

## Option Package 1c - Constrained Baseline with Delta/Lombard and Rose Quarter Improvements

### Evaluation Measure 1.1.A: Area-to-Area AM Peak Period Travel Times

		Downtown Portland	Northwest Industrial Area	OHSU	Hillsboro	Wilsonville	Hwy. 212 east of I-205 <sup>2</sup>	Gresham	Gateway	Central Industrial Eastside	Lloyd Center	Swan Island	North Portland <sup>3</sup>	Portland Airport	Columbia Blvd. east of MLK	Terminal 6	Port of Vancouver	Vancouver CBD	Clark College	Vancouver east of I-5 <sup>4</sup>	Vancouver Mall	Salmon Creek	Ridgefield	Camas	Battleground
Downtown Portland	SOV	1.8	9.7	16.7	34.3	30.8	22.1	24.9	11.5	2.9	6.3	10.3	9.9	19.3	13.7	20.3	18.1	16.4	17	17.9	23	23.2	34.8	27.5	35.7
	HOV	1.8	9.7	16.7	34.3	30.8	22.1	24.9	11.5	2.9	6.3	10.3	9.9	19.3	13.7	20.3	18.1	16.4	17	17.9	23	23.2	34.8	27.5	35.7
	Transit	N/A <sup>1</sup>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Northwest Industrial Area	SOV	8.3	2.1	18.3	34.8	34	27.5	28.4	15	8.5	8.4	9.1	8.7	21.3	12.5	19	16.8	15	15.6	16.6	21.7	21.9	33.4	28.6	34.4
	HOV	8.3	2.1	18.3	34.8	34	27.5	28.4	15	8.5	8.4	9.1	8.7	21.3	12.5	19	16.8	15	15.6	16.6	21.7	21.9	33.4	28.6	34.4
	Trucks	8.3	2.1	18.3	34.8	34	27.5	28.4	15	8.5	8.4	9.1	8.7	21.3	12.5	19	16.8	15	15.6	16.6	21.7	21.9	33.4	28.6	34.4
OHSU	SOV	9.4	12.3	2.7	33.2	29	24.5	30.5	17.1	9	12	13.5	13.1	24.8	16.9	23.3	21.1	19.4	20	20.9	26	26.2	37.8	33	38.7
	HOV	9.4	12.3	2.7	33.2	29	24.5	30.5	17.1	9	12	13.5	13.1	24.8	16.9	23.3	21.1	19.4	20	20.9	26	26.2	37.8	33	38.7
	Trucks	9.4	12.3	2.7	33.2	29	24.5	30.5	17.1	9	12	13.5	13.1	24.8	16.9	23.3	21.1	19.4	20	20.9	26	26.2	37.8	33	38.7
Hillsboro	SOV	35.7	38	39.9	1	43.8	53.1	56.8	43.4	35.4	38.2	39.2	38.8	51.2	42.6	49	46.8	45.1	45.7	46.6	51.7	51.9	63.5	58.7	64.4
	HOV	35.7	38	39.9	1	43.8	53.1	56.8	43.4	35.4	38.2	39.2	38.8	51.2	42.6	49	46.8	45.1	45.7	46.6	51.7	51.9	63.5	58.7	64.4
	Trucks	35.7	38	39.9	1	43.8	53.1	56.8	43.4	35.4	38.2	39.2	38.8	51.2	42.6	49	46.8	45.1	45.7	46.6	51.7	51.9	63.5	58.7	64.4
Wilsonville	SOV	37.7	40.6	40.5	45.3	1.9	28.4	49.5	42.6	35.2	38.3	41.6	41.2	49.8	45	51.6	49.4	47.7	48.3	49.2	54.3	54.5	66	57.4	66.1
	HOV	37.7	40.6	40.5	45.3	1.9	28.4	49.5	42.6	35.2	38.3	41.6	41.2	49.8	45	51.6	49.4	47.7	48.3	49.2	54.3	54.5	66	57.4	66.1
	Trucks	37.7	40.6	40.5	45.3	1.9	28.4	49.5	42.6	35.2	38.3	41.6	41.2	49.8	45	51.6	49.4	47.7	48.3	49.2	54.3	54.5	66	57.4	66.1
Hwy. 212 east of I-205 <sup>2</sup>	SOV	33.9	38.8	43.4	63	37.1	1.7	22.8	19.9	28.7	31.4	37.5	36.3	27.1	33.2	44	35.9	34.2	35.2	34.7	32.9	37.3	48.5	34.7	43.4
	HOV	33.9	38.8	43.4	63	37.1	1.7	22.8	19.9	28.7	31.4	37.5	36.3	27.1	33.2	44	35.9	34.2	35.2	34.7	32.9	37.3	48.5	34.7	43.4
	Trucks	33.9	38.8	43.4	63	37.1	1.7	22.8	19.9	28.7	31.4	37.5	36.3	27.1	33.2	44	35.9	34.2	35.2	34.7	32.9	37.3	48.5	34.7	43.4
Gresham	SOV	36.3	40.4	48.2	66.5	59.3	26.6	1.1	18	32.2	32.3	38.9	34.3	23.4	30.4	38	34.6	32.8	33.9	33.3	31.5	35.9	47.2	33.4	42
	HOV	36.3	40.4	48.2	66.5	59.3	26.6	1.1	18	32.2	32.3	38.9	34.3	23.4	30.4	38	34.6	32.8	33.9	33.3	31.5	35.9	47.2	33.4	42
	Trucks	36.3	40.4	48.2	66.5	59.3	26.6	1.1	18	32.2	32.3	38.9	34.3	23.4	30.4	38	34.6	32.8	33.9	33.3	31.5	35.9	47.2	33.4	42
Gateway	SOV	22	24.2	34.5	51.5	48.3	19.2	15.1	1.6	18	16.8	22.5	19.8	11.6	16.2	27.1	21.4	19.7	20.7	20.2	18.4	22.8	34	20.2	28.9
	HOV	22	24.2	34.5	51.5	48.3	19.2	15.1	1.6	18	16.8	22.5	19.8	11.6	16.2	27.1	21.4	19.7	20.7	20.2	18.4	22.8	34	20.2	28.9
	Trucks	22	24.2	34.5	51.5	48.3	19.2	15.1	1.6	18	16.8	22.5	19.8	11.6	16.2	27.1	21.4	19.7	20.7	20.2	18.4	22.8	34	20.2	28.9
Central Industrial Eastside	SOV	5.1	10.1	17.7	35.8	31.8	19.6	22.9	9.4	1.2	3.4	8.9	8.2	17.2	11.2	18.9	16.7	15	15.6	16.5	21.6	21.8	33.4	25.4	34.1
	HOV	5.1	10.1	17.7	35.8	31.8	19.6	22.9	9.4	1.2	3.4	8.9	8.2	17.2	11.2	18.9	16.7	15	15.6	16.5	21.6	21.8	33.4	25.4	34.1
	Trucks	5.1	10.1	17.7	35.8	31.8	19.6	22.9	9.4	1.2	3.4	8.9	8.2	17.2	11.2	18.9	16.7	15	15.6	16.5	21.6	21.8	33.4	25.4	34.1
Lloyd Center	SOV	7.2	9.6	19.5	36.3	34.5	22.3	22.7	9.3	3.6	1.4	7.9	6.9	17.1	10	17.9	15.8	14	14.6	15.6	20.6	20.8	32.4	25.3	33.4
	HOV	7.2	9.6	19.5	36.3	34.5	22.3	22.7	9.3	3.6	1.4	7.9	6.9	17.1	10	17.9	15.8	14	14.6	15.6	20.6	20.8	32.4	25.3	33.4
	Trucks	7.2	9.6	19.5	36.3	34.5	22.3	22.7	9.3	3.6	1.4	7.9	6.9	17.1	10	17.9	15.8	14	14.6	15.6	20.6	20.8	32.4	25.3	33.4
Swan Island	SOV	10.2	11.1	21.5	38.3	36.9	26.9	27.7	14.2	7.8	7.4	1.8	5.4	17.4	8.7	15	12.9	11.1	11.7	12.7	17.8	18	29.5	24.7	30.5
	HOV	10.2	11.1	21.5	38.3	36.9	26.9	27.7	14.2	7.8	7.4	1.8	5.4	17.4	8.7	15	12.9	11.1	11.7	12.7	17.8	18	29.5	24.7	30.5
	Trucks	10.2	11.1	21.5	38.3	36.9	26.9	27.7	14.2	7.8	7.4	1.8	5.4	17.4	8.7	15	12.9	11.1	11.7	12.7	17.8	18	29.5	24.7	30.5
North Portland <sup>3</sup>	SOV	11.3	11.5	22	38.8	37.6	27.6	26.4	14.9	8.5	7.5	5.8	1.3	13.5	4.8	13.2	11.5	9.7	10.4	11.3	16.4	16.6	28.1	23.4	29.1
	HOV	11.3	11.5	22	38.8	37.6	27.6	26.4	14.9	8.5	7.5	5.8	1.3	13.5	4.8	13.2	11.5	9.7	10.4	11.3	16.4	16.6	28.1	23.4	29.1
	Trucks	11.3	11.5	22	38.8	37.6	27.6	26.4	14.9	8.5	7.5	5.8	1.3	13.5	4.8	13.2	11.5	9.7	10.4	11.3	16.4	16.6	28.1	23.4	29.1
Portland Airport	SOV	27	28.4	38.9	55.7	53.6	24.8	20.7	11.5	23	21.8	22.6	17.5	2.9	13.6	24.5	22.3	20.6	21.6	21.1	19.3	23.6	34.9	21.1	29.8
	HOV	27	28.4	38.9	55.7	53.6	24.8	20.7	11.5	23	21.8	22.6	17.5	2.9	13.6	24.5	22.3	20.6	21.6	21.1	19.3	23.6	34.9	21.1	29.8
	Trucks	27	28.4	38.9	55.7	53.6	24.8	20.7	11.5	23	21.8	22.6	17.5	2.9	13.6	24.5	22.3	20.6	21.6	21.1	19.3	23.6	34.9	21.1	29.8
Columbia Blvd. east of MLK	SOV	15.7	16.1	26.6	43.4	42.2	26	23.1	12.6	12	11	10.3	5.2	10	1.9	12.1	12	10.2	10.8	11.8	16.8	17.1	28.6	23.8	29.6
	HOV	15.7	16.1	26.6	43.4	42.2	26	23.1	12.6	12	11	10.3	5.2	10	1.9	12.1	12	10.2	10.8	11.8	16.8	17.1	28.6	23.8	29.6
	Trucks	15.7	16.1	26.6	43.4	42.2	26	23.1	12.6	12	11	10.3	5.2	10	1.9	12.1	12	10.2	10.8	11.8	16.8	17.1	28.6	23.8	29.6
Terminal 6	SOV	22.2	21.3	32.2	49	47.9	36.3	32	23	19.3	18.7	15.9	13	20.4	11.7	3.6	12.3	10.6	11.2	12.1	17.2	17.4	28.9	24.2	29.9
	HOV	20.5	20.1	30.5	47.4	46.2	36.3	32	23	17.7	17.4	14.3	12.6	20.4	11.7	3.6	12.3	10.6	11.2	12.1	17.2	17.4	28.9	24.2	29.9
	Trucks	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

## Option Package 1c - Constrained Baseline with Delta/Lombard and Rose Quarter Improvements

### Evaluation Measure 1.1.A: Area-to-Area AM Peak Period Travel Times

		Downtown Portland	Northwest Industrial Area	OHSU	Hillsboro	Wilsonville	Hwy. 212 2 east of I-205 <sup>2</sup>	Gresham	Gateway	Central Industrial Eastside	Lloyd Center	Swan Island	North Portland <sup>3</sup>	Portland Airport	Columbia Blvd. east of MLK	Terminal 6	Port of Vancouver	Vancouver CBD	Clark College	Vancouver east of I-5 <sup>4</sup>	Vancouver Mall	Salmon Creek	Ridgefield	Camas	Battleground	
	Trucks	22.2	21.3	32.2	49	47.9	36.3	32	23	19.3	18.7	15.9	13	20.4	11.7	3.6	12.3	10.6	11.2	12.1	17.2	17.4	28.9	24.2	29.9	
Port of Vancouver	SOV	34.7	34.3	44.7	61.5	60.4	35.5	32.6	22.9	31.7	31.1	28.5	25.4	21.1	24.1	24.7	1.1	3	4.6	5.5	10.9	11.1	22.3	19	23.6	
	HOV	31.4	30.9	41.4	58.2	57.1	35.5	32.6	22.9	28.6	28.2	25.2	23.5	21.1	24.1	24.7	1.1	3	4.6	5.5	10.9	11.1	22.3	19	23.6	
	Transit	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Trucks	34.7	34.3	44.7	61.5	60.4	35.5	32.6	22.9	31.7	31.1	28.5	25.4	21.1	24.1	24.7	1.1	3	4.6	5.5	10.9	11.1	22.3	19	23.6	
Vancouver CBD	SOV	33.1	32.7	43.1	59.9	58.8	33.9	31	21.3	30.1	29.5	26.9	23.8	19.5	22.4	23	3	1	3.2	4.1	9.5	9.7	21.2	17.4	22.2	
	HOV	29.8	29.3	39.8	56.6	55.4	33.9	31	21.3	26.9	26.6	23.6	21.8	19.5	22.4	23	3	1	3.2	4.1	9.5	9.7	21.2	17.4	22.2	
	Transit	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Trucks	33.1	32.7	43.1	59.9	58.8	33.9	31	21.3	30.1	29.5	26.9	23.8	19.5	22.4	23	3	1	3.2	4.1	9.5	9.7	21.2	17.4	22.2	
Clark College	SOV	34.9	34.5	44.9	61.7	60.6	34.6	31.7	22	31.9	31.3	28.7	25.6	20.2	24.2	24.8	4.7	3.4	1	1.7	7.8	9.9	21.4	18.1	20.5	
	HOV	31.6	31.1	41.6	58.4	57.2	34.6	31.7	22	28.7	28.4	25.4	23.6	20.2	24.2	24.8	4.7	3.4	1	1.7	7.8	9.9	21.4	18.1	20.5	
	Transit	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Trucks	34.9	34.5	44.9	61.7	60.6	34.6	31.7	22	31.9	31.3	28.7	25.6	20.2	24.2	24.8	4.7	3.4	1	1.7	7.8	9.9	21.4	18.1	20.5	
Vancouver east of I-5 <sup>4</sup>	SOV	36.3	35.9	46.3	63.1	62	34.4	31.5	21.8	33.3	32.7	30.1	27	20	25.6	26.2	6.1	4.8	2.1	0.8	6.6	9.7	21.2	17.9	19.4	
	HOV	33	32.5	43	59.8	58.6	34.4	31.5	21.8	30.1	29.8	26.8	25	20	25.6	26.2	6.1	4.8	2.1	0.8	6.6	9.7	21.2	17.9	19.4	
	Transit	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Trucks	36.3	35.9	46.3	63.1	62	34.4	31.5	21.8	33.3	32.7	30.1	27	20	25.6	26.2	6.1	4.8	2.1	0.8	6.6	9.7	21.2	17.9	19.4	
Vancouver Mall	SOV	38.7	41	50.9	68.2	62.7	33.4	30.5	20.8	34.9	33.3	35.8	30.7	19	26.9	32.3	11.7	10.5	8.4	6.8	0.8	10.4	21.7	17.8	16.3	
	HOV	38	37.6	48	64.8	62.7	33.4	30.5	20.8	34.8	33.3	31.8	30.1	19	26.9	31.3	10.9	9.5	8.4	6.8	0.8	10.4	21.7	17.8	16.3	
	Transit	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Trucks	38.7	41	50.9	68.2	62.7	33.4	30.5	20.8	34.9	33.3	35.8	30.7	19	26.9	32.3	11.7	10.5	8.4	6.8	0.8	10.4	21.7	17.8	16.3	
Salmon Creek	SOV	44.1	43.6	54.1	70.9	69.4	40.1	37.3	27.6	41.1	40	37.8	34.8	25.8	33.3	34	13.4	12.2	12.4	11.7	11.1	1.4	13.9	24.6	15.1	
	HOV	38.6	38.1	48.6	65.4	64.2	40.1	37.3	27.6	35.7	35.4	32.4	30.6	25.8	31.2	31.9	11.4	10.1	10.6	10.3	11.1	1.4	13.9	24.6	15.1	
	Transit	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Trucks	44.1	43.6	54.1	70.9	69.4	40.1	37.3	27.6	41.1	40	37.8	34.8	25.8	33.3	34	13.4	12.2	12.4	11.7	11.1	1.4	13.9	24.6	15.1	
Ridgefield	SOV	57.7	57.3	67.7	84.5	82.9	53.8	50.9	41.2	54.7	53.7	51.5	48.4	39.4	47	47.6	25.4	25.8	26.1	25.3	24.8	15.9	2.2	38.2	17.7	
	HOV	51.7	51.2	61.7	78.5	77.4	53.8	50.9	41.2	48.9	48.5	45.5	43.8	39.4	44.4	45	24.5	23.2	23.7	23.5	24.8	15.9	2.2	38.2	17.7	
	Transit	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Trucks	57.7	57.3	67.7	84.5	82.9	53.8	50.9	41.2	54.7	53.7	51.5	48.4	39.4	47	47.6	25.4	25.8	26.1	25.3	24.8	15.9	2.2	38.2	17.7	
Camas	SOV	44.7	47	56.9	74.2	68.7	39.4	36.5	26.8	40.9	39.3	41.8	36.7	25	32.9	41.9	23.8	22	23.1	22.5	21.6	26	37.2	1	30.4	
	HOV	44.7	47	56.9	74.2	68.7	39.4	36.5	26.8	40.9	39.3	41.8	36.7	25	32.9	41.9	23.8	22	23.1	22.5	21.6	26	37.2	1	30.4	
	Transit	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Trucks	44.7	47	56.9	74.2	68.7	39.4	36.5	26.8	40.9	39.3	41.8	36.7	25	32.9	41.9	23.8	22	23.1	22.5	21.6	26	37.2	1	30.4	
Battleground	SOV	54.1	56.4	66.3	83.6	78.1	48.7	45.8	36.1	50.3	48.7	51.1	46.1	34.3	42.3	49.1	28.5	27.3	25.2	23.6	19.4	17.6	18.2	30.8	1.7	
	HOV	53.7	53.4	63.8	80.6	78.1	48.7	45.8	36.1	50.2	48.7	47.6	45.7	34.3	42.3	47.1	26.6	25.3	25.2	23.6	19.4	17.6	18.2	30.8	1.7	
	Transit	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Trucks	54.1	56.4	66.3	83.6	78.1	48.7	45.8	36.1	50.3	48.7	51.1	46.1	34.3	42.3	49.1	28.5	27.3	25.2	23.6	19.4	17.6	18.2	30.8	1.7	

<sup>1</sup> AM transit travel times not modeled.

<sup>2</sup> Near Fred Meyer distribution center.

<sup>3</sup> Off Killingsworth St. near Williams Ave.

<sup>4</sup> Near Fourth Plain Blvd./Fort Vancouver Way.

# Option Package 1c - Constrained Baseline with Delta/Lombard and Rose Quarter Improvements

Evaluation Measure 1.1.A: Area-to-Area AM Peak Period Travel Times

Downtown Portland	Northwest Industrial Area	OHSU	Hillsboro	Wilsonville	Hwy. 212 2 east of I-205 <sup>2</sup>	Gresham	Gateway	Central Industrial Eastside	Lloyd Center	Swan Island	North Portland <sup>3</sup>	Portland Airport	Columbia Blvd. east of MLK	Terminal 6	Port of Vancouver	Vancouver CBD	Clark College	Vancouver east of I-5 <sup>4</sup>	Vancouver Mall	Salmon Creek	Ridgefield	Camas	Battleground
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