6	1.7	1.7	1.9	2.8	3.8	5.2	5.2	4.8	4.6	2.4	1.6	1.6
	Platte Canyon	Wadsworth	1.529	1.6	1.6	1.6	1.7	1.7	1.9	1.9	1.9	2.0	2.1	1.8	1.6	1.5	1.5
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4
	Total		13.540	14.3	15.8	20.5	38.7	65.3	69.5	61.7	62.8	62.6	35.8	29.5	25.7	28.8	18.5
<b>WB C-470 - Travel Time Saving</b>	I-25	Yosemite	0.622	0.1	0.1	0.4	13.0	22.0	34.1	26.1	24.3	21.0	3.1	4.0	2.4	4.6	0.4
	Yosemite	Quebec	1.401	0.0	0.5	4.0	7.6	8.6	9.0	10.1	9.6	8.0	2.8	2.7	4.5	5.0	1.4
	Quebec	Colorado	2.063	0.1	1.0	1.7	3.2	4.7	5.2	6.0	6.2	5.1	2.1	0.4	2.8	4.1	2.6
	Colorado	University	1.030	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.2	0.4	0.4	0.3
	University	Broadway	1.489	0.0	0.1	0.1	0.0	0.1	0.1	0.2	0.2	0.6	2.1	0.5	0.1	0.1	0.0
	Broadway	Lucent	1.181	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	2.9	3.5	1.5	0.0	0.0
	Lucent	Platte Canyon	1.403	0.0	0.0	0.1	0.1	0.1	0.2	0.2	1.8	4.8	3.9	2.3	0.0	0.0	0.0
	Platte Canyon	Santa Fe	1.581	-0.1	0.0	0.0	0.1	0.2	1.1	2.1	3.5	3.4	3.0	2.9	0.7	0.0	-0.1
	Santa Fe	Wadsworth	1.529	-0.1	-0.1	0.0	0.0	0.1	0.2	0.2	0.2	0.3	0.2	0.1	0.0	-0.1	-0.1
	Wadsworth	Kipling	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total		13.540	0.2	1.8	6.5	24.4	36.2	50.2	45.3	46.2	46.4	21.1	14.6	11.0	14.2	4.5

**Table 2b**  
**Eastbound Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>EB C-470 - Managed Lane</b>	Kipling	Wadsworth	1.454	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.4	1.5	1.5	1.5	1.5	1.4	1.4
	Wadsworth	Platte Canyon	1.530	1.5	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.6	1.6	1.6	1.6	1.5	1.4
	Platte Canyon	Santa Fe	1.569	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Santa Fe	Lucent	1.403	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Lucent	Broadway	1.204	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	Broadway	University	1.473	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	University	Colorado	1.026	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Colorado	Quebec	2.068	1.9	1.9	2.0	1.9	2.0	2.0	2.0	1.9	1.9	1.9	2.0	2.0	1.9	1.9
	Quebec	Yosemite	1.388	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>13.1</b>	<b>13.0</b>	<b>13.1</b>	<b>13.1</b>	<b>13.3</b>	<b>13.3</b>	<b>13.2</b>	<b>13.1</b>	<b>13.2</b>	<b>13.3</b>	<b>13.4</b>	<b>13.3</b>	<b>13.0</b>	<b>12.8</b>
<b>EB C-470 - General Purpose Lanes</b>	Kipling	Wadsworth	1.454	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.4	1.5	1.5	1.5	1.5	1.4	1.4
	Wadsworth	Platte Canyon	1.530	1.5	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.6	1.6	1.6	1.6	1.5	1.4
	Platte Canyon	Santa Fe	1.569	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5
	Santa Fe	Lucent	1.403	1.4	1.4	1.4	1.4	1.6	1.6	1.5	1.5	1.4	1.5	1.6	1.5	1.4	1.4
	Lucent	Broadway	1.204	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.2	1.2	1.2	1.3	1.3	1.2	1.2
	Broadway	University	1.473	1.5	1.5	1.5	1.5	1.7	1.8	1.8	1.5	1.5	1.5	1.9	1.8	1.5	1.4
	University	Colorado	1.026	1.0	1.1	1.1	1.1	1.2	1.8	1.6	1.0	1.0	1.0	1.1	1.3	1.0	1.0
	Colorado	Quebec	2.068	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.1	2.2	2.2	2.1	2.0
	Quebec	Yosemite	1.388	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.4	1.4	1.4	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>13.7</b>	<b>13.8</b>	<b>13.9</b>	<b>13.9</b>	<b>14.6</b>	<b>15.5</b>	<b>15.0</b>	<b>13.9</b>	<b>13.9</b>	<b>14.0</b>	<b>14.8</b>	<b>14.8</b>	<b>13.6</b>	<b>13.1</b>
<b>EB C-470 - Travel Time Saving</b>	Kipling	Wadsworth	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Wadsworth	Platte Canyon	1.530	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Platte Canyon	Santa Fe	1.569	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
	Santa Fe	Lucent	1.403	0.1	0.1	0.1	0.1	0.2	0.3	0.2	0.1	0.1	0.2	0.2	0.2	0.1	0.1
	Lucent	Broadway	1.204	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1
	Broadway	University	1.473	0.1	0.1	0.1	0.1	0.3	0.4	0.4	0.1	0.1	0.1	0.5	0.4	0.1	0.0
	University	Colorado	1.026	0.1	0.1	0.1	0.1	0.2	0.9	0.7	0.1	0.1	0.1	0.2	0.3	0.1	0.0
	Colorado	Quebec	2.068	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.1
	Quebec	Yosemite	1.388	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.0
	Yosemite	I-25	0.635	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>Total</b>		<b>13.749</b>	<b>0.6</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>1.3</b>	<b>2.2</b>	<b>1.7</b>	<b>0.8</b>	<b>0.7</b>	<b>0.7</b>	<b>1.4</b>	<b>1.5</b>	<b>0.6</b>	<b>0.3</b>

**Table 2c**  
**I-25 Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>NB I-25</b>	Lincoln	C-470	1.323	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2
	C-470	Countyline	0.761	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
	Total		2.084	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
<b>SB I-25</b>	Countyline	C-470	0.761	0.8	0.8	0.8	0.8	1.0	1.0	1.0	1.0	0.9	0.9	1.1	0.8	0.9	0.8
	C-470	Lincoln	1.323	1.3	1.3	1.3	1.3	1.4	1.5	1.6	1.7	1.5	1.6	1.7	1.5	1.4	1.3
	Total		2.084	2.1	2.1	2.1	2.1	2.4	2.5	2.6	2.7	2.4	2.5	2.8	2.3	2.3	2.1

**Table 2d**  
**NB/SB I-25 Ramp to C-470 WB Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>NB I-25 - General Purpose</b>	Lincoln	Yosemite	1.963	2.3	2.3	2.5	4.1	7.2	12.5	15.1	10.3	5.2	2.8	2.8	2.8	2.7	2.2
	Yosemite	Quebec	1.402	1.4	2.0	5.4	9.1	10.1	10.5	11.6	11.1	9.5	4.2	4.1	6.0	6.5	2.9
	Total		3.365	3.7	4.3	8.0	13.2	17.3	23.0	26.7	21.4	14.6	7.0	7.0	8.7	9.2	5.1
<b>NB I-25 - Managed Lane</b>	Lincoln	Yosemite	1.967	2.3	2.3	2.3	2.4	4.4	9.3	10.8	6.4	3.0	2.5	2.4	2.4	2.2	2.2
	Yosemite	Quebec	1.398	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	Total		3.364	3.8	3.8	3.9	3.9	6.0	10.9	12.4	8.0	4.6	4.1	4.0	3.9	3.8	3.8
<b>SB I-25 - General Purpose</b>	Countyline	Yosemite	1.142	1.3	1.3	1.5	4.0	7.4	9.6	8.8	6.8	4.2	1.7	1.9	1.8	2.1	1.3
	Yosemite	Quebec	1.402	1.4	2.0	5.4	9.1	10.1	10.5	11.6	11.1	9.5	4.2	4.1	6.0	6.5	2.9
	Total		2.544	2.7	3.3	7.0	13.1	17.5	20.1	20.4	17.9	13.6	5.9	6.1	7.7	8.6	4.1
<b>SB I-25 - Managed Lane</b>	Countyline	Yosemite	1.187	1.3	1.3	1.3	1.3	1.4	1.5	1.5	1.4	1.4	1.4	1.5	1.3	1.4	1.3
	Yosemite	Quebec	1.398	1.5	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.4	1.5	1.5
	Total		2.585	2.8	2.8	2.8	2.8	3.0	3.0	3.0	2.9	2.8	2.8	2.9	2.7	2.9	2.8

Table 3

Revenue and Transaction																																																	
User	Direction	From	To	Revenue																	Transactions											Average Toll Price (2013)																	
				13:00-13:30	13:30-14:00	14:00-14:30	14:30-15:00	15:00-15:30	15:30-16:00	16:00-16:30	16:30-17:00	17:00-17:30	17:30-18:00	18:00-18:30	18:30-19:00	19:00-19:30	19:30-20:00	Total	13:00-13:30	13:30-14:00	14:00-14:30	14:30-15:00	15:00-15:30	15:30-16:00	16:00-16:30	16:30-17:00	17:00-17:30	17:30-18:00	18:00-18:30	18:30-19:00	19:00-19:30	19:30-20:00	Total	1:00-1:30	1:30-2:00	2:00-2:30	2:30-3:00	3:00-3:30	3:30-4:00	4:00-4:30	4:30-5:00	5:00-5:30	5:30-6:00	6:00-6:30	6:30-7:00	7:00-7:30	7:30-8:00	Total	
Transponder Users	Westbound	SB I-25	University	55	54	84	165	284	367	344	356	139	35	62	80	127	66	2,217	32	29	42	73	102	125	112	113	53	16	35	44	58	30	865	1.71	1.88	1.98	2.25	2.78	2.92	3.06	3.15	2.62	2.14	1.79	1.83	2.18	2.20	2.56	
			Broadway	27	30	46	76	155	230	216	188	136	59	46	51	83	36	1,381	11	9	13	19	32	44	42	35	30	15	14	21	9	310	2.44	3.34	3.56	4.06	4.86	5.19	5.14	5.30	4.62	4.04	3.30	3.34	3.92	3.86	4.46		
			Santa Fe	25	33	45	98	159	257	233	225	83	45	27	39	54	35	1,356	8	10	13	24	33	50	44	41	18	11	8	11	14	9	293	2.93	3.34	3.61	4.14	4.87	5.13	5.24	5.43	4.60	4.14	3.41	3.40	3.97	4.01	4.62	
		NB I-25	Wadsworth	18	22	14	27	87	155	261	306	243	303	74	27	43	21	1,601	5	4	3	5	13	22	36	41	36	46	13	5	7	4	241	3.56	5.09	5.44	5.83	6.52	6.96	7.18	7.39	6.78	6.64	5.77	5.00	5.81	5.62	6.65	
			University	30	35	62	114	135	137	151	179	127	47	36	71	88	50	1,261	17	19	31	51	52	51	54	63	49	22	20	39	40	23	530	1.80	1.82	1.97	2.23	2.61	2.69	2.78	2.86	2.61	2.15	1.79	1.80	2.19	2.21	2.38	
			Broadway	14	18	21	35	62	63	76	60	70	44	22	24	46	26	581	6	5	6	8	13	15	12	16	15	12	16	7	11	7	136	2.57	3.31	3.58	4.12	4.65	4.93	5.14	5.08	4.62	3.95	3.49	3.37	4.07	3.86	4.26	
		E-470	Santa Fe	20	27	41	71	71	84	86	116	98	62	36	41	62	38	852	7	8	11	17	15	17	17	17	17	17	17	17	17	17	200	2.81	3.41	3.58	4.16	4.70	4.88	4.98	5.19	4.58	4.05	3.41	3.29	3.99	4.00	4.26	
			Wadsworth	10	16	24	38	26	48	58	125	102	109	62	26	23	20	687	3	3	5	7	4	7	8	12	15	17	11	5	4	4	110	3.37	4.97	5.22	5.73	6.61	6.65	6.90	7.20	6.63	6.56	5.62	5.00	5.64	5.51	6.23	
			University	20	24	58	63	14	64	62	66	62	109	55	82	44	18	742	11	13	31	31	5	24	21	23	25	51	31	46	20	8	340	1.81	1.79	1.89	2.03	2.85	2.72	2.95	2.92	2.49	2.14	1.77	1.80	2.15	2.18	2.18	
		Quebec	Broadway	9	9	30	39	5	95	154	140	126	341	39	58	17	9	1,070	4	3	9	10	1	20	30	27	27	81	12	18	4	2	248	2.21	3.27	3.45	3.80	5.00	4.80	5.08	5.20	4.62	4.18	3.36	3.32	3.88	3.75	4.31	
			Santa Fe	15	20	31	41	6	101	178	146	116	405	71	53	34	11	1,228	5	6	9	11	1	20	36	26	26	96	21	16	8	3	284	2.73	3.32	3.53	3.88	4.71	5.01	5.01	5.54	4.50	4.20	3.46	3.38	3.99	3.96	4.33	
			Wadsworth	8	9	11	21	6	33	208	199	258	1,189	301	50	16	16	2,324	2	2	2	4	1	5	28	27	38	175	50	10	3	3	350	3.66	5.00	5.14	5.51	7.13	6.62	7.32	7.44	6.82	6.78	5.98	5.10	6.02	5.27	6.64	
		University	Broadway	19	27	24	32	13	13	11	13	22	23	16	19	30	33	294	13	18	15	17	6	6	4	5	11	11	10	12	16	18	165	1.40	1.49	1.59	1.86	2.09	2.22	2.41	2.42	2.00	1.98	1.58	1.58	1.84	1.80	1.78	
	Santa Fe		33	37	25	29	41	40	41	43	34	37	34	32	30	28	485	24	24	16	15	19	18	18	18	17	19	21	21	17	17	263	1.41	1.54	1.59	1.90	2.12	2.25	2.31	2.37	2.02	1.94	1.59	1.55	1.79	1.71	1.84		
	Wadsworth		47	59	41	35	70	74	56	71	65	94	66	44	28	36	787	33	39	26	19	33	33	24	30	31	48	40	28	16	21	422	1.43	1.54	1.58	1.84	2.13	2.23	2.31	2.37	2.06	1.93	1.65	1.58	1.82	1.70	1.87		
	Broadway	University	17	27	31	35	49	42	77	77	106	160	153	26	9	11	817	7	8	10	12	11	18	17	20	31	37	40	8	3	208	2.57	3.25	3.18	3.55	3.93	3.98	4.22	4.52	4.26	4.36	3.78	3.24	3.56	3.30	3.93			
		Santa Fe	24	31	31	18	14	24	22	15	28	36	25	19	15	14	316	16	19	19	11	8	13	11	7	13	16	11	11	9	8	171	1.55	1.67	1.61	1.71	1.81	1.78	1.95	2.21	2.19	2.31	2.26	1.67	1.66	1.65	1.84		
		Wadsworth	36	47	47	33	37	44	63	101	121	118	83	44	19	14	808	20	27	29	19	22	25	33	46	54	51	38	25	11	9	411	1.76	1.73	1.62	1.69	1.72	1.77	1.91	2.18	2.23	2.32	2.18	1.76	1.73	1.57	1.97		
	Westbound Total	University	16	21	23	30	19	30	29	51	72	81	59	22	11	9	472	11	13	14	18	11	17	15	24	33	36	27	13	7	6	244	1.47	1.62	1.61	1.69	1.73	1.78	1.87	2.12	2.18	2.24	2.20	1.74	1.67	1.53	1.94		
		Wadsworth Total	444	545	690	998	1,253	1,900	2,326	2,478	2,007	3,295	1,267	807	777	490	19,278	236	259	304	368	384	521	570	596	537	775	419	346	285	193	5,791	1.88	2.10	2.27	2.71	3.27	3.65	4.08	4.16	3.74	4.25	3.03	2.33	2.73	2.54	3.33		
		University	29	32	37	35	50	55	43	35	45	57	60	48	39	26	591	25	23	26	26	35	37	29	26	34	40	41	32	29	20	422	1.18	1.37	1.41	1.37	1.44	1.48	1.47	1.38	1.34	1.43	1.46	1.49	1.34	1.32	1.40		
	Eastbound	Quebec	14	13	21	21	19	19	13	9	17	21	22	17	10	5	220	11	10	14	15	13	13	9	7	12	14	16	11	8	4	157	1.22	1.38	1.43	1.47	1.47	1.47	1.44	1.48	1.35	1.37	1.43	1.42	1.41	1.49	1.32	1.31	1.40
		Yosemite	72	70	76	86	120	112	92	69	85	92	102	106	63	46	1,191	59	50	53	63	82	76	63	51	63	64	70	72	47	35	848	1.22	1.39	1.44	1.37	1.46	1.47	1.46	1.36	1.34	1.44	1.45	1.48	1.35	1.32	1.40		
		Quebec	14	16	12	15	16	20	17	15	12	15	17	13	11	7	200	11	11	8	11	11	13	12	11	9	11	12	9	8	6	143	1.26	1.38	1.41	1.37	1.47	1.46	1.47	1.37	1.33	1.42	1.41	1.49	1.32	1.31	1.40		
	Broadway	Yosemite	50	53	55	62	72	88	64	41	44	48	74	71	44	27	793	42	38	39	46	50	60	43	31	33	33	52	47	32	21	567	1.19	1.39	1.42	1.35	1.46	1.47	1.47	1.35	1.34	1.43	1.44	1.49	1.35	1.28	1.40		
		Quebec	6	7	9	10	9	8	7	7	11	14	14	10	8	4	124	5	5	6	8	6	5	5	5	5	5	5	4	3	89	1.15	1.38	1.44	1.33	1.45	1.47	1.46	1.37	1.37	1.41	1.44	1.50	1.33	1.29	1.39			
Yosemite		43	49	46	50	55	63	49	53	49	59	87	80	40	29	751	36	36	32	36	37	43	34	39	36	41	61	54	29	22	537	1.20	1.37	1.42	1.37	1.46	1.46	1.47	1.36	1.35	1.44	1.44	1.48	1.34	1.29	1.40			
University	Yosemite	33	39	39	39	51	48	43	37	48	39	42	32	37	28	555	28	29	27	29	29	35	32	29	28	35	27	29	21	21	400	1.17	1.35	1.42	1.35	1.46	1.48	1.46	1.35	1.35	1.45	1.41	1.49	1.34	1.32	1.39			
	Yosemite	261	279	294	318	393	412	327	267	311	345	417	378	252	171	4,424	217	203	206	233	270	281	223	196	231	240	290	255	187	131	3,163	1.20	1.38	1.42	1.36	1.46	1.47	1.47	1.36	1.34	1.43	1.44	1.49	1.35	1.30	1.40			
	Wadsworth Total	705	824	984	1,646	2,312	2,653	2,744	2,653	2,744	3,640	1,684	1,185	1,029	661	23,701	453	462	510	601	673	802	793	792	768	1,015	709	600	472	324	8,954	1.56	1.79	1.93	2.19	2.52	2.88	3.35	3.47	3.02	3.49	2.38	1.97	2.18	2.04	2.65			
License Plate User	Westbound	SB I-25	University	36	44	72	129	220	298	322	261	120	32	44	60	105	43	1,785	13	17	26	43	63	82	84	66	36	11	18	23	36	15	533	2.48	2.64	2.73	3.00	3.51	3.64	3.84	3.93	3.38	3.00	2.49	2.59	2.92			



Table 5a  
Westbound Managed Lane Speed

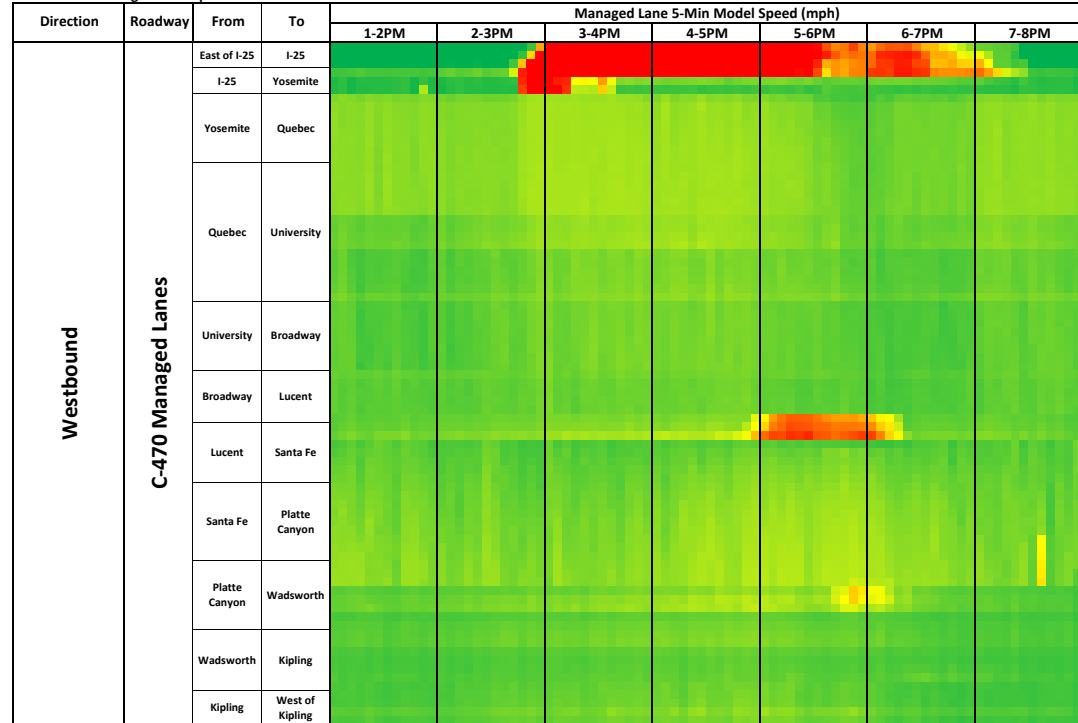


Table 5b  
Westbound General Purpose Lane Speed

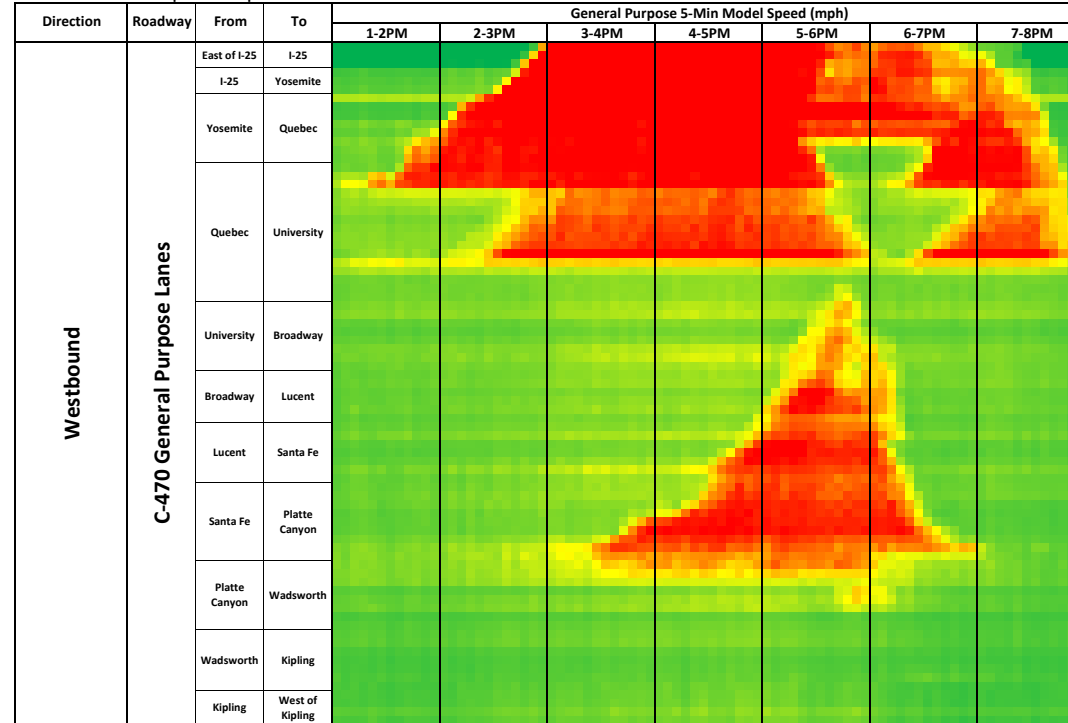


Table 5c  
Eastbound Managed Lane Speed

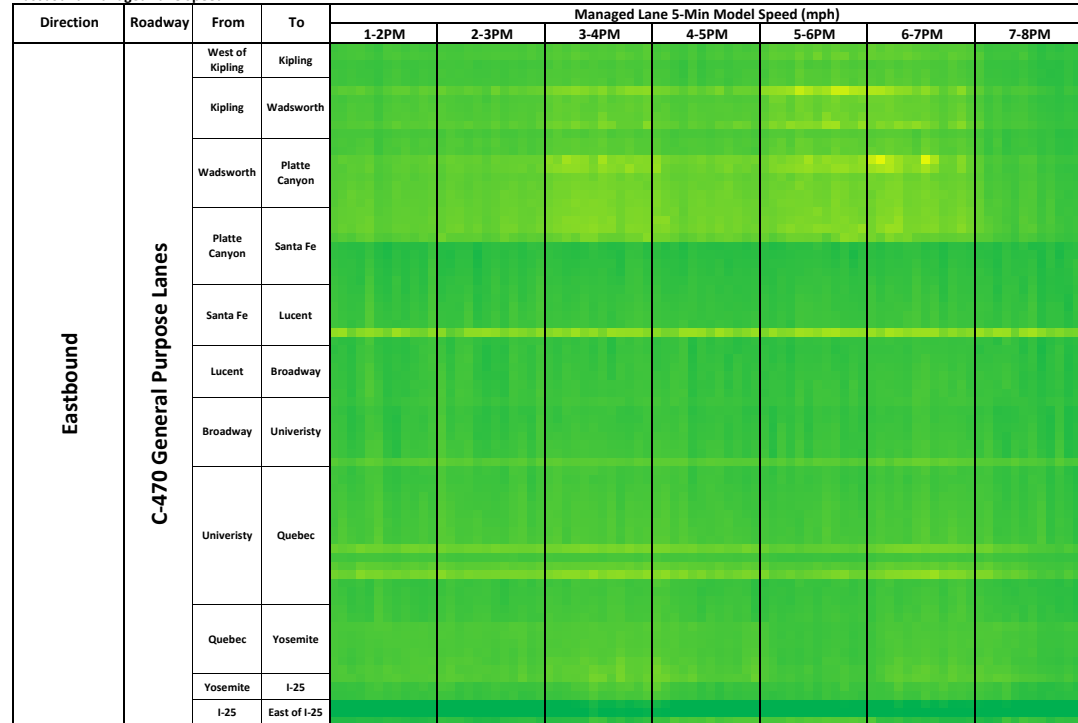


Table 5d  
Eastbound General Purpose Lane Speed

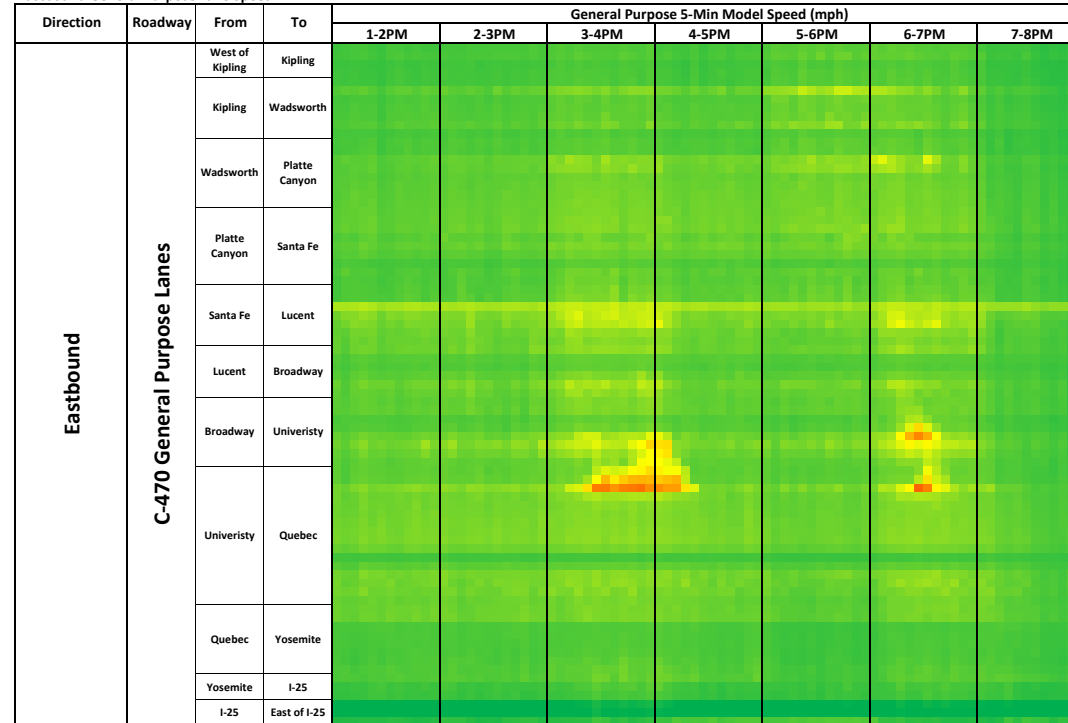


Table 5e  
NB I-25 Speed

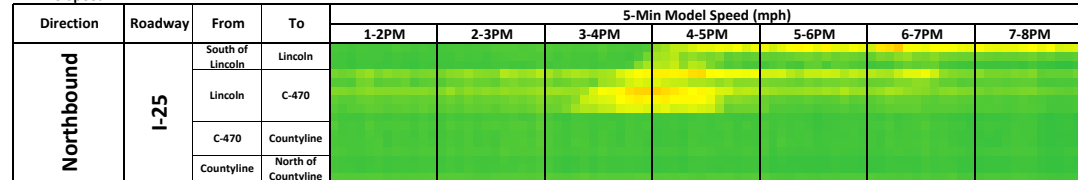


Table 5f  
SB I-25 Speed

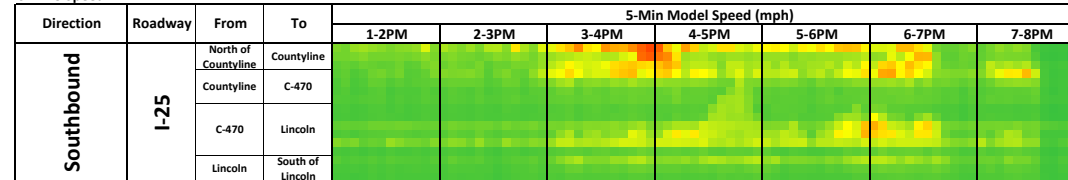




Table 6a  
Westbound Managed Lane Volume

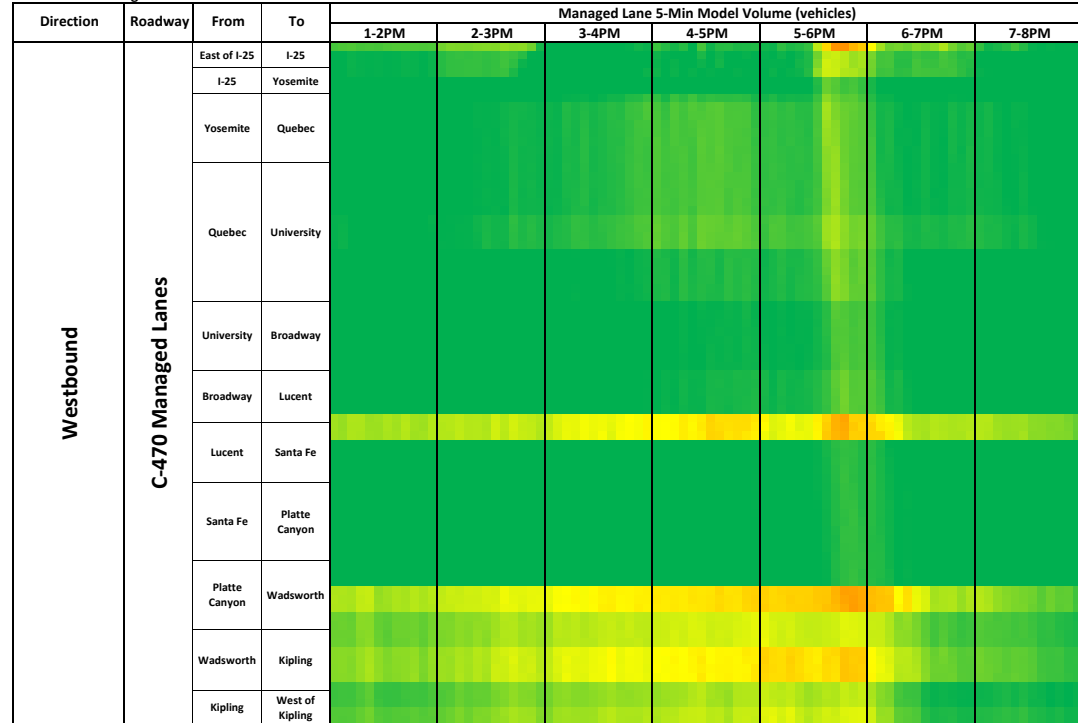


Table 6b  
Westbound General Purpose Lane Volume

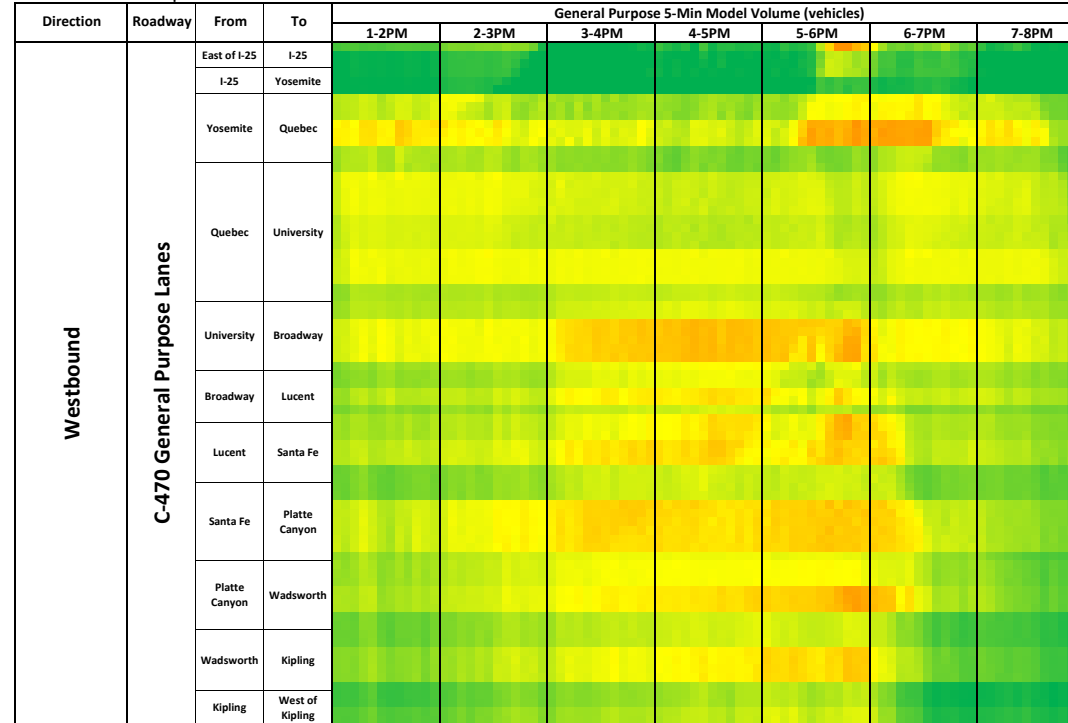


Table 6c  
Eastbound Managed Lane Volume

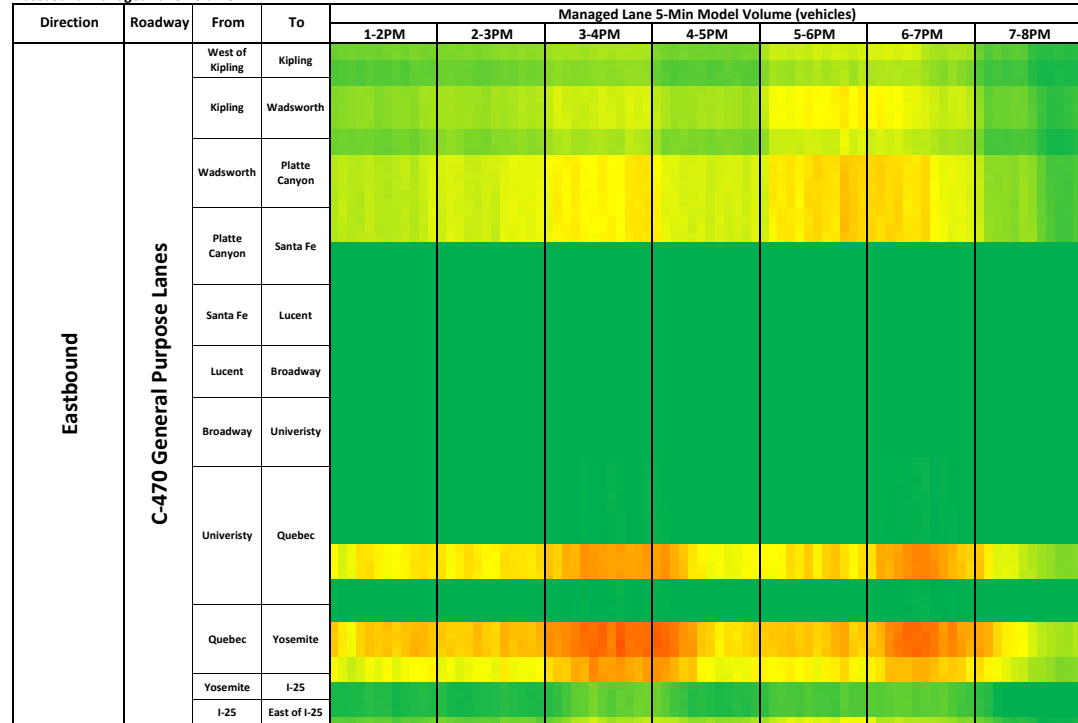


Table 6d  
Eastbound General Purpose Lane Volume

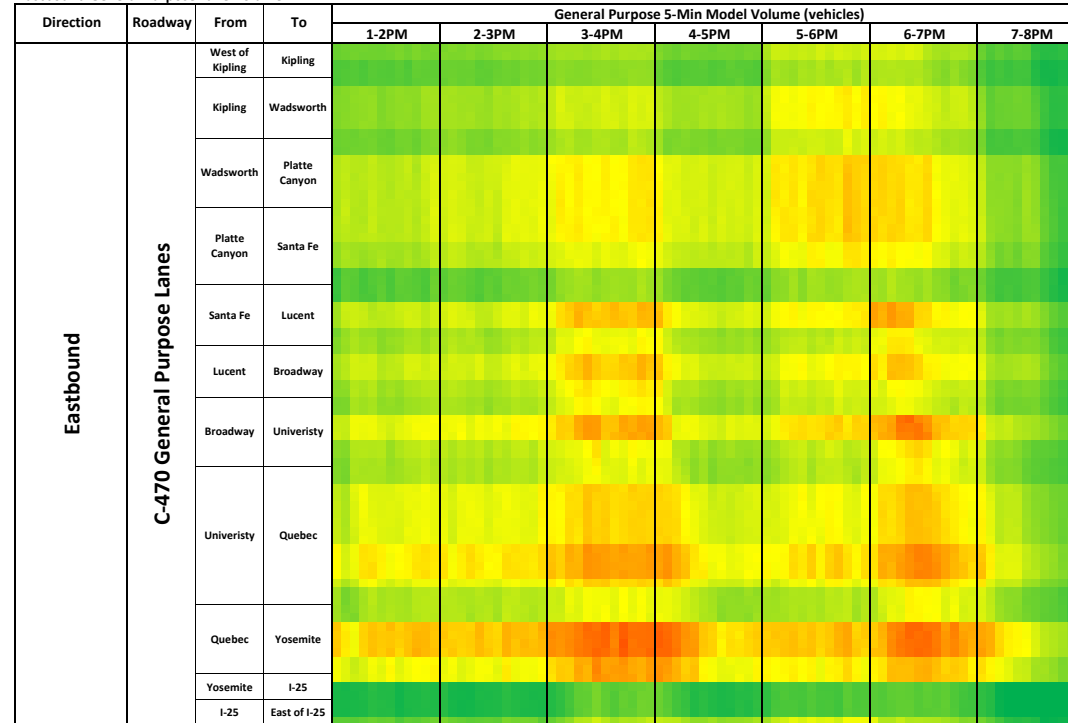


Table 6e  
NB I-25 Volume

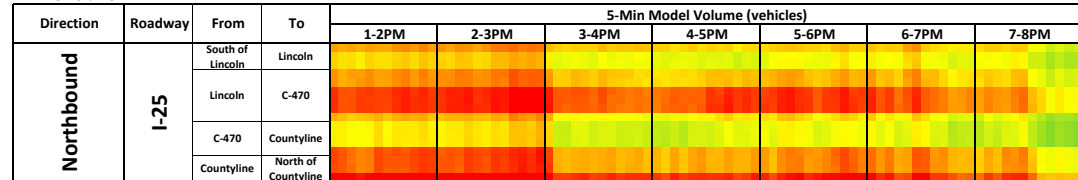


Table 6f  
SB I-25 Volume

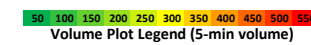
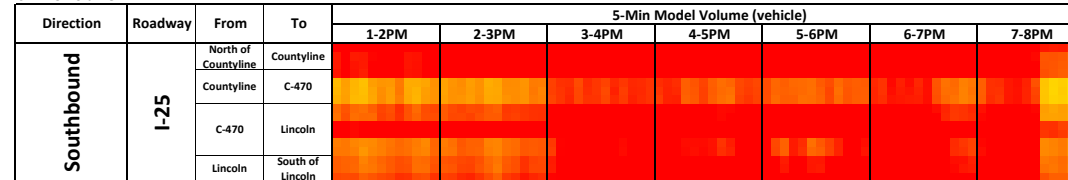


Table 6a  
Westbound Managed Lane Volume

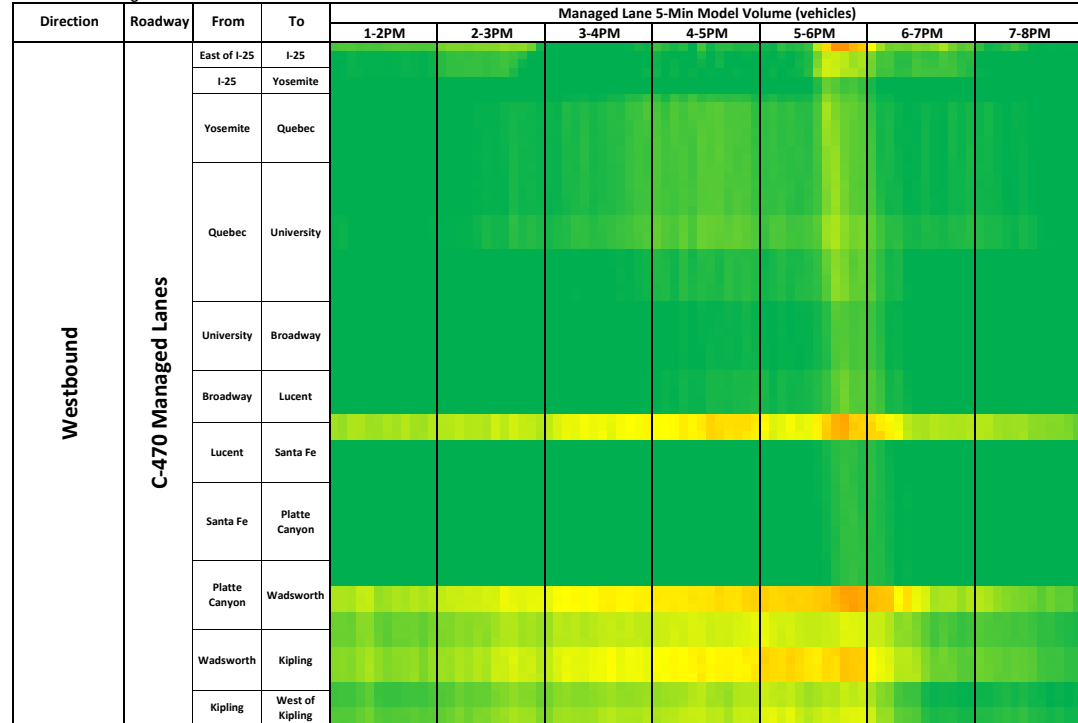


Table 6b  
Westbound General Purpose Lane Volume

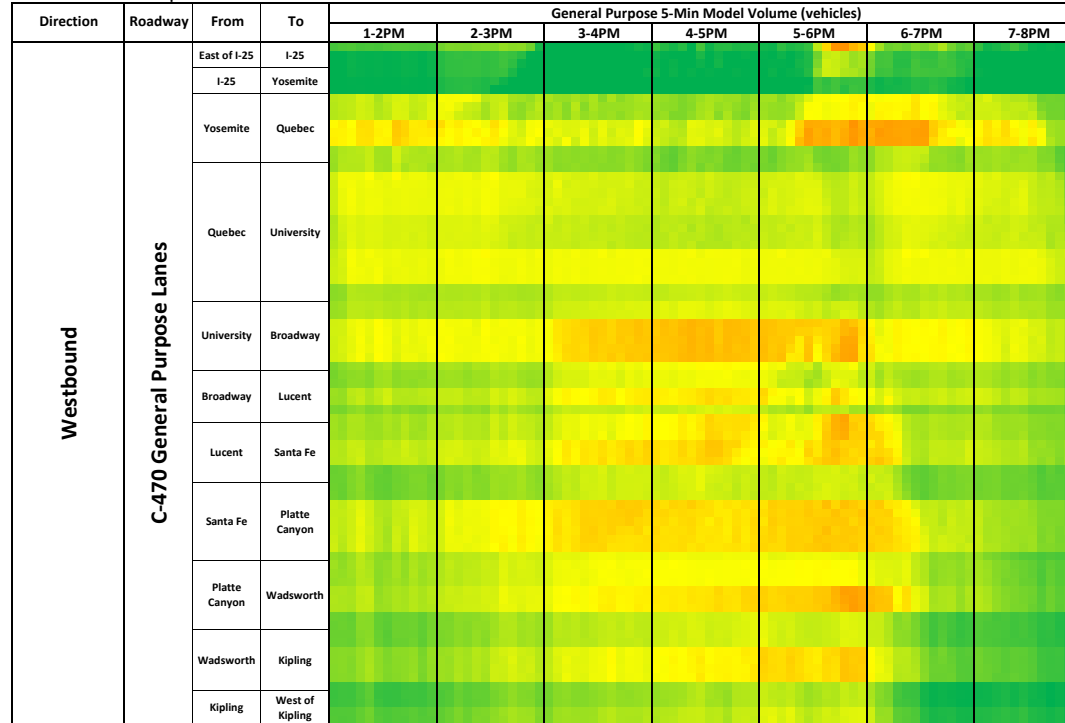


Table 6c  
Eastbound Managed Lane Volume

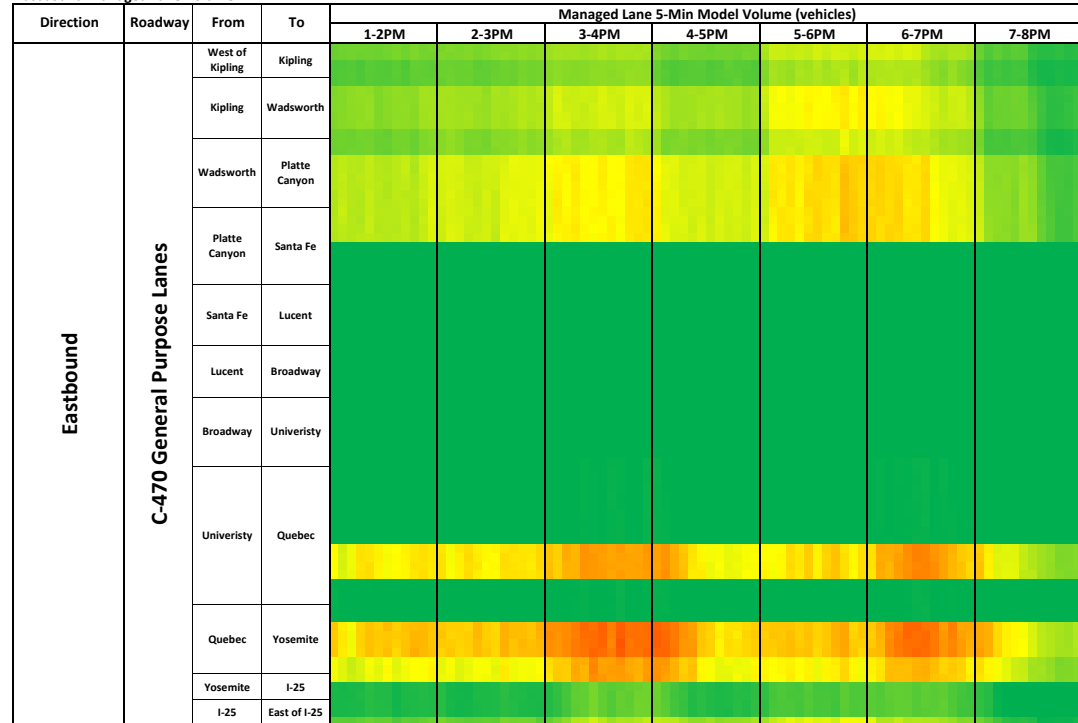


Table 6d  
Eastbound General Purpose Lane Volume

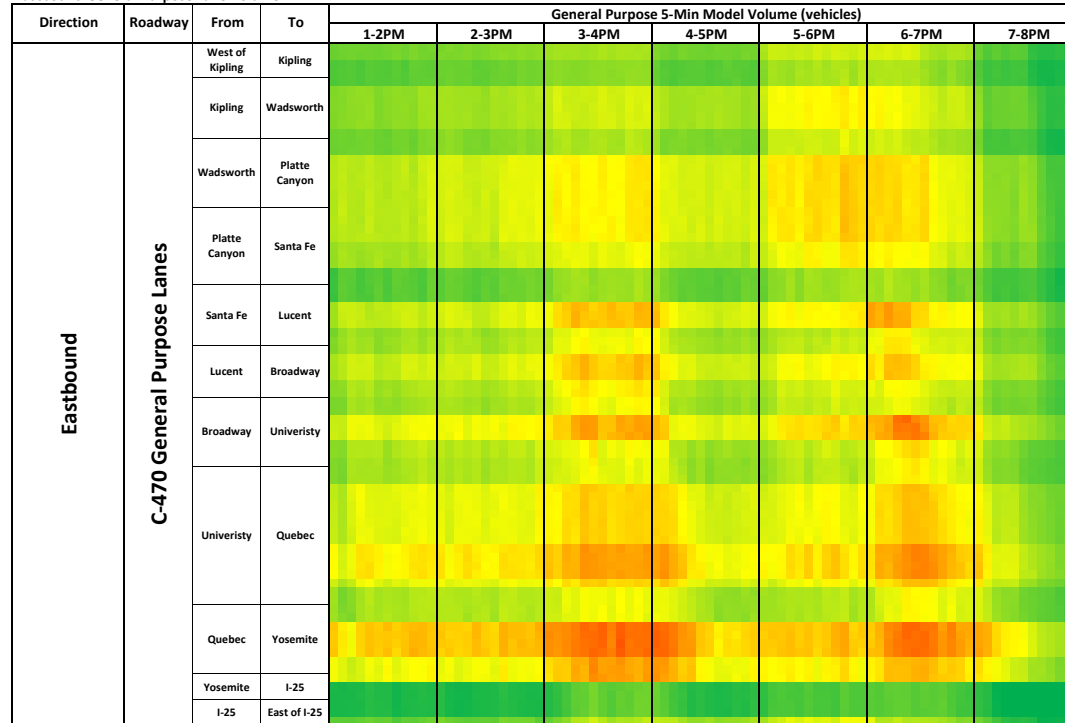


Table 6e  
NB I-25 Volume

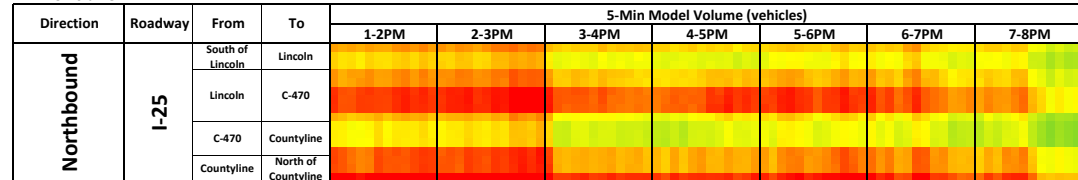
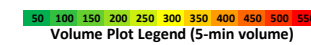
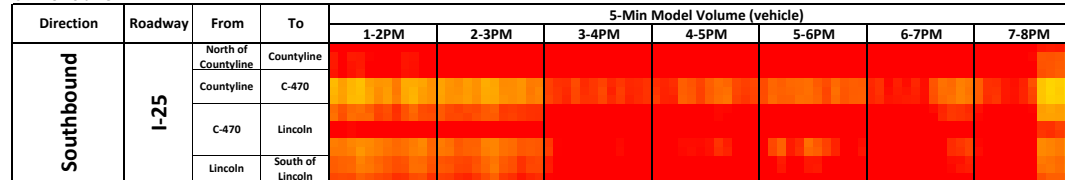


Table 6f  
SB I-25 Volume



# **Appendix I**

## **Option C Interim Extended to Kipling 2025 PM**

**Table 1**  
**Network Summary**

Run#	Total VMT (veh-mi)	Total VHT (veh-hr)	Avg Spd (mph)	Avg Delay (s)	Latent Demand	Total Revenue (2013\$)
run1	1,694,810	46,366	36.55	133	11,291	\$40,537
run2	1,684,505	45,965	36.65	131	11,852	\$40,050
run3	1,686,219	48,671	34.65	154	12,127	\$44,139
run4	1,692,270	48,564	34.85	152	10,778	\$39,962
run5	1,694,323	48,568	34.89	151	9,984	\$42,512
run6						
run7						
run8						
run9						
run10						
Average	1,690,425	47,627	35.52	144	11,206	\$41,440

Revenue and Transaction by User Class

	Transponder	License Plate	Total
Revenue	\$24,518.00	\$16,921.90	\$41,439.90
Transaction	9,046	4,824	13,870
Avg Toll	\$2.71	\$3.51	\$2.99

Minimum Number of Runs Needed:

	Mean	Speed (mph)	Revenue (\$)
		35.52	41,440
Standard Deviation		1.00	1828
Target Error %	1.0%	31	75
	2.5%	5	12
	3.5%	3	7
	5.0%	2	3
	10.0%	1	1

Table 2a  
Westbound Travel Time

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>WB C-470 - Managed Lane</b>	I-25	Yosemite	0.622	0.6	0.6	0.6	0.6	13.3	7.5	2.8	2.6	2.4	0.9	1.7	1.0	1.1	0.6
	Yosemite	Quebec	1.401	1.5	1.5	1.4	1.5	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.5	1.5
	Quebec	Colorado	2.063	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.2	2.1	2.1	2.1	2.2	2.2
	Colorado	University	1.030	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0
	University	Broadway	1.489	1.5	1.4	1.5	1.5	1.5	1.6	1.5	1.6	1.5	1.5	1.4	1.4	1.5	1.5
	Broadway	Lucent	1.181	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	Lucent	Santa Fe	1.403	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.4
	Santa Fe	Platte Canyon	1.581	1.7	1.6	1.6	1.7	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6
	Platte Canyon	Wadsworth	1.529	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6
	Wadsworth	Kipling	1.454	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.5	1.5	1.5
	Total		13.754	14.2	13.9	14.0	14.3	27.2	21.3	16.7	16.7	16.3	14.6	15.2	14.4	14.5	14.2
<b>WB C-470 - General Purpose Lanes</b>	I-25	Yosemite	0.622	0.6	0.6	1.0	14.6	37.4	42.4	33.5	28.4	21.3	4.4	5.7	5.1	5.8	0.6
	Yosemite	Quebec	1.401	1.4	2.0	5.3	9.0	10.4	11.2	11.5	11.9	9.5	4.2	4.3	7.0	6.7	2.5
	Quebec	Colorado	2.063	2.3	3.1	3.8	5.4	7.2	7.8	8.5	8.5	7.4	4.5	2.6	4.5	5.8	4.6
	Colorado	University	1.030	1.2	1.2	1.2	1.4	1.4	1.4	1.4	1.4	1.4	2.2	1.2	1.3	1.4	1.3
	University	Broadway	1.489	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	2.3	4.0	2.2	1.5	1.6	1.5
	Broadway	Lucent	1.181	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.4	4.4	5.1	3.3	1.2	1.2	1.2
	Lucent	Santa Fe	1.403	1.4	1.4	1.4	1.5	1.5	1.6	1.6	3.3	6.3	5.4	4.0	1.4	1.4	1.4
	Santa Fe	Platte Canyon	1.581	1.6	1.6	1.7	1.7	1.8	2.6	3.7	5.1	5.1	4.7	4.5	2.4	1.7	1.6
	Platte Canyon	Wadsworth	1.529	1.6	1.6	1.6	1.6	1.7	1.8	1.9	1.9	1.9	1.9	1.8	1.6	1.6	1.5
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4
	Total		13.540	14.3	15.5	20.2	39.5	65.8	73.1	66.6	65.1	61.2	37.9	31.0	27.3	28.5	17.6
<b>WB C-470 - Travel Time Saving</b>	I-25	Yosemite	0.622	0.0	0.1	0.4	14.0	24.1	34.9	30.7	25.7	18.9	3.5	4.0	4.0	4.7	0.0
	Yosemite	Quebec	1.401	0.0	0.5	3.9	7.5	8.8	9.6	9.9	10.4	8.0	2.9	2.9	5.5	5.2	1.0
	Quebec	Colorado	2.063	0.1	0.9	1.6	3.2	4.9	5.5	6.2	6.2	5.2	2.4	0.5	2.4	3.5	2.4
	Colorado	University	1.030	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.4	1.1	0.2	0.3	0.3	0.3
	University	Broadway	1.489	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.8	2.5	0.7	0.1	0.1	0.0
	Broadway	Lucent	1.181	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	3.2	3.9	2.2	0.0	0.0	0.0
	Lucent	Platte Canyon	1.403	0.0	0.0	0.0	0.1	0.1	0.2	0.2	1.9	4.9	3.9	2.5	0.0	0.1	0.0
	Platte Canyon	Santa Fe	1.581	0.0	0.0	0.0	0.1	0.2	0.9	2.0	3.4	3.4	2.9	2.8	0.7	0.1	-0.1
	Santa Fe	Wadsworth	1.529	-0.1	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.2	0.3	0.1	0.0	0.0	-0.1
	Wadsworth	Kipling	1.454	-0.1	-0.1	-0.1	-0.1	-0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
	Total		13.540	0.0	1.6	6.2	25.2	38.6	51.8	49.8	48.4	44.9	23.3	15.8	12.9	14.0	3.4

**Table 2b  
Eastbound Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>EB C-470 - Managed Lane</b>	Kipling	Wadsworth	1.454	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.4	1.5	1.5	1.5	1.5	1.4	1.4
	Wadsworth	Platte Canyon	1.530	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.5	1.4
	Platte Canyon	Santa Fe	1.569	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Santa Fe	Lucent	1.403	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Lucent	Broadway	1.204	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	Broadway	University	1.473	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	University	Colorado	1.026	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Colorado	Quebec	2.068	1.9	1.9	2.0	1.9	2.0	2.0	2.0	1.9	2.0	1.9	2.0	2.0	1.9	1.9
	Quebec	Yosemite	1.388	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>13.0</b>	<b>13.0</b>	<b>13.1</b>	<b>13.1</b>	<b>13.3</b>	<b>13.3</b>	<b>13.2</b>	<b>13.1</b>	<b>13.2</b>	<b>13.3</b>	<b>13.4</b>	<b>13.3</b>	<b>13.0</b>	<b>12.8</b>
<b>EB C-470 - General Purpose Lanes</b>	Kipling	Wadsworth	1.454	1.4	1.4	1.4	1.4	1.5	1.5	1.4	1.4	1.5	1.5	1.5	1.5	1.4	1.4
	Wadsworth	Platte Canyon	1.530	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.5	1.4
	Platte Canyon	Santa Fe	1.569	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5
	Santa Fe	Lucent	1.403	1.4	1.4	1.5	1.4	1.6	1.6	1.5	1.5	1.5	1.5	1.6	1.5	1.4	1.4
	Lucent	Broadway	1.204	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.2	1.2	1.2	1.3	1.2	1.2	1.1
	Broadway	University	1.473	1.5	1.5	1.5	1.5	1.6	1.8	1.7	1.5	1.5	1.5	1.8	2.1	1.5	1.4
	University	Colorado	1.026	1.1	1.0	1.1	1.1	1.1	1.6	1.5	1.0	1.0	1.0	1.1	1.3	1.0	1.0
	Colorado	Quebec	2.068	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.1	2.2	2.2	2.1	2.0
	Quebec	Yosemite	1.388	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.4	1.4	1.4	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>13.7</b>	<b>13.8</b>	<b>13.9</b>	<b>13.9</b>	<b>14.5</b>	<b>15.2</b>	<b>14.7</b>	<b>13.9</b>	<b>13.9</b>	<b>14.1</b>	<b>14.7</b>	<b>15.0</b>	<b>13.6</b>	<b>13.1</b>
<b>EB C-470 - Travel Time Saving</b>	Kipling	Wadsworth	1.454	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Wadsworth	Platte Canyon	1.530	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Platte Canyon	Santa Fe	1.569	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
	Santa Fe	Lucent	1.403	0.1	0.1	0.1	0.1	0.3	0.3	0.2	0.1	0.1	0.2	0.2	0.2	0.1	0.1
	Lucent	Broadway	1.204	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.0
	Broadway	University	1.473	0.1	0.1	0.1	0.1	0.2	0.4	0.3	0.1	0.1	0.1	0.4	0.6	0.1	0.0
	University	Colorado	1.026	0.1	0.1	0.1	0.1	0.1	0.6	0.5	0.1	0.1	0.1	0.2	0.3	0.1	0.0
	Colorado	Quebec	2.068	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.1
	Quebec	Yosemite	1.388	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.0
	Yosemite	I-25	0.635	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>Total</b>		<b>13.749</b>	<b>0.7</b>	<b>0.7</b>	<b>0.8</b>	<b>0.8</b>	<b>1.2</b>	<b>1.8</b>	<b>1.5</b>	<b>0.8</b>	<b>0.6</b>	<b>0.8</b>	<b>1.4</b>	<b>1.7</b>	<b>0.6</b>	<b>0.3</b>

**Table 2c**  
**I-25 Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)														
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00	
<b>NB I-25</b>	Lincoln	C-470	1.323	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2
	C-470	Countyline	0.761	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
	Total		2.084	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9
<b>SB I-25</b>	Countyline	C-470	0.761	0.8	0.8	0.8	0.8	1.0	1.1	1.0	0.9	0.9	1.0	1.1	0.8	1.0	0.8	
	C-470	Lincoln	1.323	1.3	1.3	1.3	1.4	1.5	1.5	1.7	1.6	1.5	1.7	1.7	1.5	1.4	1.3	
	Total		2.084	2.1	2.1	2.1	2.2	2.4	2.6	2.7	2.6	2.4	2.6	2.8	2.3	2.4	2.1	

**Table 2d**  
**NB/SB I-25 Ramp to C-470 WB Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>NB I-25 - General Purpose</b>	Lincoln	Yosemite	1.963	2.3	2.3	2.5	4.1	7.0	12.9	15.5	10.6	5.0	2.7	2.8	2.9	2.7	2.2
	Yosemite	Quebec	1.402	1.4	2.0	5.3	8.9	10.4	11.1	11.5	11.9	9.5	4.2	4.3	7.0	6.7	2.5
	Total		3.365	3.7	4.3	7.9	13.0	17.4	24.1	27.0	22.6	14.5	7.0	7.1	9.9	9.4	4.8
<b>NB I-25 - Managed Lane</b>	Lincoln	Yosemite	1.967	2.3	2.2	2.3	2.5	4.2	9.5	11.0	6.6	2.8	2.4	2.4	2.3	2.3	2.2
	Yosemite	Quebec	1.398	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	Total		3.364	3.8	3.8	3.9	4.1	5.8	11.1	12.6	8.2	4.4	4.0	4.0	3.9	3.8	3.8
<b>SB I-25 - General Purpose</b>	Countyline	Yosemite	1.142	1.3	1.3	1.5	3.9	6.8	9.5	8.3	6.9	4.3	1.8	1.9	2.0	2.0	1.2
	Yosemite	Quebec	1.402	1.4	2.0	5.3	8.9	10.4	11.1	11.5	11.9	9.5	4.2	4.3	7.0	6.7	2.5
	Total		2.544	2.7	3.2	6.8	12.9	17.2	20.7	19.8	18.8	13.8	6.0	6.2	9.0	8.7	3.8
<b>SB I-25 - Managed Lane</b>	Countyline	Yosemite	1.187	1.3	1.3	1.3	1.3	1.4	1.5	1.5	1.4	1.4	1.4	1.5	1.3	1.4	1.3
	Yosemite	Quebec	1.398	1.5	1.5	1.4	1.5	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.5	1.5
	Total		2.585	2.8	2.8	2.7	2.8	3.0	3.0	3.0	2.9	2.9	2.8	2.9	2.7	2.9	2.8







Table 5a  
Westbound Managed Lane Speed

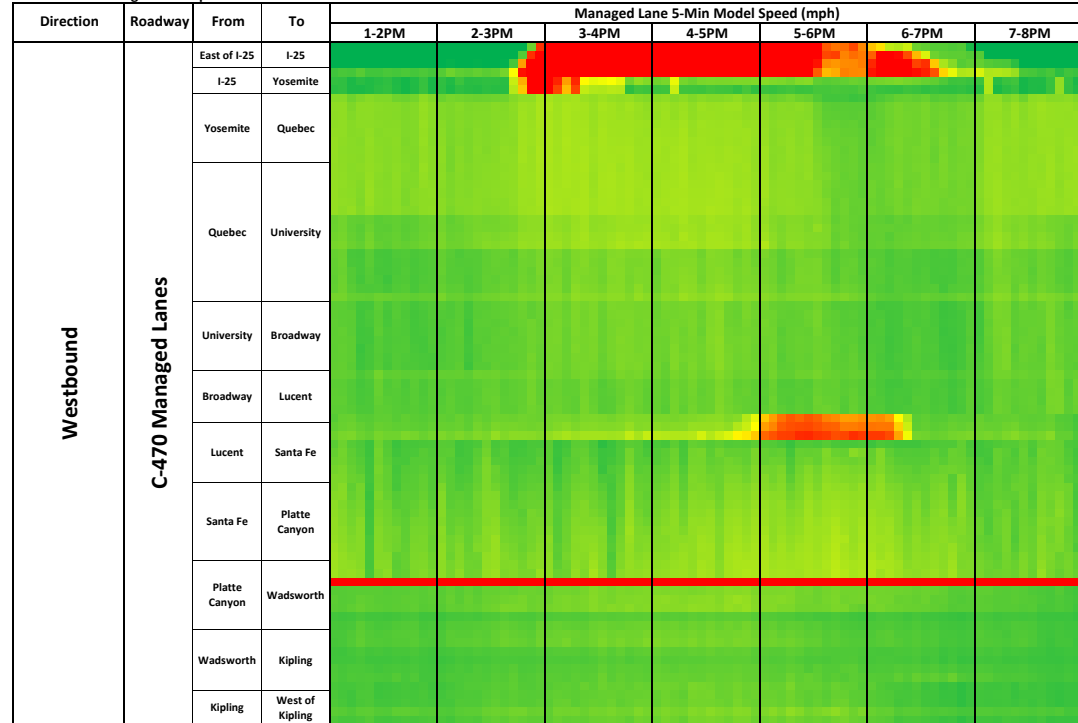


Table 5b  
Westbound General Purpose Lane Speed

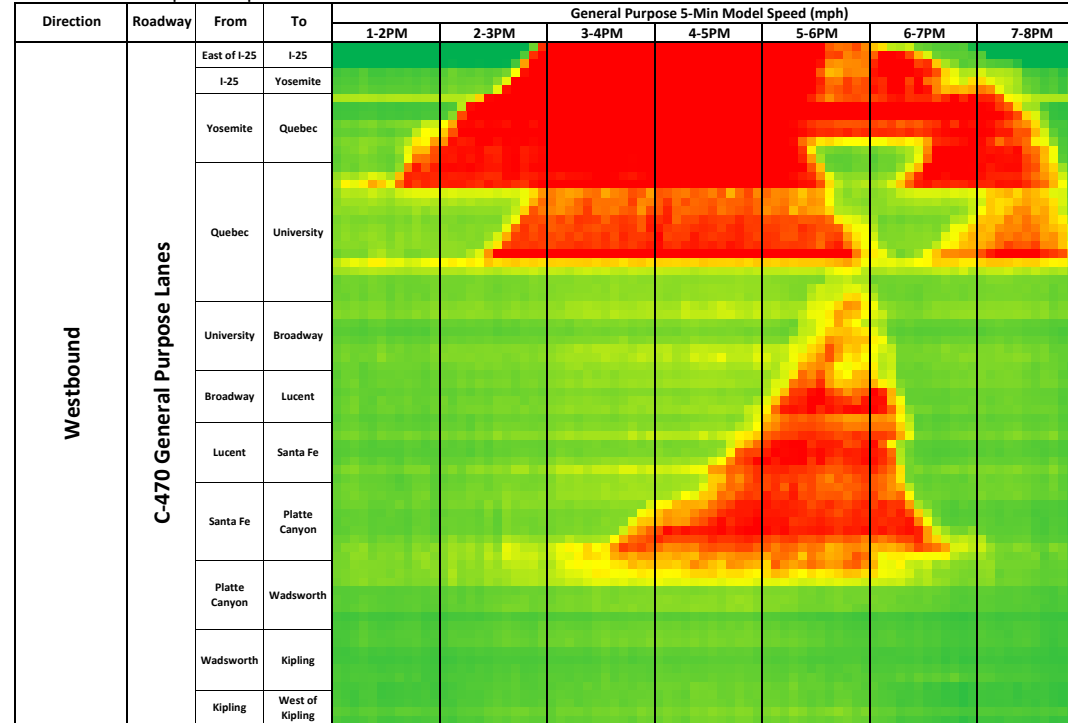


Table 5c  
Eastbound Managed Lane Speed

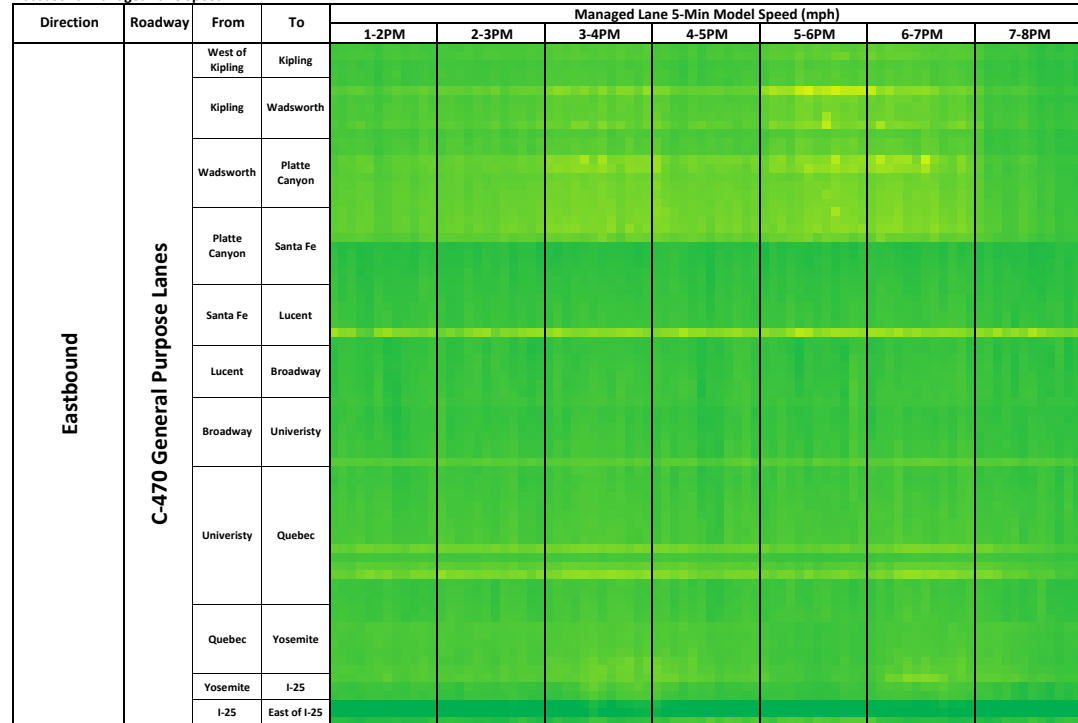


Table 5d  
Eastbound General Purpose Lane Speed

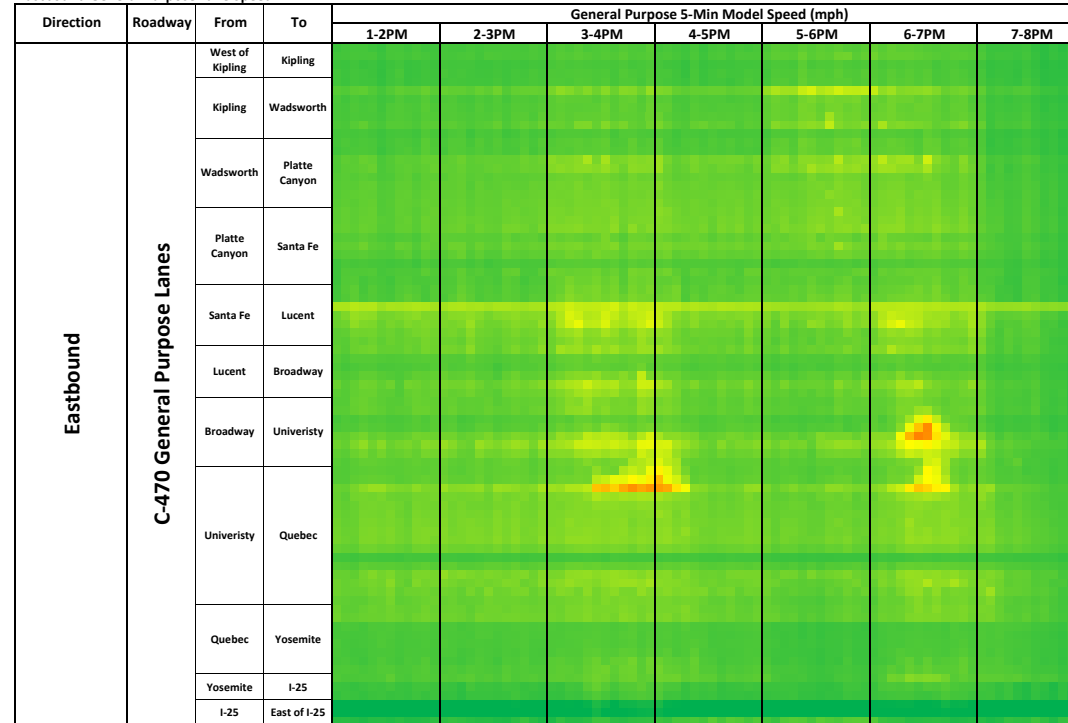


Table 5e  
NB I-25 Speed

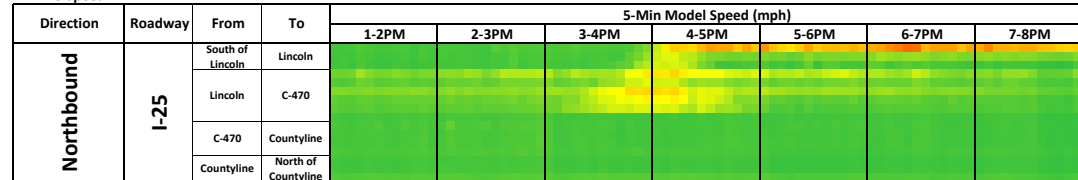


Table 5f  
SB I-25 Speed

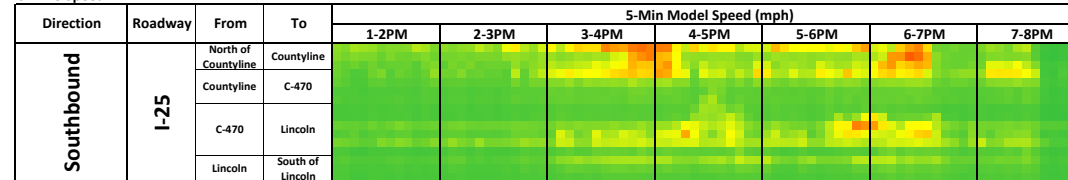


Table 6a  
Westbound Managed Lane Volume

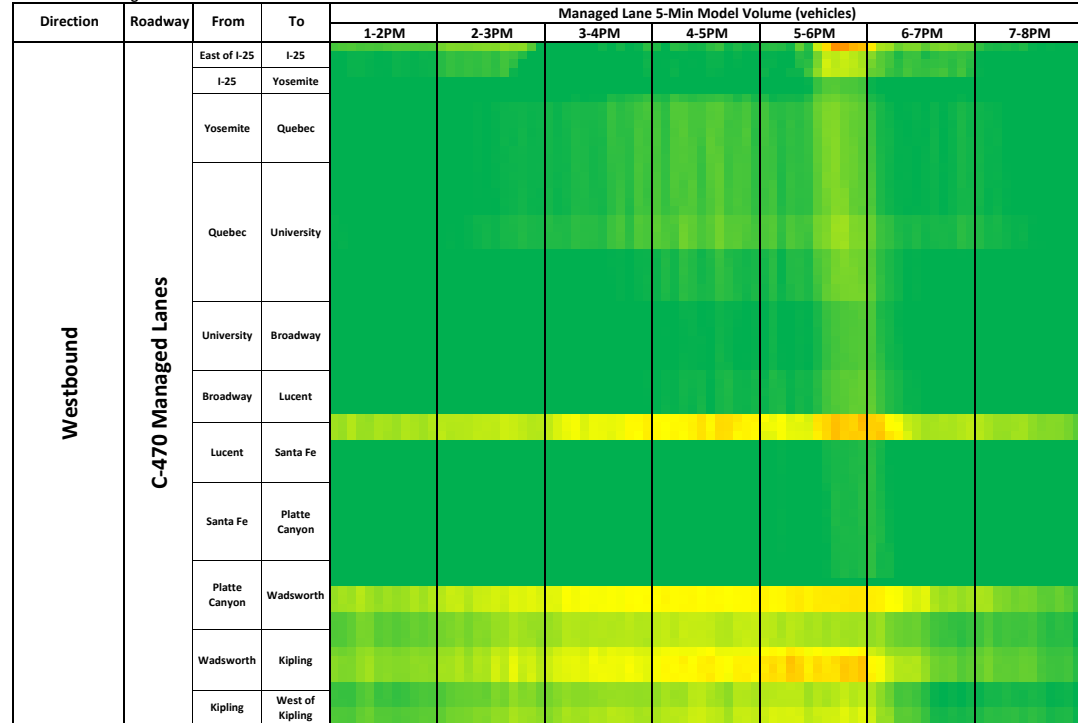


Table 6b  
Westbound General Purpose Lane Volume

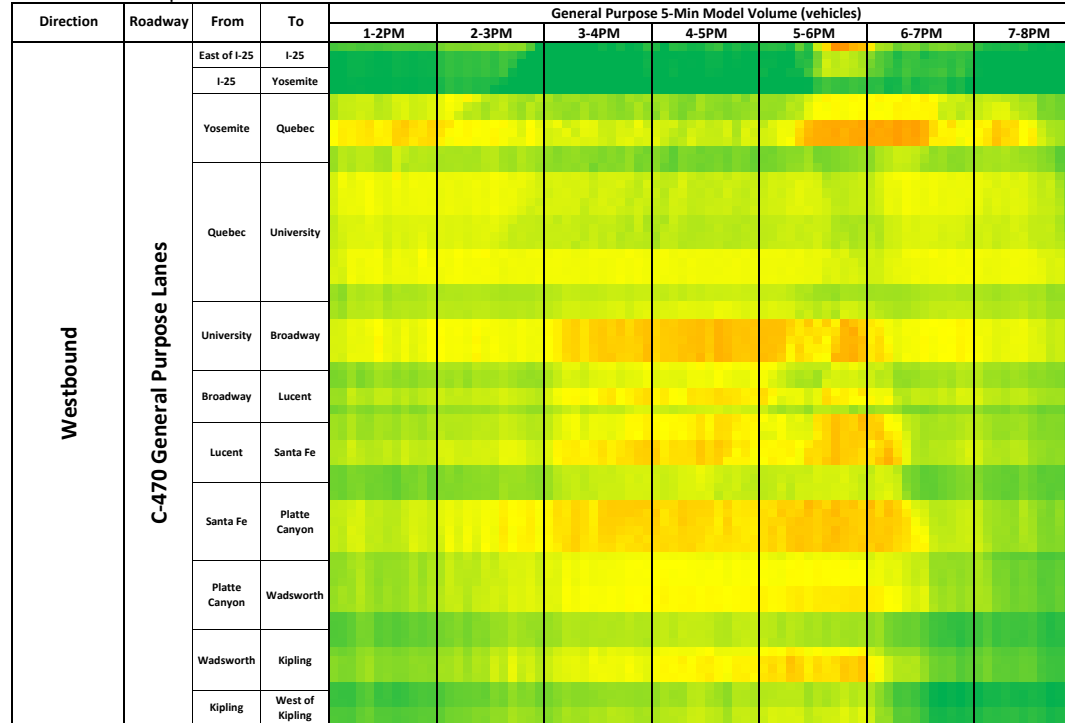


Table 6c  
Eastbound Managed Lane Volume

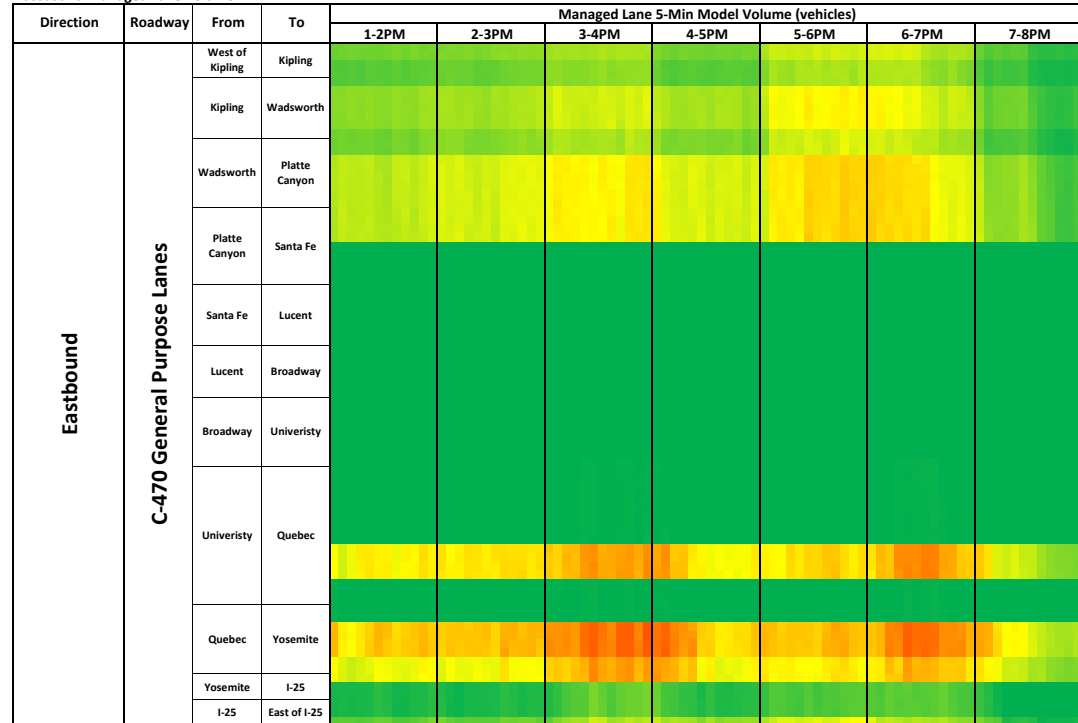


Table 6d  
Eastbound General Purpose Lane Volume

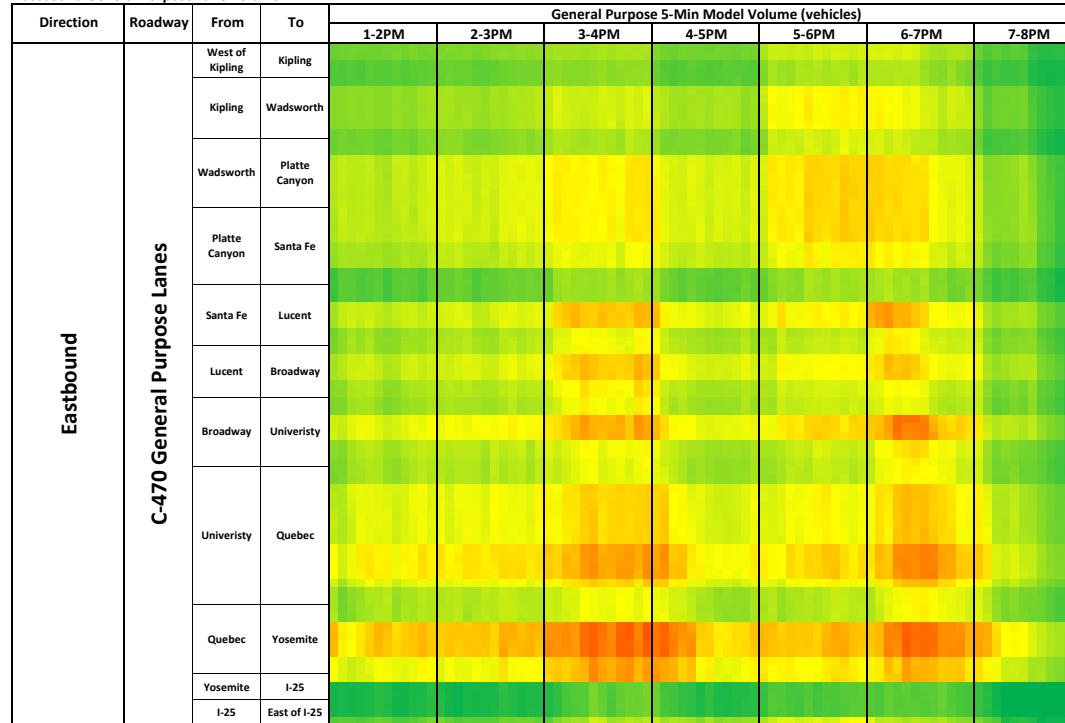


Table 6e  
NB I-25 Volume

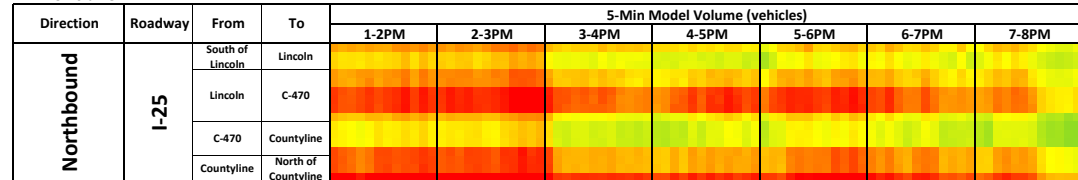
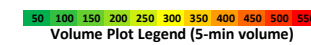
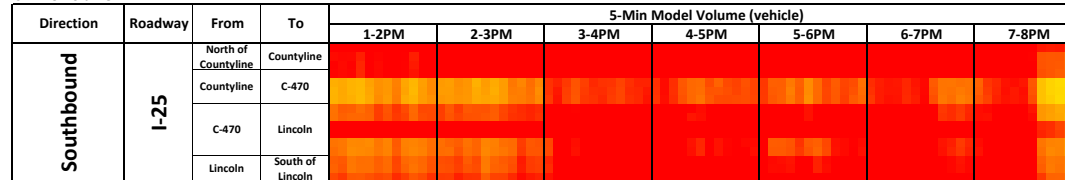


Table 6f  
SB I-25 Volume



## **Appendix J-1**

### **Option C Ultimate Dynamic Pricing 2035 AM**

**Table 1**  
**Network Summary**

Run#	Total VMT (veh-mi)	Total VHT (veh-hr)	Avg Spd (mph)	Avg Delay (s)	Latent Demand	Total Revenue (2013\$)
run1	1,727,840	55,502	31.13	218	13,979	\$62,353
run2	1,724,153	57,070	30.21	234	15,197	\$65,456
run3	1,724,995	57,533	29.98	237	13,827	\$65,334
run4	1,731,299	54,253	31.91	206	13,665	\$62,526
run5	1,727,763	56,189	30.75	224	13,889	\$61,198
run6						
run7						
run8						
run9						
run10						
Average	1,727,210	56,110	30.80	224	14,111	\$63,373

Revenue and Transaction by User Class

	Transponder	License Plate	Total
Revenue	\$43,585.90	\$19,787.30	\$63,373.20
Transaction	15,475	5,380	20,855
Avg Toll	\$2.82	\$3.68	\$3.04

Minimum Number of Runs Needed:

	Mean	Speed (mph)	Revenue (\$)
		30.80	63,373
Standard Deviation		0.77	1915
Target Error %	1.0%	24	36
	2.5%	4	6
	3.5%	2	3
	5.0%	1	2
	10.0%	1	1

Table 2a  
Westbound Travel Time

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
WB C-470 - Managed Lane	I-25	Yosemite	0.622	0.6	0.9	1.1	1.1	1.4	1.4	1.3	0.7	0.6	0.6	0.6	0.6	0.6	0.6
	Yosemite	Quebec	1.401	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	Quebec	Colorado	2.063	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	Colorado	University	1.030	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	University	Broadway	1.489	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.4	1.5	1.4
	Broadway	Lucent	1.181	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	Lucent	Santa Fe	1.403	1.4	1.3	1.4	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	Santa Fe	Platte Canyon	1.581	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.6	1.7	1.6	1.6	1.6
	Platte Canyon	Wadsworth	1.529	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.6
	Wadsworth	Kipling	1.454	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Total		13.754	13.8	14.0	14.2	14.0	14.4	14.4	14.4	14.2	14.0	14.0	14.1	14.0	13.9	13.8
WB C-470 - General Purpose Lanes	I-25	Yosemite	0.622	0.6	1.1	1.8	1.1	1.1	1.2	1.3	0.9	0.6	0.6	0.6	0.6	0.6	0.6
	Yosemite	Quebec	1.401	1.4	2.6	5.7	2.5	1.6	1.6	1.8	3.2	1.4	1.4	1.4	1.4	1.4	1.4
	Quebec	Colorado	2.063	2.1	3.2	4.6	5.7	4.4	2.5	2.4	2.2	2.1	2.1	2.1	2.2	2.3	2.2
	Colorado	University	1.030	1.1	1.2	1.3	1.3	1.3	1.1	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	University	Broadway	1.489	1.5	1.7	1.7	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.5
	Broadway	Lucent	1.181	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	Lucent	Santa Fe	1.403	1.4	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	Santa Fe	Platte Canyon	1.581	1.5	1.7	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.6	1.6	1.6
	Platte Canyon	Wadsworth	1.529	1.5	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Wadsworth	Kipling	1.454	1.4	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	Total		13.540	13.7	17.2	22.5	19.5	17.1	15.1	15.3	15.9	13.7	13.6	13.5	14.0	14.2	14.0
WB C-470 - Travel Time Saving	I-25	Yosemite	0.622	0.0	0.2	0.7	0.0	-0.2	-0.2	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.1
	Yosemite	Quebec	1.401	0.0	1.2	4.3	1.1	0.2	0.3	0.4	1.8	0.0	-0.1	-0.1	0.0	0.0	0.0
	Quebec	Colorado	2.063	-0.1	1.0	2.5	3.7	2.4	0.5	0.3	0.1	-0.1	-0.1	-0.1	0.0	0.1	0.0
	Colorado	University	1.030	0.0	0.2	0.3	0.4	0.3	0.2	0.2	0.1	0.1	0.0	0.1	0.1	0.1	0.1
	University	Broadway	1.489	0.1	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1
	Broadway	Lucent	1.181	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Lucent	Platte Canyon	1.403	0.0	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Platte Canyon	Santa Fe	1.581	-0.1	0.1	0.0	0.1	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.0
	Santa Fe	Wadsworth	1.529	-0.1	0.1	0.0	0.0	-0.1	-0.1	-0.1	-0.2	-0.1	-0.1	-0.2	-0.1	0.0	0.0
	Wadsworth	Kipling	1.454	-0.1	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.2	-0.1	-0.1	-0.2	-0.1	-0.1	-0.1
	Total		13.540	-0.2	3.3	8.3	5.6	2.7	0.7	0.9	1.7	-0.3	-0.4	-0.6	0.0	0.3	0.2

**Table 2b**  
**Eastbound Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>EB C-470 - Managed Lane</b>	Kipling	Wadsworth	1.454	1.4	1.8	3.6	2.9	3.2	3.5	3.1	3.3	2.8	2.1	1.3	1.4	1.3	1.3
	Wadsworth	Platte Canyon	1.530	1.4	1.5	1.5	1.7	1.7	1.7	1.6	2.2	2.1	1.6	1.5	1.5	1.4	1.4
	Platte Canyon	Santa Fe	1.569	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.7	1.8	1.6	1.5	1.5	1.5	1.5
	Santa Fe	Lucent	1.403	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3
	Lucent	Broadway	1.204	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1
	Broadway	University	1.473	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3
	University	Colorado	1.026	0.9	0.9	0.9	1.0	1.0	1.0	1.2	1.0	1.0	1.0	0.9	0.9	0.9	0.9
	Colorado	Quebec	2.068	1.9	1.9	1.9	1.9	1.9	2.1	5.6	2.0	1.9	1.9	1.9	1.9	1.9	1.9
	Quebec	Yosemite	1.388	1.3	1.3	1.3	1.3	1.3	2.2	2.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>12.8</b>	<b>13.3</b>	<b>15.3</b>	<b>14.9</b>	<b>15.2</b>	<b>16.5</b>	<b>19.6</b>	<b>16.1</b>	<b>15.5</b>	<b>14.0</b>	<b>12.9</b>	<b>12.8</b>	<b>12.7</b>	<b>12.7</b>
<b>EB C-470 - General Purpose Lanes</b>	Kipling	Wadsworth	1.454	1.4	4.7	12.6	12.4	15.5	15.5	12.2	16.5	21.2	8.4	1.5	1.4	1.4	1.4
	Wadsworth	Platte Canyon	1.530	1.5	3.2	3.8	6.6	8.8	5.9	4.1	8.7	12.3	3.3	1.8	1.6	1.6	1.6
	Platte Canyon	Santa Fe	1.569	1.6	1.6	3.9	9.4	10.9	6.1	7.5	18.6	12.6	2.0	1.6	1.6	1.6	1.6
	Santa Fe	Lucent	1.403	1.5	2.3	8.5	10.5	10.7	7.8	11.4	22.2	9.8	4.0	1.6	1.5	1.5	1.5
	Lucent	Broadway	1.204	1.3	2.8	5.4	6.3	5.5	5.0	7.6	11.9	3.7	3.6	1.6	1.3	1.3	1.3
	Broadway	University	1.473	1.5	2.8	6.9	7.0	6.8	6.3	11.2	11.6	5.3	5.4	2.8	1.6	2.0	2.7
	University	Colorado	1.026	1.1	2.1	2.7	2.8	2.7	2.6	8.6	3.1	2.7	2.6	2.1	1.7	2.6	2.7
	Colorado	Quebec	2.068	2.1	2.2	2.2	2.1	2.1	3.9	12.0	2.3	2.2	2.2	2.2	2.2	2.2	2.2
	Quebec	Yosemite	1.388	1.4	1.4	1.5	1.6	1.6	11.2	6.8	2.0	1.4	1.4	1.4	1.4	1.4	1.4
	Yosemite	I-25	0.635	0.6	0.7	0.7	0.9	0.8	1.2	0.9	0.7	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>14.1</b>	<b>23.8</b>	<b>48.3</b>	<b>59.5</b>	<b>65.6</b>	<b>65.5</b>	<b>82.3</b>	<b>97.8</b>	<b>71.8</b>	<b>33.5</b>	<b>17.1</b>	<b>14.8</b>	<b>16.2</b>	<b>17.0</b>
<b>EB C-470 - Travel Time Saving</b>	Kipling	Wadsworth	1.454	0.0	2.9	9.0	9.5	12.3	12.1	9.2	13.2	18.4	6.2	0.2	0.1	0.1	0.1
	Wadsworth	Platte Canyon	1.530	0.1	1.7	2.3	4.9	7.2	4.2	2.4	6.5	10.2	1.7	0.3	0.1	0.2	0.1
	Platte Canyon	Santa Fe	1.569	0.1	0.1	2.4	7.8	9.3	4.5	6.0	16.9	10.8	0.5	0.1	0.1	0.2	0.1
	Santa Fe	Lucent	1.403	0.2	1.0	7.2	9.1	9.3	6.4	10.0	20.8	8.4	2.5	0.2	0.2	0.2	0.2
	Lucent	Broadway	1.204	0.1	1.6	4.3	5.1	4.4	3.8	6.4	10.7	2.6	2.4	0.4	0.1	0.2	0.2
	Broadway	University	1.473	0.2	1.4	5.6	5.7	5.4	4.9	9.8	10.2	3.9	4.0	1.4	0.2	0.6	1.4
	University	Colorado	1.026	0.2	1.2	1.7	1.8	1.8	1.7	7.5	2.2	1.7	1.6	1.2	0.7	1.7	1.8
	Colorado	Quebec	2.068	0.3	0.3	0.3	0.2	0.2	1.8	6.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3
	Quebec	Yosemite	1.388	0.1	0.2	0.2	0.3	0.3	9.0	4.8	0.7	0.1	0.1	0.1	0.1	0.1	0.1
	Yosemite	I-25	0.635	0.1	0.1	0.2	0.3	0.2	0.6	0.3	0.1	0.1	0.0	0.1	0.1	0.1	0.1
	<b>Total</b>		<b>13.749</b>	<b>1.3</b>	<b>10.5</b>	<b>33.1</b>	<b>44.6</b>	<b>50.3</b>	<b>49.0</b>	<b>62.7</b>	<b>81.7</b>	<b>56.4</b>	<b>19.5</b>	<b>4.2</b>	<b>2.0</b>	<b>3.5</b>	<b>4.3</b>

**Table 2c**  
**I-25 Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>NB I-25</b>	Lincoln	C-470	1.323	1.2	1.3	1.4	2.3	2.7	2.4	2.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	C-470	Countyline	0.761	0.7	0.7	0.8	0.8	0.8	0.7	0.8	0.7	0.7	0.7	0.7	0.7	0.7	
	Total		2.084	1.9	2.0	2.1	3.0	3.4	3.2	2.8	2.0	2.0	2.0	2.0	2.0	2.0	
<b>SB I-25</b>	Countyline	C-470	0.761	0.7	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.8	0.7	0.7	0.8	0.8	
	C-470	Lincoln	1.323	1.2	1.3	1.3	1.4	2.7	2.7	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
	Total		2.084	1.9	2.0	2.0	2.2	3.4	3.5	2.0	2.0	2.1	2.0	2.0	2.1	2.1	

**Table 2d**  
**NB/SB I-25 Ramp to C-470 WB Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>NB I-25 - General Purpose</b>	Lincoln	Yosemite	1.963	2.2	2.4	2.5	3.7	5.6	4.6	4.2	2.3	2.3	2.2	2.2	2.3	2.3	
	Yosemite	Quebec	1.402	1.4	2.6	5.7	2.5	1.6	1.6	1.8	3.2	1.4	1.4	1.4	1.4	1.4	
	Total		3.365	3.5	5.0	8.2	6.1	7.2	6.2	6.0	5.5	3.7	3.6	3.6	3.7	3.7	
<b>NB I-25 - Managed Lane</b>	Lincoln	Yosemite	1.967	2.2	2.3	2.3	3.6	5.9	4.5	3.9	2.3	2.3	2.2	2.2	2.2	2.2	
	Yosemite	Quebec	1.398	1.6	1.6	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.5	
	Total		3.364	3.7	3.9	3.9	5.2	7.4	6.1	5.5	3.9	3.9	3.8	3.8	3.8	3.8	
<b>SB I-25 - General Purpose</b>	Countyline	Yosemite	1.142	1.2	1.3	1.4	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	
	Yosemite	Quebec	1.402	1.4	2.6	5.7	2.5	1.6	1.6	1.8	3.2	1.4	1.4	1.4	1.4	1.4	
	Total		2.544	2.6	3.9	7.1	3.7	2.8	2.8	3.0	4.4	2.6	2.6	2.6	2.7	2.7	
<b>SB I-25 - Managed Lane</b>	Countyline	Yosemite	1.187	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
	Yosemite	Quebec	1.398	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	
	Total		2.585	2.6	2.7	2.7	2.7	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.8	2.8	





Table 4

Posted Toll Log

Table with columns for From Time, To Time, and various license plate user categories: Westbound Transponder Users, Eastbound Transponder Users, Westbound License Plate Users, and Eastbound License Plate Users. Each category includes sub-columns for specific regions like From NB I-25 to, From E-470 to, etc.

Table 5a  
Westbound Managed Lane Speed

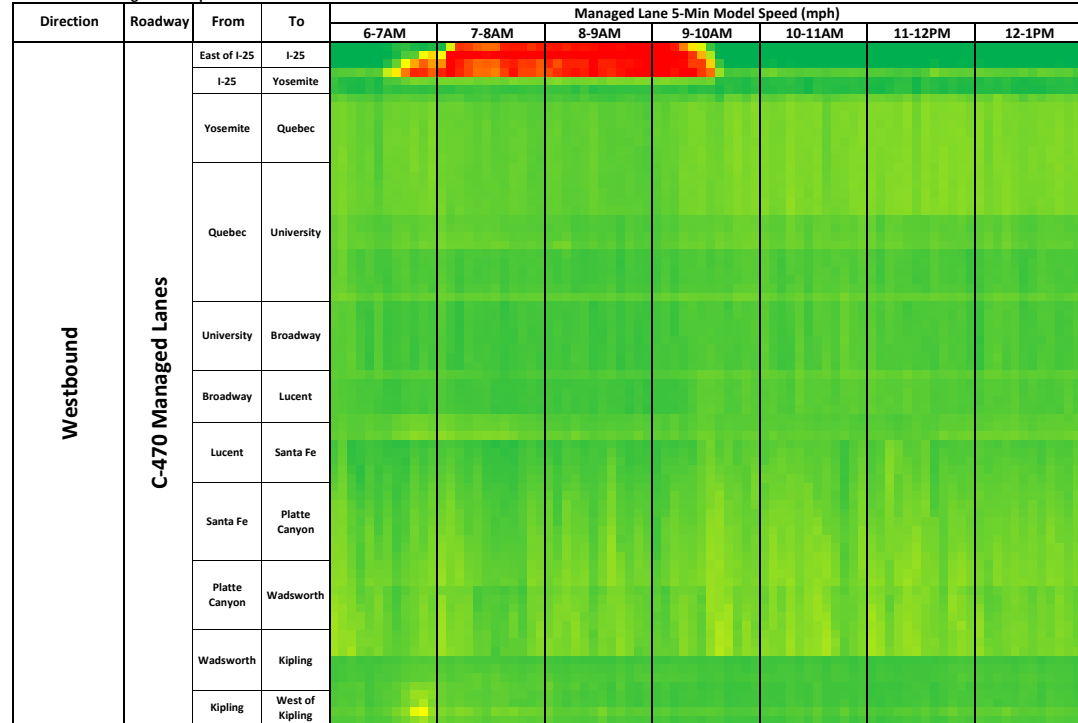


Table 5b  
Westbound General Purpose Lane Speed

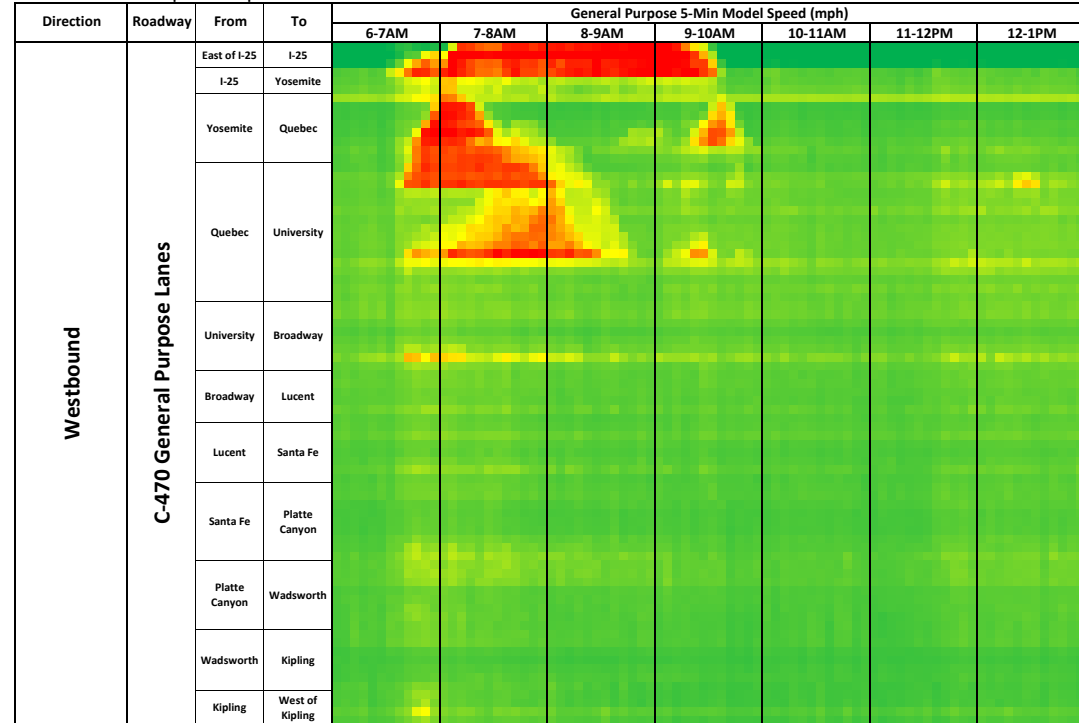


Table 5c  
Eastbound Managed Lane Speed

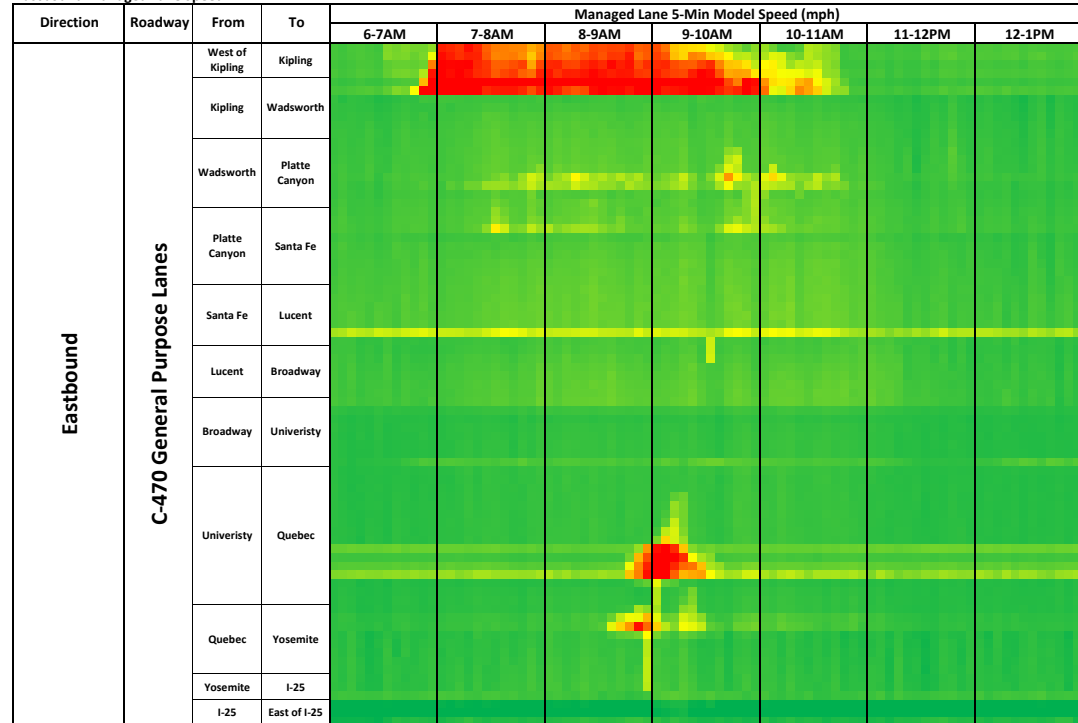


Table 5d  
Eastbound General Purpose Lane Speed

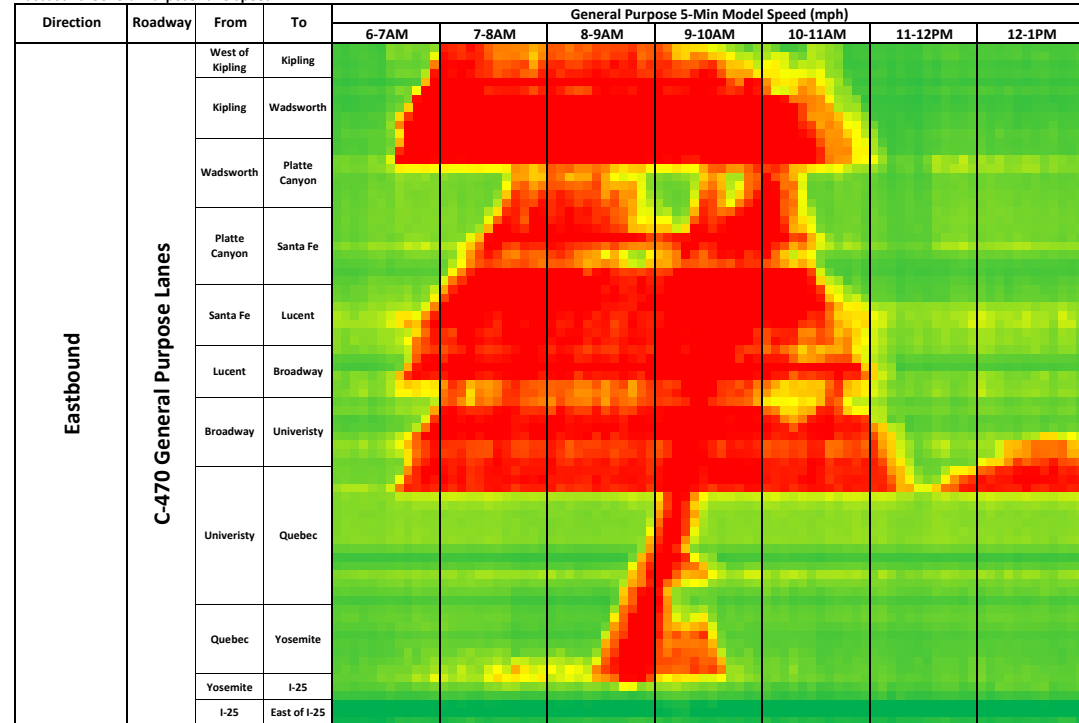


Table 5e  
NB I-25 Speed

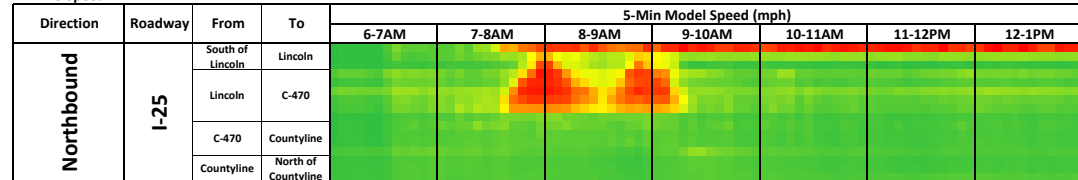


Table 5f  
SB I-25 Speed

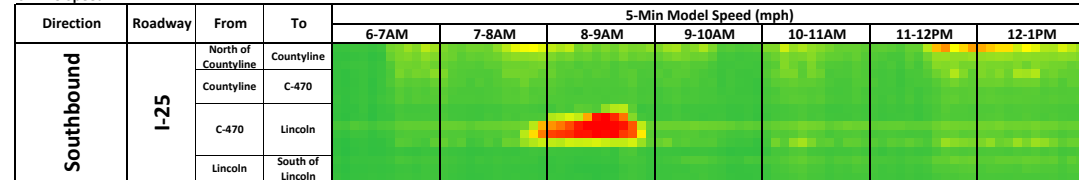


Table 6a  
Westbound Managed Lane Volume

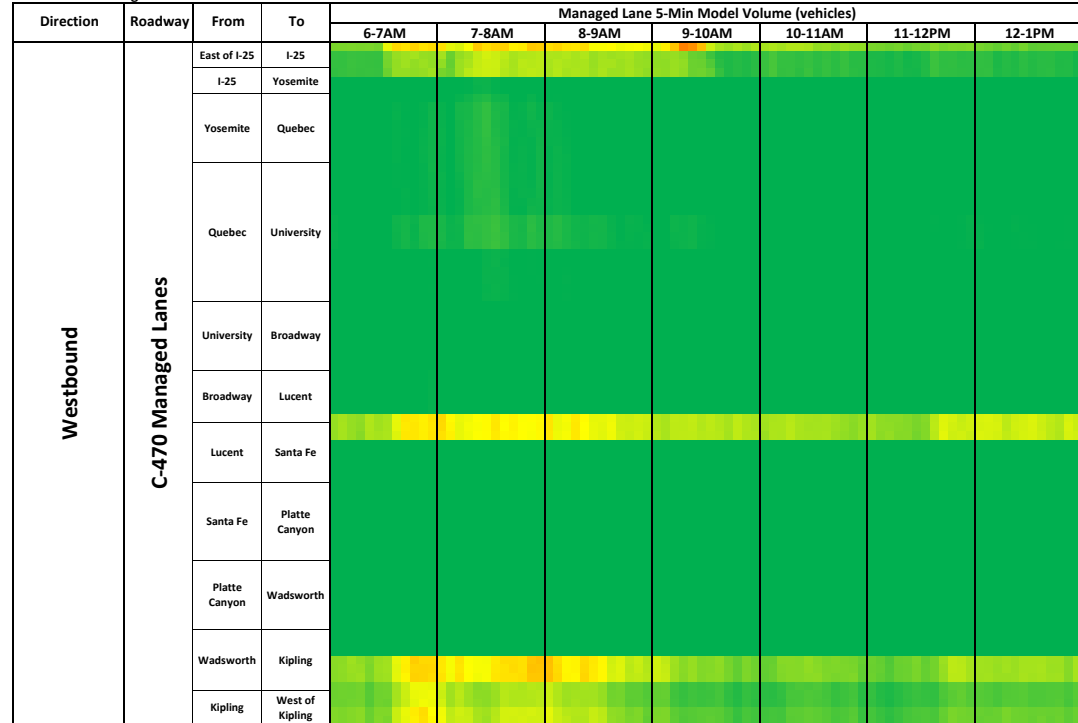


Table 6b  
Westbound General Purpose Lane Volume

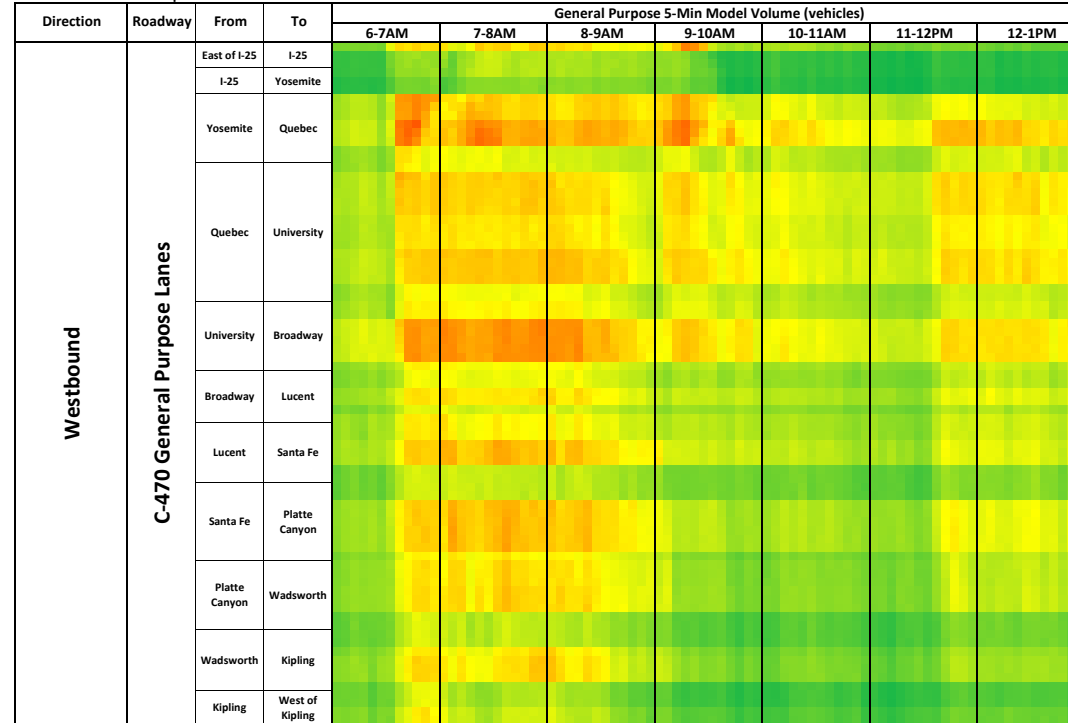


Table 6c  
Eastbound Managed Lane Volume

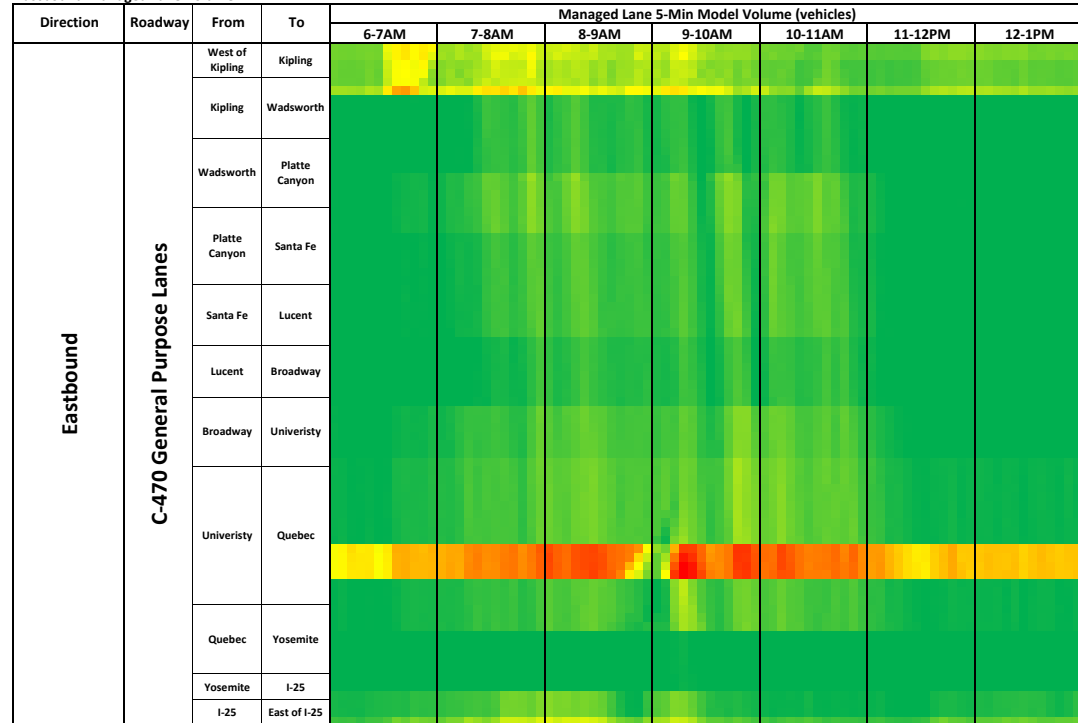


Table 6d  
Eastbound General Purpose Lane Volume

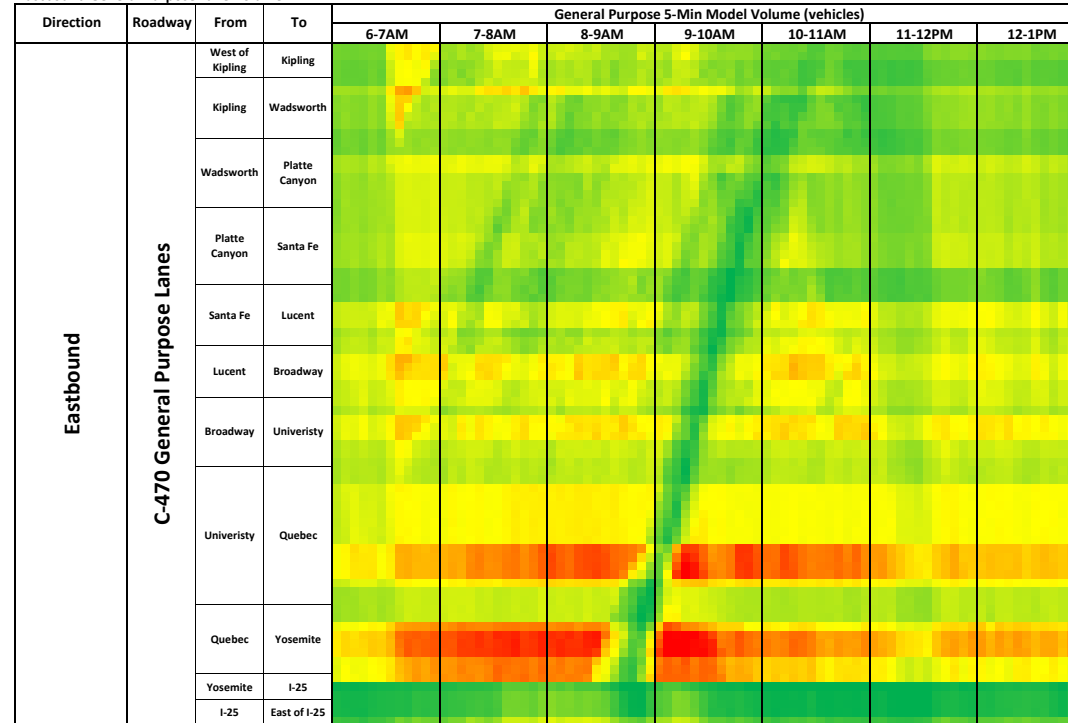


Table 6e  
NB I-25 Volume

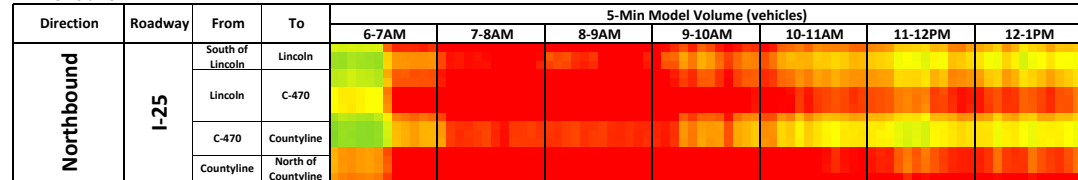
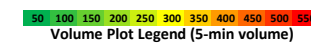
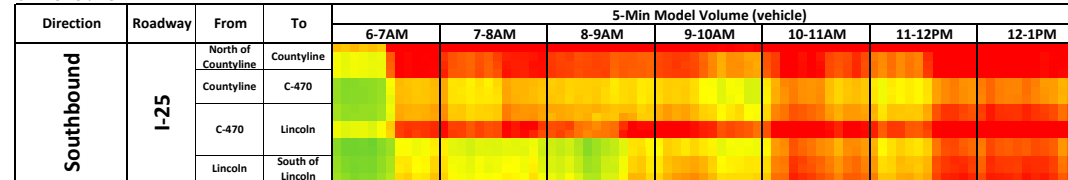


Table 6f  
SB I-25 Volume



## **Appendix J-2**

### **Option C Ultimate Dynamic Pricing 2035 PM**

**Table 1**  
**Network Summary**

Run#	Total VMT (veh-mi)	Total VHT (veh-hr)	Avg Spd (mph)	Avg Delay (s)	Latent Demand	Total Revenue (2013\$)
run1	1,835,895	59,106	31.06	203	19,192	\$78,573
run2	1,831,207	59,371	30.84	206	19,889	\$72,554
run3	1,834,339	60,129	30.51	212	20,414	\$68,795
run4	1,841,082	57,659	31.93	190	17,931	\$59,805
run5	1,832,302	60,308	30.38	213	19,250	\$65,814
run6						
run7						
run8						
run9						
run10						
Average	1,834,965	59,314	30.95	205	19,335	\$69,108

Revenue and Transaction by User Class

	Transponder	License Plate	Total
Revenue	\$47,645.45	\$21,462.70	\$69,108.15
Transaction	16,288	5,720	\$22,008.20
Avg Toll	\$2.93	\$3.75	\$3.14

Minimum Number of Runs Needed:

	Mean	Speed (mph)	Revenue (\$)
		30.95	69,108
Standard Deviation		0.61	7053
Target Error %	1.0%	16	401
	2.5%	3	65
	3.5%	2	33
	5.0%	1	17
	10.0%	1	5

**Table 2a**  
**Westbound Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>WB C-470 - Managed Lane</b>	I-25	Yosemite	0.622	0.6	0.6	0.6	18.9	5.9	2.7	1.6	1.3	1.2	1.5	1.8	1.6	1.5	1.1
	Yosemite	Quebec	1.401	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.5	1.5	1.5	1.5
	Quebec	Colorado	2.063	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.3	2.3	2.2	2.2	2.3
	Colorado	University	1.030	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.1	1.0	1.1
	University	Broadway	1.489	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5
	Broadway	Lucent	1.181	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.4	1.6	1.3	1.2	1.2
	Lucent	Santa Fe	1.403	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.7	1.9	1.7	1.5	1.4
	Santa Fe	Platte Canyon	1.581	1.7	1.7	1.6	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.7
	Platte Canyon	Wadsworth	1.529	1.7	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6
	Wadsworth	Kipling	1.454	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5
	Total		13.754	14.3	14.1	14.2	32.8	19.8	16.6	15.6	15.4	15.6	16.4	16.4	15.7	15.0	14.8
<b>WB C-470 - General Purpose Lanes</b>	I-25	Yosemite	0.622	0.6	2.5	17.4	38.8	41.7	29.3	18.1	10.6	6.2	7.0	11.5	5.8	4.6	5.7
	Yosemite	Quebec	1.401	4.3	7.8	9.3	10.9	11.8	10.4	10.1	9.1	7.1	10.1	10.4	6.2	7.4	5.5
	Quebec	Colorado	2.063	3.9	4.4	6.3	7.3	7.9	8.0	8.0	6.9	8.8	21.4	13.6	4.4	5.4	5.9
	Colorado	University	1.030	1.2	1.3	1.4	1.4	1.4	1.4	1.4	1.7	7.9	13.4	6.3	1.3	1.4	1.4
	University	Broadway	1.489	1.5	1.6	1.6	1.6	1.7	1.7	1.7	4.4	12.2	12.8	5.6	1.6	1.6	1.6
	Broadway	Lucent	1.181	1.2	1.2	1.2	1.3	1.3	1.3	2.4	6.6	9.8	9.1	5.2	1.4	1.2	1.2
	Lucent	Santa Fe	1.403	1.4	1.5	1.5	1.5	1.6	2.9	6.3	7.7	8.0	7.1	5.7	3.6	1.4	1.4
	Santa Fe	Platte Canyon	1.581	1.6	1.7	1.7	2.0	3.4	5.2	5.9	5.9	5.7	5.3	5.3	7.4	5.8	4.1
	Platte Canyon	Wadsworth	1.529	1.6	1.6	1.6	1.8	1.9	2.0	2.0	2.0	2.1	2.0	1.8	1.7	1.6	1.5
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4
	Total		13.540	18.8	25.0	43.5	68.0	74.0	63.6	57.2	56.4	69.3	89.7	66.9	34.8	31.8	29.7
<b>WB C-470 - Travel Time Saving</b>	I-25	Yosemite	0.622	0.1	1.9	16.8	19.9	35.8	26.6	16.5	9.2	5.0	5.5	9.6	4.2	3.1	4.7
	Yosemite	Quebec	1.401	2.8	6.3	7.8	9.3	10.2	8.9	8.6	7.6	5.7	8.7	8.9	4.7	6.0	4.0
	Quebec	Colorado	2.063	1.6	2.2	4.0	5.0	5.6	5.8	5.7	4.7	6.6	19.1	11.2	2.2	3.3	3.6
	Colorado	University	1.030	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.6	6.9	12.3	5.2	0.3	0.4	0.3
	University	Broadway	1.489	0.1	0.1	0.1	0.1	0.1	0.2	0.2	2.9	10.6	11.3	4.1	0.1	0.1	0.0
	Broadway	Lucent	1.181	0.0	0.1	0.1	0.1	0.1	0.1	1.2	5.4	8.5	7.6	3.8	0.2	0.0	0.0
	Lucent	Platte Canyon	1.403	0.0	0.1	0.1	0.1	0.2	1.5	4.8	6.2	6.3	5.2	4.0	2.0	0.0	0.0
	Platte Canyon	Santa Fe	1.581	0.0	0.0	0.1	0.3	1.8	3.5	4.2	4.1	3.9	3.5	3.5	5.6	4.1	2.4
	Santa Fe	Wadsworth	1.529	-0.1	0.0	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.1	-0.1	0.0	-0.1
	Wadsworth	Kipling	1.454	-0.1	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
	Total		13.540	4.5	10.9	29.3	35.2	54.2	46.9	41.7	41.0	53.7	73.4	50.4	19.1	16.8	14.9

**Table 2b**  
**Eastbound Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)														
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00	
<b>EB C-470 - Managed Lane</b>	Kipling	Wadsworth	1.454	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.3	1.4	1.4	1.4	1.4	1.3	1.3	
	Wadsworth	Platte Canyon	1.530	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.4	
	Platte Canyon	Santa Fe	1.569	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Santa Fe	Lucent	1.403	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Lucent	Broadway	1.204	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	Broadway	University	1.473	1.4	1.3	1.3	1.3	1.4	1.4	1.4	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.3
	University	Colorado	1.026	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
	Colorado	Quebec	2.068	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
	Quebec	Yosemite	1.388	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>12.8</b>	<b>12.7</b>	<b>12.7</b>	<b>12.7</b>	<b>12.8</b>	<b>12.8</b>	<b>12.8</b>	<b>12.7</b>	<b>12.7</b>	<b>12.7</b>	<b>12.8</b>	<b>12.8</b>	<b>12.7</b>	<b>12.6</b>	
<b>EB C-470 - General Purpose Lanes</b>	Kipling	Wadsworth	1.454	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	
	Wadsworth	Platte Canyon	1.530	1.5	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.5	1.4
	Platte Canyon	Santa Fe	1.569	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.7	1.6	1.5	1.5	
	Santa Fe	Lucent	1.403	1.5	1.5	1.5	1.5	1.6	1.6	1.5	1.4	1.5	1.5	1.6	1.5	1.4	1.4	
	Lucent	Broadway	1.204	1.2	1.2	1.2	1.3	1.3	1.4	1.3	1.2	1.2	1.2	1.3	1.3	1.2	1.2	
	Broadway	University	1.473	1.5	1.5	1.5	1.6	1.7	1.7	1.6	1.5	1.5	1.5	1.9	2.2	1.5	1.4	
	University	Colorado	1.026	1.1	1.1	1.1	1.1	1.1	1.3	1.2	1.0	1.0	1.0	1.2	1.4	1.1	1.0	
	Colorado	Quebec	2.068	2.1	2.1	2.1	2.2	2.2	2.2	2.3	2.1	2.1	2.1	2.1	2.2	2.1	2.0	
	Quebec	Yosemite	1.388	1.4	1.4	1.4	1.4	1.7	3.7	4.7	1.4	1.4	1.4	1.4	1.4	1.4	1.3	
	Yosemite	I-25	0.635	0.7	0.7	0.6	0.7	1.1	1.4	1.2	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.6
	<b>Total</b>		<b>13.749</b>	<b>13.9</b>	<b>13.9</b>	<b>14.0</b>	<b>14.2</b>	<b>15.3</b>	<b>18.0</b>	<b>18.4</b>	<b>14.0</b>	<b>14.0</b>	<b>14.1</b>	<b>15.0</b>	<b>15.4</b>	<b>13.8</b>	<b>13.1</b>	
<b>EB C-470 - Travel Time Saving</b>	Kipling	Wadsworth	1.454	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	
	Wadsworth	Platte Canyon	1.530	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.0	
	Platte Canyon	Santa Fe	1.569	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.1	0.0	
	Santa Fe	Lucent	1.403	0.1	0.1	0.1	0.2	0.2	0.3	0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.0	
	Lucent	Broadway	1.204	0.1	0.1	0.1	0.2	0.2	0.3	0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.1	
	Broadway	University	1.473	0.2	0.2	0.2	0.2	0.3	0.4	0.2	0.1	0.2	0.2	0.5	0.8	0.1	0.1	
	University	Colorado	1.026	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.1	0.1	0.1	0.3	0.5	0.1	0.1	
	Colorado	Quebec	2.068	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.2	0.2	0.2	0.3	0.3	0.2	0.1	
	Quebec	Yosemite	1.388	0.1	0.1	0.1	0.2	0.4	2.4	3.5	0.2	0.1	0.1	0.1	0.2	0.1	0.1	
	Yosemite	I-25	0.635	0.1	0.1	0.1	0.1	0.5	0.8	0.6	0.1	0.2	0.2	0.2	0.3	0.2	0.0	
	<b>Total</b>		<b>13.749</b>	<b>1.2</b>	<b>1.2</b>	<b>1.2</b>	<b>1.6</b>	<b>2.5</b>	<b>5.2</b>	<b>5.6</b>	<b>1.3</b>	<b>1.3</b>	<b>1.3</b>	<b>2.2</b>	<b>2.6</b>	<b>1.1</b>	<b>0.6</b>	



**Table 2c**  
**I-25 Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>NB I-25</b>	Lincoln	C-470	1.323	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2
	C-470	Countyline	0.761	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
	Total		2.084	2.0	2.0	2.0	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9
<b>SB I-25</b>	Countyline	C-470	0.761	0.8	0.8	0.8	0.9	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9
	C-470	Lincoln	1.323	1.3	1.4	1.4	1.4	1.5	1.5	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.3
	Total		2.084	2.1	2.2	2.2	2.3	2.5	2.4	2.6	2.6	2.5	2.6	2.5	2.4	2.5	2.2

**Table 2d**  
**NB/SB I-25 Ramp to C-470 WB Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>NB I-25 - General Purpose</b>	Lincoln	Yosemite	1.963	2.3	2.9	3.8	5.7	10.4	10.1	4.8	3.6	3.3	3.4	3.9	3.2	3.0	2.6
	Yosemite	Quebec	1.402	4.3	7.8	9.3	10.9	11.8	10.4	10.1	9.1	7.1	10.1	10.4	6.2	7.4	5.5
	Total		3.365	6.6	10.7	13.1	16.6	22.2	20.5	15.0	12.7	10.4	13.5	14.3	9.3	10.4	8.1
<b>NB I-25 - Managed Lane</b>	Lincoln	Yosemite	1.967	2.3	2.3	2.3	2.9	6.9	6.3	2.9	2.6	2.6	2.5	2.6	2.6	2.3	2.2
	Yosemite	Quebec	1.398	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	Total		3.364	3.9	3.9	3.9	4.4	8.5	7.9	4.5	4.2	4.2	4.1	4.2	4.1	3.9	3.8
<b>SB I-25 - General Purpose</b>	Countyline	Yosemite	1.142	1.3	2.1	3.5	6.2	8.8	6.5	3.5	2.9	2.2	2.8	4.0	2.2	2.4	1.8
	Yosemite	Quebec	1.402	4.3	7.8	9.3	10.9	11.8	10.4	10.1	9.1	7.1	10.1	10.4	6.2	7.4	5.5
	Total		2.544	5.6	9.9	12.8	17.1	20.5	16.9	13.6	11.9	9.4	12.9	14.4	8.4	9.8	7.3
<b>SB I-25 - Managed Lane</b>	Countyline	Yosemite	1.187	1.3	1.3	1.3	1.4	1.4	1.4	1.5	1.4	1.4	1.5	1.4	1.4	1.4	1.3
	Yosemite	Quebec	1.398	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.5	1.5	1.5	1.5
	Total		2.585	2.8	2.8	2.9	2.9	3.0	2.9	3.0	2.9	2.9	2.9	3.0	2.9	2.9	2.8

Table 3  
Revenue and Transaction

Table with columns for User, Direction, From, To, Revenue (13:00-13:30 to 16:00-16:30), Transactions (13:00-13:30 to 19:00-19:30), and Average Toll Price (2015) (1.00-1.30 to 7.30-8.00). Rows are categorized by Transponder Users (Westbound, Eastbound) and License Plate User (Westbound, Eastbound), with a Total row at the bottom.



Table 5a  
Westbound Managed Lane Speed

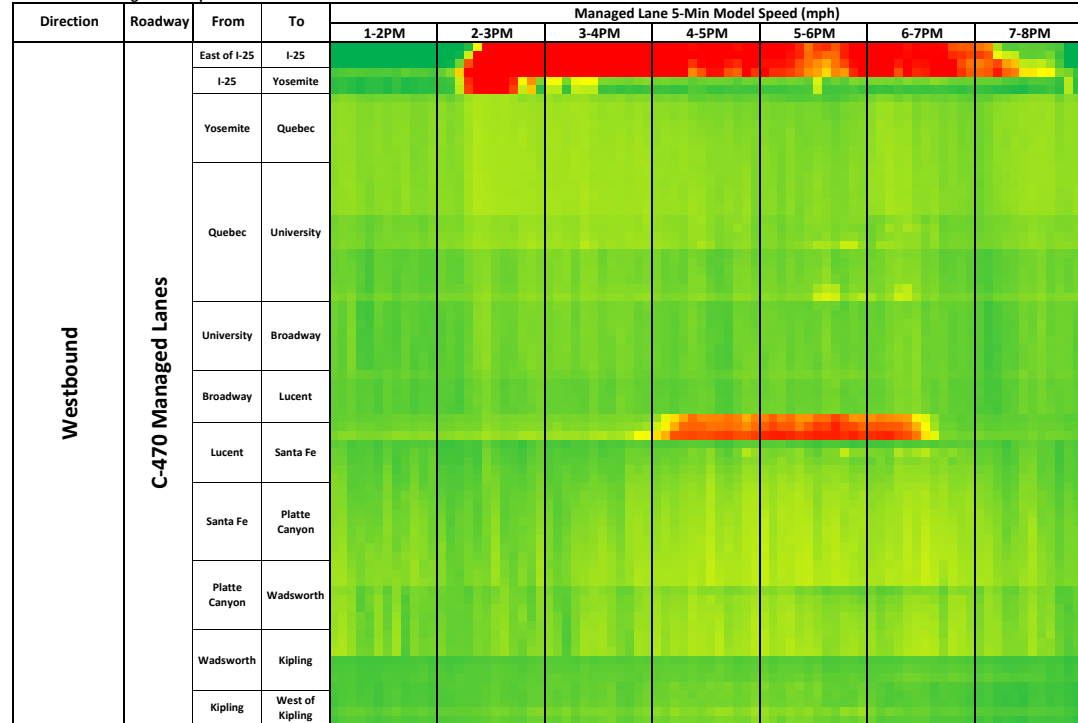


Table 5b  
Westbound General Purpose Lane Speed

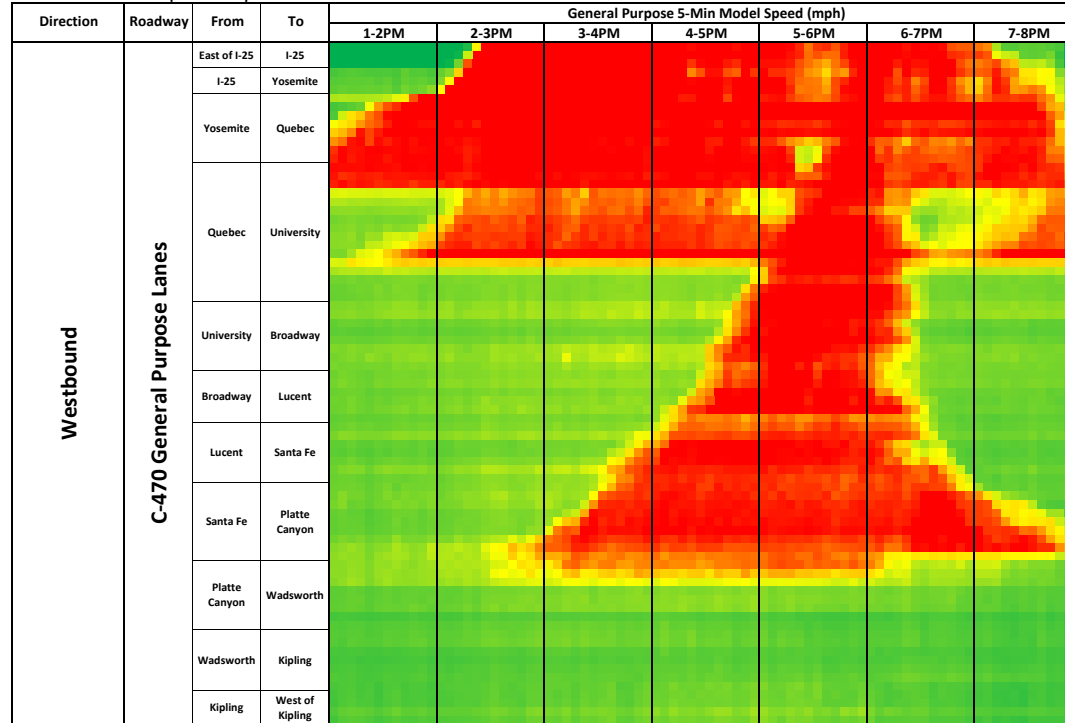


Table 5c  
Eastbound Managed Lane Speed

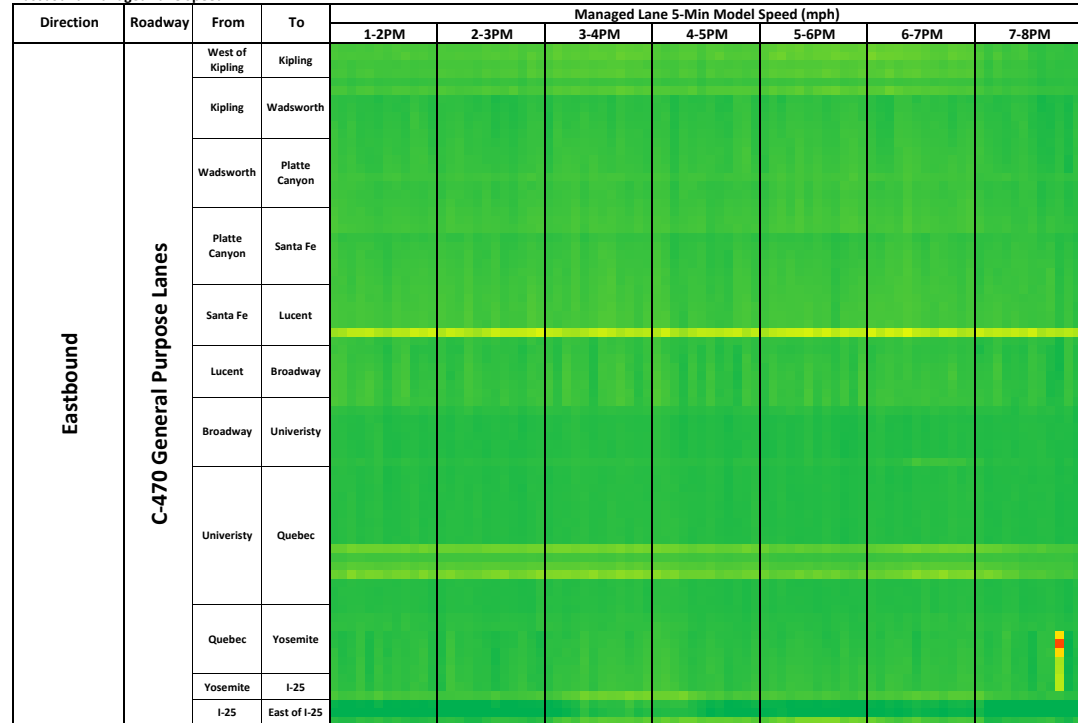


Table 5d  
Eastbound General Purpose Lane Speed

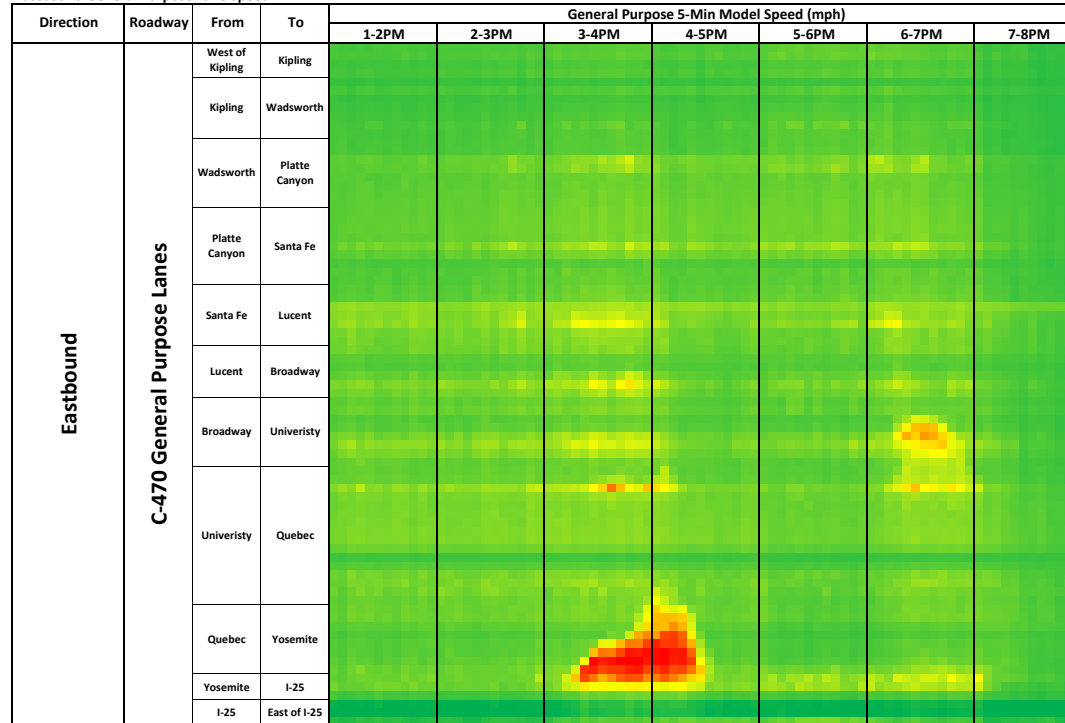


Table 5e  
NB I-25 Speed

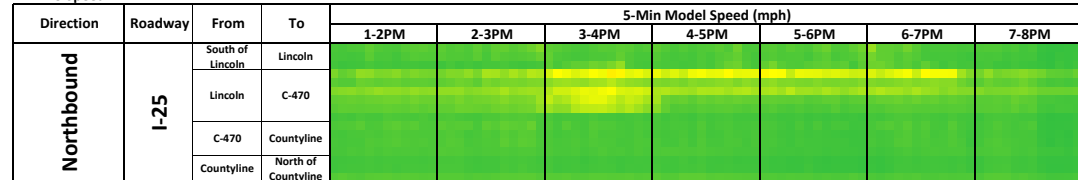


Table 5f  
SB I-25 Speed

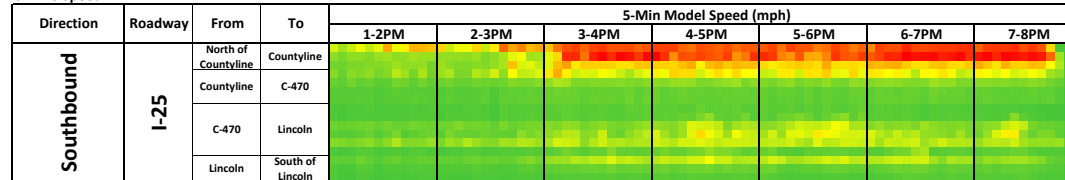


Table 6a  
Westbound Managed Lane Volume

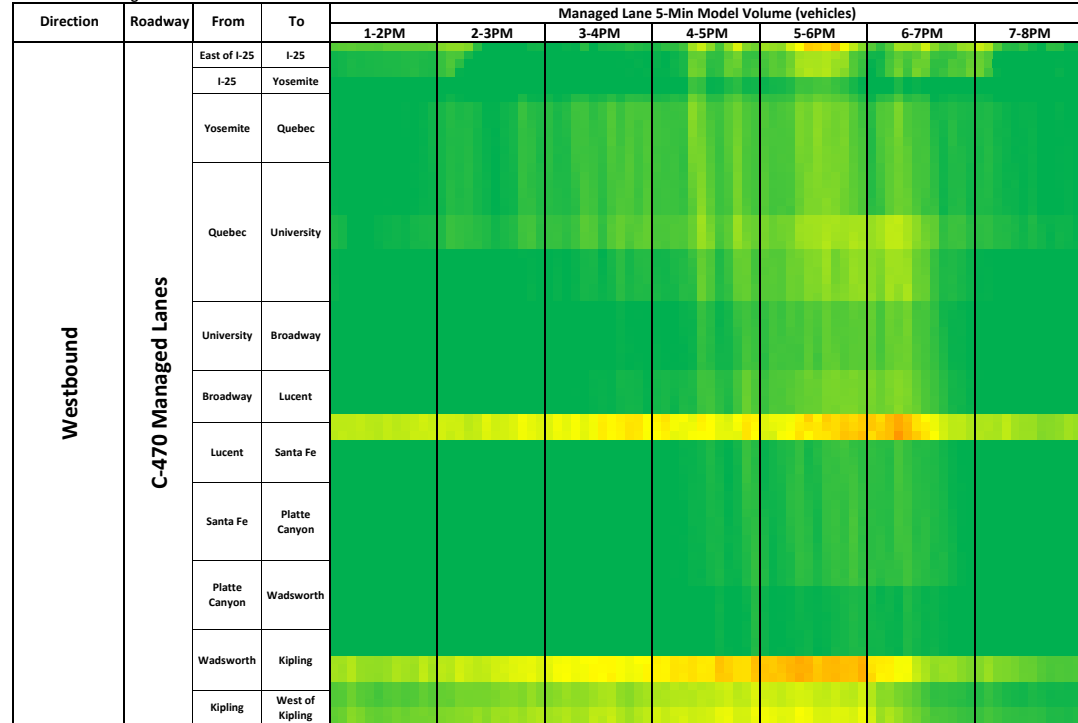


Table 6b  
Westbound General Purpose Lane Volume

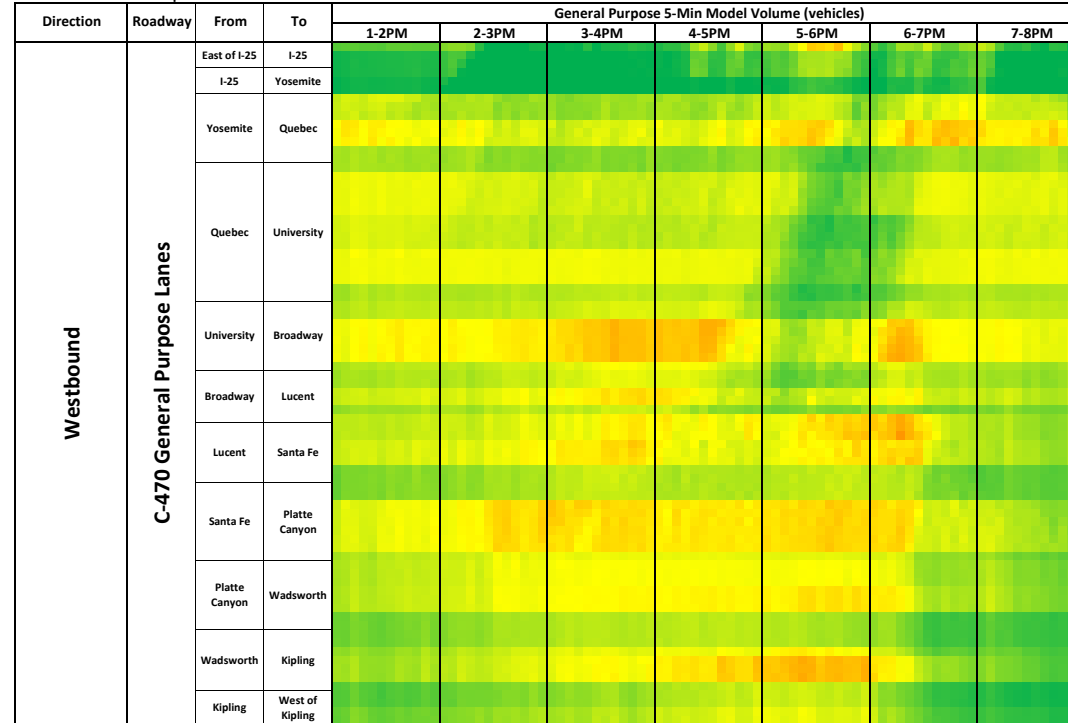


Table 6c  
Eastbound Managed Lane Volume

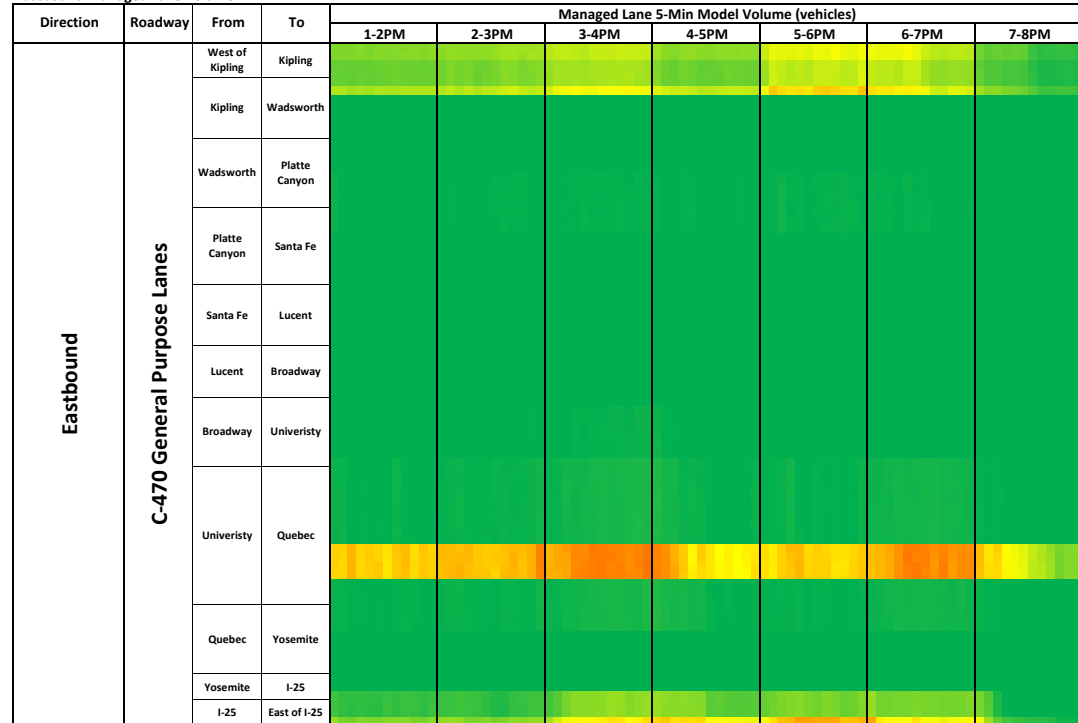


Table 6d  
Eastbound General Purpose Lane Volume

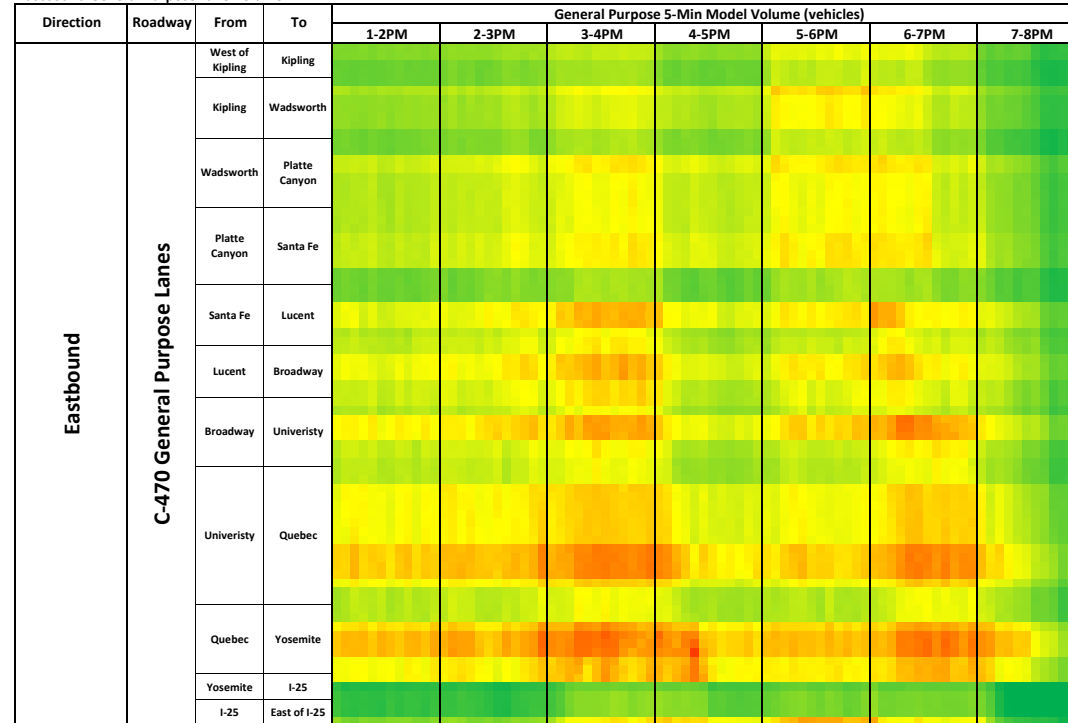


Table 6e  
NB I-25 Volume

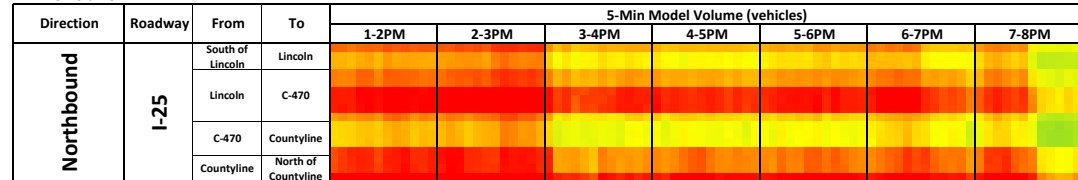
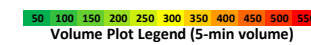
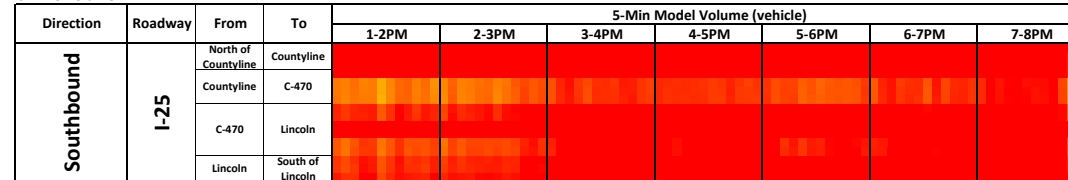


Table 6f  
SB I-25 Volume



## **Appendix K-1**

### **Option C Ultimate Fixed Pricing 2035 AM**

**Table 1**  
**Network Summary**

Run#	Total VMT (veh-mi)	Total VHT (veh-hr)	Avg Spd (mph)	Avg Delay (s)	Latent Demand	Total Revenue (2013\$)
run1	1,742,280	53,772	32.40	200	12,503	\$62,024
run2	1,737,223	55,293	31.42	215	13,827	\$65,710
run3	1,721,600	55,917	30.79	224	15,759	\$68,486
run4	1,728,065	53,721	32.17	203	14,831	\$65,592
run5	1,729,578	54,275	31.87	207	14,777	\$66,948
run6						
run7						
run8						
run9						
run10						
Average	1,731,749	54,595	31.73	210	14,339	\$65,752

Revenue and Transaction by User Class

	Transponder	License Plate	Total
Revenue	\$45,102.15	\$20,649.90	\$65,752.05
Transaction	16,357	5,707	22,064
Avg Toll	\$2.76	\$3.62	\$2.98

Minimum Number of Runs Needed:

	Mean	Speed (mph)	Revenue (\$)
		31.73	65,752
Standard Deviation		0.64	2389
Target Error %	1.0%	16	51
	2.5%	3	9
	3.5%	2	5
	5.0%	1	3
	10.0%	1	1

Table 2a  
Westbound Travel Time

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
WB C-470 - Managed Lane	I-25	Yosemite	0.622	0.6	1.0	1.2	1.2	1.2	1.4	1.4	0.7	0.6	0.6	0.6	0.6	0.6	0.6
	Yosemite	Quebec	1.401	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	Quebec	Colorado	2.063	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	Colorado	University	1.030	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	University	Broadway	1.489	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.4	1.4	1.4	1.4
	Broadway	Lucent	1.181	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	Lucent	Santa Fe	1.403	1.4	1.3	1.4	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	Santa Fe	Platte Canyon	1.581	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.6	1.7	1.6	1.6	1.6
	Platte Canyon	Wadsworth	1.529	1.6	1.5	1.6	1.5	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	Wadsworth	Kipling	1.454	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Total		13.754	13.6	13.9	14.3	14.0	14.2	14.3	14.3	14.2	14.1	13.9	14.0	14.0	13.9	13.8
WB C-470 - General Purpose Lanes	I-25	Yosemite	0.622	0.6	1.2	1.8	1.0	1.1	1.3	1.4	0.8	0.6	0.6	0.6	0.6	0.6	0.6
	Yosemite	Quebec	1.401	1.4	2.7	5.5	2.8	1.7	1.5	1.9	3.8	1.4	1.4	1.4	1.4	1.4	1.4
	Quebec	Colorado	2.063	2.1	3.1	4.9	6.0	5.2	2.9	2.2	2.2	2.1	2.1	2.1	2.2	2.2	2.2
	Colorado	University	1.030	1.1	1.3	1.3	1.3	1.3	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	University	Broadway	1.489	1.5	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.5
	Broadway	Lucent	1.181	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	Lucent	Santa Fe	1.403	1.4	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	Santa Fe	Platte Canyon	1.581	1.5	1.7	1.7	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.6	1.6	1.6
	Platte Canyon	Wadsworth	1.529	1.5	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Wadsworth	Kipling	1.454	1.4	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	Total		13.540	13.6	17.5	22.6	20.1	18.0	15.5	15.2	16.4	13.8	13.6	13.5	14.0	14.2	14.0
WB C-470 - Travel Time Saving	I-25	Yosemite	0.622	0.0	0.2	0.6	-0.1	-0.1	-0.1	-0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1
	Yosemite	Quebec	1.401	0.0	1.3	4.1	1.4	0.3	0.2	0.5	2.4	0.0	-0.1	-0.1	0.0	0.0	0.0
	Quebec	Colorado	2.063	0.0	1.0	2.8	3.9	3.1	0.8	0.1	0.0	-0.1	-0.1	-0.1	0.0	0.1	0.0
	Colorado	University	1.030	0.1	0.3	0.3	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	University	Broadway	1.489	0.1	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1
	Broadway	Lucent	1.181	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Lucent	Platte Canyon	1.403	0.0	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Platte Canyon	Santa Fe	1.581	-0.1	0.1	0.0	0.1	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.0
	Santa Fe	Wadsworth	1.529	-0.1	0.1	0.0	0.0	0.0	0.0	0.0	-0.2	-0.1	-0.1	-0.1	-0.1	-0.1	0.0
	Wadsworth	Kipling	1.454	-0.1	0.0	0.0	0.0	-0.1	-0.1	0.0	-0.2	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
	Total		13.540	0.0	3.6	8.3	6.1	3.8	1.2	0.8	2.2	-0.3	-0.3	-0.4	0.0	0.2	0.2



**Table 2b**  
**Eastbound Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)														
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00	
<b>EB C-470 - Managed Lane</b>	Kipling	Wadsworth	1.454	1.3	1.8	3.9	2.8	2.8	2.8	2.2	1.5	1.4	1.3	1.3	1.3	1.3	1.3	
	Wadsworth	Platte Canyon	1.530	1.4	1.5	1.5	1.7	2.4	2.0	1.7	1.6	1.7	1.5	1.4	1.4	1.4	1.4	
	Platte Canyon	Santa Fe	1.569	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.7	1.5	1.5	1.5	1.5	1.5	
	Santa Fe	Lucent	1.403	1.3	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.4	1.3	1.3	1.3	1.3	
	Lucent	Broadway	1.204	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	
	Broadway	University	1.473	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.4
	University	Colorado	1.026	0.9	0.9	0.9	1.0	1.0	1.0	1.7	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9
	Colorado	Quebec	2.068	1.9	1.9	1.9	1.9	1.9	2.5	6.7	2.4	1.9	1.9	1.9	1.9	1.9	1.9	1.9
	Quebec	Yosemite	1.388	1.3	1.3	1.3	1.3	1.3	4.1	2.3	1.7	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>12.7</b>	<b>13.3</b>	<b>15.5</b>	<b>14.9</b>	<b>15.7</b>	<b>18.5</b>	<b>20.9</b>	<b>14.4</b>	<b>13.6</b>	<b>13.0</b>	<b>12.7</b>	<b>12.7</b>	<b>12.7</b>	<b>12.7</b>	
<b>EB C-470 - General Purpose Lanes</b>	Kipling	Wadsworth	1.454	1.4	4.7	12.7	11.4	12.2	14.0	14.1	7.4	1.6	1.4	1.4	1.4	1.4	1.4	
	Wadsworth	Platte Canyon	1.530	1.6	3.2	3.8	5.8	8.3	6.2	5.5	4.6	2.8	1.5	1.5	1.6	1.6	1.6	
	Platte Canyon	Santa Fe	1.569	1.6	1.6	3.2	8.7	10.5	6.5	2.3	10.3	8.0	1.6	1.6	1.6	1.6	1.6	
	Santa Fe	Lucent	1.403	1.5	2.1	7.5	9.9	11.7	8.7	7.9	25.1	9.5	1.5	1.5	1.5	1.5	1.5	
	Lucent	Broadway	1.204	1.3	2.5	5.3	5.7	6.2	4.9	7.3	13.4	4.3	1.7	1.2	1.3	1.3	1.3	
	Broadway	University	1.473	1.5	2.7	6.8	7.0	7.0	6.0	14.8	12.4	5.7	4.0	1.5	1.6	1.8	1.9	
	University	Colorado	1.026	1.1	2.1	2.6	2.8	2.7	2.7	12.1	3.3	2.8	2.5	1.1	1.5	2.1	2.4	
	Colorado	Quebec	2.068	2.1	2.2	2.2	2.2	2.1	5.4	13.9	2.5	2.3	2.2	2.1	2.2	2.2	2.2	
	Quebec	Yosemite	1.388	1.4	1.4	1.5	1.5	1.6	15.1	7.5	2.9	1.4	1.4	1.4	1.4	1.4	1.4	
	Yosemite	I-25	0.635	0.6	0.7	0.7	0.8	0.9	1.4	0.8	0.8	0.7	0.6	0.6	0.6	0.6	0.6	
	<b>Total</b>		<b>13.749</b>	<b>14.2</b>	<b>23.3</b>	<b>46.2</b>	<b>55.7</b>	<b>63.2</b>	<b>70.8</b>	<b>86.2</b>	<b>82.8</b>	<b>39.1</b>	<b>18.5</b>	<b>13.9</b>	<b>14.6</b>	<b>15.5</b>	<b>15.8</b>	
<b>EB C-470 - Travel Time Saving</b>	Kipling	Wadsworth	1.454	0.1	2.9	8.8	8.6	9.3	11.2	11.8	5.9	0.2	0.0	0.0	0.1	0.1	0.1	
	Wadsworth	Platte Canyon	1.530	0.1	1.8	2.3	4.1	6.0	4.2	3.8	3.0	1.1	0.1	0.1	0.1	0.2	0.1	
	Platte Canyon	Santa Fe	1.569	0.1	0.1	1.7	7.1	8.9	5.0	0.7	8.8	6.3	0.0	0.1	0.1	0.1	0.1	
	Santa Fe	Lucent	1.403	0.2	0.7	6.1	8.4	10.3	7.2	6.5	23.6	8.1	0.1	0.1	0.2	0.2	0.2	
	Lucent	Broadway	1.204	0.2	1.4	4.2	4.6	5.0	3.7	6.1	12.2	3.1	0.6	0.1	0.1	0.2	0.1	
	Broadway	University	1.473	0.2	1.4	5.4	5.6	5.6	4.6	13.4	11.0	4.3	2.6	0.1	0.2	0.4	0.5	
	University	Colorado	1.026	0.2	1.1	1.7	1.8	1.7	1.7	10.4	2.4	1.8	1.5	0.2	0.5	1.2	1.5	
	Colorado	Quebec	2.068	0.3	0.3	0.3	0.3	0.2	2.9	7.1	0.1	0.3	0.3	0.2	0.3	0.3	0.3	
	Quebec	Yosemite	1.388	0.1	0.2	0.2	0.2	0.3	11.1	5.2	1.2	0.1	0.1	0.1	0.1	0.1	0.1	
	Yosemite	I-25	0.635	0.1	0.1	0.1	0.2	0.3	0.8	0.2	0.2	0.1	0.1	0.0	0.1	0.1	0.1	
	<b>Total</b>		<b>13.749</b>	<b>1.5</b>	<b>10.0</b>	<b>30.7</b>	<b>40.9</b>	<b>47.5</b>	<b>52.4</b>	<b>65.3</b>	<b>68.4</b>	<b>25.5</b>	<b>5.5</b>	<b>1.2</b>	<b>1.9</b>	<b>2.8</b>	<b>3.1</b>	







Table 5a  
Westbound Managed Lane Speed

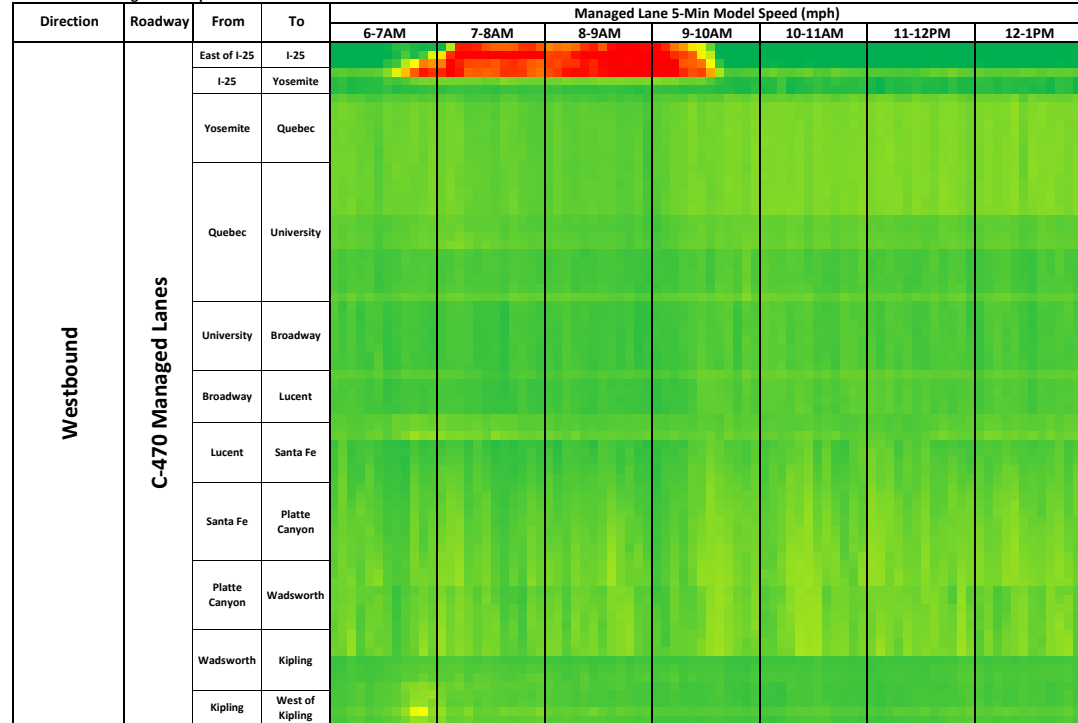


Table 5b  
Westbound General Purpose Lane Speed

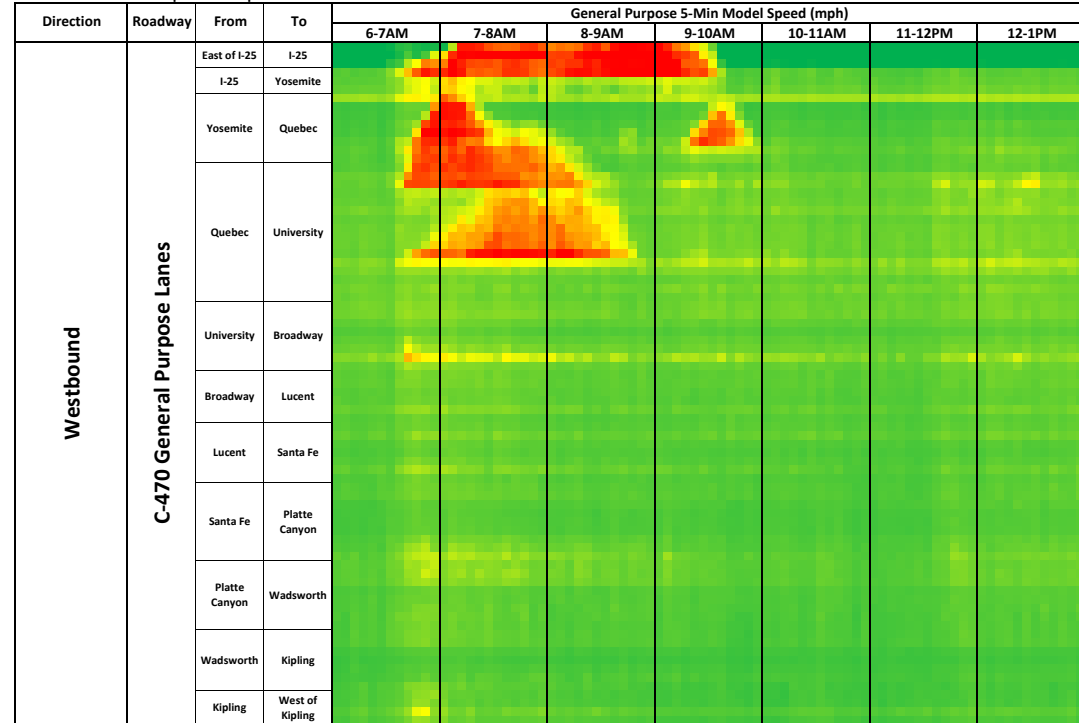


Table 5c  
Eastbound Managed Lane Speed

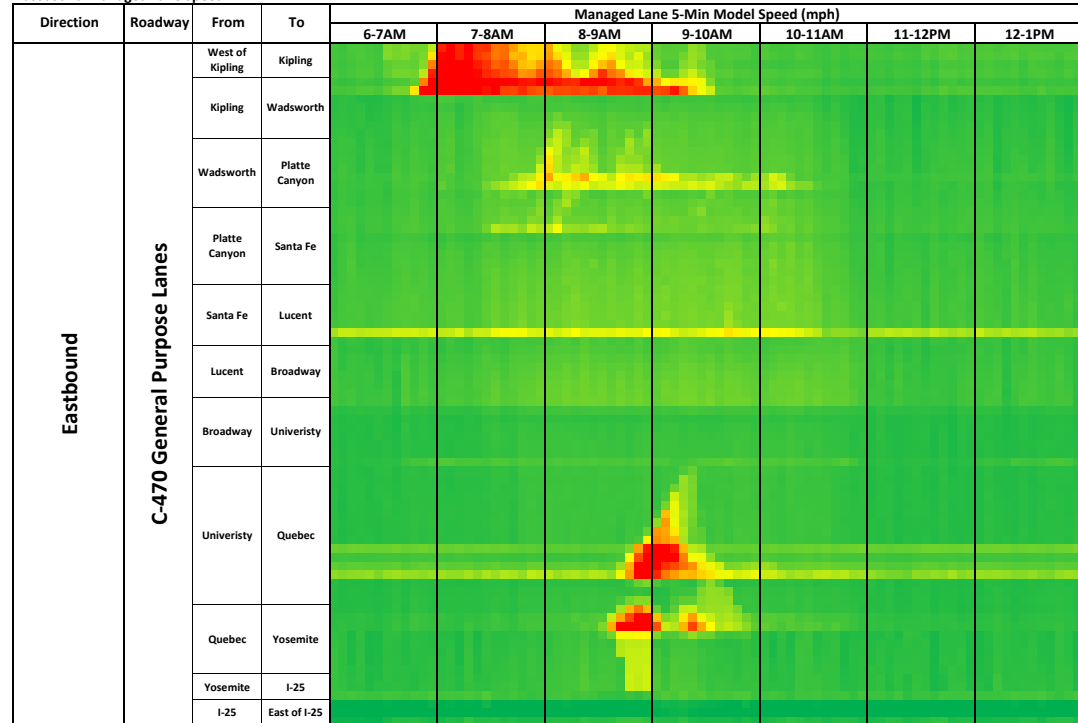


Table 5d  
Eastbound General Purpose Lane Speed

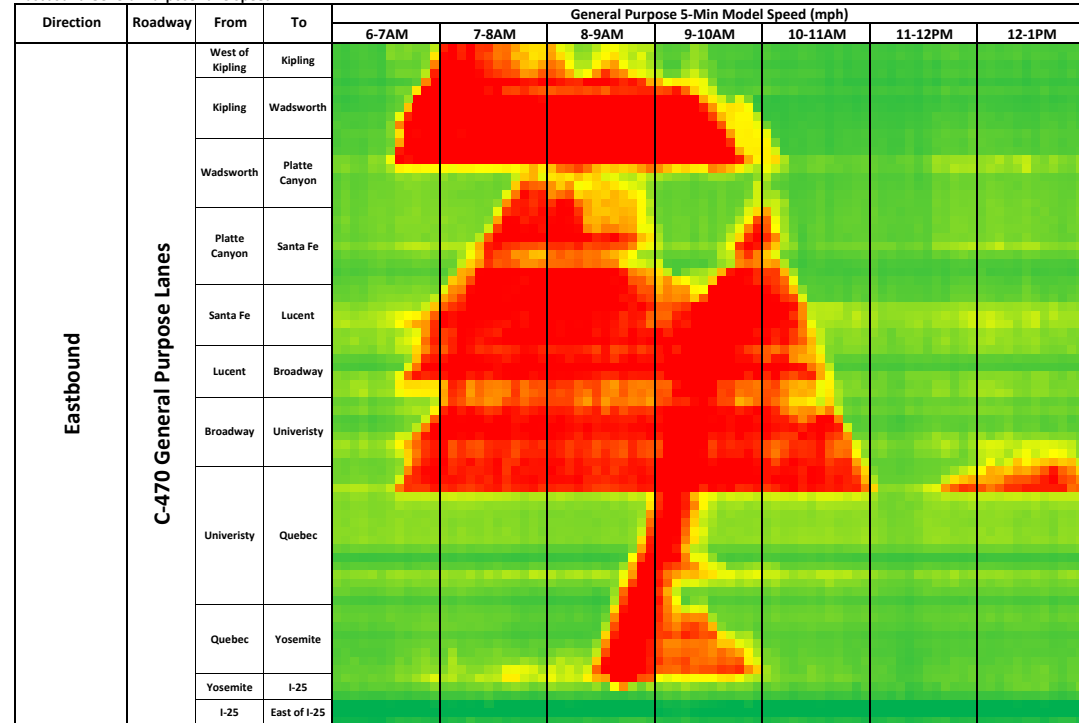


Table 5e  
NB I-25 Speed

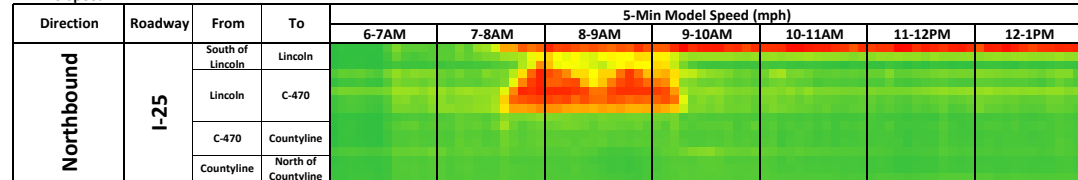


Table 5f  
SB I-25 Speed

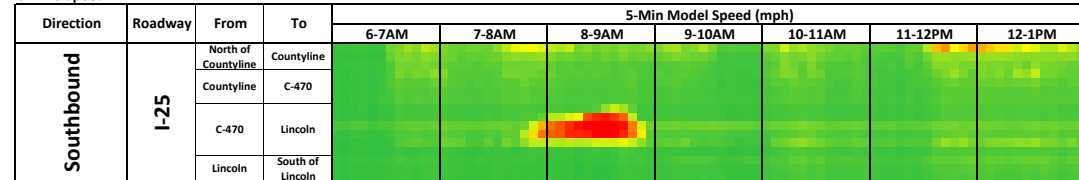


Table 6a  
Westbound Managed Lane Volume

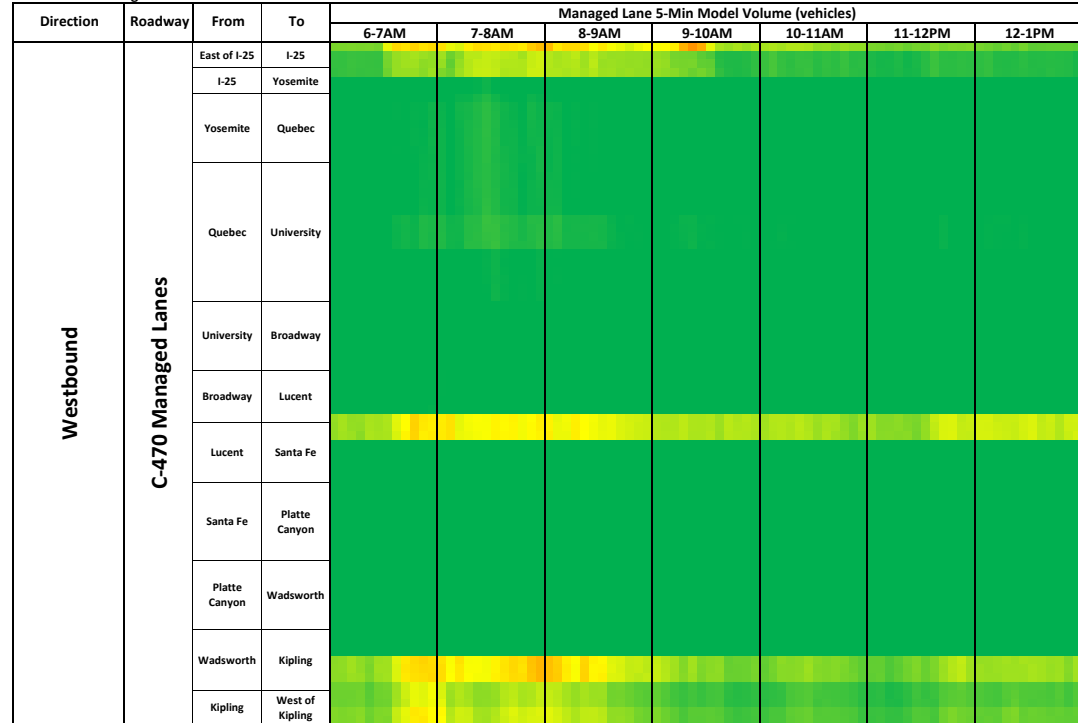


Table 6b  
Westbound General Purpose Lane Volume

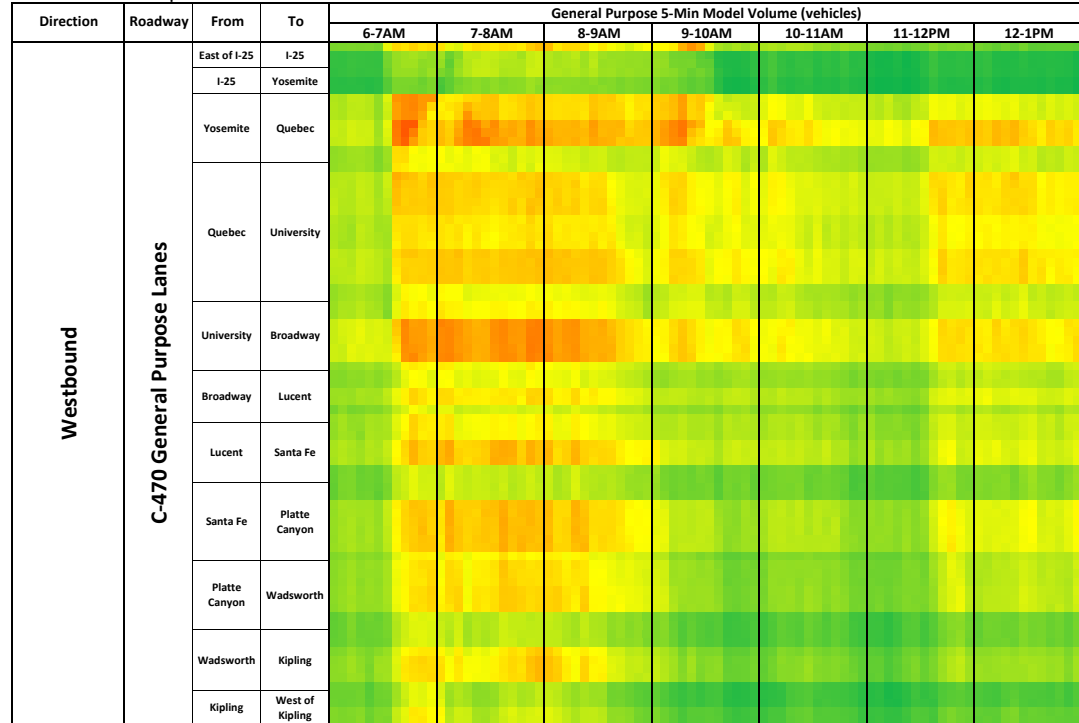


Table 6c  
Eastbound Managed Lane Volume

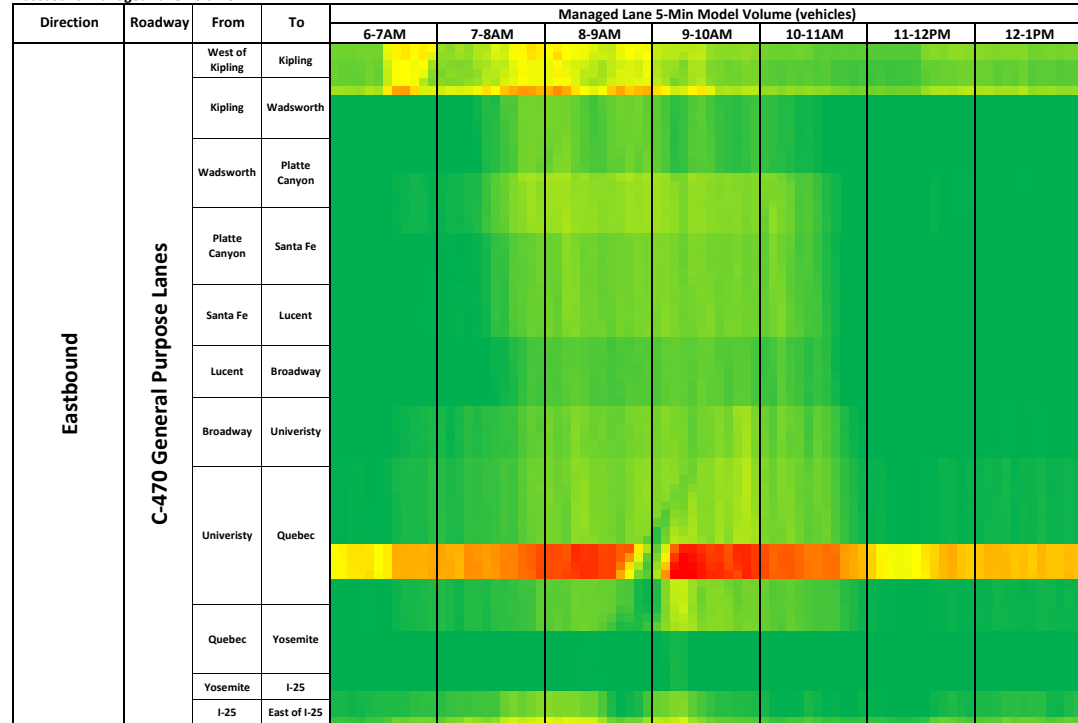


Table 6d  
Eastbound General Purpose Lane Volume

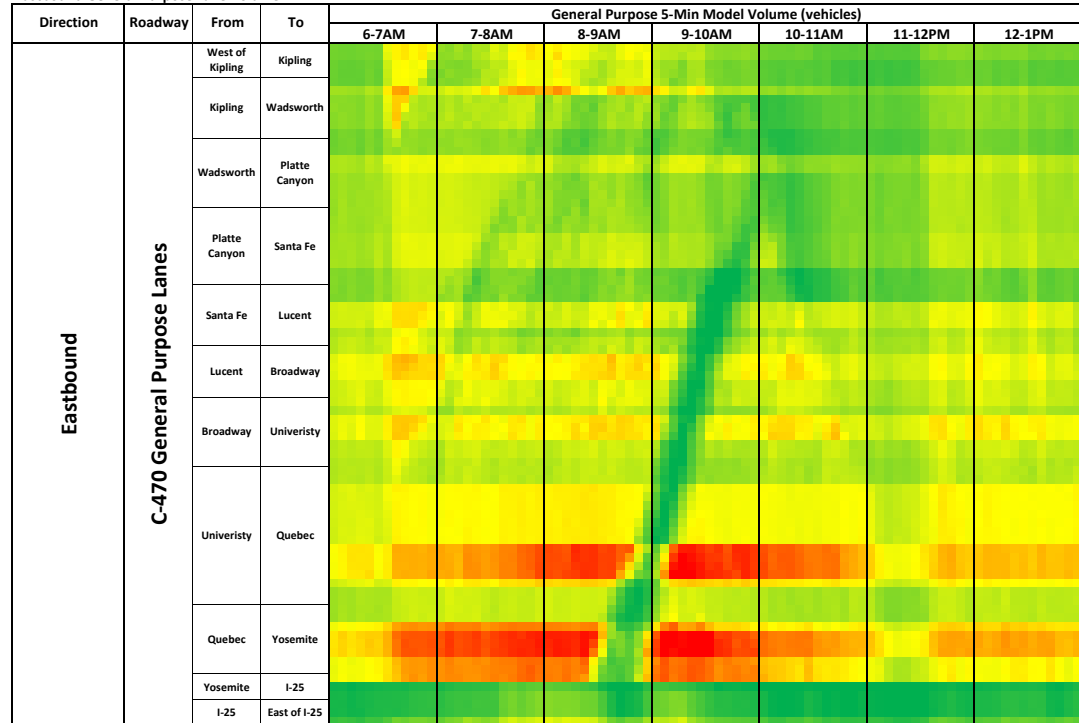


Table 6e  
NB I-25 Volume

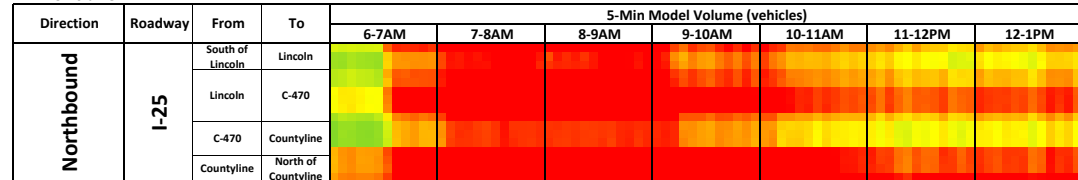
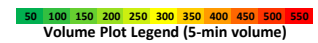
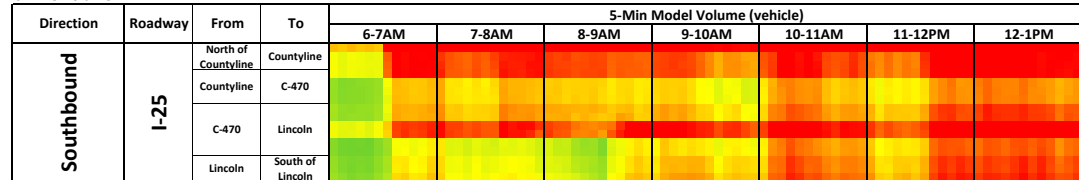


Table 6f  
SB I-25 Volume



## **Appendix K-2**

### **Option C Ultimate Fixed Pricing 2035 PM**

**Table 1**  
**Network Summary**

Run#	Total VMT (veh-mi)	Total VHT (veh-hr)	Avg Spd (mph)	Avg Delay (s)	Latent Demand	Total Revenue (2013\$)
run1	1,842,230	57,394	32.10	188	18,432	\$62,685
run2	1,825,869	58,776	31.07	202	20,666	\$62,860
run3	1,837,734	57,724	31.84	192	18,710	\$58,738
run4	1,838,553	57,711	31.86	191	18,690	\$59,708
run5	1,831,367	59,458	30.80	206	18,593	\$56,135
run6						
run7						
run8						
run9						
run10						
Average	1,835,151	58,212	31.53	196	19,018	\$60,025

Revenue and Transaction by User Class

	Transponder	License Plate	Total
Revenue	\$41,297.65	\$18,727.50	\$60,025.15
Transaction	15,699	5,418	\$21,117.00
Avg Toll	\$2.63	\$3.46	\$2.84

Minimum Number of Runs Needed:

	Mean	Speed (mph)	Revenue (\$)
		31.53	60,025
Standard Deviation		0.56	2828
Target Error %	1.0%	13	86
	2.5%	2	14
	3.5%	2	7
	5.0%	1	4
	10.0%	1	1



Table 2a  
Westbound Travel Time

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>WB C-470 - Managed Lane</b>	I-25	Yosemite	0.622	0.6	0.6	0.6	12.8	5.9	2.8	1.6	1.3	1.5	1.0	1.3	2.1	1.7	1.2
	Yosemite	Quebec	1.401	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.5	1.5
	Quebec	Colorado	2.063	2.2	2.2	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2	2.1	2.1	2.2	2.2
	Colorado	University	1.030	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.1
	University	Broadway	1.489	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Broadway	Lucent	1.181	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.2
	Lucent	Santa Fe	1.403	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.6	1.6	1.4	1.4
	Santa Fe	Platte Canyon	1.581	1.6	1.6	1.6	1.6	1.6	1.7	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.6
	Platte Canyon	Wadsworth	1.529	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6
	Wadsworth	Kipling	1.454	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5
	Total		13.754	14.0	14.0	14.1	26.7	19.7	16.6	15.6	15.3	15.6	15.0	15.2	15.5	15.3	14.7
<b>WB C-470 - General Purpose Lanes</b>	I-25	Yosemite	0.622	1.1	4.2	17.5	38.6	41.5	30.8	19.1	10.2	7.8	3.5	3.9	5.8	6.3	5.1
	Yosemite	Quebec	1.401	6.4	8.1	9.6	11.1	11.5	10.5	9.8	9.2	7.1	5.3	4.7	6.4	8.4	5.6
	Quebec	Colorado	2.063	4.0	4.9	6.8	7.6	7.9	7.8	7.8	7.3	7.1	9.8	4.1	4.5	6.2	6.4
	Colorado	University	1.030	1.2	1.4	1.4	1.4	1.4	1.4	1.4	1.5	5.2	5.8	2.3	1.3	1.4	1.4
	University	Broadway	1.489	1.6	1.6	1.6	1.6	1.6	1.7	1.7	3.4	8.9	6.9	3.5	1.5	1.6	1.6
	Broadway	Lucent	1.181	1.2	1.2	1.3	1.3	1.3	1.3	2.2	6.2	7.7	6.2	3.5	1.2	1.2	1.2
	Lucent	Santa Fe	1.403	1.4	1.5	1.5	1.5	1.6	2.9	6.3	7.7	7.2	6.2	5.3	2.1	1.4	1.4
	Santa Fe	Platte Canyon	1.581	1.6	1.7	1.7	2.1	3.5	5.3	5.9	5.7	5.4	5.1	5.6	7.4	4.5	2.5
	Platte Canyon	Wadsworth	1.529	1.6	1.6	1.6	1.8	1.9	2.0	2.0	2.0	2.1	2.0	1.8	1.6	1.7	1.5
	Wadsworth	Kipling	1.454	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4
	Total		13.540	21.6	27.6	44.4	68.6	73.8	65.2	57.6	54.5	60.0	52.2	36.0	33.3	34.1	28.1
<b>WB C-470 - Travel Time Saving</b>	I-25	Yosemite	0.622	0.5	3.6	16.9	25.8	35.6	28.0	17.5	8.9	6.2	2.5	2.6	3.6	4.6	3.9
	Yosemite	Quebec	1.401	5.0	6.7	8.1	9.6	10.0	9.0	8.3	7.8	5.7	3.9	3.2	5.0	7.0	4.1
	Quebec	Colorado	2.063	1.8	2.7	4.6	5.3	5.6	5.5	5.5	5.1	4.9	7.7	1.9	2.4	4.0	4.1
	Colorado	University	1.030	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.4	4.2	4.8	1.2	0.3	0.4	0.3
	University	Broadway	1.489	0.1	0.1	0.1	0.1	0.1	0.2	0.2	1.9	7.3	5.3	2.0	0.1	0.1	0.0
	Broadway	Lucent	1.181	0.0	0.1	0.1	0.1	0.1	0.1	1.0	4.9	6.5	4.9	2.3	0.0	0.0	0.0
	Lucent	Platte Canyon	1.403	0.0	0.1	0.1	0.1	0.2	1.5	4.8	6.2	5.7	4.6	3.8	0.7	0.0	0.0
	Platte Canyon	Santa Fe	1.581	0.0	0.1	0.1	0.5	1.9	3.7	4.2	3.9	3.6	3.3	3.8	5.7	2.9	0.9
	Santa Fe	Wadsworth	1.529	0.0	0.0	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.1	0.0	0.0	0.0
	Wadsworth	Kipling	1.454	-0.1	-0.1	0.0	0.0	-0.1	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
	Total		13.540	7.5	13.5	30.3	41.9	54.1	48.6	42.0	39.1	44.4	37.2	20.8	17.8	18.8	13.4

**Table 2b**  
**Eastbound Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>EB C-470 - Managed Lane</b>	Kipling	Wadsworth	1.454	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.4	1.4	1.4	1.4	1.4	1.3	1.3
	Wadsworth	Platte Canyon	1.530	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.4	1.4	1.4
	Platte Canyon	Santa Fe	1.569	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Santa Fe	Lucent	1.403	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	Lucent	Broadway	1.204	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	Broadway	University	1.473	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.3	1.4	1.3	1.4	1.3	1.3	1.3
	University	Colorado	1.026	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
	Colorado	Quebec	2.068	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
	Quebec	Yosemite	1.388	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2
	Yosemite	I-25	0.635	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
	<b>Total</b>		<b>13.749</b>	<b>12.7</b>	<b>12.7</b>	<b>12.7</b>	<b>12.7</b>	<b>12.7</b>	<b>12.8</b>	<b>12.8</b>	<b>12.7</b>	<b>12.8</b>	<b>12.8</b>	<b>12.8</b>	<b>12.8</b>	<b>12.7</b>	<b>12.5</b>
<b>EB C-470 - General Purpose Lanes</b>	Kipling	Wadsworth	1.454	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3
	Wadsworth	Platte Canyon	1.530	1.5	1.5	1.5	1.6	1.6	1.7	1.5	1.5	1.6	1.6	1.6	1.6	1.5	1.4
	Platte Canyon	Santa Fe	1.569	1.6	1.6	1.6	1.6	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5
	Santa Fe	Lucent	1.403	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.4	1.5	1.5	1.5	1.5	1.4	1.3
	Lucent	Broadway	1.204	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.3	1.2	1.2	1.1
	Broadway	University	1.473	1.5	1.5	1.6	1.6	1.7	1.8	1.6	1.5	1.5	1.5	1.9	1.8	1.5	1.4
	University	Colorado	1.026	1.1	1.1	1.1	1.1	1.2	1.2	1.1	1.0	1.0	1.0	1.1	1.3	1.0	1.0
	Colorado	Quebec	2.068	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.2	2.1	2.0
	Quebec	Yosemite	1.388	1.4	1.4	1.4	1.4	1.7	3.5	4.1	1.4	1.4	1.4	1.4	1.4	1.4	1.3
	Yosemite	I-25	0.635	0.7	0.7	0.7	0.7	1.1	1.4	1.1	0.7	0.7	0.7	0.8	0.8	0.8	0.6
	<b>Total</b>		<b>13.749</b>	<b>14.0</b>	<b>13.9</b>	<b>14.0</b>	<b>14.2</b>	<b>15.3</b>	<b>17.8</b>	<b>17.4</b>	<b>14.0</b>	<b>14.1</b>	<b>14.0</b>	<b>14.9</b>	<b>14.9</b>	<b>13.9</b>	<b>13.1</b>
<b>EB C-470 - Travel Time Saving</b>	Kipling	Wadsworth	1.454	0.1	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0
	Wadsworth	Platte Canyon	1.530	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.0
	Platte Canyon	Santa Fe	1.569	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.0
	Santa Fe	Lucent	1.403	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.0
	Lucent	Broadway	1.204	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.0
	Broadway	University	1.473	0.2	0.2	0.2	0.2	0.3	0.4	0.2	0.2	0.2	0.2	0.6	0.5	0.1	0.1
	University	Colorado	1.026	0.1	0.1	0.1	0.1	0.3	0.3	0.2	0.1	0.1	0.1	0.2	0.4	0.1	0.1
	Colorado	Quebec	2.068	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.2	0.1
	Quebec	Yosemite	1.388	0.1	0.1	0.1	0.1	0.4	2.2	2.9	0.1	0.1	0.1	0.1	0.2	0.1	0.1
	Yosemite	I-25	0.635	0.1	0.1	0.1	0.1	0.5	0.8	0.5	0.1	0.1	0.1	0.2	0.2	0.2	0.0
	<b>Total</b>		<b>13.749</b>	<b>1.3</b>	<b>1.3</b>	<b>1.3</b>	<b>1.5</b>	<b>2.5</b>	<b>4.9</b>	<b>4.7</b>	<b>1.3</b>	<b>1.3</b>	<b>1.3</b>	<b>2.1</b>	<b>2.1</b>	<b>1.2</b>	<b>0.5</b>

**Table 2c**  
**I-25 Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>NB I-25</b>	Lincoln	C-470	1.323	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	C-470	Countyline	0.761	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
	Total		2.084	2.0	2.0	2.0	2.1	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
<b>SB I-25</b>	Countyline	C-470	0.761	0.8	0.8	0.8	0.9	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.0	0.9	
	C-470	Lincoln	1.323	1.3	1.4	1.3	1.4	1.4	1.5	1.5	1.6	1.5	1.7	1.9	1.5	1.4	
	Total		2.084	2.1	2.2	2.2	2.3	2.5	2.4	2.5	2.6	2.5	2.7	3.0	2.4	2.4	2.2

**Table 2d**  
**NB/SB I-25 Ramp to C-470 WB Travel Time**

	From	To	Distance (mi)	Model Travel Time (mins)													
				13:00 - 13:30	13:30 - 14:00	14:00 - 14:30	14:30 - 15:00	15:00 - 15:30	15:30 - 16:00	16:00 - 16:30	16:30 - 17:00	17:00 - 17:30	17:30 - 18:00	18:00 - 18:30	18:30 - 19:00	19:00 - 19:30	19:30 - 20:00
<b>NB I-25 - General Purpose</b>	Lincoln	Yosemite	1.963	2.5	3.1	4.0	5.8	10.0	10.8	6.0	3.5	3.4	3.0	3.2	3.2	3.1	
	Yosemite	Quebec	1.402	6.4	8.1	9.6	11.1	11.5	10.5	9.8	9.2	7.1	5.3	4.6	6.4	8.4	
	Total		3.365	8.9	11.2	13.6	16.9	21.5	21.4	15.8	12.7	10.5	8.3	7.8	9.6	11.5	8.2
<b>NB I-25 - Managed Lane</b>	Lincoln	Yosemite	1.967	2.3	2.3	2.5	3.0	6.8	7.2	3.6	2.6	2.7	2.6	2.8	2.6	2.3	
	Yosemite	Quebec	1.398	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	
	Total		3.364	3.8	3.9	4.1	4.6	8.3	8.8	5.1	4.2	4.3	4.1	4.4	4.2	3.8	3.8
<b>SB I-25 - General Purpose</b>	Countyline	Yosemite	1.142	1.4	2.3	3.7	5.8	7.2	6.0	3.9	2.6	2.4	1.9	1.8	2.0	2.4	
	Yosemite	Quebec	1.402	6.4	8.1	9.6	11.1	11.5	10.5	9.8	9.2	7.1	5.3	4.6	6.4	8.4	
	Total		2.544	7.9	10.4	13.3	16.9	18.7	16.5	13.7	11.8	9.5	7.2	6.5	8.4	10.9	7.4
<b>SB I-25 - Managed Lane</b>	Countyline	Yosemite	1.187	1.3	1.3	1.3	1.4	1.5	1.4	1.4	1.4	1.5	1.5	1.4	1.4	1.4	
	Yosemite	Quebec	1.398	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.5	
	Total		2.585	2.8	2.8	2.8	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.9	2.8



Table 4  
Posted Toll Log

Table with columns for From Time, To Time, and categories: Westbound Transponder Users (From SB I-25 to, From NB I-25 to, From E-470 to, From Quebec to, From University to, From Broadway to, From Kipling to, From Wadsworth to, From Lucent to, From Broadway to, From University to), Westbound License Plate Users (From SB I-25 to, From NB I-25 to, From E-470 to, From Quebec to, From University to, From Broadway to, From Kipling to, From Wadsworth to, From Lucent to, From Broadway to, From University to), and Eastbound License Plate Users (From Kipling to, From Wadsworth to, From Lucent to, From Broadway to, From University to).

Table 5a  
Westbound Managed Lane Speed

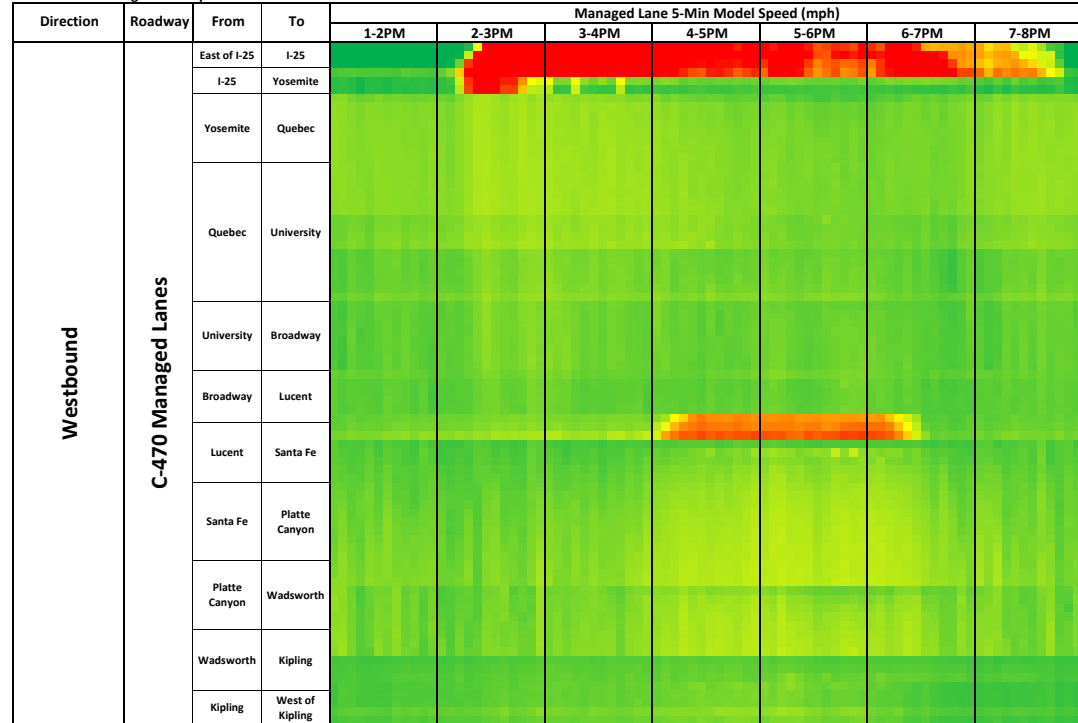


Table 5b  
Westbound General Purpose Lane Speed

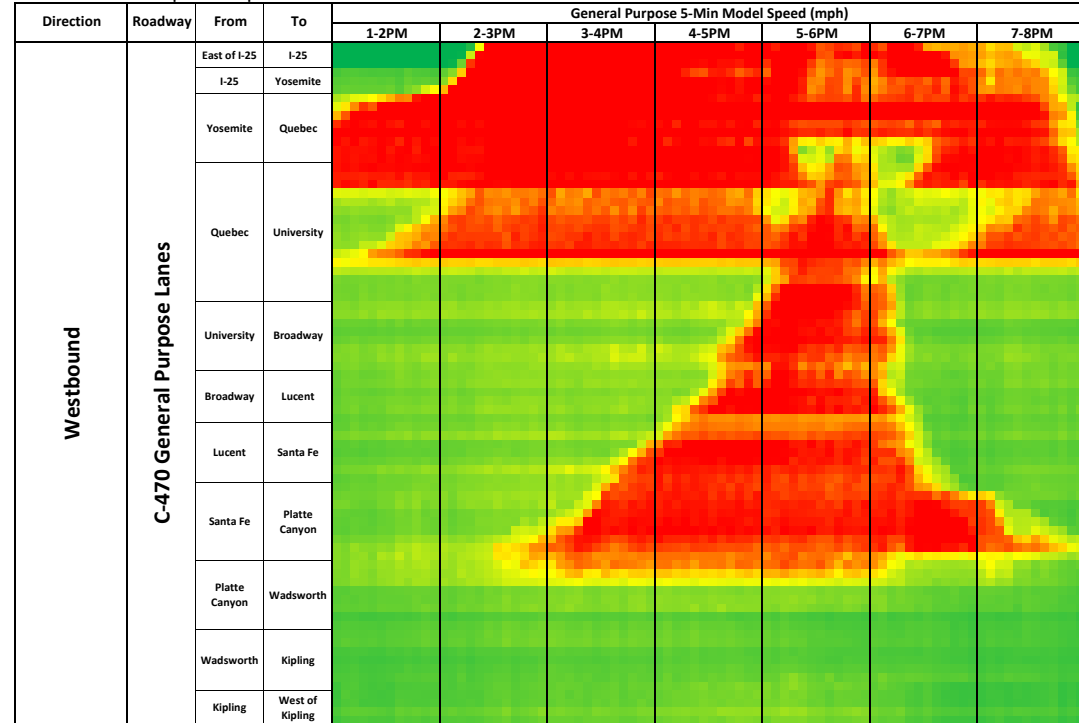


Table 5c  
Eastbound Managed Lane Speed

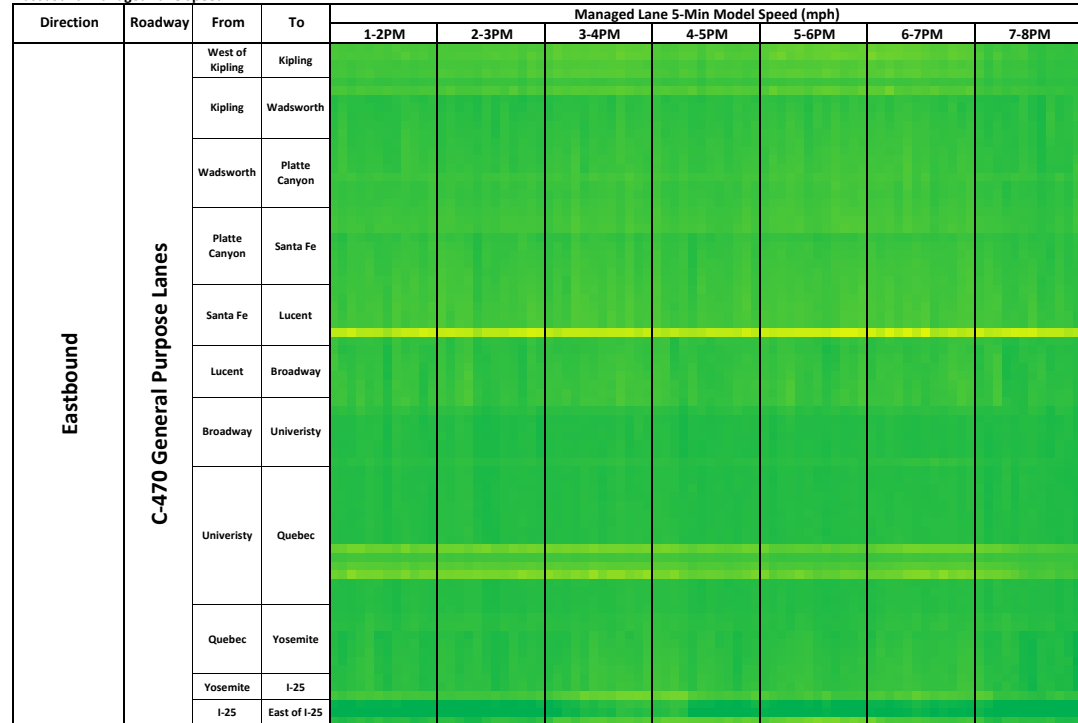


Table 5d  
Eastbound General Purpose Lane Speed

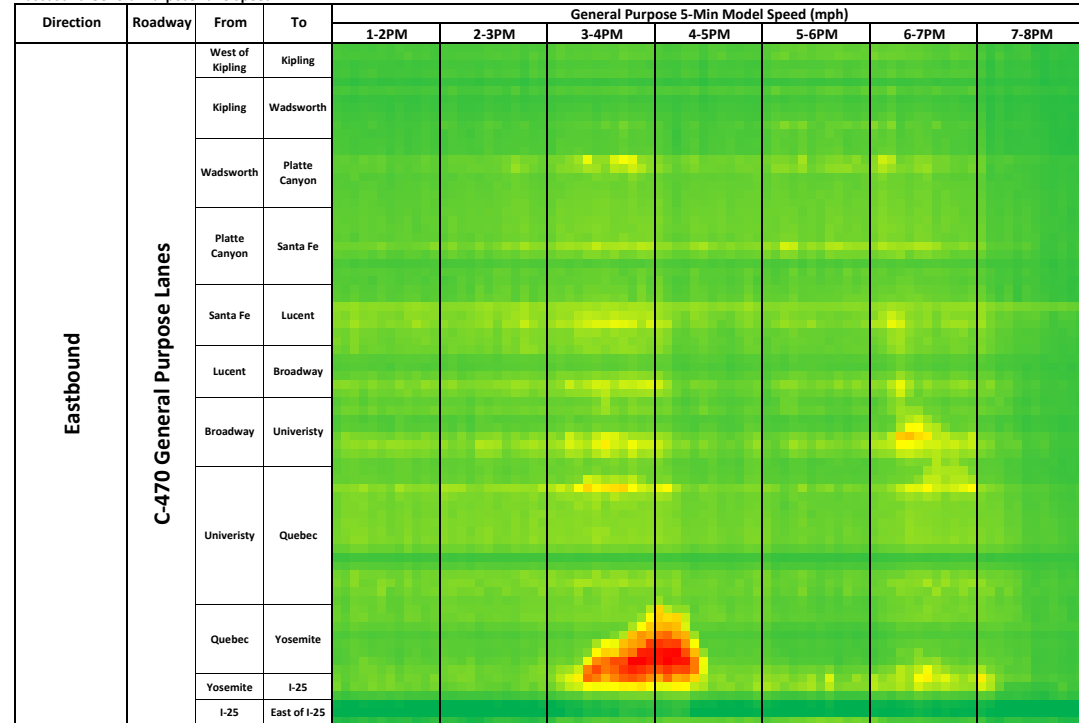


Table 5e  
NB I-25 Speed

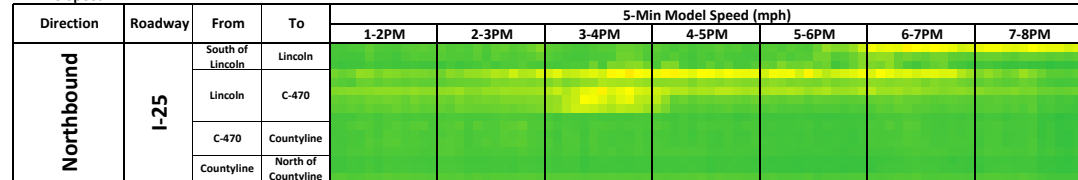


Table 5f  
SB I-25 Speed

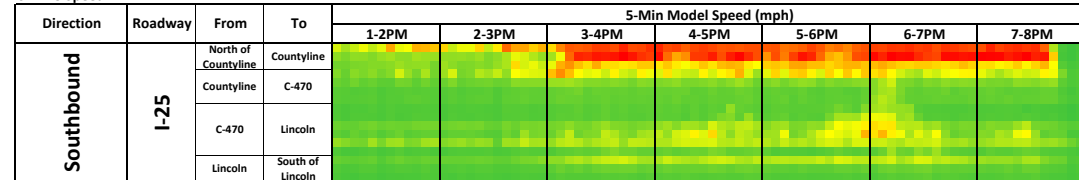


Table 6a  
Westbound Managed Lane Volume

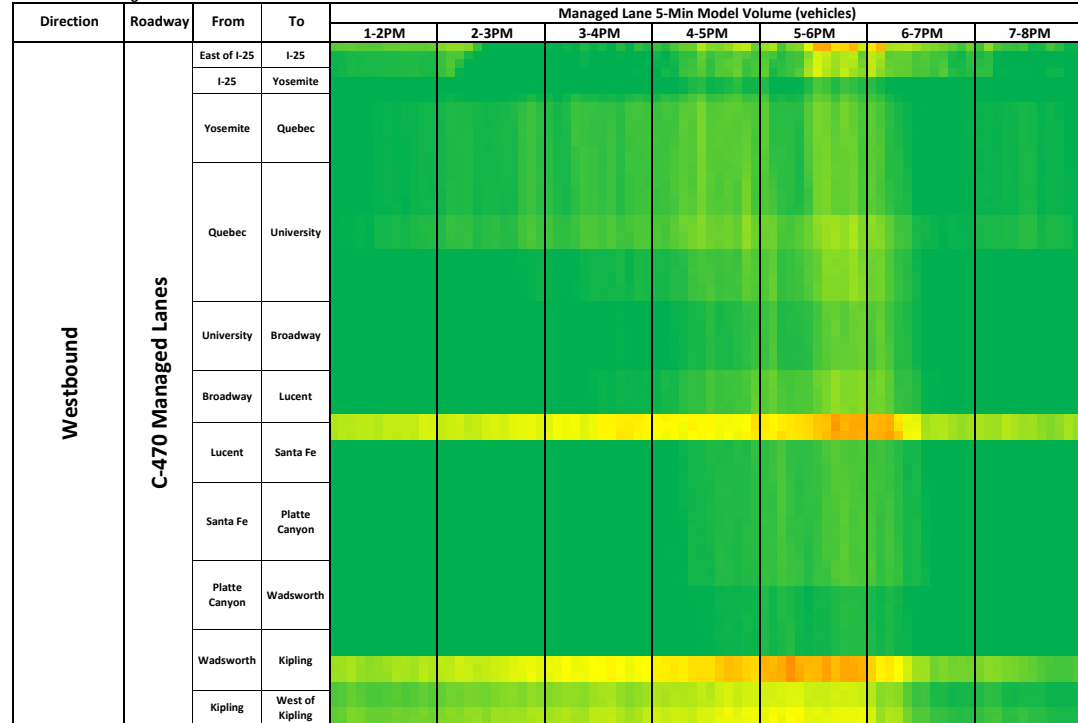


Table 6b  
Westbound General Purpose Lane Volume

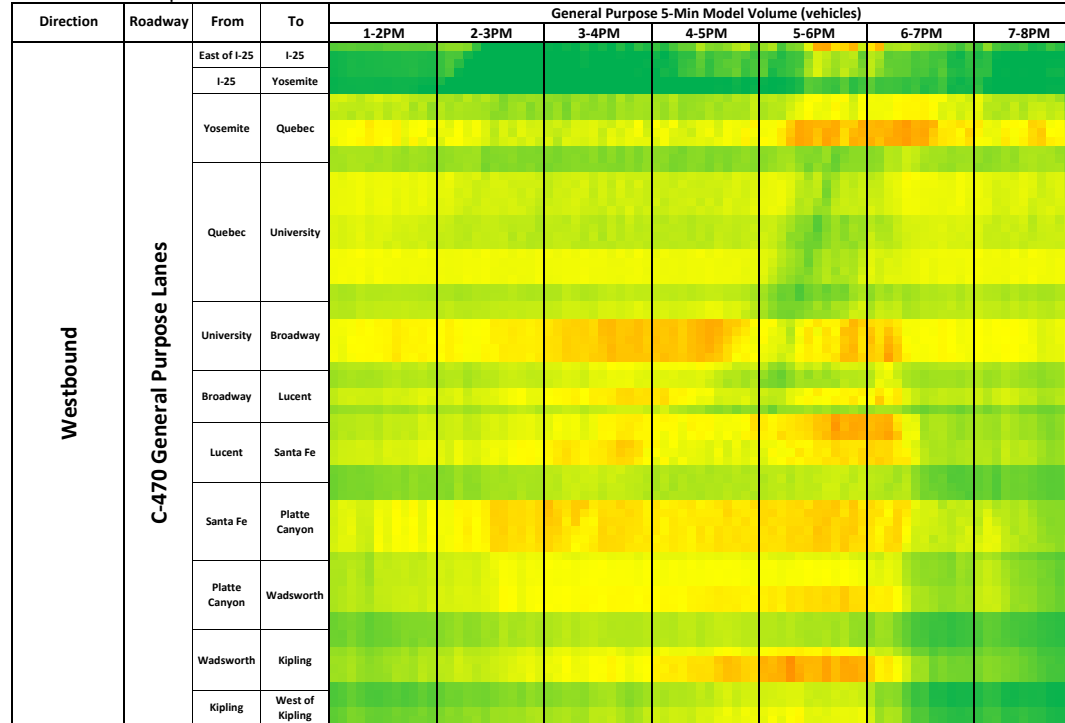


Table 6c  
Eastbound Managed Lane Volume

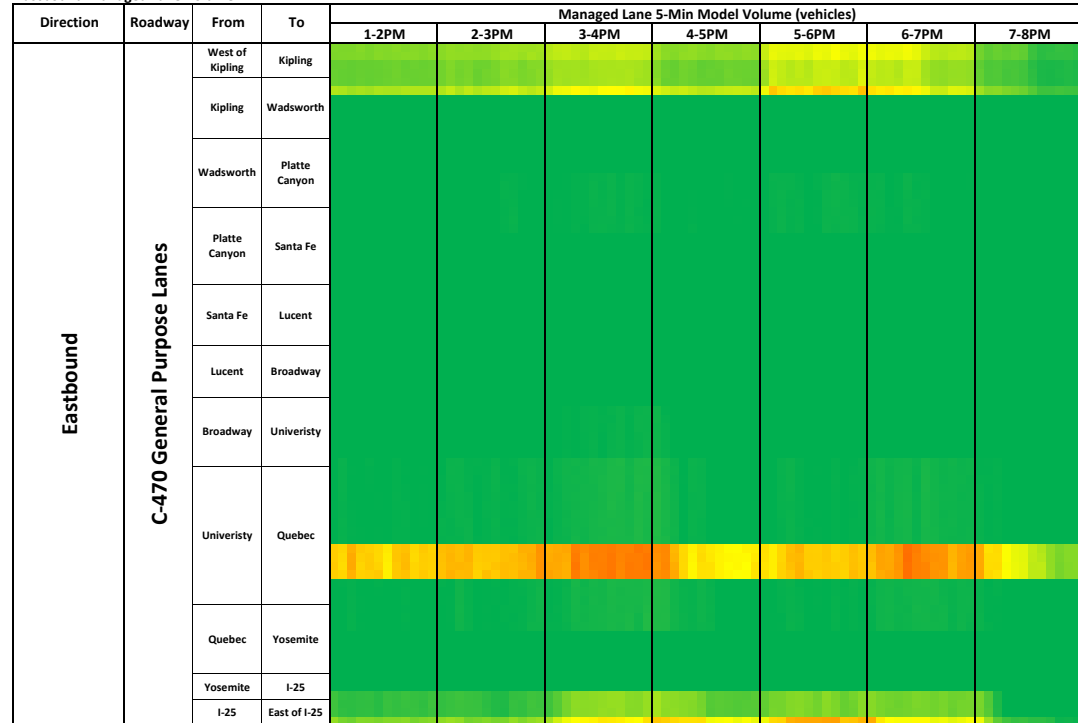


Table 6d  
Eastbound General Purpose Lane Volume

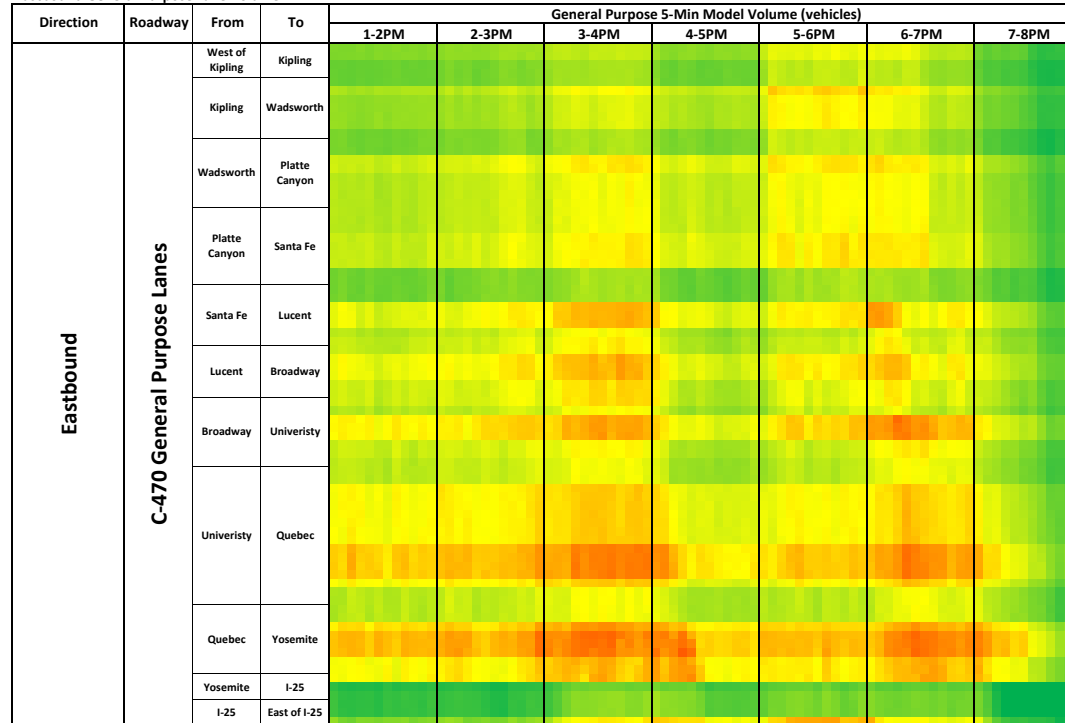


Table 6e  
NB I-25 Volume

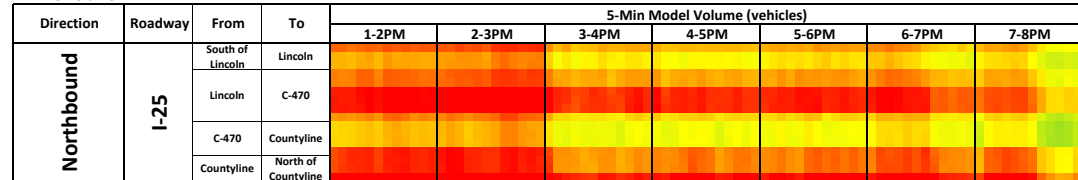


Table 6f  
SB I-25 Volume

