

**Attachment "F"**

**V/C Ratio Calculations for Eligibility Determination**

**Technical Memorandum #7**

**September 21, 2007**

Project Name

	Enter V/C Ratio	Difference	Percent
Without		100	50%
With		100	50%
	Total	200	

	Enter V/C Ratio	Difference	Percent
Without		100	50%
With		100	50%
	Total	200	

	Enter V/C Ratio	Difference	Percent
Without		100	50%
With		100	50%
	Total	200	

Average			
Without			50%
With			50%
	Total		100%

# Project Name

## Riverside Extention (Phase I & II)

	2015 V/C Ratio	At Capacity	Difference	Percent Deficient	New Capacity
<b><u>Spokane Falls &amp; Riverpoint</u></b>					
Without Project	24	61	37	43%	
With Project	12	61	<u>49</u>		57%
	<b>Total</b>		86		
<b><u>Spokane Falls &amp; Main</u></b>					
Without Project	92	61	-31	61%	
With Project	81	61	<u>-20</u>		39%
	<b>Total</b>		-51		
<b><u>Spokane Falls &amp; Main</u></b>					
Without Project	41	61	20	43%	
With Project	35	61	<u>26</u>		57%
	<b>Total</b>		46		
<b><u>Riverside &amp; Main</u></b>					
Without Project	59	61	2	82%	
With Project	70	61	<u>9</u>		18%
	<b>Total</b>		11		
<b><u>AVERAGE</u></b>					
Without Project				57%	
With Project					43%

## Project Name

Francis and  
Assembly

	2015 V/C Ratio	At Capacity	Difference	Percent Deficient	New Capacity
<b><u>Winston &amp; Driscoll</u></b>					
Without Project	51	61	10	37%	
With Project	44	61	<u>17</u>		63%
	<b>Total</b>		27		
<b><u>Francis &amp; Driscoll</u></b>					
Without Project	60	61	1	3%	
With Project	32	61	<u>29</u>		97%
	<b>Total</b>		30		
<b><u>Driscoll N. of Rowan</u></b>					
Without Project	44	61	17	43%	
With Project	38	61	<u>23</u>		58%
	<b>Total</b>		40		
<b><u>Francis &amp; Nine Mile</u></b>					
Without Project	75	61	14	46%	
With Project	73	61	<u>12</u>		54%
	<b>Total</b>		26		
<b><u>AVERAGE</u></b>					
Without Project				32%	
With Project					68%

## Project Name

44th  
Extension

	2015 V/C Ratio	At Capacity	Difference	Percent Deficient	New Capacity
<b><u>37th &amp; Regal</u></b>					
Without Project	56	61	5	26%	
With Project	47	61	<u>14</u>		74%
	<b>Total</b>		19		
<b><u>37th &amp; Ray</u></b>					
Without Project	56	61	5	56%	
With Project	57	61	<u>4</u>		44%
	<b>Total</b>		9		
<b><u>44th &amp; Regal</u></b>					
Without Project	49	61	12	34%	
With Project	38	61	<u>23</u>		66%
	<b>Total</b>		35		
<b><u>37th &amp; Freya</u></b>					
Without Project	60	61	1	3%	
With Project	28	61	<u>33</u>		97%
	<b>Total</b>		34		
<b><u>42nd &amp; Freya</u></b>					
Without Project	67	61	6	17%	
With Project	31	61	<u>30</u>		83%
	<b>Total</b>		36		
<b><u>AVERAGE</u></b>					
Without Project				27%	
With Project					73%



## Project Name

Ray Street  
Connection

	2015 V/C Ratio	At Capacity	Difference	Percent Deficient	New Capacity
<b><u>37th &amp; Regal</u></b>					
Without Project	56	61	5	26%	
With Project	47	61	<u>14</u>		74%
	<b>Total</b>		19		
<b><u>37th &amp; Ray</u></b>					
Without Project	56	61	5	56%	
With Project	57	61	<u>4</u>		44%
	<b>Total</b>		9		
<b><u>37th &amp; Freya</u></b>					
Without Project	60	61	1	3%	
With Project	28	61	<u>33</u>		97%
	<b>Total</b>		34		
<b><u>29th &amp; Ray</u></b>					
Without Project	45	61	16	64%	
With Project	52	61	<u>9</u>		36%
	<b>Total</b>		25		
<b><u>29th &amp; Freya</u></b>					
Without Project	56	61	5	23%	
With Project	44	61	<u>17</u>		77%
	<b>Total</b>		22		
<b><u>AVERAGE</u></b>					
Without Project				34%	
With Project					66%

## Project Name

### 37th Regal to Glenrose

	2015 V/C Ratio	At Capacity	Difference	Percent Deficient	New Capacity
<b><u>37th &amp; Regal</u></b>					
Without Project	56	61	5	26%	
With Project	47	61	<u>14</u>		74%
	<b>Total</b>		19		
<b><u>37th &amp; Ray</u></b>					
Without Project	56	61	5	56%	
With Project	57	61	<u>4</u>		44%
	<b>Total</b>		9		
<b><u>37th &amp; Freya</u></b>					
Without Project	60	61	1	3%	
With Project	28	61	<u>33</u>		97%
	<b>Total</b>		34		
<b><u>37th &amp; Havana</u></b>					
Without Project	22	61	39	50%	
With Project	22	61	<u>39</u>		50%
	<b>Total</b>		78		
<b><u>37th &amp; Glenrose</u></b>					
Without Project	41	61	20	51%	
With Project	42	61	<u>19</u>		49%
	<b>Total</b>		39		
<b><u>AVERAGE</u></b>					
Without Project				37%	
With Project					63%

## Project Name

### Sunset & Assembly

	2015 V/C Ratio	At Capacity	Difference	Percent Deficient	New Capacity
<u>Sunset &amp; Assembly</u>					
Without Project	67	61	-6	67%	
With Project	64	61	<u>-3</u>		33%
Total			-9		

### Sunset & Rustle

Without Project	68	61	-7	54%	
With Project	67	61	<u>-6</u>		46%
Total			-13		

### Assembly North of Sunset

Without Project	13	61	48	46%	
With Project	4	61	<u>57</u>		54%
Total			105		

### Deska & Assembly

Without Project	10	61	51	47%	
With Project	4	61	<u>57</u>		53%
Total			108		

### AVERAGE

Without Project				53%	
With Project					47%

## Project Name

### Broadway Realignment

	2015 V/C Ratio	At Capacity	Difference	Percent Deficient	New Capacity
<b><u>Freya North of Broadway</u></b>					
Without Project	52	61	9	43%	
With Project	49	61	<u>12</u>		57%
	<b>Total</b>		21		
<b><u>Freya South of Alki</u></b>					
Without Project	42	61	19	53%	
With Project	44	61	<u>17</u>		47%
	<b>Total</b>		36		
<b><u>Broadway &amp; Havana</u></b>					
Without Project	60	61	1	25%	
With Project	58	61	<u>3</u>		75%
	<b>Total</b>		4		
<b><u>AVERAGE</u></b>					
Without Project				40%	
With Project					60%



## Project Name

Crestline: Lincoln to Magnesium

	2015 V/C Ratio	At Capacity	Difference	Percent Deficient	New Capacity
<b><u>Lincoln &amp; Crestline</u></b>					
Without Project	54	61	7	37%	
With Project	49	61	<u>12</u>		63%
<b>Total</b>			19		
<b><u>Magnesium &amp; Crestline</u></b>					
Without Project	42	61	19	40%	
With Project	33	61	<u>28</u>		60%
<b>Total</b>			47		
<b><u>Lincoln East of Crestline</u></b>					
Without Project	23	61	38	46%	
With Project	17	61	<u>44</u>		54%
<b>Total</b>			82		
<b><u>Lincoln West of Crestline</u></b>					
Without Project	18	61	43	49%	
With Project	19	61	<u>42</u>		51%
<b>Total</b>			85		
<b><u>Magnesium West of Crestline</u></b>					
Without Project	23	61	38	49%	
With Project	25	61	<u>36</u>		51%
<b>Total</b>			74		
<b><u>Magnesium East of Crestline</u></b>					
Without Project	35	61	26	57%	
With Project	27	61	<u>34</u>		43%
<b>Total</b>			60		
<b><u>AVERAGE</u></b>					
Without Project				46%	
With Project					54%

## Project Name

Five Mile Ash to Lincoln

	2015 V/C Ratio	At Capacity	Difference	Percent Deficient	New Capacity
<b><u>Five Mile &amp; Belt</u></b>					
Without Project	66	61	5	29%	
With Project	49	61	12		71%
	<b>Total</b>		17		
<b><u>Five Mile North of Belt</u></b>					
Without Project	37	61	24	44%	
With Project	31	61	30		56%
	<b>Total</b>		54		
<b><u>AVERAGE</u></b>					
Without Project				37%	
With Project					63%

## Project Name

### Five Mile Lincoln to Strong

	2015 V/C Ratio	At Capacity	Difference	Percent Deficient	New Capacity
<b><u>Five Mile &amp; Lincoln</u></b>					
Without Project	37	61	24	38%	
With Project	22	61	<u>39</u>		62%
	<b>Total</b>		63		
<b><u>Five Mile North of Lincoln</u></b>					
Without Project	31	61	30	39%	
With Project	15	61	<u>46</u>		61%
	<b>Total</b>		76		

#### **AVERAGE**

Without Project				39%	
With Project					61%

## Project Name

### Cheney-Spokane Interchange

	2015 V/C Ratio	At Capacity	Difference	Percent Deficient	New Capacity
<b><u>Northbound US 195</u></b>					
Without Project	45	61	16	33%	
With Project	28	61	<u>33</u>		67%
	<b>Total</b>		49		
<b><u>Southbound US 195</u></b>					
Without Project	49	61	12	40%	
With Project	43	61	<u>18</u>		60%
	<b>Total</b>		30		
<b><u>AVERAGE</u></b>					
Without Project				36%	
With Project					64%

## Project Name

Lyons: Crestline to Nevada

	2015 V/C Ratio	At Capacity	Difference	Percent Deficient	New Capacity
<b><u>Lyons &amp; Nevada</u></b>					
Without Project	61	61	0	0%	
With Project	51	61	<u>10</u>		100%
	<b>Total</b>		10		
<b><u>Nevada North of Lyons</u></b>					
Without Project	35	61	26	45%	
With Project	29	61	<u>32</u>		55%
	<b>Total</b>		58		
<b><u>Crestline North of Lyons</u></b>					
Without Project	28	61	33	43%	
With Project	18	61	<u>43</u>		57%
	<b>Total</b>		76		
<b><u>AVERAGE</u></b>					
Without Project				29%	
With Project					71%

**Project Name**

**5th & Sherman**

	<b>2015</b>			<b>Percent</b>	<b>New</b>
	<b>V/C Ratio</b>	<b>At Capacity</b>	<b>Difference</b>	<b>Deficient</b>	<b>Capacity</b>
<b><u>5th &amp; Sherman</u></b>					
Without Project	<b>59</b>	61	2	<b>10%</b>	
With Project	<b>42</b>	61	<u>19</u>		<b>90%</b>
	<b>Total</b>		21		

<b><u>AVERAGE</u></b>					
Without Project				<b>10%</b>	
With Project					<b>90%</b>

## Project Name

I-90 WB Offramp @ Walnut

	2015 V/C Ratio	At Capacity	Difference	Percent Deficient	New Capacity
<b><u>5th &amp; Sherman</u></b>					
Without Project	46	61	15	48%	
With Project	45	61	<u>16</u>		52%
	<b>Total</b>		31		

<b><u>AVERAGE</u></b>					
Without Project				48%	
With Project					52%

## Project Name

I-90 EB Offramp @ Maple

	2015 V/C Ratio	At Capacity	Difference	Percent Deficient	New Capacity
<b><u>5th &amp; Sherman</u></b>					
Without Project	39	61	22	49%	
With Project	38	61	<u>23</u>		51%
	<b>Total</b>		45		

### **AVERAGE**

Without Project				49%	
With Project					51%