

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

Evaluation Measure 1.1.A: Area-to-Area Mid-day Period Travel Times\*

		Downtown Portland	Northwest Industrial Area	OHSU	Hillsboro	Wilsonville	Hwy. 212 east of I-205 <sup>1</sup>	Gresham	Gateway	Central Industrial Eastside	Lloyd Center	Swan Island	North Portland <sup>2</sup>	Portland Airport	Columbia Blvd. east of MLK	Terminal 6	Port of Vancouver	Vancouver CBD	Clark College	Vancouver east of I-5 <sup>3</sup>	Vancouver Mall	Salmon Creek	Ridgefield	Camas	Battleground
Downtown Portland	SOV	1.8	8.8	12.8	32.5	29.9	25	28.2	14.4	3.3	6.7	9.9	10.4	21.4	14.5	20.8	23.1	21.4	22.1	23.2	28.4	29.2	41	31.6	40.4
	HOV	1.8	8.8	12.8	32.5	29.9	25	28.2	14.4	3.3	6.7	9.9	10.4	21.4	14.5	20.8	23.1	21.4	22.1	23.2	28.4	29.2	41	31.6	40.4
	Transit	0.8	15.8	12	48.8	40.1	39.6	40.6	22.5	4.2	11	14.8	18.5	34.4	30	N/A	30.6	27.8	32.8	34.7	46.5	36.2	9999	47	78.6
	Trucks	1.8	8.8	12.8	32.5	29.9	25	28.2	14.4	3.3	6.7	9.9	10.4	21.4	14.5	20.8	23.1	21.4	22.1	23.2	28.4	29.2	41	31.6	40.4
Northwest Industrial Area	SOV	8.4	2.1	14.2	32.8	32.8	30.7	31.3	17.5	9	8.6	9.1	9.4	22.8	13.6	19.7	22	20.3	21	22.1	27.6	28.1	39.9	34.4	41.7
	HOV	8.4	2.1	14.2	32.8	32.8	30.7	31.3	17.5	9	8.6	9.1	9.4	22.8	13.6	19.7	22	20.3	21	22.1	27.6	28.1	39.9	34.4	41.7
	Transit	16.2	1.8	28.8	65.6	57	54	47	30.1	20.3	18.4	21.7	25.4	40.8	36.9	N/A	41.6	38.8	43.8	45.6	57.4	47.2	9999	56	89.6
	Trucks	8.4	2.1	14.2	32.8	32.8	30.7	31.3	17.5	9	8.6	9.1	9.4	22.8	13.6	19.7	22	20.3	21	22.1	27.6	28.1	39.9	34.4	41.7
OHSU	SOV	12.9	15.1	3.6	33.6	32.2	31.1	36.8	23.4	12.8	15.9	16.7	17	30.3	21.1	27.3	29.5	27.9	28.5	29.6	35.2	35.7	47.4	40.6	49.3
	HOV	12.9	15.1	3.6	33.6	32.2	31.1	36.8	23.4	12.8	15.9	16.7	17	30.3	21.1	27.3	29.5	27.9	28.5	29.6	35.2	35.7	47.4	40.6	49.3
	Transit	14.4	30.9	4	63.2	39	52	54.3	36.3	20.4	26.6	29.9	33.6	48.1	45.1	N/A	49.4	46.6	51.5	53.4	65.2	54.9	9999	61.1	97.3
	Trucks	12.9	15.1	3.6	33.6	32.2	31.1	36.8	23.4	12.8	15.9	16.7	17	30.3	21.1	27.3	29.5	27.9	28.5	29.6	35.2	35.7	47.4	40.6	49.3
Hillsboro	SOV	31	32.9	32.6	1	42	51.8	55.3	41.5	31	33.9	34.5	34.8	48.2	39	45.1	47.4	45.7	46.4	47.5	53	53.5	65.3	58.8	67.1
	HOV	31	32.9	32.6	1	42	51.8	55.3	41.5	31	33.9	34.5	34.8	48.2	39	45.1	47.4	45.7	46.4	47.5	53	53.5	65.3	58.8	67.1
	Transit	49	66.2	60.3	1.4	88.4	92.7	90.7	72.7	54.8	62.4	65.1	68.8	84.5	80.4	N/A	83.7	80.9	85.9	87.7	99.5	89.3	9999	97.5	131.7
	Trucks	31	32.9	32.6	1	42	51.8	55.3	41.5	31	33.9	34.5	34.8	48.2	39	45.1	47.4	45.7	46.4	47.5	53	53.5	65.3	58.8	67.1
Wilsonville	SOV	29.9	32	30.6	41.9	1.9	28.2	47.5	38.3	27.8	30.9	33.3	33.8	44.5	37.9	44.2	46.5	44.8	45.4	46.5	51.3	52.6	64.4	54.6	63.4
	HOV	29.9	32	30.6	41.9	1.9	28.2	47.5	38.3	27.8	30.9	33.3	33.8	44.5	37.9	44.2	46.5	44.8	45.4	46.5	51.3	52.6	64.4	54.6	63.4
	Transit	43.1	59.5	43.9	91.8	1.2	45.7	83	64.9	49	55.2	58.5	62.2	76.8	73.7	N/A	84.3	81.5	86.4	88.3	100.1	89.8	9999	89.7	132.2
	Trucks	29.9	32	30.6	41.9	1.9	28.2	47.5	38.3	27.8	30.9	33.3	33.8	44.5	37.9	44.2	46.5	44.8	45.4	46.5	51.3	52.6	64.4	54.6	63.4
Hwy. 212 east of I-205 <sup>1</sup>	SOV	25	28.8	29.4	50.9	26.8	1.4	22.5	16.3	20.5	22.5	27.6	28.1	22.1	25.2	35.4	31.4	29.8	30.3	30	28.9	33.3	44.9	32.2	41
	HOV	25	28.8	29.4	50.9	26.8	1.4	22.5	16.3	20.5	22.5	27.6	28.1	22.1	25.2	35.4	31.4	29.8	30.3	30	28.9	33.3	44.9	32.2	41
	Transit	40.3	54.1	49.6	93.4	44.7	0.7	61.4	43.4	46.1	49.1	58.8	56.2	55.2	67.7	N/A	72.4	69.6	74.6	76.4	88.2	77.9	9999	75.3	120.3
	Trucks	25	28.8	29.4	50.9	26.8	1.4	22.5	16.3	20.5	22.5	27.6	28.1	22.1	25.2	35.4	31.4	29.8	30.3	30	28.9	33.3	44.9	32.2	41
Gresham	SOV	27.1	29	34.3	53.4	45.8	22.3	1.2	15.6	24.5	22.8	27.9	26.4	20	23.1	31.6	29.3	27.7	28.2	27.9	26.8	31.3	42.9	30.1	38.9
	HOV	27.1	29	34.3	53.4	45.8	22.3	1.2	15.6	24.5	22.8	27.9	26.4	20	23.1	31.6	29.3	27.7	28.2	27.9	26.8	31.3	42.9	30.1	38.9
	Transit	41	46.1	53	91.2	81.2	61.3	0.5	18.6	43	28.5	39	42.5	30.5	54.1	N/A	58.9	56.1	61.1	62.9	61.1	64.5	9999	43.4	89.8
	Trucks	27.1	29	34.3	53.4	45.8	22.3	1.2	15.6	24.5	22.8	27.9	26.4	20	23.1	31.6	29.3	27.7	28.2	27.9	26.8	31.3	42.9	30.1	38.9
Gateway	SOV	14.4	16.3	21.5	40.7	37.7	17.5	15.8	1.6	11.8	10	15.1	15.6	9.8	12.5	22.7	19.1	17.4	18	17.7	16.6	21	32.6	19.9	28.7
	HOV	14.4	16.3	21.5	40.7	37.7	17.5	15.8	1.6	11.8	10	15.1	15.6	9.8	12.5	22.7	19.1	17.4	18	17.7	16.6	21	32.6	19.9	28.7
	Transit	22.4	27.5	34.4	72.5	62.5	42.6	18.1	1.8	24.4	9.8	20.3	23.9	11.8	35.5	N/A	46.5	39.8	46	49.9	42.4	45.8	9999	24.8	71.1
	Trucks	14.4	16.3	21.5	40.7	37.7	17.5	15.8	1.6	11.8	10	15.1	15.6	9.8	12.5	22.7	19.1	17.4	18	17.7	16.6	21	32.6	19.9	28.7
Central Industrial Eastside	SOV	4.5	8.7	12.9	33.1	30.2	22.1	25.4	11.6	1.1	3.5	7.9	8.2	18.6	11.4	18.7	21	19.4	20	21.1	25.6	27.2	38.9	28.8	37.6
	HOV	4.5	8.7	12.9	33.1	30.2	22.1	25.4	11.6	1.1	3.5	7.9	8.2	18.6	11.4	18.7	21	19.4	20	21.1	25.6	27.2	38.9	28.8	37.6
	Transit	4.3	18.8	15.9	52	44	42.7	41.8	23.7	1.4	8	27.3	21.4	35.6	33	N/A	39	36.2	41.2	43	54.8	44.5	9999	48.5	87
	Trucks	4.5	8.7	12.9	33.1	30.2	22.1	25.4	11.6	1.1	3.5	7.9	8.2	18.6	11.4	18.7	21	19.4	20	21.1	25.6	27.2	38.9	28.8	37.6
Lloyd Center	SOV	6.6	8.3	15	33.7	32	25.2	25.3	11.5	3.6	1.5	7.2	7.1	18.2	10.3	18.1	20.3	18.7	19.3	20.4	25.5	26.5	38.3	28.8	37.5
	HOV	6.6	8.3	15	33.7	32	25.2	25.3	11.5	3.6	1.5	7.2	7.1	18.2	10.3	18.1	20.3	18.7	19.3	20.4	25.5	26.5	38.3	28.8	37.5
	Transit	12.6	17	24.6	62.7	52.7	48.7	28.3	10.2	14.6	1.9	10.5	14.1	22.1	19.1	N/A	30.5	27.7	32.7	34.5	52.7	36	N/A	35	81.4
	Trucks	6.6	8.3	15	33.7	32	25.2	25.3	11.5	3.6	1.5	7.2	7.1	18.2	10.3	18.1	20.3	18.7	19.3	20.4	25.5	26.5	38.3	28.8	37.5
Swan Island	SOV	9.5	8.6	15.3	34	33.7	29.3	29.9	16.1	7.6	7.2	1.9	5.6	18.5	9.3	15.4	17.6	16	16.6	17.7	23.3	23.8	35.6	30.1	37.4
	HOV	9.5	8.6	15.3	34	33.7	29.3	29.9	16.1	7.6	7.2	1.9	5.6	18.5	9.3	15.4	17.6	16	16.6	17.7	23.3	23.8	35.6	30.1	37.4
	Transit	18.7	20.8	27.8	70.5	55.9	58.3	45.3	27.2	26.9	16.8	2.3	10.1	39.1	25.6	N/A	25.4	22.6	27.6	29.4	41.2	31	N/A	52	73.4
	Trucks	9.5	8.6	15.3	34	33.7	29.3	29.9	16.1	7.6	7.2	1.9	5.6	18.5	9.3	15.4	17.6	16	16.6	17.7	23.3	23.8	35.6	30.1	37.4
North Portland <sup>2</sup>	SOV	10.1	9.1	15.8	34.5	34.4	29.6	27.1	16.5	8.1	7.2	5.2	1.3	14.1	4.9	12.9	15.8	14.2	14.8	15.9	21.5	22	33.8	27.9	35.6
	HOV	10.1	9.1	15.8	34.5	34.4	29.6	27.1	16.5	8.1	7.2	5.2	1.3	14.1	4.9	12.9	15.8	14.2	14.8	15.9	21.5	22	33.8	27.9	35.6
	Transit	17.3	22.9	29.9	67.6	58	64.7	40.6	22.5	21.4	12.1	10.1	0.6	34.4	15.5	N/A	23.6	20.8	25.8	27.6	39.4	29.1	N/A	47.3	71.5
	Trucks	10.1	9.1	15.8	34.5	34.4	29.6	27.1	16.5	8.1	7.2	5.2	1.3	14.1	4.9	12.9	15.8	14.2	14.8	15.9	21.5	22	33.8	27.9	35.6
Portland Airport	SOV	20.9	21.8	28	47.2	43.4	23.2	20.6	10.6	18.2	16.5	17.6	13.4	2.7	9.9	20.1	18.3	16.6	17.2	16.9	15.8	20.2	31.8	19.1	27.9
	HOV	20.9	21.8	28	47.2	43.4	23.2	20.6	10.6	18.2	16.5	17.6	13.4	2.7	9.9	20.1	18.3	16.6	17.2	16.9	15.8	20.2	31.8	19.1	27.9
	Transit	34.4	39.5	46.4	84.5	74.5	54.6	30.1	12	36.4	21.8	32.4	35.9	0.7	47.5	N/A	50.1	48	49.6	53.6	46.1	57.8	N/A	28.4	74.8
	Trucks	20.9	21.8	28	47.2	43.4	23.2	20.6	10.6	18.2	16.5	17.6	13.4	2.7	9.9	20.1	18.3	16.6	17.2	16.9	15.8	20.2	31.8	19.1	27.9
Columbia Blvd. east of MLK	SOV	14.2	13.2	19.9	38.6	38.5	26.2	23.7	13.1	11.2	10.3	9	4.9	10.5	2	11.6	15.5</								

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		Downtown Portland	Northwest Industrial Area	OHSU	Hillsboro	Wilsonville	Hwy. 212 east of I-205 <sup>1</sup>	Gresham	Gateway	Central Industrial Eastside	Lloyd Center	Swan Island	North Portland <sup>2</sup>	Portland Airport	Columbia Blvd. east of MLK	Terminal 6	Port of Vancouver	Vancouver CBD	Clark College	Vancouver east of I-5 <sup>3</sup>	Vancouver Mall	Salmon Creek	Ridgefield	Camas	Battleground
Port of Vancouver	Trucks	19.1	18.1	24.9	43.5	43.4	36.9	32.8	23.7	17.3	16.9	13.9	12.8	21.1	11.9	3.7	16	14.4	15	16.1	21.7	22.2	34	28.5	35.8
	SOV	18.4	17.4	24.1	42.8	42.7	31.7	29.1	19.1	16.6	16.2	13.2	12.1	17	11.6	12.4	1.1	2.9	4.5	5.6	11.6	12	23.1	19.7	25.6
	HOV	18.4	17.4	24.1	42.8	42.7	31.7	29.1	19.1	16.6	16.2	13.2	12.1	17	11.6	12.4	1.1	2.9	4.5	5.6	11.6	12	23.1	19.7	25.6
	Transit	35.7	44.2	47.6	87.5	75.8	75.3	62.2	49.5	44.1	33.8	28.9	27.1	52.9	52.2	N/A	0.9	6.6	12.2	14	25.8	24	N/A	43.6	57.9
Vancouver CBD	Trucks	18.4	17.4	24.1	42.8	42.7	31.7	29.1	19.1	16.6	16.2	13.2	12.1	17	11.6	12.4	1.1	2.9	4.5	5.6	11.6	12	23.1	19.7	25.6
	SOV	16.8	15.8	22.6	41.3	41.1	30.1	27.6	17.6	15	14.6	11.6	10.5	15.5	10	10.8	2.9	1	3.2	4.3	10.2	10.7	22.5	18.1	24.3
	HOV	16.8	15.8	22.6	41.3	41.1	30.1	27.6	17.6	15	14.6	11.6	10.5	15.5	10	10.8	2.9	1	3.2	4.3	10.2	10.7	22.5	18.1	24.3
	Transit	25.2	33.6	37.1	76.9	65.2	64.7	51.7	42	33.5	23.2	18.3	16.5	45.4	41.6	N/A	2.8	0.7	5	6.8	18.6	16.8	N/A	36.1	50.7
Clark College	Trucks	16.8	15.8	22.6	41.3	41.1	30.1	27.6	17.6	15	14.6	11.6	10.5	15.5	10	10.8	2.9	1	3.2	4.3	10.2	10.7	22.5	18.1	24.3
	SOV	17.9	16.9	23.7	42.3	42.2	30.9	28.4	18.4	16.1	15.7	12.7	11.6	16.3	11.1	11.9	4.6	3.3	1	1.9	8.2	10.6	22.4	18.9	22.3
	HOV	17.9	16.9	23.7	42.3	42.2	30.9	28.4	18.4	16.1	15.7	12.7	11.6	16.3	11.1	11.9	4.6	3.3	1	1.9	8.2	10.6	22.4	18.9	22.3
	Transit	29.7	38.2	41.6	81.5	69.8	69.3	56.2	38.2	38.1	27.8	22.8	21	48.7	46.2	N/A	6.1	3.2	0.3	1.1	21.9	20.1	N/A	39.3	50.7
Vancouver east of I-5 <sup>3</sup>	Trucks	17.9	16.9	23.7	42.3	42.2	30.9	28.4	18.4	16.1	15.7	12.7	11.6	16.3	11.1	11.9	4.6	3.3	1	1.9	8.2	10.6	22.4	18.9	22.3
	SOV	18.9	17.9	24.7	43.3	43.2	30.6	28	18	17.1	16.7	13.7	12.6	15.9	12.1	12.9	5.5	4.3	1.8	0.8	6.9	10.2	22	18.5	21
	HOV	18.9	17.9	24.7	43.3	43.2	30.6	28	18	17.1	16.7	13.7	12.6	15.9	12.1	12.9	5.5	4.3	1.8	0.8	6.9	10.2	22	18.5	21
	Transit	35.2	43.7	47.1	87	75.3	74.8	61.7	47.9	43.6	33.2	28.3	26.5	52.8	51.7	N/A	10.3	8.1	1.1	0.8	11.8	22.3	N/A	43.4	43.9
Vancouver Mall	Trucks	18.9	17.9	24.7	43.3	43.2	30.6	28	18	17.1	16.7	13.7	12.6	15.9	12.1	12.9	5.5	4.3	1.8	0.8	6.9	10.2	22	18.5	21
	SOV	23.9	22.9	29.6	48.3	48.2	28.4	25.9	15.9	22.1	21.6	18.6	17.6	13.7	17	17.9	10.8	9.6	7.8	6.6	0.8	10.5	22.1	18.4	17.7
	HOV	23.9	22.9	29.6	48.3	48.2	28.4	25.9	15.9	22.1	21.6	18.6	17.6	13.7	17	17.9	10.8	9.6	7.8	6.6	0.8	10.5	22.1	18.4	17.7
	Transit	48.9	57.3	60.8	100.6	88.9	88.4	61.7	42	57.2	48.4	42	40.2	45.5	65.3	N/A	23.8	21.9	23.1	12.6	1	34.9	N/A	36.1	30.7
Salmon Creek	Trucks	23.9	22.9	29.6	48.3	48.2	28.4	25.9	15.9	22.1	21.6	18.6	17.6	13.7	17	17.9	10.8	9.6	7.8	6.6	0.8	10.5	22.1	18.4	17.7
	SOV	24.2	23.2	29.9	48.6	48.5	33.1	30.6	20.5	22.4	22	19	17.9	18.4	17.4	18.2	11.2	9.9	10.4	10.1	9.2	1.5	14.2	23.1	16
	HOV	24.2	23.2	29.9	48.6	48.5	33.1	30.6	20.5	22.4	22	19	17.9	18.4	17.4	18.2	11.2	9.9	10.4	10.1	9.2	1.5	14.2	23.1	16
	Transit	45.7	54.1	57.6	97.4	85.7	85.2	72.2	59.4	54	43.7	38.8	37	62.9	62.1	N/A	20.5	18.4	19.7	21.5	33.3	0.5	N/A	53.5	58.2
Ridgefield	Trucks	24.2	23.2	29.9	48.6	48.5	33.1	30.6	20.5	22.4	22	19	17.9	18.4	17.4	18.2	11.2	9.9	10.4	10.1	9.2	1.5	14.2	23.1	16
	SOV	35.4	34.4	41.1	59.8	59.7	44.6	42.1	32.1	33.6	33.1	30.2	29.1	29.9	28.5	29.4	22.4	21.1	21.6	21.3	20.7	13.8	2.2	34.6	17.2
	HOV	35.4	34.4	41.1	59.8	59.7	44.6	42.1	32.1	33.6	33.1	30.2	29.1	29.9	28.5	29.4	22.4	21.1	21.6	21.3	20.7	13.8	2.2	34.6	17.2
	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
Camas	Trucks	35.4	34.4	41.1	59.8	59.7	44.6	42.1	32.1	33.6	33.1	30.2	29.1	29.9	28.5	29.4	22.4	21.1	21.6	21.3	20.7	13.8	2.2	34.6	17.2
	SOV	29.5	30.5	36.6	55.8	52.1	31.8	29.3	19.3	26.9	25.1	26.3	25.2	17.1	21.8	25.5	19.6	17.9	18.4	18.2	18.4	22.8	34.4	1	29.7
	HOV	29.5	30.5	36.6	55.8	52.1	31.8	29.3	19.3	26.9	25.1	26.3	25.2	17.1	21.8	25.5	19.6	17.9	18.4	18.2	18.4	22.8	34.4	1	29.7
	Transit	46.1	54.2	58.1	96.2	86.2	78.5	43.4	23.7	48.1	33.5	58	47.6	27.2	59.1	N/A	39.5	37.4	39	43	35.5	53	N/A	1.3	64.2
Battleground	Trucks	29.5	30.5	36.6	55.8	52.1	31.8	29.3	19.3	26.9	25.1	26.3	25.2	17.1	21.8	25.5	19.6	17.9	18.4	18.2	18.4	22.8	34.4	1	29.7
	SOV	37.6	36.6	43.3	62	61.3	41.1	38.5	28.5	35.8	34.4	32.4	31.3	26.4	30.8	31.6	24.6	23.3	21.5	20.4	17.1	16	17.3	29.6	1.5
	HOV	37.6	36.6	43.3	62	61.3	41.1	38.5	28.5	35.8	34.4	32.4	31.3	26.4	30.8	31.6	24.6	23.3	21.5	20.4	17.1	16	17.3	29.6	1.5
	Transit	71.9	80.3	83.8	123.6	111.9	111.4	89.7	70	80.2	76.5	65	63.2	73.4	88.3	N/A	55.4	45.4	54.6	44.2	30	66.5	N/A	64.1	0.4
Battleground	Trucks	37.6	36.6	43.3	62	61.3	41.1	38.5	28.5	35.8	34.4	32.4	31.3	26.4	30.8	31.6	24.6	23.3	21.5	20.4	17.1	16	17.3	29.6	1.5

<sup>1</sup> Near Fred Meyer distribution center.

<sup>2</sup> Off Killingsworth St. near Williams Ave.

<sup>3</sup> Near Fourth Plain Blvd./Fort Vancouver Way.

<sup>1</sup>Mid-day transit times include in-vehicle time only.

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

Evaluation Measure 1.1.A: Area-to-Area Mid-day Period Travel Times\*

	Downtown Portland	Northwest Industrial Area	OHSU	Hillsboro	Wilsonville	Hwy. 212 east of I-205 <sup>1</sup>	Gresham	Gateway	Central Industrial Eastside	Lloyd Center	Swan Island	North Portland <sup>2</sup>	Portland Airport	Columbia Blvd. east of MLK	Terminal 6	Port of Vancouver	Vancouver CBD	Clark College	Vancouver east of I-5 <sup>3</sup>	Vancouver Mall	Salmon Creek	Ridgefield	Camas	Battleground
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<sup>1</sup>Mid-day transit times include in-vehicle time only.