

Appendix – Volume 1

Concept Matrix

Intersection Operations

Model Methods and Assumptions

PM Peak Hour Volume Model Plots

Traffic Count Data – Intersection Turning Movement Volume

Traffic Count Data – Segment Volume and Speed

Concept Matrix

No.	Concept Name	Description	Traffic Calming Design			Diverter Location				Signal at Harrison St/ 42nd Ave	Monroe St Gap Open
			(a) Monroe West (of 42nd Ave)	(b) Monroe East (of 42nd Ave)	(c) Washington West (of 42nd Ave)	OR 224	37th Ave	42nd Ave	Linwood Ave		
INITIAL CONCEPTS											
1	2017 Baseline	2017 Baseline									
2	2020 Baseline	2020 Baseline									
3	Initial Concept	Traffic Calming only	x	x							
4	Initial Concept	OR 224 diverter				x					
5	Initial Concept	37th Ave diverter					x				
6	Initial Concept	42nd Ave diverter						x			
7	Initial Concept	Linwood Ave diverter							x		
8	Initial Concept	OR 224, 37th, Linwood diverters				x	x		x		
9	Initial Concept	OR 224, 42nd, Linwood diverters				x		x	x		
10	Initial Concept	Harrison St/42nd Ave signal								x	
11	Initial Concept	Monroe St gap open									x
12	Initial Concept	Monroe gap open, Linwood diverter							x		x
REFINEMENT CONCEPTS											
13	Refinement 1	Traffic Calming, Harrison/ 42nd signal, Linwood & OR 224 diverters	x	x		x			x	x	
14	Refinement 2	13 + 37th diverter	x	x		x	x		x	x	
15	Refinement 3	13 + 42nd diverter	x	x		x		x	x	x	
16	Monroe St Alignment	13 + 37th & 42nd diverters	x	x		x	x	x	x	x	
17	Refinement Concept	16 + no Linwood diverter	x	x		x	x	x		x	
18	Refinement Concept	16 + Monroe gap open	x	x		x	x	x	x	x	x
19	Washington St Alignment	13 + Washington St traffic calming	x		x	x			x	x	
20	Refinement Concept	19 + no Linwood diverter	x		x	x				x	
21	Refinement Concept	19 + Monroe gap open	x		x	x			x	x	x

Intersection Operations

INTERSECTION OPERATIONS

For this analysis, measurements of delay and volume-to-capacity were produced within the mesoscopic subarea travel demand model using Visum software. These intersection operations measures were compared with the Synchro outputs of a previous 2015 study and adjusted accordingly to provide accurate HCM results for this study.

Inputs

Current signal timings were input into the model for each signalized intersection. Geometric characteristics like turn pockets are also entered in the model. Pedestrian and bicycle volumes from count data were input for study intersections. The Visum model uses the Intersection Capacity Analysis (ICA) methodology according to the Highway Capacity Manual (HCM) for calculating impedance at each node (intersection).

Volume Adjustments

The traffic operations analysis is based on turn movement volumes at study intersections that were established in the volume development process for the baseline scenario. Adjustments were made to convert raw model turn movement volumes to the final adjusted count volumes at each intersection in this baseline scenario (2017). These adjustments were maintained across scenarios (concepts evaluations) to ensure consistency in evaluation approach.

Outputs

HCM 2000 results are reported for each signalized and stop-controlled study intersection. HCM worksheets from the model are provided in a subsequent section of this appendix. These worksheets show typical inputs and calculations, much like a Synchro report. The operations results for each study intersection and scenario are summarized in the following table. For stop-controlled intersections, the worst lane is reported. For each scenario, intersections that fail are in bold type. The columns highlighted in yellow indicate an intersection that fails in the 2020 baseline, while the columns in orange indicate an intersection that fails in subsequent concept model scenarios.

Intersection		OR 224/Oak St	OR 224/Harrison St	OR 224/Monroe St	Railroad Ave/Harmony Rd/ Linwood Ave	King Rd/Linwood Ave	King Rd/Bell Ave	King Rd/43rd Ave	Harrison St/32nd Ave	Monroe St/37th Ave	Monroe St/42nd Ave	Harrison St/42nd Ave	Monroe St/Home Ave	Oak St/Railroad Ave/Monroe St	Harrison St/37th Ave	Railroad Ave/37th Ave	Monroe St/Linwood Ave	Harmony Dr/Causey Ave/Fuller Rd	King Rd/66th Ave	King Rd/Home Ave	Harrison St/Home Ave	Railroad Ave/Home Ave	Railroad Ave/St Stanley Ave	Queen Rd/Linwood Ave	Jack Rd/Linwood Ave	Monroe St/70th Ave	King Rd/Fuller Rd	Monroe St/Fuller Rd	Thompson St/Fuller Rd
Control Type		Signalized	Signalized	Signalized	Signalized	Signalized	Signalized	Signalized	Signalized	AWSC	AWSC	AWSC*	AWSC	TWSC*	TWSC	TWSC	TWSC	TWSC	TWSC	TWSC	TWSC	TWSC	TWSC	TWSC	TWSC	TWSC	TWSC	TWSC	TWSC
Mobility Standard		0.99	0.99	0.99	0.99	1.1	1.1	D	D	D	D	D	D	D	D	D	D	0.99	0.99	D	D	D	D	0.99	0.99	0.99	0.99	0.99	0.99
INITIAL CONCEPTS																													
1) 2017 Baseline	LOS	D	D	B	E	E	B	A	A	C	C	D	A	E	C	D	D	D	C	B	A	B	B	C	B	A	C	A	B
	delay (s)	39	49	16	59	58	19	8	10	19	16	33	8	47	19	25	34	32	22	15	9	13	14	16	14	10	19	10	10
	V/C	0.84	0.96	0.76	0.95	0.9	0.45	0.52	0.55	0.67	0.62	0.8	0.2	0.8	0.35	0.43	0.55	0.5	0.11	0.07	0.09	0.27	0.27	0.48	0.46	0.06	0.3	0.11	0.16
2) 2020 Baseline	LOS	D	D	B	E	E	B	A	A	C	C	D	A	F	C	D	E	D	D	C	A	B	B	C	B	B	B	B	B
	delay (s)	40	52	16	62	63	18	8	10	19	16	33	8	55	20	26	40	33	30	15	9	14	14	18	15	10	12	13	11
	V/C	0.85	0.97	0.77	0.98	0.92	0.43	0.52	0.56	0.67	0.62	0.8	0.19	0.84	0.36	0.45	0.58	0.51	0.07	0.08	0.09	0.28	0.29	0.05	0.5	0.09	0.11	0.26	0.17
3) Traffic Calming only	LOS	D	D	B	E	E	B	A	A	C	B	E	A	C	C	D	C	D	D	C	A	B	B	B	B	A	B	B	B
	delay (s)	40	53	15	63	67	19	8	10	19	14	43	7	27	22	31	20	35	31	17	9	15	15	11	13	10	12	13	11
	V/C	0.82	0.99	0.75	0.98	0.97	0.45	0.56	0.59	0.63	0.54	0.88	0.1	0.49	0.4	0.51	0.42	0.55	0.08	0.08	0.09	0.32	0.32	0.01	0.47	0.06	0.11	0.26	0.16
4) OR 224 diverter	LOS	D	D	A	E	E	B	A	A	C	C	E	A	F	C	D	E	D	D	C	A	B	B	C	B	B	B	B	B
	delay (s)	42	52	9	62	63	18	8	10	19	16	36	8	60	20	26	40	33	30	15	9	14	14	18	15	10	12	13	11
	V/C	0.87	0.97	0.71	0.97	0.92	0.43	0.53	0.55	0.66	0.61	0.82	0.19	0.87	0.37	0.44	0.57	0.52	0.07	0.08	0.09	0.28	0.29	0.06	0.5	0.09	0.11	0.26	0.17
5) 37th Ave diverter	LOS	D	D	B	E	E	B	A	A	A	B	E	A	F	E	D	E	D	D	C	A	B	B	C	B	B	B	B	B
	delay (s)	41	54	15	62	62	18	8	10	10	12	38	8	89	41	29	36	33	30	15	9	14	14	18	14	10	12	13	11
	V/C	0.85	0.98	0.76	0.98	0.92	0.43	0.52	0.6	0.41	0.46	0.84	0.18	0.91	0.59	0.48	0.54	0.52	0.08	0.08	0.09	0.28	0.29	0.05	0.49	0.08	0.11	0.26	0.17
6) 42nd Ave diverter	LOS	D	D	B	E	E	B	A	A	B	A	E	A	F	C	D	E	D	D	C	A	B	B	C	B	B	B	B	B
	delay (s)	40	52	16	62	61	18	8	10	15	9	36	8	66	19	27	36	34	30	16	9	14	14	18	14	10	12	12	11
	V/C	0.86	0.97	0.77	0.98	0.92	0.43	0.52	0.58	0.57	0.35	0.82	0.17	0.93	0.35	0.47	0.55	0.52	0.08	0.08	0.09	0.29	0.29	0.05	0.49	0.09	0.11	0.24	0.17
7) Linwood Ave diverter	LOS	D	D	B	E	E	B	A	A	C	C	E	A	F	C	D	B	D	C	C	A	B	B	C	C	A	B	B	B
	delay (s)	40	52	16	63	71	18	8	10	20	15	38	8	61	20	28	13	34	22	16	9	13	13	19	20	10	12	13	10
	V/C	0.85	0.97	0.77	0.98	0.97	0.44	0.56	0.57	0.68	0.6	0.84	0.12	0.88	0.36	0.47	0.22	0.52	0.08	0.09	0.09	0.3	0.3	0.5	0.49	0.05	0.09	0.27	0.17
8) OR 224, 37th, Linwood diverters	LOS	D	D	A	E	E	B	A	A	A	B	E	A	F	E	D	B	D	C	C	A	B	B	C	C	A	B	B	B
	delay (s)	43	54	9	63	71	18	8	10	9	12	40	8	91	37	30	13	34	23	16	9	13	13	18	20	10	12	13	10
	V/C	0.87	0.97	0.71	0.98	0.98	0.44	0.52	0.57	0.41	0.44	0.86	0.11	0.91	0.56	0.49	0.23	0.53	0.1	0.09	0.09	0.31	0.3	0.5	0.49	0.05	0.09	0.26	0.18
9) OR 224, 42nd, Linwood diverters	LOS	D	D	A	E	E	B	A	A	B	A	E	A	F	C	D	B	D	C	C	A	B	B	C	C	A	B	B	B
	delay (s)	41	51	9	63	71	18	8	10	15	9	40	8	64	19	28	13	35	23	16	9	14	13	19	19	10	12	13	10
	V/C	0.87	0.97	0.71	0.98	0.97	0.44	0.52	0.55	0.58	0.34	0.86	0.1	0.91	0.35	0.49	0.23	0.53	0.1	0.09	0.09	0.31	0.31	0.5	0.49	0.05	0.09	0.27	0.17
10) Harrison St/42nd Ave signal	LOS	D	D	B	E	E	B	A	B	C	B	B	A	F	C	D	E	D	D	C	A	B	B	C	B	B	B	B	B
	delay (s)	40	52	16	62	62	18	8	10	16	15	16	8	64	23	25	40	33	30	15	9	14	14	18	15	10	12	13	11
	V/C	0.86	0.98	0.78	0.98	0.92	0.43	0.55	0.63	0.6	0.57	0.32	0.19	0.89	0.41	0.44	0.58	0.52	0.07	0.08	0.09	0.28	0.29	0.06	0.51	0.09	0.11	0.26	0.17
11) Monroe St gap open	LOS	D	D	B	E	E	B	A	A	C	C	D	A	F	C	D	E	D	D	C	A	B	B	C	B	B	B	B	B
	delay (s)	40	52	16	61	61	18	8	10	20	17	29	9	55	20	27	38	33	27	15	9	14	14	18	15	11	12	13	10
	V/C	0.85	0.97	0.77	0.97	0.92	0.42	0.50	0.56	0.67	0.64	0.75	0.21	0.84	0.36	0.44	0.58	0.51	0.06	0.07	0.09	0.28	0.29	0.05	0.51	0.12	0.10	0.25	0.16
12) Monroe gap open, Linwood diverter	LOS	D	D	B	E	E	B	A	A	C	C	E	A	F	C	D	B	D	D	C	A	B	B	C	C	B	B	B	B
	delay (s)	40	52	16	63	70	18	8	10	20	15	39	8	65	20	28	13	33	30	16	9	13	13	18	22	10	12	12	10
	V/C	0.85	0.98	0.78	0.98	0.97	0.43	0.57	0.56	0.68	0.60	0.85	0.13	0.91	0.36	0.47	0.23	0.52	0.06	0.08	0.09	0.30	0.30	0.08	0.51	0.08	0.11	0.25	0.16

* analyzed as a signal in select future scenarios

For stop-controlled intersections, worst lane is reported; Failing intersections are in bold

Intersection		OR 224/Oak St	OR 224/Harrison St	OR 224/Monroe St	Railroad Ave/Harmony Rd/ Linwood Ave	King Rd/Linwood Ave	King Rd/Bell Ave	King Rd/43rd Ave	Harrison St/32nd Ave	Monroe St/37th Ave	Monroe St/42nd Ave	Harrison St/42nd Ave	Monroe St/Home Ave	Oak St/Railroad Ave/Monroe St	Harrison St/37th Ave	Railroad Ave/37th Ave	Monroe St/Linwood Ave	Harmony Dr/Causey Ave/Fuller Rd	King Rd/66th Ave	King Rd/Home Ave	Harrison St/Home Ave	Railroad Ave/Home Ave	Railroad Ave/Stanley Ave	Queen Rd/Linwood Ave	Jack Rd/Linwood Ave	Monroe St/70th Ave	King Rd/Fuller Rd	Monroe St/Fuller Rd	Thompson St/Fuller Rd
Control Type		Signalized	Signalized	Signalized	Signalized	Signalized	Signalized	Signalized	Signalized	AWSC	AWSC	AWSC*	AWSC	TWSC*	TWSC	TWSC	TWSC	TWSC	TWSC	TWSC	TWSC	TWSC	TWSC	TWSC	TWSC	TWSC	TWSC	TWSC	TWSC
Mobility Standard		0.99	0.99	0.99	0.99	1.1	1.1	D	D	D	D	D	D	D	D	D	D	0.99	0.99	D	D	D	D	0.99	0.99	0.99	0.99	0.99	0.99
REFINEMENT CONCEPTS																													
13) Refinement 1: TC**, Harrison/ 42nd signal, Linwood & OR 224 diverters	LOS	D	D	A	E	E	B	A	B	C	B	B	A	C	D	D	B	E	D	C	A	B	B	C	B	A	B	B	B
	delay (s)	42	53	9	63	72	19	8	11	15	12	16	7	28	27	28	12	36	34	17	9	14	14	15	15	9	12	12	10
	V/C	0.85	0.99	0.71	0.99	1.00	0.46	0.56	0.63	0.53	0.41	0.28	0.09	0.47	0.46	0.49	0.16	0.56	0.09	0.09	0.09	0.32	0.32	0.47	0.44	0.03	0.11	0.28	0.16
14) Refinement 2: Refinement 1 + 37th diverter	LOS	D	D	A	E	E	B	A	B	B	A	B	A	C	F	D	B	E	D	C	A	B	B	C	B	A	B	B	B
	delay (s)	41	51	9	64	78	19	8	11	12	10	17	7	25	64	30	12	38	34	17	9	14	14	16	15	9	12	13	10
	V/C	0.84	0.99	0.70	0.99	1.00	0.46	0.58	0.65	0.49	0.28	0.30	0.09	0.51	0.63	0.51	0.18	0.58	0.09	0.09	0.09	0.33	0.33	0.47	0.45	0.03	0.11	0.28	0.16
15) Refinement 3: Refinement 1 + 42nd diverter	LOS	D	D	A	E	E	B	A	B	B	A	B	A	C	D	D	B	E	D	C	A	B	B	C	B	A	B	B	B
	delay (s)	41	53	9	64	78	19	9	11	12	9	17	7	28	27	29	12	37	34	17	9	15	14	16	15	9	12	13	10
	V/C	0.85	0.99	0.71	0.99	0.99	0.46	0.60	0.64	0.40	0.30	0.29	0.09	0.51	0.50	0.50	0.18	0.57	0.09	0.09	0.09	0.33	0.33	0.47	0.44	0.03	0.11	0.28	0.16
16) Monroe Street Alignment: Refinement 1 + 37th & 42nd diverters	LOS	D	D	A	E	E	B	A	B	B	A	B	A	C	F	D	B	E	D	C	A	B	B	C	B	A	B	B	B
	delay (s)	42	51	9	64	78	19	8	11	11	9	18	7	25	63	29	12	37	34	17	9	15	14	16	15	9	12	13	10
	V/C	0.84	0.99	0.70	0.99	1.00	0.46	0.58	0.65	0.45	0.34	0.31	0.09	0.51	0.64	0.50	0.18	0.58	0.09	0.09	0.09	0.33	0.33	0.47	0.45	0.03	0.11	0.28	0.16
17) Monroe Street Alignment + no Linwood diverter	LOS	D	D	A	E	E	B	A	B	B	A	B	A	C	F	D	C	E	D	C	A	B	B	B	B	A	B	B	B
	delay (s)	42	51	9	62	67	19	8	11	11	9	18	7	24	65	28	20	35	32	17	9	15	15	11	13	9	12	12	10
	V/C	0.83	0.99	0.70	0.98	0.96	0.45	0.58	0.65	0.46	0.34	0.31	0.10	0.51	0.64	0.50	0.42	0.56	0.08	0.09	0.09	0.33	0.33	0.49	0.46	0.04	0.10	0.25	0.16
18) Monroe Street Alignment + Monroe gap open	LOS	D	D	A	E	E	B	A	B	B	A	B	A	C	F	D	B	E	D	C	A	B	B	C	B	A	B	B	A
	delay (s)	41	51	9	64	78	19	8	11	11	9	18	7	24	66	29	12	37	35	17	9	15	14	17	15	9	12	12	10
	V/C	0.84	0.99	0.7	0.99	1.00	0.46	0.58	0.65	0.46	0.34	0.31	0.09	0.51	0.65	0.5	0.17	0.58	0.09	0.09	0.09	0.33	0.33	0.47	0.45	0.04	0.11	0.25	0.15
19) Washington Street Alignment: Refinement 1 + Washington St traffic calming	LOS	D	D	A	E	E	B	A	B	C	B	B	A	C	C	D	B	E	D	C	A	B	B	C	B	A	B	B	B
	delay (s)	42	54	9	63	79	19	9	11	18	13	17	7	34	22	29	12	37	34	18	9	14	14	16	15	9	12	13	10
	V/C	0.87	0.99	0.71	0.99	1.00	0.46	0.6	0.63	0.62	0.48	0.33	0.09	0.53	0.42	0.49	0.18	0.57	0.1	0.09	0.09	0.32	0.32	0.47	0.44	0.03	0.11	0.29	0.16
20) Washington Street Alignment + no Linwood diverter	LOS	D	D	A	E	E	B	A	B	C	B	B	A	C	C	D	C	E	D	C	A	B	B	B	B	A	B	B	B
	delay (s)	42	54	9	62	68	19	8	11	16	12	16	7	34	24	28	19	36	32	17	9	14	14	15	13	9	12	12	10
	V/C	0.86	0.99	0.71	0.98	0.96	0.46	0.58	0.63	0.58	0.47	0.29	0.1	0.53	0.42	0.48	0.42	0.56	0.08	0.08	0.09	0.31	0.31	0.48	0.46	0.04	0.1	0.24	0.16
21) Washington Street Alignment + Monroe gap open	LOS	D	D	A	E	E	B	A	B	C	B	B	A	D	C	D	B	E	D	C	A	B	B	C	B	A	B	B	A
	delay (s)	42	54	9	63	79	19	9	11	17	12	17	7	35	22	29	12	37	35	17	9	14	14	17	15	9	12	12	10
	V/C	0.87	0.99	0.71	0.99	1.00	0.46	0.6	0.63	0.6	0.47	0.31	0.09	0.53	0.41	0.49	0.17	0.58	0.09	0.09	0.09	0.32	0.32	0.47	0.45	0.03	0.11	0.25	0.15

* analyzed as a signal in select future scenarios, **TC = traffic calming

For stop-controlled intersections, worst lane is reported; Failing intersections are in bold

Model Methods and Assumptions

ANALYSIS METHODS AND ASSUMPTIONS

A PM peak hour mesoscopic subarea travel demand model was developed for this analysis. This model was developed from a subarea of the most current 2015 Metro travel demand model using Visum modeling software. Additional network details and refined network loading were applied to better reflect realistic travel patterns. Network volumes were calibrated to traffic data from turning movement and segment counts. An overview of network development and calibration are provided in this section.

Volume Development (PM)

Traffic counts were collected at various dates between January 2015 and July 2017. As a result, volume adjustments were applied to account for seasonal variation and annual growth. July 2017 conditions were used to calibrate the mesoscopic model and as a basis for operational analysis of the 2020 PM peak hour.

The system peak hour selected for this analysis is 5 - 6 pm. This is based on a profile of 24-hour count data, which can be found in a subsequent appendix section. However, traffic analysis in this analysis was based on generalized PM peak hour model since individual study intersection peaking profiles vary.

A growth rate of 0.8% was applied to 2015 traffic volumes to normalize to 2017 volume data. This rate was developed by comparing the total entering vehicles at five intersections with count data from both 2015 and 2017. It should be noted that a similar growth rate was identified on OR 224 based on a nearby ODOT Automatic Traffic Recorder (ATR). For factoring 2017 volumes to 2020, a total growth rate of 2% was used. This growth rate was developed from demand growth identified in the Metro 2040 travel demand model scenario.

There is relatively little seasonal variation expected in the study area outside of the winter period (November to February) when volumes are lower. ATR data (on OR 224) indicate that traffic count data (mostly collected in April or July) are representative of the average weekday conditions for 2011-2015, if not slightly higher. Seasonal factor adjustments were only applied for traffic count data collected in January (4.2%) or February (0.2%). This was confirmed with local count data. Volume balancing adjustments were applied after seasonal and growth adjustments were made to establish consistent PM peak hour conditions.

Model Network

The Visum model subnetwork was cut from the 2015 Metro model, bounded by King Road to the north, Fuller Road to the east, Harmony Road/Railroad Avenue to the south, and 21st Avenue to the west. This model network was then enhanced to include local streets and intersection details within the project study area. Roadway characteristics such as speed and lane geometry were input into the model. Intersection characteristics such as control type, turn pockets, and permitted turn movements were added as well. If the intersection is signal controlled, recent signal timing (from 2015 or earlier) was added to the model. The existing zone structure from the Metro model was maintained, however the demand loading structure was adjusted (disaggregated) to add more realistic network loading at midblock or driveway access points.

The model assignment was set up to reflect intersection delay based on HCM 2000 operations analysis at each study intersection using the ICA node impedance calculation method. This

operations analysis was calibrated with previous Synchro results at several of the study intersections.

Calibration

Assigned model volumes were compared to balanced and adjusted count volumes to indicate how well the model replicates observed field conditions. The count data is based off turning movement counts at 44 intersections and tube counts on 24 segments collected from 2015 - 2017. Measures of goodness of fit such as R^2 , percent root mean square error (%RMSE), and the slope of the model/count fit line were used to guide the calibration process. While the primary calibration techniques employed were adjusting speeds, signal timing, and trip loading, minor changes to the overall demand matrix were also made, as needed. The final 2017 model calibration yields an R^2 value of 0.99, a slope of 0.99, and RMSE of 19% which indicates a very good fit of the model compared to the count data.

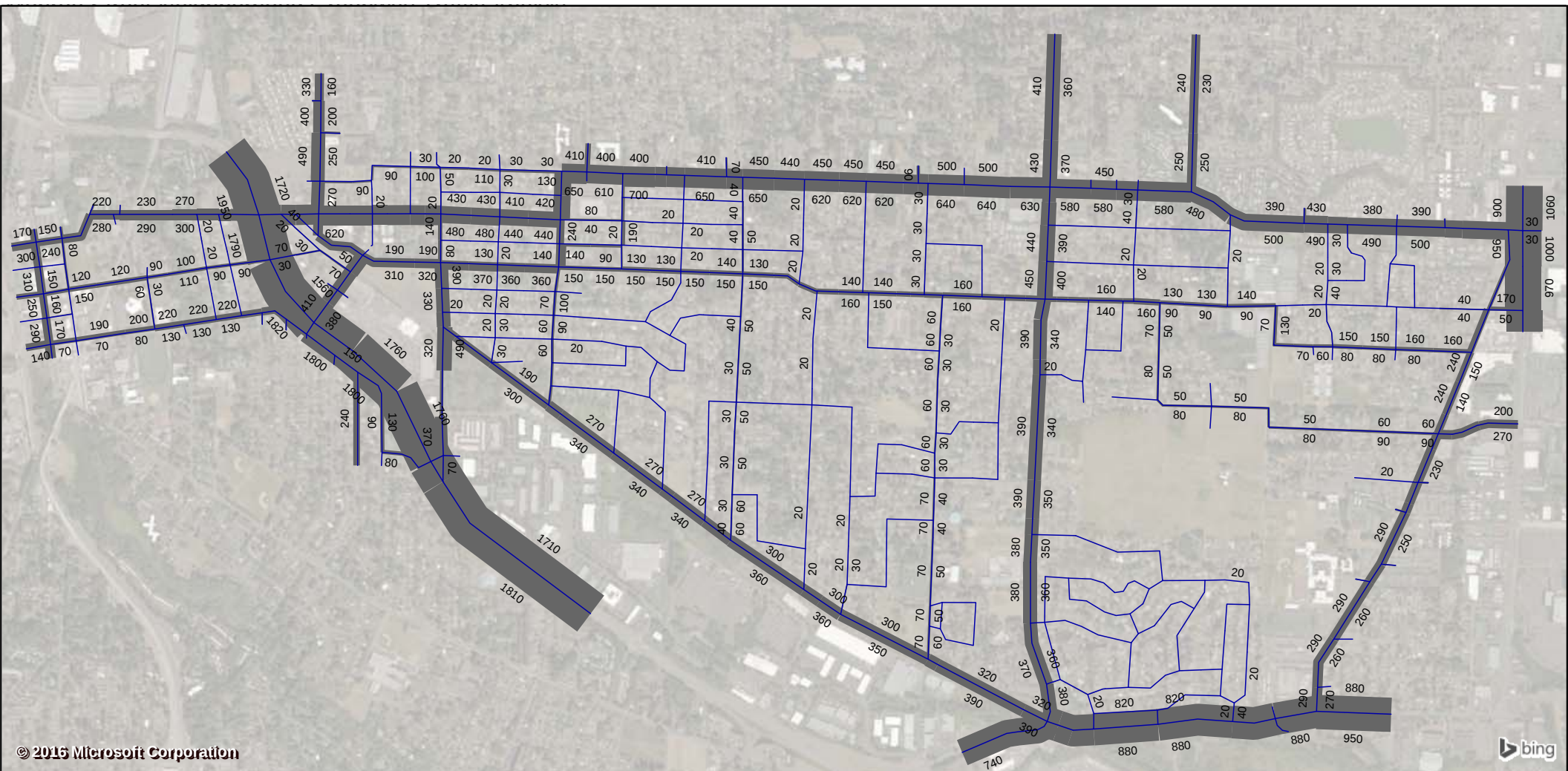
Estimated Daily Volume

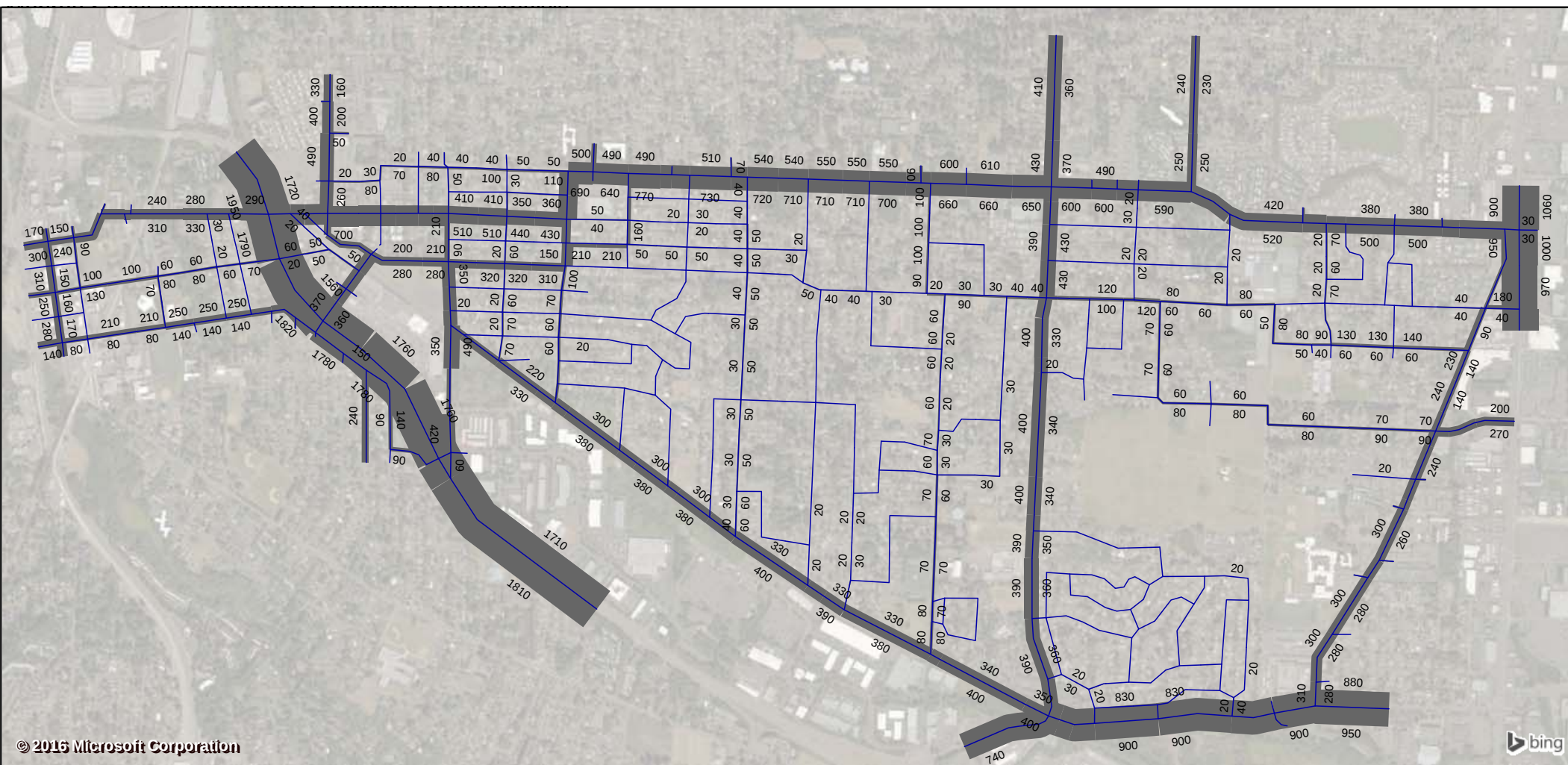
The PM Peak hour volumes from the model were used to estimate daily volumes along the Monroe corridor and throughout the neighborhoods. Twenty-four-hour count data collected along Monroe Street and on other area streets were used to develop three factors to convert PM volumes to estimated daily volumes. A general factor of 10 was used for all roadway volumes in the network except for those along Monroe Street. Since this general factor overestimates volume along Monroe Street (possibly due to a higher peaking factor resulting from cut-through traffic during congested periods), a separate factor of 8.5 was used on the Monroe corridor west of Linwood, and a factor 7 was used east of Linwood. This means that the PM peak hour volumes are 10%-14% of the daily volume for the network and Monroe corridor. It should be noted that these factors are used to approximate a daily volume and are not an exact representation of the Average Daily Traffic (ADT).

Key Assumptions and Limitations

This project only modeled vehicle traffic within the study area and did not capture the impacts of bicycle and pedestrian activity on the network. No diversion away from motor vehicle modes was assumed. Implementation of traffic calming devices was modeled as impacts to the travel speed along the roadway. Intersection operations analysis was performed within the Visum model (not using Synchro or other traffic operations software). However, the final balanced volume set was still used for intersection operations. Count volumes have been seasonally adjusted and balanced to develop the analysis volume set for the 2020 PM peak hour, as discussed above.

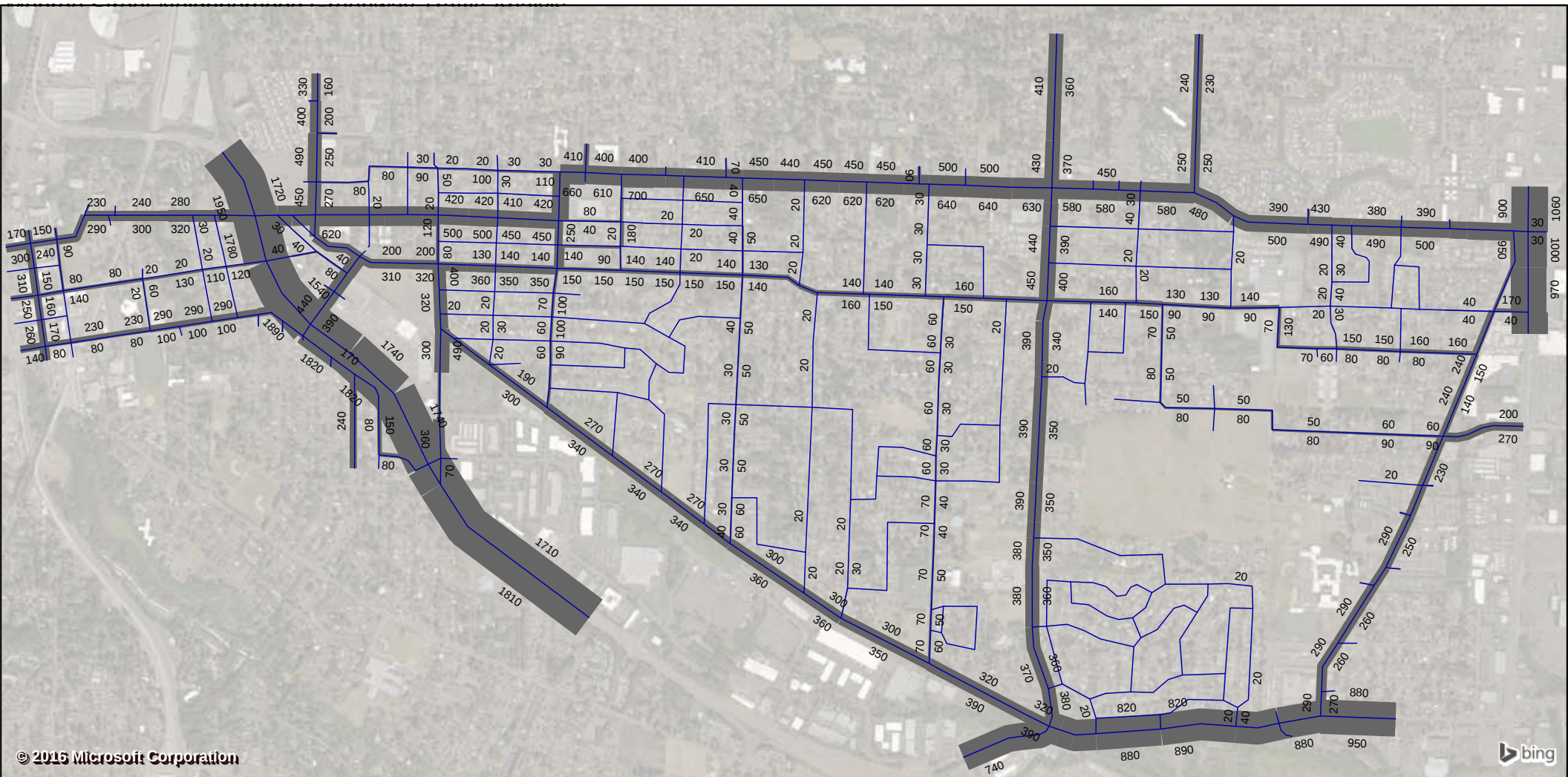
PM Peak Hour Volume Model Plots

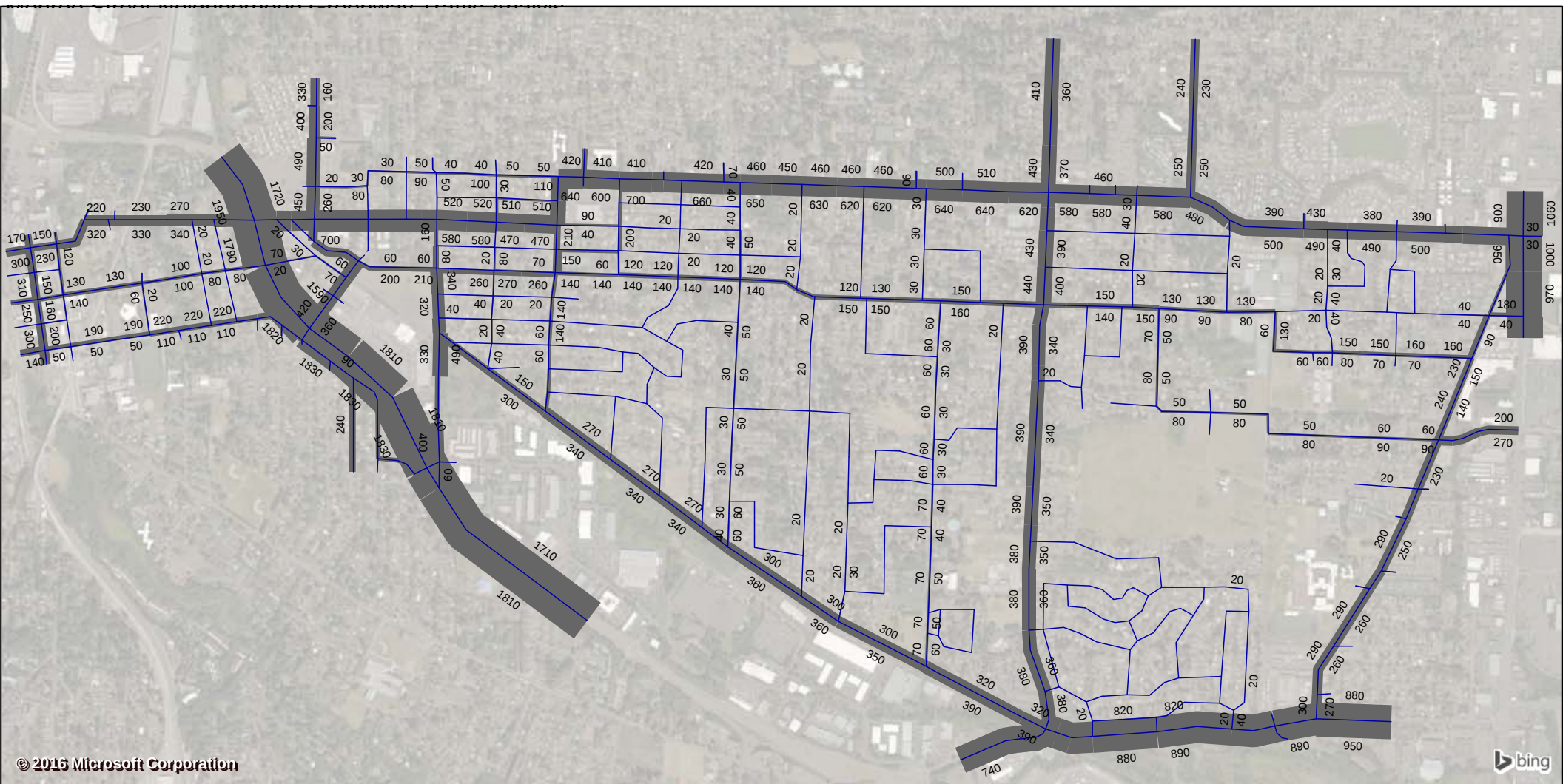


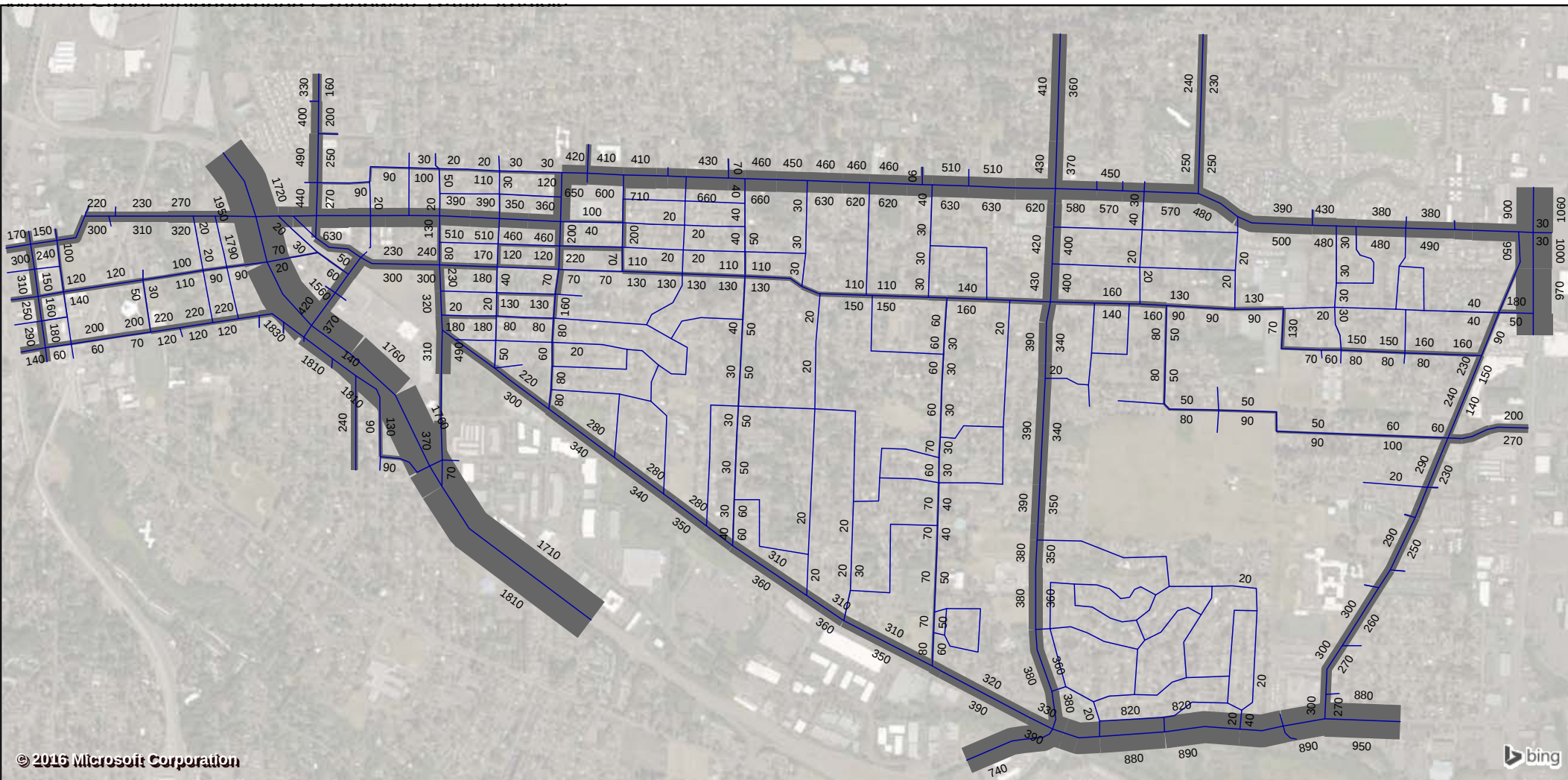


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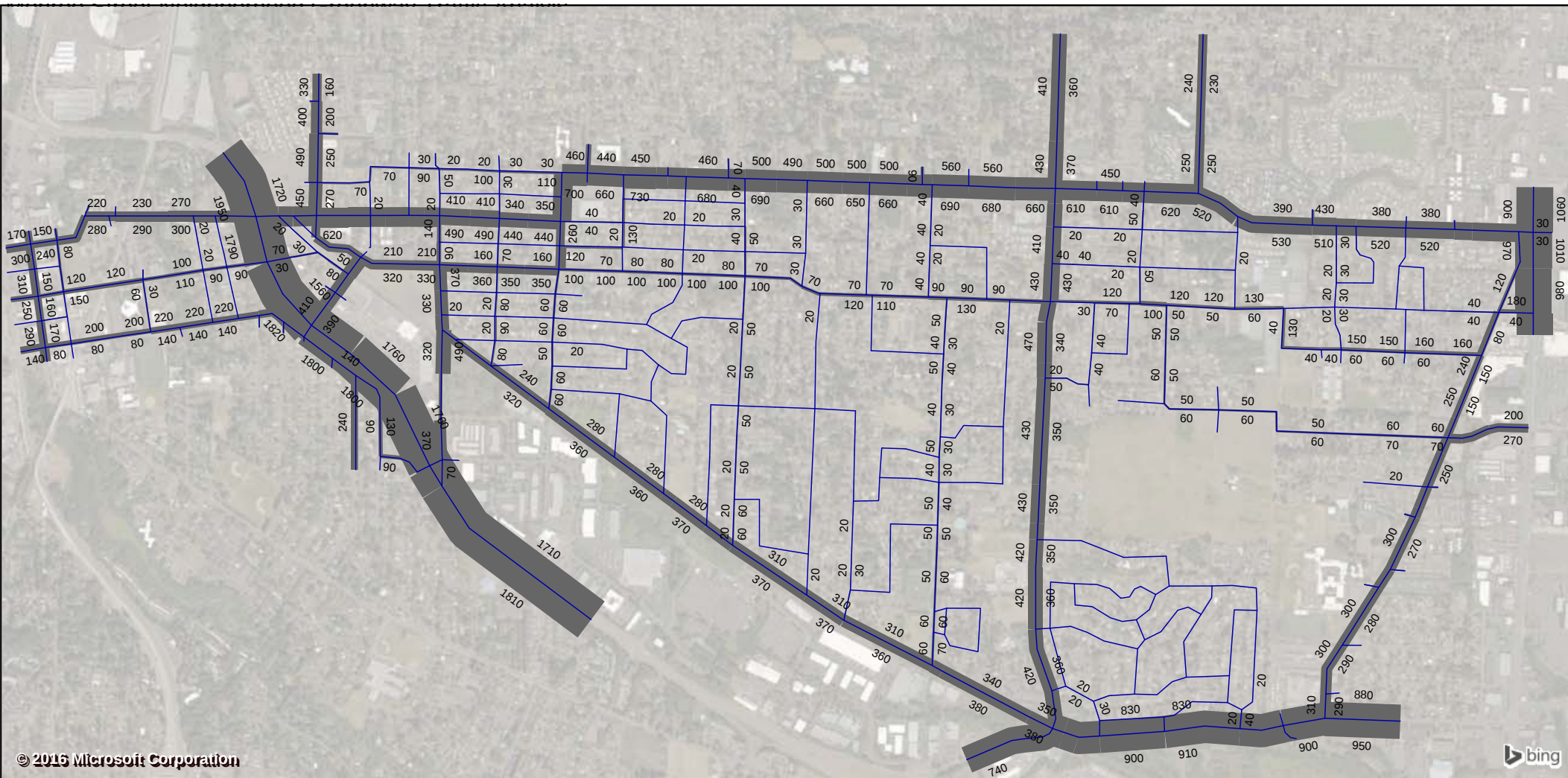




DKS

Initial Concept: Diverter at 42nd Avenue

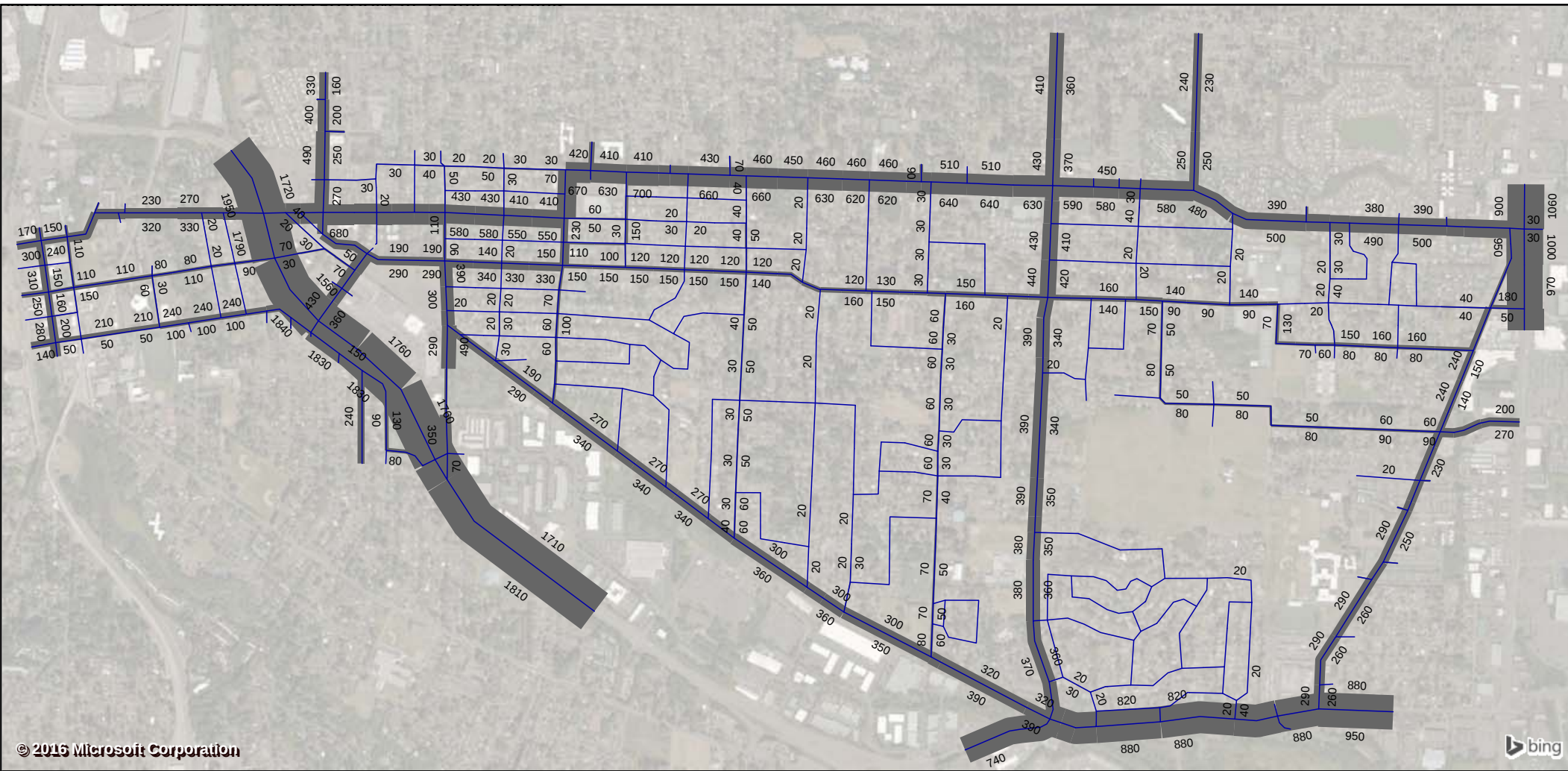
Created on: 12.02.2018



DKS

Initial Concept: Diverter at Linwood Avenue

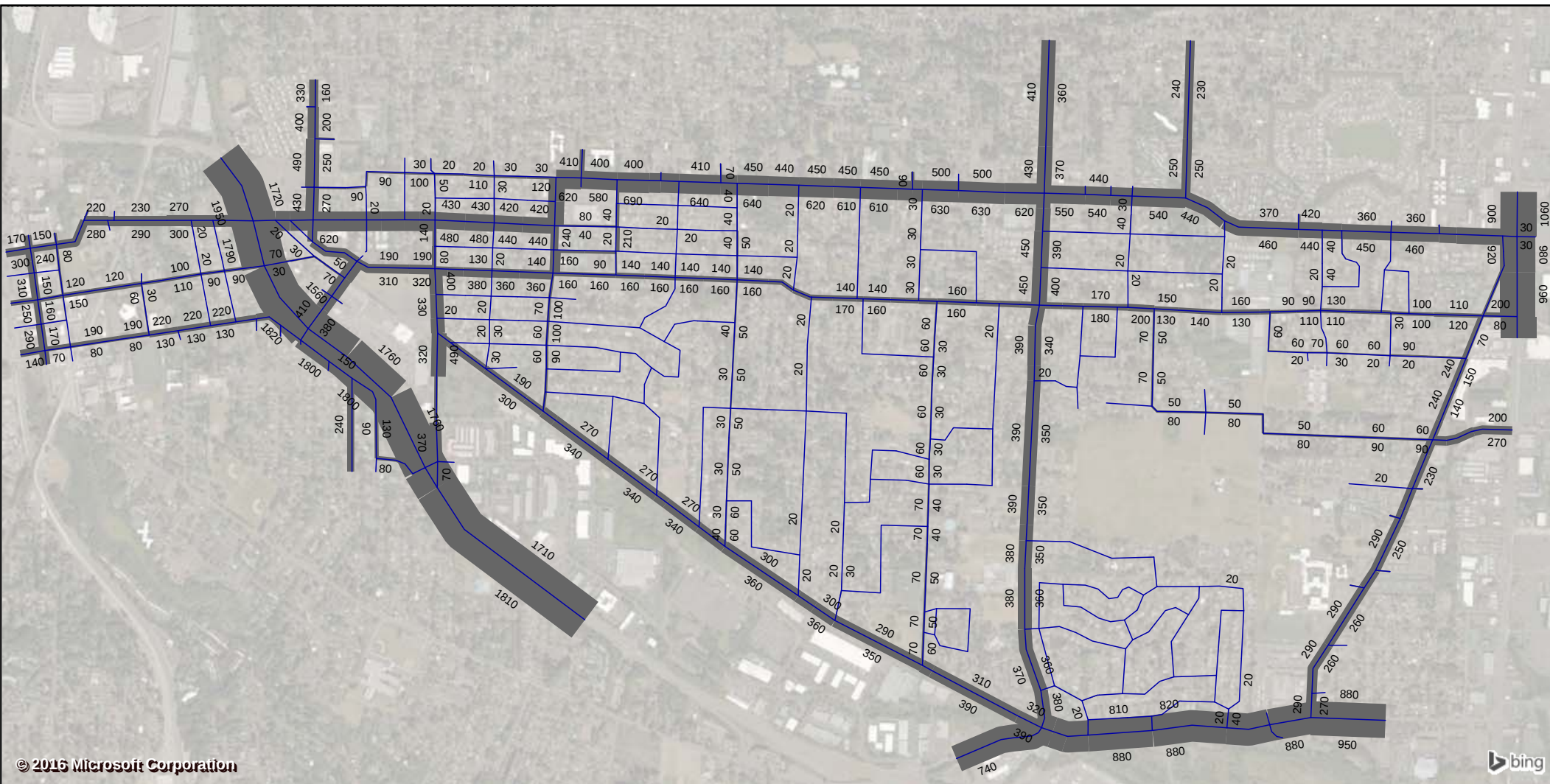
Created on: 12.02.2018



DKS

Initial Concept: Signal at Harrison Street/42nd Avenue

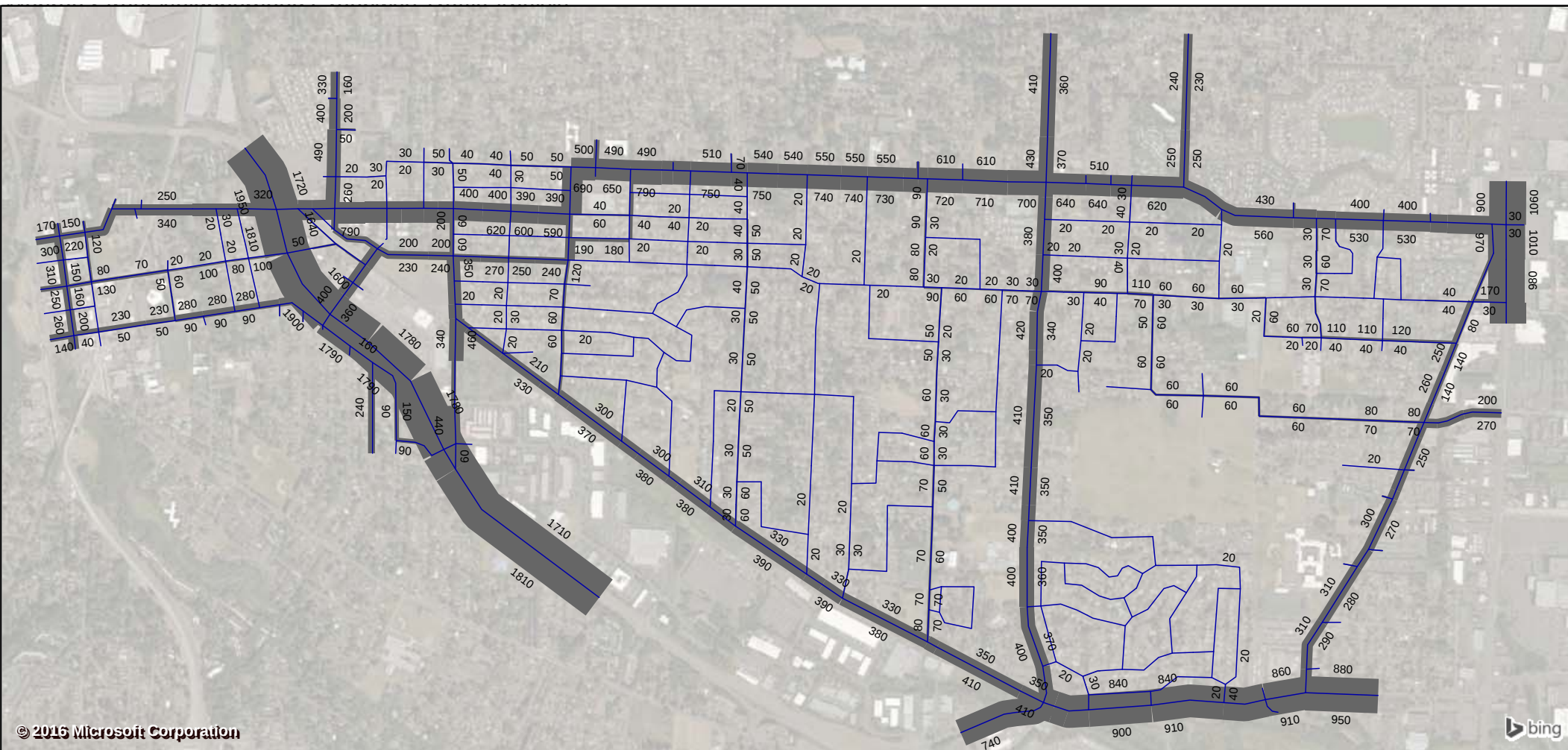
Created on: 12.02.2018

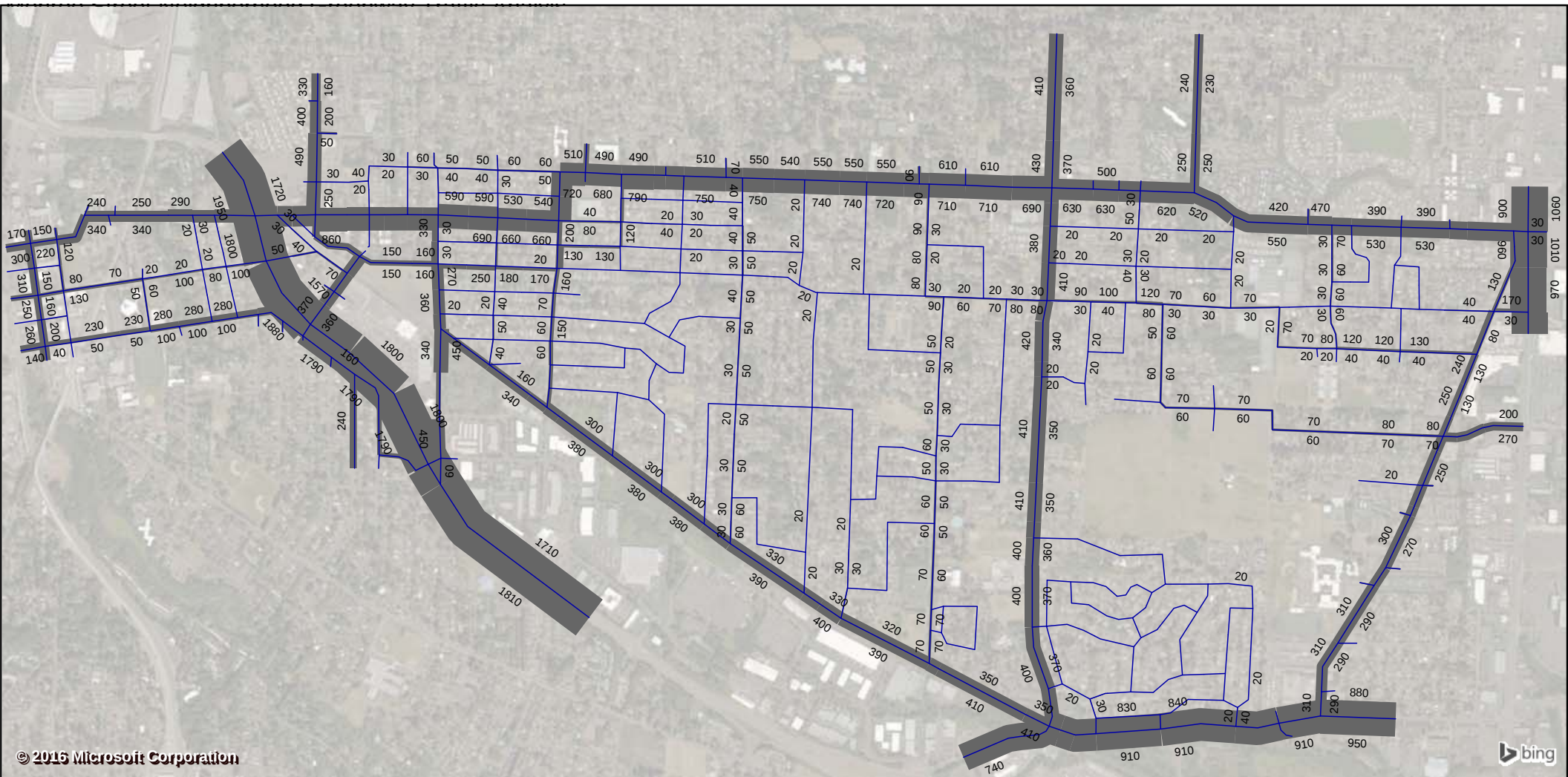


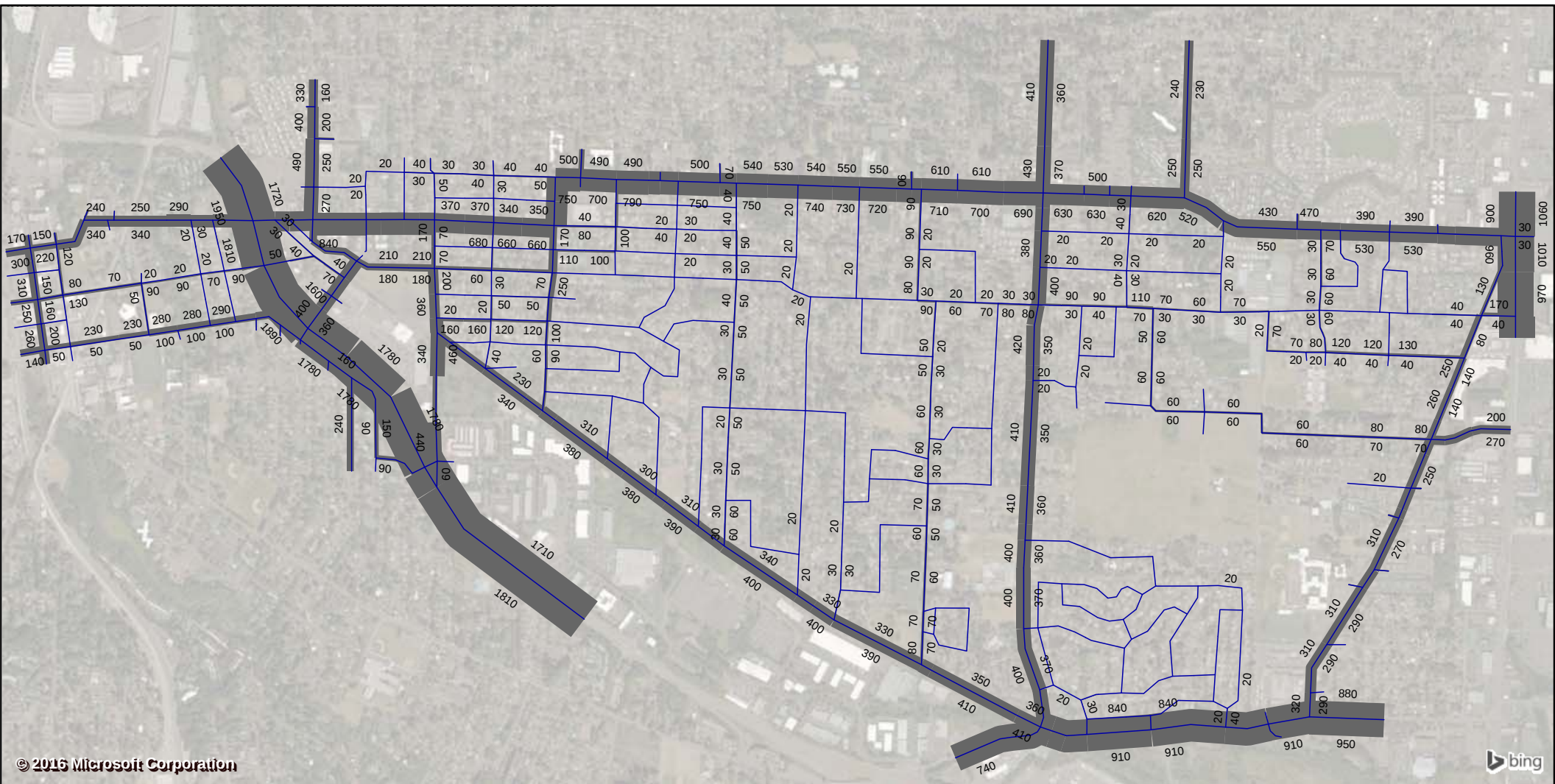
DKS

Initial Concept: Monroe Street Gap Open

Created on: 12.02.2018



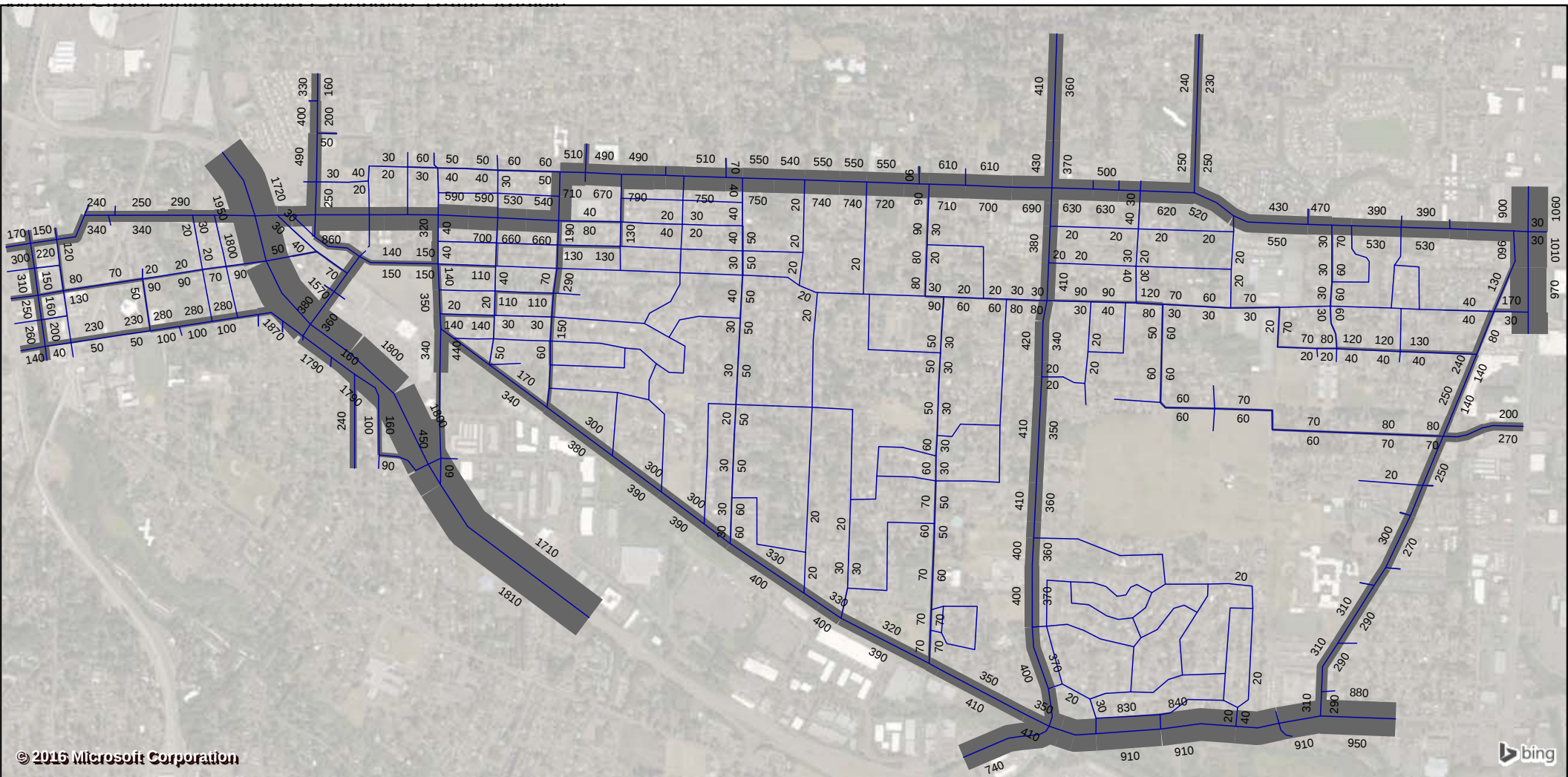




DKS

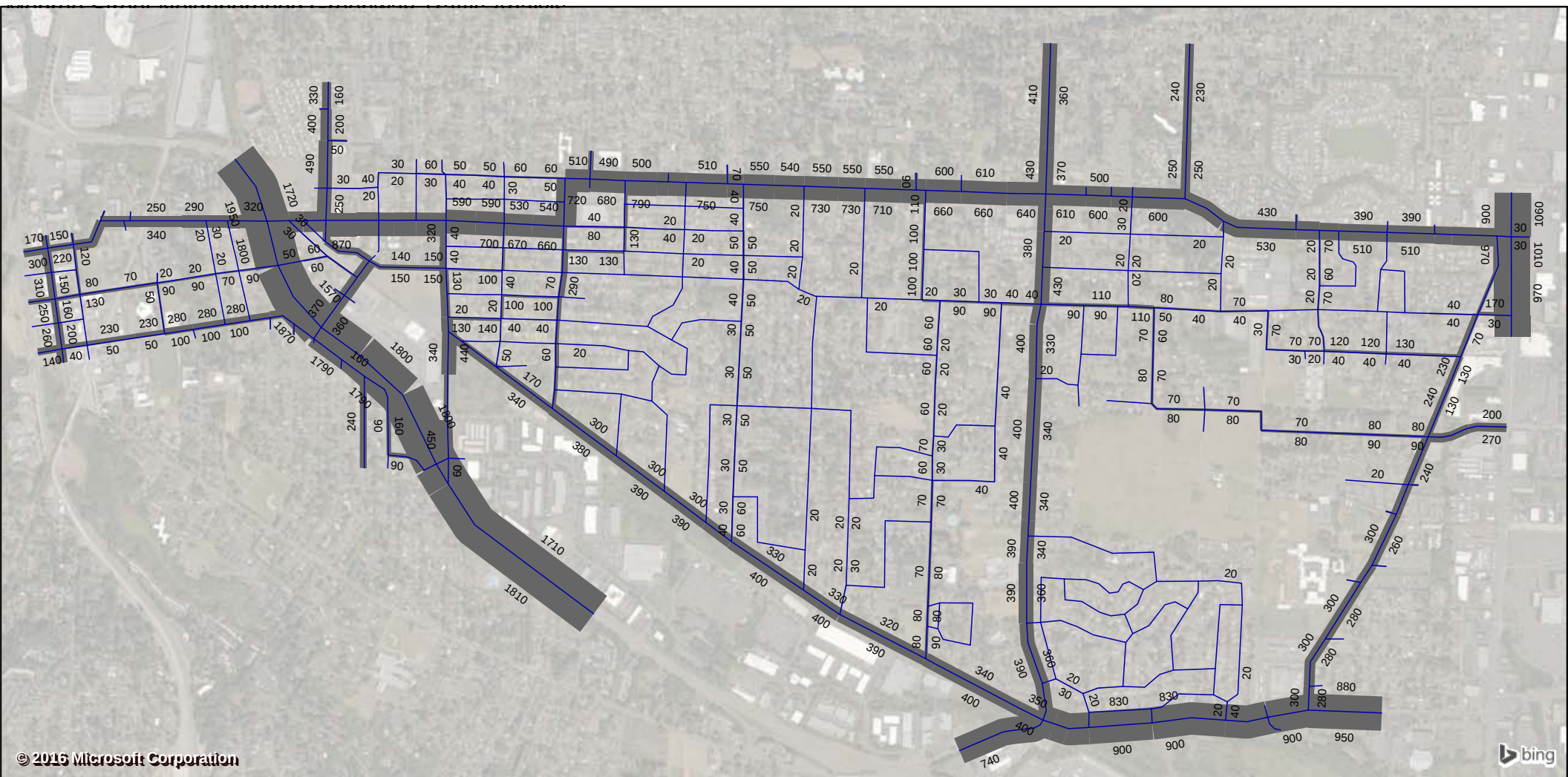
Refinement Concept: Refinement 3

Created on: 12.02.2018



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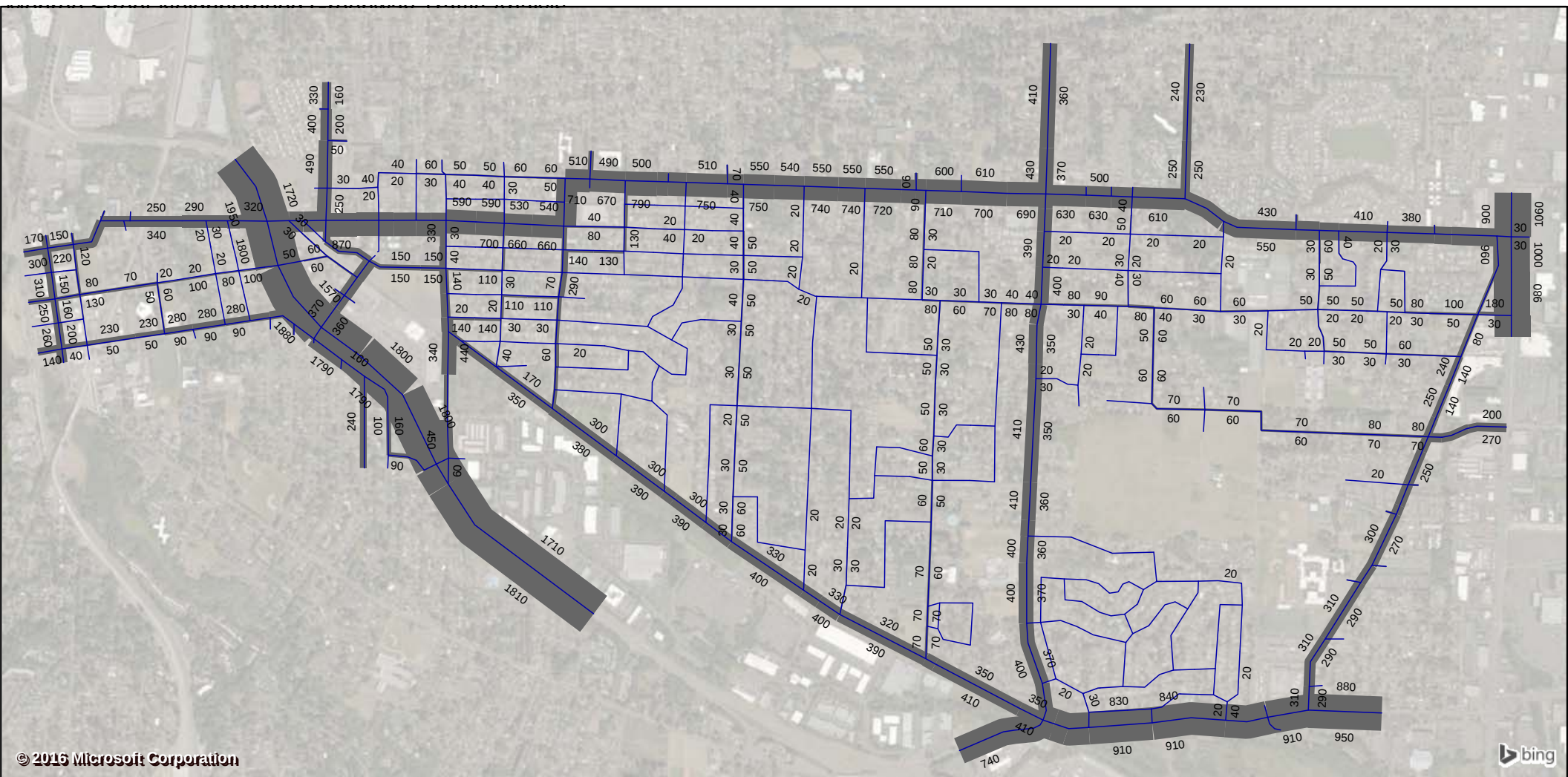


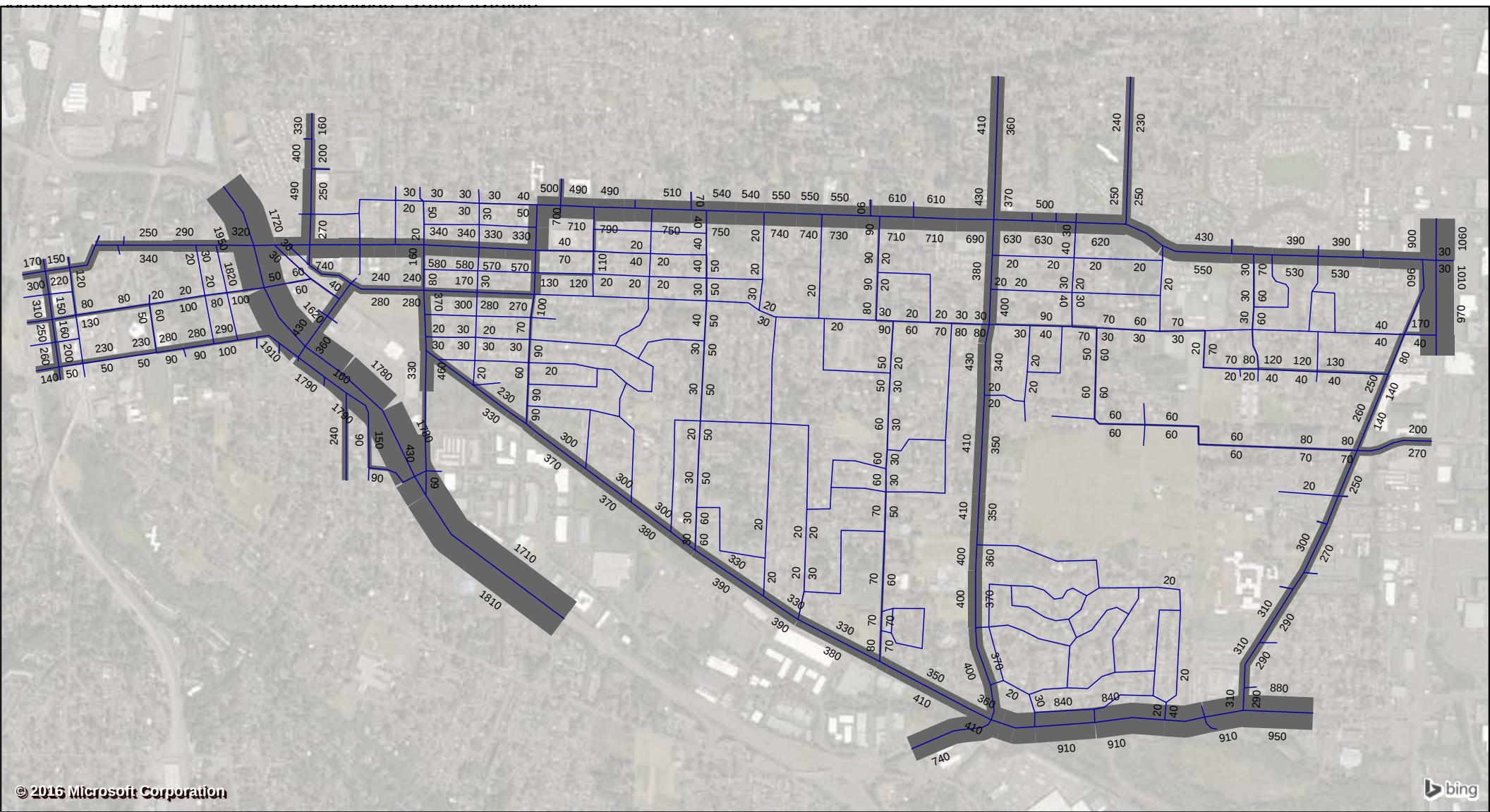


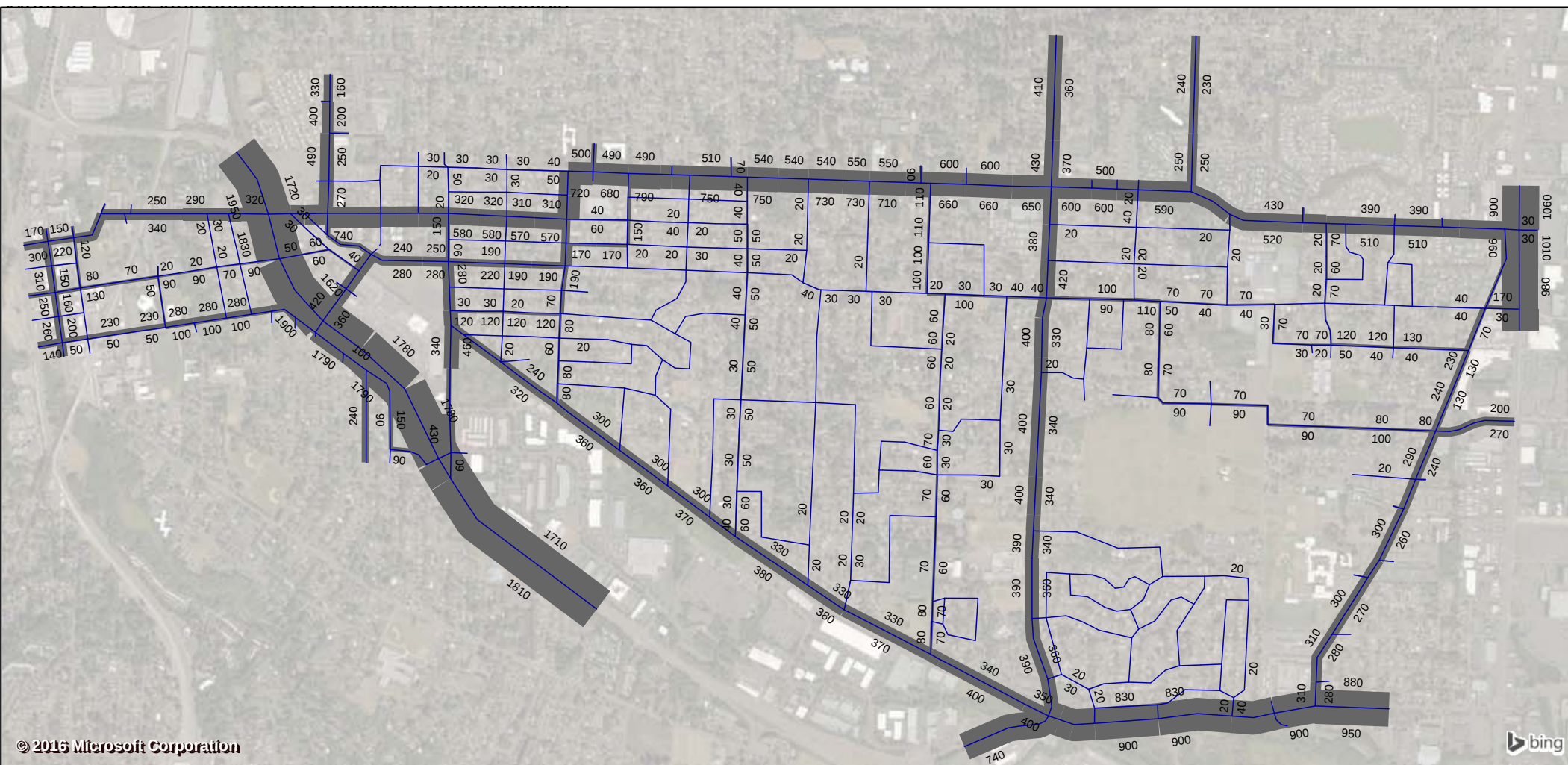
DKS

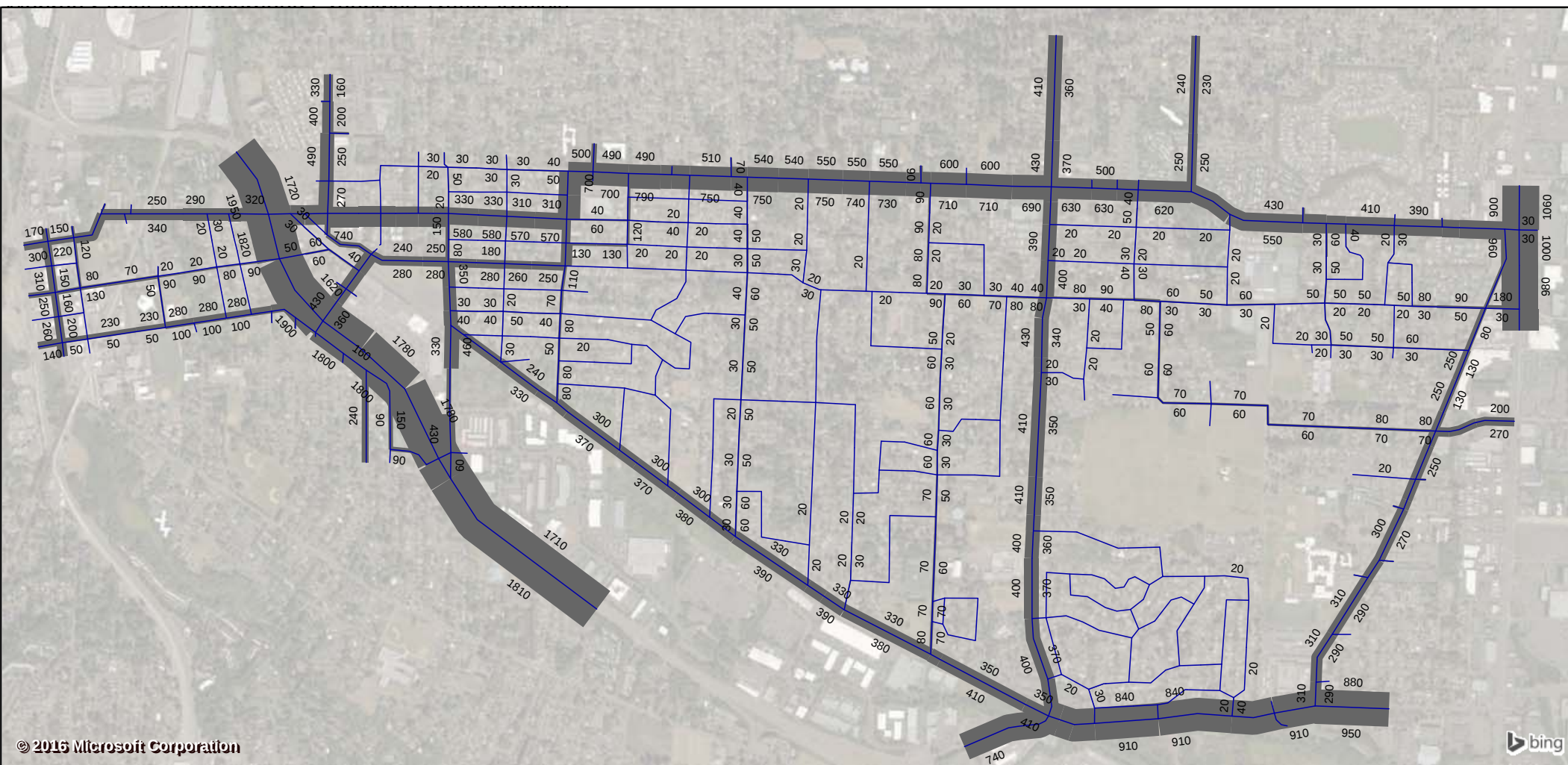
Refinement Concept: Monroe Street Alignment - no diverter at Linwood Avenue

Created on: 12.02.2018









Traffic Count Data – Intersection Turning Movement Volume

Total Vehicle Summary

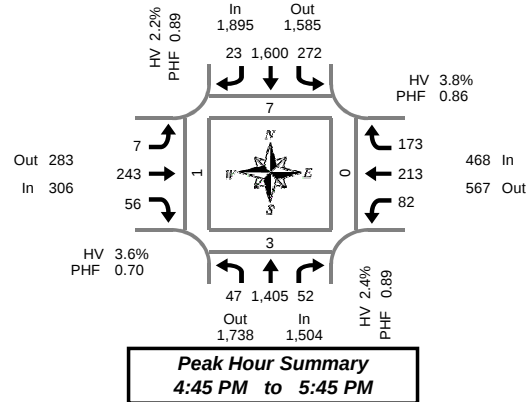


Clay Carney
(503) 833-2740

Hwy 224 & SE Harrison St

Tuesday, July 25, 2017

4:00 PM to 6:00 PM



5-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound Hwy 224				Southbound Hwy 224				Eastbound SE Harrison St				Westbound SE Harrison St				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	4	91	4	0	27	124	0	0	2	33	7	0	7	25	9	0	333	0	0	0	0
4:05 PM	3	91	2	0	30	164	2	0	1	11	1	0	3	21	7	0	336	0	0	1	0
4:10 PM	4	102	3	0	19	112	0	0	1	38	5	0	7	21	14	0	326	1	0	0	0
4:15 PM	3	128	3	0	25	162	4	0	0	13	2	0	4	11	10	0	365	0	0	0	0
4:20 PM	2	90	4	0	17	88	0	0	2	24	4	0	5	22	14	0	272	0	0	0	0
4:25 PM	2	115	1	0	5	153	1	0	0	16	5	0	2	11	7	1	318	3	1	0	2
4:30 PM	6	105	10	0	25	114	1	0	0	22	4	0	9	31	12	0	339	1	1	0	0
4:35 PM	3	95	8	0	34	141	0	0	0	13	8	1	6	14	13	0	335	3	0	0	0
4:40 PM	3	97	5	0	19	123	0	0	0	20	4	0	8	18	14	0	311	2	1	0	0
4:45 PM	4	113	11	2	36	166	3	0	0	14	5	0	6	17	13	0	388	0	0	0	0
4:50 PM	5	115	0	0	15	130	2	0	1	13	4	0	6	27	14	0	332	1	0	0	0
4:55 PM	1	112	2	0	31	149	1	0	0	11	3	0	7	15	19	0	351	0	0	0	0
5:00 PM	5	109	5	0	25	90	2	0	1	31	4	0	10	19	19	0	320	0	0	0	0
5:05 PM	1	111	6	0	28	151	1	0	3	32	7	0	4	16	20	0	380	0	2	0	0
5:10 PM	6	145	6	0	20	98	2	0	0	26	6	0	7	21	10	0	347	2	0	0	0
5:15 PM	3	132	4	1	23	142	1	0	0	16	4	0	4	17	12	0	358	1	1	0	0
5:20 PM	10	113	3	0	13	112	0	0	0	27	5	1	7	17	12	0	319	0	0	0	0
5:25 PM	2	111	5	0	16	146	2	0	0	13	5	0	8	15	15	0	338	0	0	0	0
5:30 PM	2	134	1	0	22	126	5	0	2	20	7	0	9	17	12	0	357	0	0	0	0
5:35 PM	1	117	5	0	29	177	0	0	0	8	1	0	6	10	17	0	371	1	0	0	0
5:40 PM	7	93	4	0	14	113	4	0	0	32	5	1	8	22	10	1	312	2	0	0	1
5:45 PM	4	126	6	0	24	155	2	0	1	16	5	2	4	15	14	0	372	0	0	0	0
5:50 PM	2	95	2	0	15	99	2	0	0	30	5	0	4	23	9	0	286	1	0	0	0
5:55 PM	8	95	8	0	29	154	2	0	0	17	1	0	0	6	10	0	330	0	0	0	0
Total Survey	91	2,635	108	3	541	3,189	37	0	14	496	107	5	141	431	306	2	8,096	18	6	1	3

15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound Hwy 224				Southbound Hwy 224				Eastbound SE Harrison St				Westbound SE Harrison St				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	11	284	9	0	76	400	2	0	4	82	13	0	17	67	30	0	995	1	0	1	0
4:15 PM	7	333	8	0	47	403	5	0	2	53	11	0	11	44	31	1	955	3	1	0	2
4:30 PM	12	297	23	0	78	378	1	0	0	55	16	1	23	63	39	0	985	6	2	0	0
4:45 PM	10	340	13	2	82	445	6	0	1	38	12	0	19	59	46	0	1,071	1	0	0	0
5:00 PM	12	365	17	0	73	339	5	0	4	89	17	0	21	56	49	0	1,047	2	2	0	0
5:15 PM	15	356	12	1	52	400	3	0	0	56	14	1	19	49	39	0	1,015	1	1	0	0
5:30 PM	10	344	10	0	65	416	9	0	2	60	13	1	23	49	39	1	1,040	3	0	0	1
5:45 PM	14	316	16	0	68	408	6	0	1	63	11	2	8	44	33	0	988	1	0	0	0
Total Survey	91	2,635	108	3	541	3,189	37	0	14	496	107	5	141	431	306	2	8,096	18	6	1	3

Peak Hour Summary

4:45 PM to 5:45 PM

By Approach	Northbound Hwy 224				Southbound Hwy 224				Eastbound SE Harrison St				Westbound SE Harrison St				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	1,504	1,738	3,242	3	1,895	1,585	3,480	0	306	283	589	2	468	567	1,035	1	4,173	7	3	0	1
%HV	2.4%				2.2%				3.6%				3.8%				2.5%				
PHF	0.89				0.89				0.70				0.86				0.96				

By Movement	Northbound Hwy 224				Southbound Hwy 224				Eastbound SE Harrison St				Westbound SE Harrison St				Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
Volume	47	1,405	52	1,504	272	1,600	23	1,895	7	243	56	306	82	213	173	468	4,173
%HV	6.4%	2.2%	3.8%	2.4%	0.0%	2.6%	0.0%	2.2%	0.0%	4.1%	1.8%	3.6%	3.7%	5.2%	2.3%	3.8%	2.5%
PHF	0.62	0.90	0.76	0.89	0.81	0.89	0.64	0.89	0.44	0.68	0.82	0.70	0.85	0.87	0.75	0.86	0.96

Rolling Hour Summary

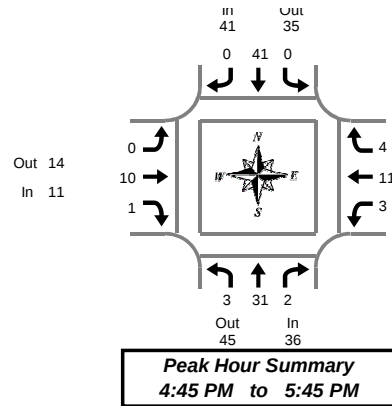
4:00 PM to 6:00 PM

Interval Start Time	Northbound Hwy 224				Southbound Hwy 224				Eastbound SE Harrison St				Westbound SE Harrison St				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	40	1,254	53	2	283	1,626	14	0	7	228	52	1	70	233	146	1	4,006	11	3	1	2
4:15 PM	41	1,335	61	2	280	1,565	17	0	7	235	56	1	74	222	165	1	4,058	12	5	0	2
4:30 PM	49	1,358	65	3	285	1,562	15	0	5	238	59	2	82	227	173	0	4,118	10	5	0	0
4:45 PM	47	1,405	52	3	272	1,600	23	0	7	243	56	2	82	213	173	1	4,173	7	3	0	1
5:00 PM	51	1,381	55	1	258	1,563	23	0	7	268	55	4	71	198	160	1	4,090	7	3	0	1

Heavy Vehicle Summary



Clay Carney
(503) 833-2740



Hwy 224 & SE Harrison St

Tuesday, July 25, 2017

4:00 PM to 6:00 PM

Heavy Vehicle 5-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound Hwy 224				Southbound Hwy 224				Eastbound SE Harrison St				Westbound SE Harrison St				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	0	1	0	1	0	4	0	4	0	2	2	4	1	1	1	3	12
4:05 PM	0	4	0	4	0	3	0	3	0	1	0	1	0	1	0	1	9
4:10 PM	0	5	0	5	0	2	0	2	0	0	0	0	1	1	0	2	9
4:15 PM	0	1	0	1	0	5	0	5	0	2	0	2	0	0	0	0	8
4:20 PM	0	3	0	3	0	3	0	3	0	0	1	1	0	1	0	1	8
4:25 PM	0	6	1	7	0	5	0	5	0	1	0	1	0	1	0	1	14
4:30 PM	4	3	1	8	1	2	0	3	0	1	0	1	0	2	0	2	14
4:35 PM	0	3	0	3	0	9	0	9	0	1	0	1	0	1	0	1	14
4:40 PM	0	0	0	0	0	5	0	5	0	2	2	4	0	0	0	0	9
4:45 PM	1	1	0	2	0	6	0	6	0	0	0	0	0	0	0	0	8
4:50 PM	0	1	0	1	0	4	0	4	0	1	0	1	0	2	0	2	8
4:55 PM	0	4	0	4	0	5	0	5	0	0	0	0	0	0	0	0	9
5:00 PM	0	2	0	2	0	2	0	2	0	2	0	2	0	1	0	1	7
5:05 PM	0	3	0	3	0	6	0	6	0	0	0	0	0	0	1	1	10
5:10 PM	0	1	0	1	0	2	0	2	0	1	0	1	0	2	0	2	6
5:15 PM	0	2	0	2	0	4	0	4	0	2	0	2	0	1	1	2	10
5:20 PM	1	6	1	8	0	4	0	4	0	1	0	1	2	1	0	3	16
5:25 PM	0	2	1	3	0	3	0	3	0	1	0	1	0	0	0	0	7
5:30 PM	0	3	0	3	0	2	0	2	0	1	1	2	0	1	1	2	9
5:35 PM	0	2	0	2	0	2	0	2	0	0	0	0	1	2	1	4	8
5:40 PM	1	4	0	5	0	1	0	1	0	1	0	1	0	1	0	1	8
5:45 PM	0	3	1	4	0	4	0	4	0	1	0	1	0	0	0	0	9
5:50 PM	1	4	0	5	0	2	0	2	0	0	2	2	0	1	0	1	10
5:55 PM	1	2	0	3	0	3	0	3	0	0	0	0	0	1	0	1	7
Total Survey	9	66	5	80	1	88	0	89	0	21	8	29	5	21	5	31	229

Heavy Vehicle 15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound Hwy 224				Southbound Hwy 224				Eastbound SE Harrison St				Westbound SE Harrison St				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	0	10	0	10	0	9	0	9	0	3	2	5	2	3	1	6	30
4:15 PM	0	10	1	11	0	13	0	13	0	3	1	4	0	2	0	2	30
4:30 PM	4	6	1	11	1	16	0	17	0	4	2	6	0	3	0	3	37
4:45 PM	1	6	0	7	0	15	0	15	0	1	0	1	0	2	0	2	25
5:00 PM	0	6	0	6	0	10	0	10	0	3	0	3	0	3	1	4	23
5:15 PM	1	10	2	13	0	11	0	11	0	4	0	4	2	2	1	5	33
5:30 PM	1	9	0	10	0	5	0	5	0	2	1	3	1	4	2	7	25
5:45 PM	2	9	1	12	0	9	0	9	0	1	2	3	0	2	0	2	26
Total Survey	9	66	5	80	1	88	0	89	0	21	8	29	5	21	5	31	229

Heavy Vehicle Peak Hour Summary

4:45 PM to 5:45 PM

By Approach	Northbound Hwy 224			Southbound Hwy 224			Eastbound SE Harrison St			Westbound SE Harrison St			Total
	In	Out	Total	In	Out	Total	In	Out	Total	In	Out	Total	
Volume	36	45	81	41	35	76	11	14	25	18	12	30	106
PHF	0.64			0.68			0.69			0.64			0.80

By Movement	Northbound Hwy 224				Southbound Hwy 224				Eastbound SE Harrison St				Westbound SE Harrison St				Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
Volume	3	31	2	36	0	41	0	41	0	10	1	11	3	11	4	18	106
PHF	0.75	0.70	0.25	0.64	0.00	0.68	0.00	0.68	0.00	0.63	0.25	0.69	0.38	0.69	0.50	0.64	0.80

Heavy Vehicle Rolling Hour Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound Hwy 224				Southbound Hwy 224				Eastbound SE Harrison St				Westbound SE Harrison St				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	5	32	2	39	1	53	0	54	0	11	5	16	2	10	1	13	122
4:15 PM	5	28	2	35	1	54	0	55	0	11	3	14	0	10	1	11	115
4:30 PM	6	28	3	37	1	52	0	53	0	12	2	14	2	10	2	14	118
4:45 PM	3	31	2	36	0	41	0	41	0	10	1	11	3	11	4	18	106
5:00 PM	4	34	3	41	0	35	0	35	0	10	3	13	3	11	4	18	107

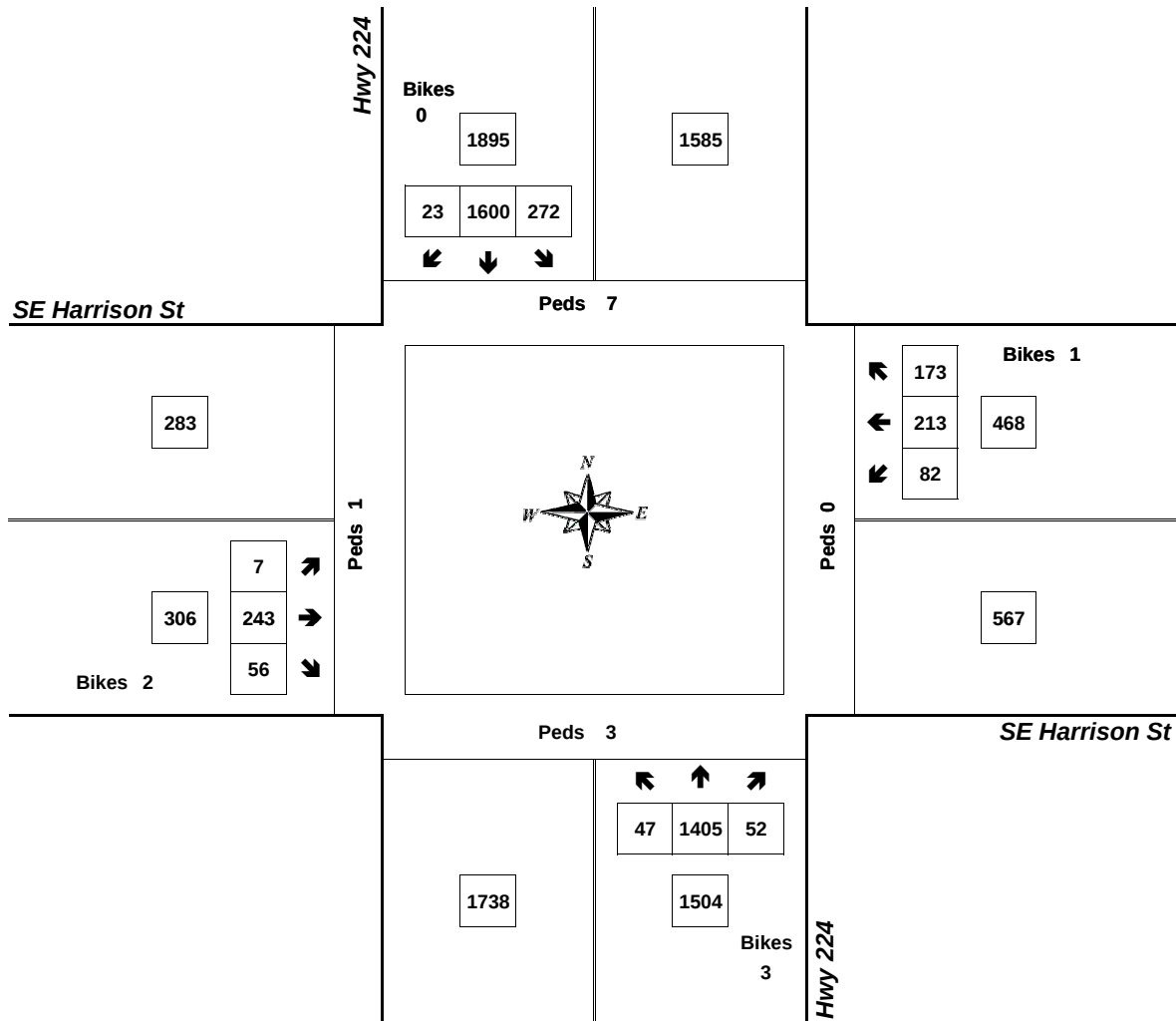
Peak Hour Summary



Clay Carney
(503) 833-2740

Hwy 224 & SE Harrison St

4:45 PM to 5:45 PM
Tuesday, July 25, 2017



Approach	PHF	HV%	Volume
EB	0.70	3.6%	306
WB	0.86	3.8%	468
NB	0.89	2.4%	1,504
SB	0.89	2.2%	1,895
Intersection	0.96	2.5%	4,173

Count Period: 4:00 PM to 6:00 PM

Total Vehicle Summary

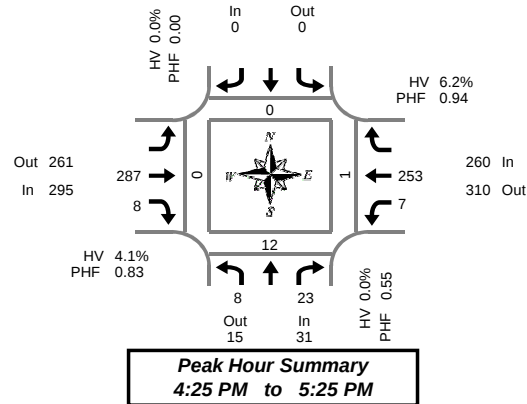


Clay Carney
(503) 833-2740

SE 28th Ave & SE Harrison St

Tuesday, July 25, 2017

4:00 PM to 6:00 PM



5-Minute Interval Summary 4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 28th Ave				Southbound SE 28th Ave				Eastbound SE Harrison St				Westbound SE Harrison St				Interval Total	Pedestrians Crosswalk			
	L	R	Bikes		L	R	Bikes		T	R	Bikes		L	T	Bikes			North	South	East	West
4:00 PM	0	2	0		0	0	0		21	0	0		0	26	0		49	0	0	0	0
4:05 PM	0	0	0		0	0	0		29	0	0		1	26	0		56	0	0	0	0
4:10 PM	1	1	0		0	0	0		21	0	0		1	16	0		40	0	0	0	0
4:15 PM	0	0	0		0	0	0		24	0	0		3	15	0		42	0	0	0	0
4:20 PM	0	0	0		0	0	0		25	0	0		0	22	0		47	0	0	0	0
4:25 PM	0	1	0		0	0	0		19	2	0		1	28	1		51	0	0	0	0
4:30 PM	2	1	0		0	0	0		27	0	1		0	17	1		47	0	0	0	0
4:35 PM	0	1	0		0	0	0		29	1	1		0	22	1		53	0	0	0	0
4:40 PM	1	1	0		0	0	0		22	1	1		0	16	0		41	0	3	0	0
4:45 PM	1	1	0		0	0	0		17	1	0		3	26	0		49	0	4	1	0
4:50 PM	0	4	0		0	0	0		16	0	0		1	20	0		41	0	0	0	0
4:55 PM	1	2	0		0	0	0		28	1	0		0	19	0		51	0	2	0	0
5:00 PM	1	6	0		0	0	0		26	1	0		0	22	0		56	0	0	0	0
5:05 PM	0	2	0		0	0	0		32	0	0		0	21	0		55	0	0	0	0
5:10 PM	1	1	0		0	0	0		29	1	0		0	14	1		46	0	1	0	0
5:15 PM	1	3	0		0	0	0		20	0	0		1	21	0		46	0	1	0	0
5:20 PM	0	0	1		0	0	0		22	0	0		1	27	0		50	0	1	0	0
5:25 PM	0	0	0		0	0	0		19	0	0		0	19	0		38	0	0	0	0
5:30 PM	0	1	0		0	0	0		22	1	0		0	16	2		40	0	0	0	0
5:35 PM	0	0	1		0	0	0		21	0	0		1	15	1		37	0	0	0	0
5:40 PM	2	0	0		0	0	0		32	0	0		0	21	0		55	0	0	0	0
5:45 PM	0	1	0		0	0	0		30	0	0		2	23	0		56	0	0	0	0
5:50 PM	0	0	0		0	0	0		21	0	0		0	19	0		40	0	0	0	0
5:55 PM	0	0	0		0	0	0		22	1	0		1	18	0		42	0	0	0	0
Total Survey	11	28	2		0	0	0		574	10	3		16	489	7		1,128	0	12	1	0

15-Minute Interval Summary 4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 28th Ave				Southbound SE 28th Ave				Eastbound SE Harrison St				Westbound SE Harrison St				Interval Total	Pedestrians Crosswalk			
	L	R	Bikes		L	R	Bikes		T	R	Bikes		L	T	Bikes			North	South	East	West
4:00 PM	1	3	0		0	0	0		71	0	0		2	68	0		145	0	0	0	0
4:15 PM	0	1	0		0	0	0		68	2	0		4	65	1		140	0	0	0	0
4:30 PM	3	3	0		0	0	0		78	2	3		0	55	2		141	0	3	0	0
4:45 PM	2	7	0		0	0	0		61	2	0		4	65	0		141	0	6	1	0
5:00 PM	2	9	0		0	0	0		87	2	0		0	57	1		157	0	1	0	0
5:15 PM	1	3	1		0	0	0		61	0	0		2	67	0		134	0	2	0	0
5:30 PM	2	1	1		0	0	0		75	1	0		1	52	3		132	0	0	0	0
5:45 PM	0	1	0		0	0	0		73	1	0		3	60	0		138	0	0	0	0
Total Survey	11	28	2		0	0	0		574	10	3		16	489	7		1,128	0	12	1	0

Peak Hour Summary 4:25 PM to 5:25 PM

By Approach	Northbound SE 28th Ave				Southbound SE 28th Ave				Eastbound SE Harrison St				Westbound SE Harrison St				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	31	15	46	1	0	0	0	0	295	261	556	3	260	310	570	4	586	0	12	1	0
%HV	0.0%				0.0%				4.1%				6.2%				4.8%				
PHF	0.55				0.00				0.83				0.94				0.90				

By Movement	Northbound SE 28th Ave				Southbound SE 28th Ave				Eastbound SE Harrison St				Westbound SE Harrison St				Total				
	L	R	Total		L	R	Total		T	R	Total		L	T	Total						
Volume	8	23	31				0		287	8	295		7	253	260		586				
%HV	0.0%	NA	0.0%	0.0%	NA	NA	NA	0.0%	NA	4.2%	0.0%	4.1%	0.0%	6.3%	NA	6.2%	4.8%				
PHF	0.67	0.48	0.55				0.00		0.82	0.67	0.83		0.44	0.94	0.94		0.90				

Rolling Hour Summary 4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 28th Ave				Southbound SE 28th Ave				Eastbound SE Harrison St				Westbound SE Harrison St				Interval Total	Pedestrians Crosswalk			
	L	R	Bikes		L	R	Bikes		T	R	Bikes		L	T	Bikes			North	South	East	West
4:00 PM	6	14	0				0		278	6	3		10	253	3		567	0	9	1	0
4:15 PM	7	20	0				0		294	8	3		8	242	4		579	0	10	1	0
4:30 PM	8	22	1				0		287	6	3		6	244	3		573	0	12	1	0
4:45 PM	7	20	2				0		284	5	0		7	241	4		564	0	9	1	0
5:00 PM	5	14	2				0		296	4	0		6	236	4		561	0	3	0	0

Heavy Vehicle Summary

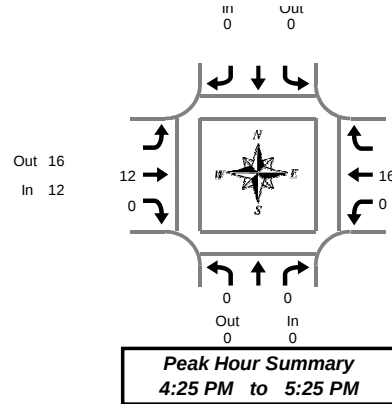


Clay Carney
(503) 833-2740

SE 28th Ave & SE Harrison St

Tuesday, July 25, 2017

4:00 PM to 6:00 PM



Heavy Vehicle 5-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 28th Ave				Southbound SE 28th Ave				Eastbound SE Harrison St			Westbound SE Harrison St			Interval Total
	L		R	Total				Total	T	R	Total	L	T		Total
4:00 PM	0		0	0				0	2	0	2	0	0		2
4:05 PM	0		0	0				0	0	0	0	0	1		1
4:10 PM	0		0	0				0	2	0	2	0	1		3
4:15 PM	0		0	0				0	0	0	0	0	0		0
4:20 PM	0		0	0				0	1	0	1	0	1		2
4:25 PM	0		0	0				0	2	0	2	0	4		6
4:30 PM	0		0	0				0	0	0	0	0	4		4
4:35 PM	0		0	0				0	2	0	2	0	1		3
4:40 PM	0		0	0				0	2	0	2	0	1		3
4:45 PM	0		0	0				0	0	0	0	0	0		0
4:50 PM	0		0	0				0	1	0	1	0	1		2
4:55 PM	0		0	0				0	2	0	2	0	0		2
5:00 PM	0		0	0				0	0	0	0	0	0		0
5:05 PM	0		0	0				0	0	0	0	0	0		0
5:10 PM	0		0	0				0	2	0	2	0	2		4
5:15 PM	0		0	0				0	1	0	1	0	1		2
5:20 PM	0		0	0				0	0	0	0	0	2		2
5:25 PM	0		0	0				0	2	0	2	0	1		3
5:30 PM	0		0	0				0	1	0	1	0	0		1
5:35 PM	0		0	0				0	1	0	1	0	2		3
5:40 PM	0		0	0				0	0	0	0	0	2		2
5:45 PM	0		0	0				0	3	0	3	0	2		5
5:50 PM	0		0	0				0	0	0	0	0	1		1
5:55 PM	0		0	0				0	2	0	2	0	1		3
Total Survey	0		0	0				0	26	0	26	0	28		54

Heavy Vehicle 15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 28th Ave				Southbound SE 28th Ave				Eastbound SE Harrison St			Westbound SE Harrison St			Interval Total
	L		R	Total				Total	T	R	Total	L	T		Total
4:00 PM	0		0	0				0	4	0	4	0	2		6
4:15 PM	0		0	0				0	3	0	3	0	5		8
4:30 PM	0		0	0				0	4	0	4	0	6		10
4:45 PM	0		0	0				0	3	0	3	0	1		4
5:00 PM	0		0	0				0	2	0	2	0	2		4
5:15 PM	0		0	0				0	3	0	3	0	4		7
5:30 PM	0		0	0				0	2	0	2	0	4		6
5:45 PM	0		0	0				0	5	0	5	0	4		9
Total Survey	0		0	0				0	26	0	26	0	28		54

Heavy Vehicle Peak Hour Summary

4:25 PM to 5:25 PM

By Approach	Northbound SE 28th Ave			Southbound SE 28th Ave			Eastbound SE Harrison St			Westbound SE Harrison St			Total
	In	Out	Total	In	Out	Total	In	Out	Total	In	Out	Total	
Volume	0	0	0	0	0	0	12	16	28	16	12	28	28
PHF	0.00			0.00			0.75			0.44			0.54

By Movement	Northbound SE 28th Ave			Southbound SE 28th Ave			Eastbound SE Harrison St			Westbound SE Harrison St			Total
	L		R			Total	T	R	Total	L	T	Total	
Volume	0		0			0	12	0	12	0	16	16	28
PHF	0.00		0.00			0.00	0.75	0.00	0.75	0.00	0.44	0.44	0.54

Heavy Vehicle Rolling Hour Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 28th Ave				Southbound SE 28th Ave				Eastbound SE Harrison St			Westbound SE Harrison St			Interval Total
	L		R	Total				Total	T	R	Total	L	T		Total
4:00 PM	0		0	0				0	14	0	14	0	14		28
4:15 PM	0		0	0				0	12	0	12	0	14		26
4:30 PM	0		0	0				0	12	0	12	0	13		25
4:45 PM	0		0	0				0	10	0	10	0	11		21
5:00 PM	0		0	0				0	12	0	12	0	14		26

Peak Hour Summary



Clay Carney
(503) 833-2740

SE 28th Ave & SE Harrison St

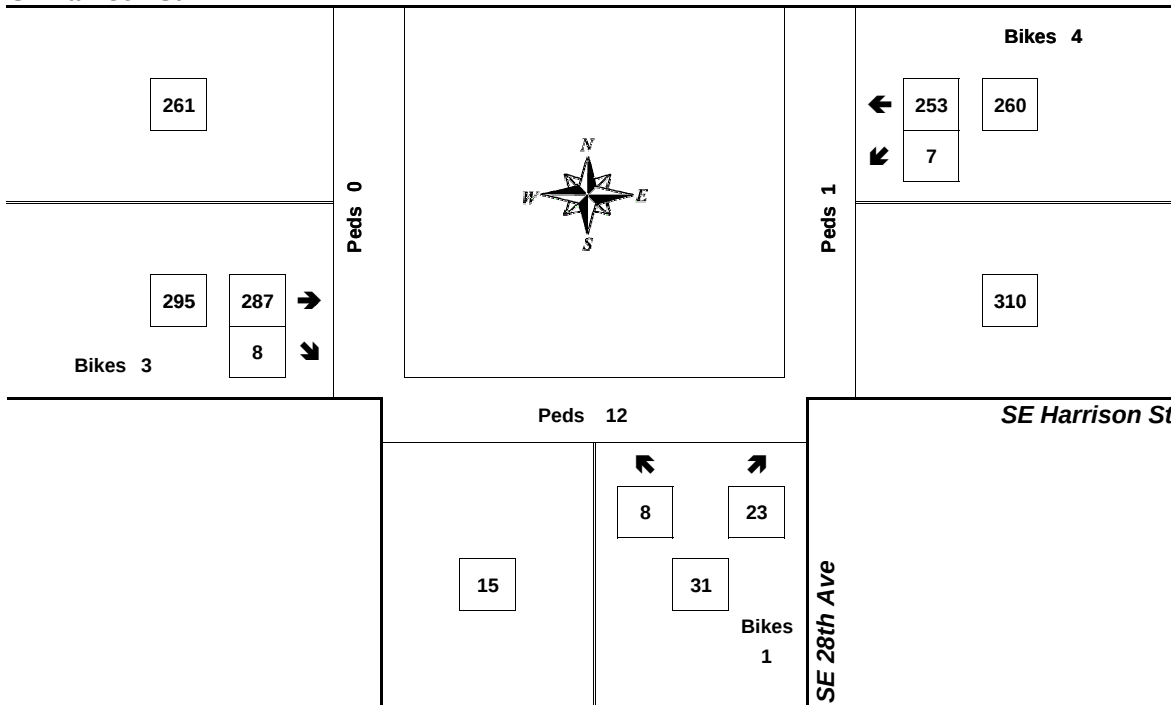
4:25 PM to 5:25 PM

Tuesday, July 25, 2017

Bikes
0

SE Harrison St

Peds 0



Approach	PHF	HV%	Volume
EB	0.83	4.1%	295
WB	0.94	6.2%	260
NB	0.55	0.0%	31
SB	0.00	0.0%	0
Intersection	0.90	4.8%	586

Count Period: 4:00 PM to 6:00 PM

Total Vehicle Summary

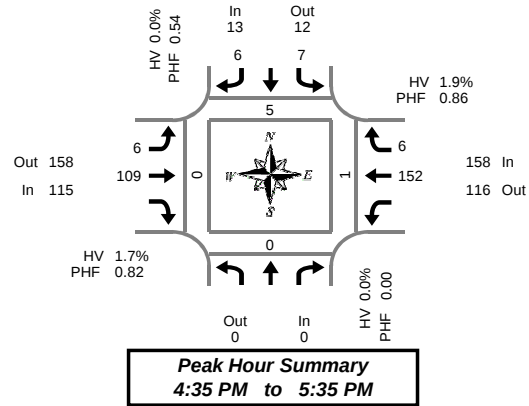


Clay Carney
(503) 833-2740

SE 28th Ave & SE Washington St

Tuesday, July 25, 2017

4:00 PM to 6:00 PM



5-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 28th Ave				Southbound SE 28th Ave				Eastbound SE Washington St				Westbound SE Washington St				Interval Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	0	0	0	0
4:05 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	1	0
4:10 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0
4:20 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	1	0	0	0
4:25 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	0	0	0	0
4:35 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	1	0	0	0
4:40 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	1	0	1	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0
4:50 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	0	0	0	0
4:55 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	0	0	0	0
5:05 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	1	0	0	0
5:10 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	0	0	0	0
5:20 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	1	0	0	0
5:25 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	1	0	0	0
5:35 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0
5:40 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	1	0	0	0
5:50 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	0	0	0	0
5:55 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	0	0	0	0
Total Survey	0	0	0	0	11	10	1	14	220	11	1	1	271	14	9	540	7	0	2	0	0

15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 28th Ave				Southbound SE 28th Ave				Eastbound SE Washington St				Westbound SE Washington St				Interval Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70	0	0	1	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	55	1	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	77	2	0	1	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	83	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57	1	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63	1	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71	1	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64	1	0	0	0
Total Survey	0	0	0	0	11	10	1	14	220	11	1	1	271	14	9	540	7	0	2	0	0

Peak Hour Summary

4:35 PM to 5:35 PM

By Approach	Northbound SE 28th Ave				Southbound SE 28th Ave				Eastbound SE Washington St				Westbound SE Washington St				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	0	0	0	0	13	12	25	0	115	158	273	6	158	116	274	7	286	5	0	1	0
%HV	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.7%	1.7%	1.7%	0.82	1.9%	1.9%	1.9%	0.86	1.7%				
PHF	0.00	0.00	0.00	0.00	0.54	0.54	0.54	0.54	0.82	0.82	0.82	0.82	0.86	0.86	0.86	0.86	0.86				

By Movement	Northbound SE 28th Ave				Southbound SE 28th Ave				Eastbound SE Washington St				Westbound SE Washington St				Total
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	
Volume	0	0	0	0	7	6	13	1	111	109	220	11	152	145	297	6	286
%HV	NA	NA	NA	0.0%	0.0%	0.0%	0.0%	0.0%	1.8%	1.7%	1.7%	0.82	2.0%	1.9%	1.9%	0.86	1.7%
PHF	0.00	0.00	0.00	0.00	0.44	0.38	0.54	0.50	0.85	0.82	0.82	0.82	0.86	0.75	0.86	0.86	0.86

Rolling Hour Summary

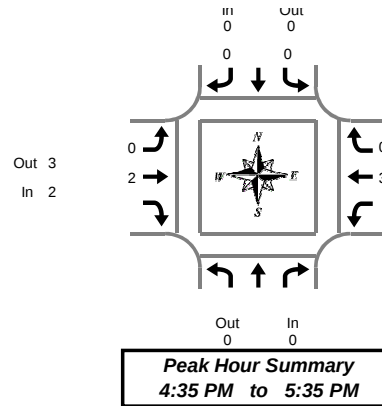
4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 28th Ave				Southbound SE 28th Ave				Eastbound SE Washington St				Westbound SE Washington St				Interval Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	285	3	0	2	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	272	4	0	1	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	280	4	0	1	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	274	3	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	255	4	0	0	0

Heavy Vehicle Summary



Clay Carney
(503) 833-2740



SE 28th Ave & SE Washington St

Tuesday, July 25, 2017

4:00 PM to 6:00 PM

Heavy Vehicle 5-Minute Interval Summary 4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 28th Ave			Southbound SE 28th Ave			Eastbound SE Washington St			Westbound SE Washington St			Interval Total
	In	Out	Total	L	R	Total	L	T	Total	T	R	Total	
4:00 PM			0	0	0	0	0	0	0	0	0	0	0
4:05 PM			0	0	0	0	0	0	0	1	0	1	1
4:10 PM			0	0	0	0	0	0	0	0	0	0	0
4:15 PM			0	0	0	0	0	0	0	0	0	0	0
4:20 PM			0	0	0	0	0	0	0	0	0	0	0
4:25 PM			0	0	0	0	0	0	0	0	0	0	0
4:30 PM			0	0	0	0	0	0	0	1	0	1	1
4:35 PM			0	0	0	0	0	0	0	1	0	1	1
4:40 PM			0	0	0	0	0	1	1	0	0	0	1
4:45 PM			0	0	0	0	0	1	1	0	0	0	1
4:50 PM			0	0	0	0	0	0	0	0	0	0	0
4:55 PM			0	0	0	0	0	0	0	2	0	2	2
5:00 PM			0	0	0	0	0	0	0	0	0	0	0
5:05 PM			0	0	0	0	0	0	0	0	0	0	0
5:10 PM			0	0	0	0	0	0	0	0	0	0	0
5:15 PM			0	0	0	0	0	0	0	0	0	0	0
5:20 PM			0	0	0	0	0	0	0	0	0	0	0
5:25 PM			0	0	0	0	0	0	0	0	0	0	0
5:30 PM			0	0	0	0	0	0	0	0	0	0	0
5:35 PM			0	0	0	0	0	0	0	0	0	0	0
5:40 PM			0	0	0	0	0	0	0	0	0	0	0
5:45 PM			0	0	0	0	0	0	0	0	0	0	0
5:50 PM			0	0	0	0	0	0	0	0	0	0	0
5:55 PM			0	0	0	0	0	0	0	1	0	1	1
Total Survey			0	0	0	0	0	2	2	6	0	6	8

Heavy Vehicle 15-Minute Interval Summary 4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 28th Ave			Southbound SE 28th Ave			Eastbound SE Washington St			Westbound SE Washington St			Interval Total
	In	Out	Total	L	R	Total	L	T	Total	T	R	Total	
4:00 PM			0	0	0	0	0	0	0	1	0	1	1
4:15 PM			0	0	0	0	0	0	0	0	0	0	0
4:30 PM			0	0	0	0	0	1	1	2	0	2	3
4:45 PM			0	0	0	0	0	1	1	2	0	2	3
5:00 PM			0	0	0	0	0	0	0	0	0	0	0
5:15 PM			0	0	0	0	0	0	0	0	0	0	0
5:30 PM			0	0	0	0	0	0	0	0	0	0	0
5:45 PM			0	0	0	0	0	0	0	1	0	1	1
Total Survey			0	0	0	0	0	2	2	6	0	6	8

Heavy Vehicle Peak Hour Summary 4:35 PM to 5:35 PM

By Approach	Northbound SE 28th Ave			Southbound SE 28th Ave			Eastbound SE Washington St			Westbound SE Washington St			Total
	In	Out	Total	In	Out	Total	In	Out	Total	In	Out	Total	
Volume	0	0	0	0	0	0	2	3	5	3	2	5	5
PHF	0.00			0.00			0.25			0.38			0.42

By Movement	Northbound SE 28th Ave			Southbound SE 28th Ave			Eastbound SE Washington St			Westbound SE Washington St			Total
	L	T	Total	L	R	Total	L	T	Total	T	R	Total	
Volume	0	0	0	0	0	0	0	2	2	3	0	3	5
PHF	0.00	0.00		0.00	0.00		0.00	0.25	0.25	0.38	0.00	0.38	0.42

Heavy Vehicle Rolling Hour Summary 4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 28th Ave			Southbound SE 28th Ave			Eastbound SE Washington St			Westbound SE Washington St			Interval Total
	In	Out	Total	L	R	Total	L	T	Total	T	R	Total	
4:00 PM			0	0	0	0	0	2	2	5	0	5	7
4:15 PM			0	0	0	0	0	2	2	4	0	4	6
4:30 PM			0	0	0	0	0	2	2	4	0	4	6
4:45 PM			0	0	0	0	0	1	1	2	0	2	3
5:00 PM			0	0	0	0	0	0	0	1	0	1	1

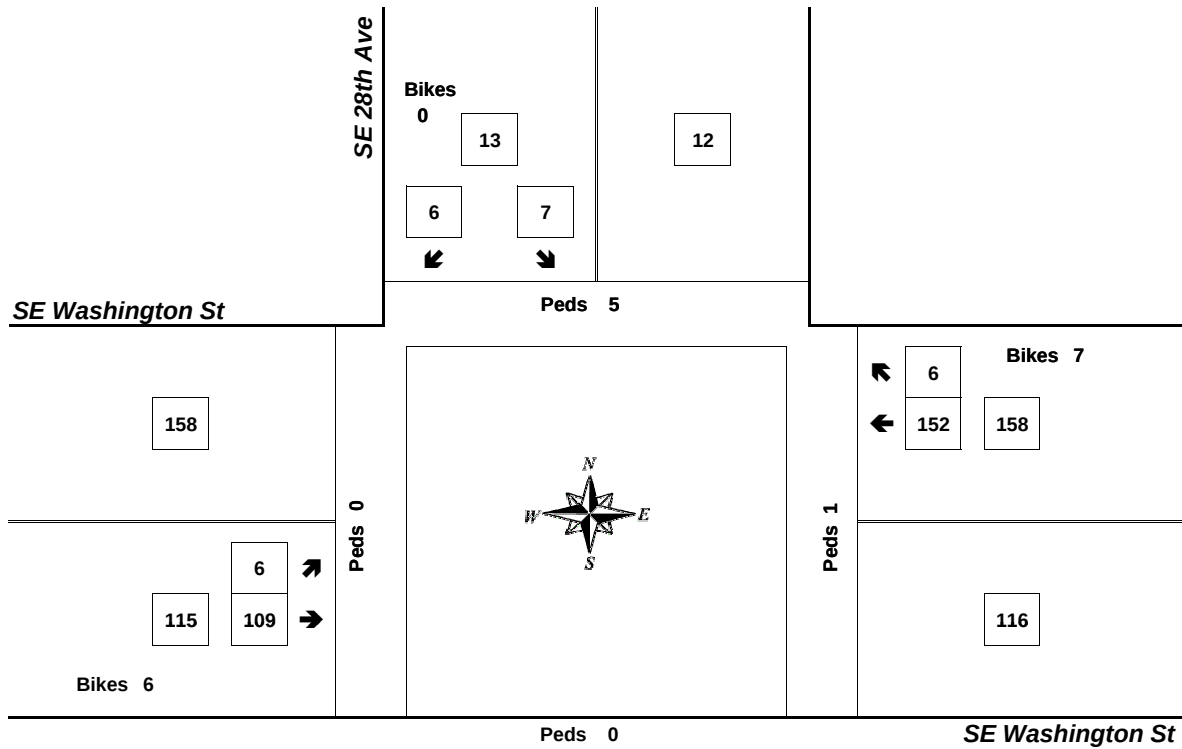
Peak Hour Summary



Clay Carney
(503) 833-2740

SE 28th Ave & SE Washington St

4:35 PM to 5:35 PM
Tuesday, July 25, 2017



Approach	PHF	HV%	Volume
EB	0.82	1.7%	115
WB	0.86	1.9%	158
NB	0.00	0.0%	0
SB	0.54	0.0%	13
Intersection	0.86	1.7%	286

Count Period: 4:00 PM to 6:00 PM

Total Vehicle Summary

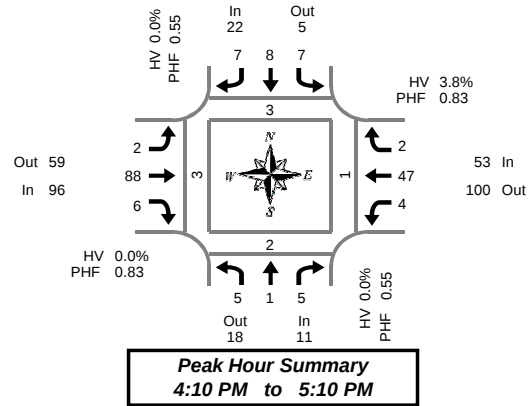


Clay Carney
(503) 833-2740

SE 29th Ave & SE Monroe St

Tuesday, July 25, 2017

4:00 PM to 6:00 PM



5-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 29th Ave				Southbound SE 29th Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	0	0	0	0	0	0	0	0	0	10	1	0	1	6	0	0	18	0	2	0	0
4:05 PM	0	0	0	0	1	0	0	0	0	4	0	0	1	3	0	0	9	0	0	1	0
4:10 PM	0	0	0	0	0	0	2	0	0	12	0	0	0	5	0	0	19	0	0	1	0
4:15 PM	0	0	2	0	1	0	0	0	0	5	0	0	0	5	0	0	13	1	0	0	0
4:20 PM	0	0	0	0	0	0	0	0	0	10	2	0	1	5	0	0	18	0	0	0	1
4:25 PM	0	0	0	0	1	1	1	0	0	5	2	0	0	2	0	0	12	0	0	0	0
4:30 PM	1	0	1	0	2	2	1	0	0	5	0	0	1	5	0	0	18	0	0	0	0
4:35 PM	0	0	2	0	1	1	0	0	0	7	0	0	0	6	1	0	18	0	0	0	0
4:40 PM	1	0	0	0	0	3	0	0	1	9	1	0	0	3	0	0	18	0	2	0	1
4:45 PM	0	0	0	1	0	0	1	1	0	3	0	0	0	3	1	0	8	1	0	0	0
4:50 PM	1	0	0	0	0	0	1	0	0	7	0	0	2	2	0	0	13	0	0	0	0
4:55 PM	0	0	0	0	0	1	0	0	1	6	0	1	0	6	0	0	14	1	0	0	1
5:00 PM	1	1	0	0	2	0	0	0	0	5	1	0	0	1	0	0	11	0	0	0	0
5:05 PM	1	0	0	0	0	0	1	0	0	14	0	0	0	4	0	0	20	0	0	0	0
5:10 PM	0	0	0	0	1	1	0	0	0	8	0	0	0	1	0	0	11	0	0	0	0
5:15 PM	0	0	0	0	1	1	1	0	0	9	0	0	1	0	0	0	13	0	2	0	0
5:20 PM	0	3	0	0	0	0	0	0	1	4	0	0	1	6	0	0	15	0	0	0	0
5:25 PM	0	1	0	0	1	1	0	0	0	8	0	0	0	7	0	0	18	0	0	0	0
5:30 PM	0	1	0	0	1	1	0	0	1	8	0	0	0	2	0	0	14	0	0	0	0
5:35 PM	1	2	0	0	0	0	2	0	0	10	0	0	0	4	0	0	19	0	0	0	0
5:40 PM	0	1	1	0	1	2	0	0	1	1	2	0	0	4	0	0	13	0	0	0	0
5:45 PM	0	0	0	0	0	0	1	0	0	8	0	0	0	6	0	0	15	0	0	1	0
5:50 PM	1	1	0	0	0	0	0	0	0	6	1	0	0	2	0	0	11	0	0	0	0
5:55 PM	0	0	0	0	0	0	0	0	1	8	0	1	0	9	0	0	18	0	0	0	0
Total Survey	7	10	6	1	13	14	11	1	6	172	10	2	8	97	2	0	356	3	6	3	3

15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 29th Ave				Southbound SE 29th Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	0	0	0	0	1	0	2	0	0	26	1	0	2	14	0	0	46	0	2	2	0
4:15 PM	0	0	2	0	2	1	1	0	0	20	4	0	1	12	0	0	43	1	0	0	1
4:30 PM	2	0	3	0	3	6	1	0	1	21	1	0	1	14	1	0	54	0	2	0	1
4:45 PM	1	0	0	1	0	1	2	1	1	16	0	1	2	11	1	0	35	2	0	0	1
5:00 PM	2	1	0	0	3	1	1	0	0	27	1	0	0	6	0	0	42	0	0	0	0
5:15 PM	0	4	0	0	2	2	1	0	1	21	0	0	2	13	0	0	46	0	2	0	0
5:30 PM	1	4	1	0	2	3	2	0	2	19	2	0	0	10	0	0	46	0	0	0	0
5:45 PM	1	1	0	0	0	0	1	0	1	22	1	1	0	17	0	0	44	0	0	1	0
Total Survey	7	10	6	1	13	14	11	1	6	172	10	2	8	97	2	0	356	3	6	3	3

Peak Hour Summary

4:10 PM to 5:10 PM

By Approach	Northbound SE 29th Ave				Southbound SE 29th Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	11	18	29	1	22	5	27	1	96	59	155	1	53	100	153	0	182	3	2	1	3
%HV	0.0%				0.0%				0.0%				3.8%				1.1%				
PHF	0.55				0.55				0.83				0.83				0.84				

By Movement	Northbound SE 29th Ave				Southbound SE 29th Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
Volume	5	1	5	11	7	8	7	22	2	88	6	96	4	47	2	53	182
%HV	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	4.3%	0.0%	3.8%	1.1%
PHF	0.63	0.25	0.42	0.55	0.44	0.33	0.88	0.55	0.50	0.81	0.38	0.83	0.50	0.78	0.25	0.83	0.84

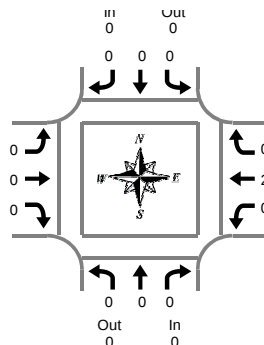
Rolling Hour Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 29th Ave				Southbound SE 29th Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	3	0	5	1	6	8	6	1	2	83	6	1	6	51	2	0	178	3	4	2	3
4:15 PM	5	1	5	1	8	9	5	1	2	84	6	1	4	43	2	0	174	3	2	0	3
4:30 PM	5	5	3	1	8	10	5	1	3	85	2	1	5	44	2	0	177	2	4	0	2
4:45 PM	4	9	1	1	7	7	6	1	4	83	3	1	4	40	1	0	169	2	2	0	1
5:00 PM	4	10	1	0	7	6	5	0	4	89	4	1	2	46	0	0	178	0	2	1	0

All Traffic Data
Services Inc.

Out 2
In 0



Tuesday, July 25, 2017

Peak Hour Summary
4:10 PM to 5:10 PM

4:00 PM to 6:00 PM

[illegible]

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 29th Ave				Southbound SE 29th Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Survey	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2

4:10 PM to 5:10 PM

By Approach	Northbound SE 29th Ave			Southbound SE 29th Ave			Eastbound SE Monroe St			Westbound SE Monroe St			Total	
	In	Out	Total	In	Out	Total	In	Out	Total	In	Out	Total		
Volume	0	0	0	0	0	0	0	2	2	2	2	0	2	2
PHF	0.00			0.00			0.00				0.50			0.50

By Movement	Northbound SE 29th Ave				Southbound SE 29th Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Total	
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total		
Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2
PHF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.50	0.50	

4:00 PM to 6:00 PM

[illegible]

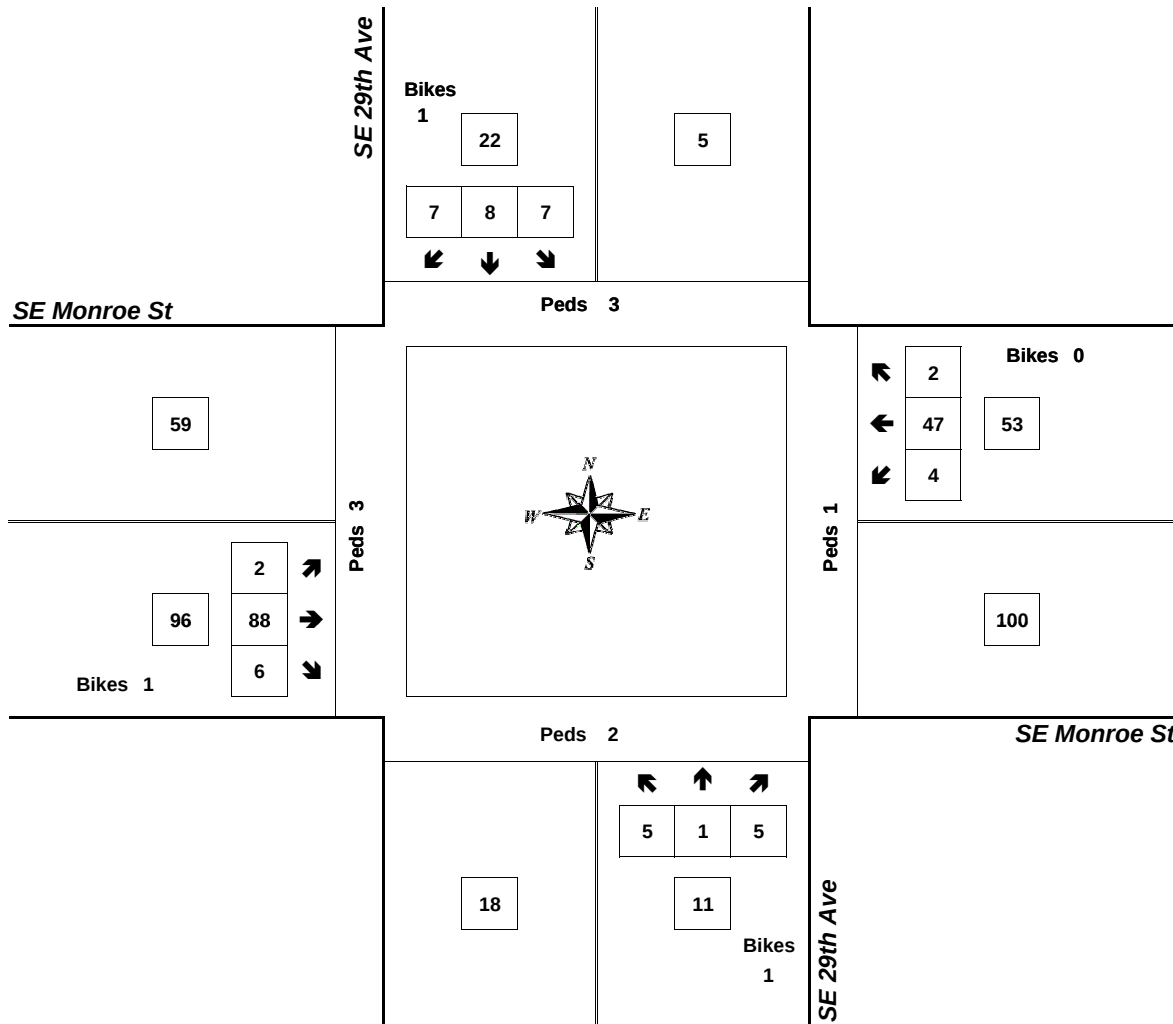
Peak Hour Summary



Clay Carney
(503) 833-2740

SE 29th Ave & SE Monroe St

4:10 PM to 5:10 PM
Tuesday, July 25, 2017



Approach	PHF	HV%	Volume
EB	0.83	0.0%	96
WB	0.83	3.8%	53
NB	0.55	0.0%	11
SB	0.55	0.0%	22
Intersection	0.84	1.1%	182

Count Period: 4:00 PM to 6:00 PM

Total Vehicle Summary

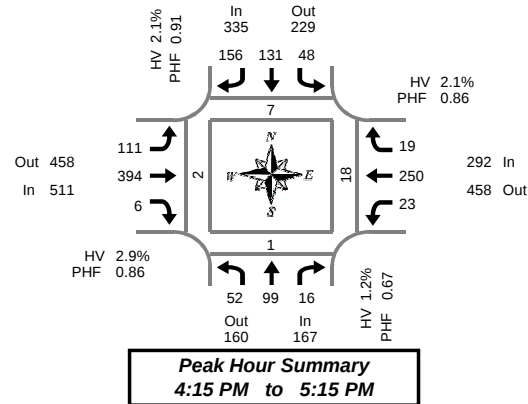


Clay Carney
(503) 833-2740

SE 32nd Ave & SE Harrison St

Tuesday, July 25, 2017

4:00 PM to 6:00 PM



5-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 32nd Ave				Southbound SE 32nd Ave				Eastbound SE Harrison St				Westbound SE Harrison St				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	2	13	3	0	3	8	11	0	10	45	0	0	4	18	1	0	118	2	1	2	0
4:05 PM	2	13	4	0	7	9	10	0	7	31	1	0	2	23	2	0	111	0	0	2	0
4:10 PM	5	10	1	0	2	5	12	0	11	25	3	0	0	21	3	0	98	0	0	0	3
4:15 PM	8	6	1	0	4	13	10	0	13	29	1	0	4	13	2	0	104	0	0	2	0
4:20 PM	3	12	0	1	6	10	12	0	3	31	0	0	2	16	0	0	95	0	0	2	0
4:25 PM	0	2	1	0	5	11	12	0	5	21	1	0	0	23	1	0	82	1	0	3	0
4:30 PM	7	9	2	0	6	14	16	0	13	32	0	0	0	17	2	0	118	1	0	1	0
4:35 PM	1	7	2	0	4	8	12	0	19	41	0	1	4	18	3	1	119	2	0	2	0
4:40 PM	5	3	2	3	5	15	10	0	9	29	0	0	3	18	0	0	99	0	0	2	0
4:45 PM	6	14	2	0	0	5	11	0	11	40	0	0	1	26	3	0	119	1	0	1	0
4:50 PM	5	8	3	1	3	5	18	0	6	25	1	0	0	28	3	0	105	0	0	1	0
4:55 PM	7	16	1	0	8	13	18	0	3	32	0	0	1	21	1	0	121	0	0	1	0
5:00 PM	5	6	1	0	3	11	10	0	15	35	0	0	3	25	3	0	117	2	0	0	1
5:05 PM	5	9	0	1	1	12	11	0	3	44	2	0	1	26	0	1	114	0	0	2	1
5:10 PM	0	7	1	0	3	14	16	0	11	35	1	0	4	19	1	0	112	0	1	1	0
5:15 PM	1	6	2	0	1	8	10	0	6	32	1	0	0	20	3	0	90	0	0	1	0
5:20 PM	4	9	0	0	6	9	15	1	6	26	0	1	3	20	1	0	99	1	1	1	0
5:25 PM	3	8	1	0	1	7	14	0	10	25	0	0	0	15	0	0	84	0	0	0	0
5:30 PM	4	11	1	0	4	6	10	0	5	19	1	0	3	19	1	0	84	0	0	1	0
5:35 PM	5	9	4	0	1	5	13	0	8	25	1	0	2	17	0	1	90	0	1	1	0
5:40 PM	5	10	0	0	2	4	10	0	14	42	0	0	2	22	2	0	113	2	0	1	0
5:45 PM	4	11	3	0	4	17	8	0	8	28	0	1	1	20	1	0	105	0	0	2	0
5:50 PM	2	6	1	0	3	6	6	0	10	31	0	0	2	23	0	0	90	0	0	0	0
5:55 PM	2	5	2	0	2	16	6	0	10	32	1	0	0	16	0	0	92	0	0	0	0
Total Survey	91	210	38	6	84	231	281	1	216	755	14	3	42	484	33	3	2,479	12	4	29	5

15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 32nd Ave				Southbound SE 32nd Ave				Eastbound SE Harrison St				Westbound SE Harrison St				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	9	36	8	0	12	22	33	0	28	101	4	0	6	62	6	0	327	2	1	4	3
4:15 PM	11	20	2	1	15	34	34	0	21	81	2	0	6	52	3	0	281	1	0	7	0
4:30 PM	13	19	6	3	15	37	38	0	41	102	0	1	7	53	5	1	336	3	0	5	0
4:45 PM	18	38	6	1	11	23	47	0	20	97	1	0	2	75	7	0	345	1	0	3	0
5:00 PM	10	22	2	1	7	37	37	0	29	114	3	0	8	70	4	1	343	2	1	3	2
5:15 PM	8	23	3	0	8	24	39	1	22	83	1	1	3	55	4	0	273	1	1	2	0
5:30 PM	14	30	5	0	7	15	33	0	27	86	2	0	7	58	3	1	287	2	1	3	0
5:45 PM	8	22	6	0	9	39	20	0	28	91	1	1	3	59	1	0	287	0	0	2	0
Total Survey	91	210	38	6	84	231	281	1	216	755	14	3	42	484	33	3	2,479	12	4	29	5

Peak Hour Summary

4:15 PM to 5:15 PM

By Approach	Northbound SE 32nd Ave				Southbound SE 32nd Ave				Eastbound SE Harrison St				Westbound SE Harrison St				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	167	160	327	6	335	229	564	0	511	458	969	1	292	458	750	2	1,305	7	1	18	2
%HV	1.2%				2.1%				2.9%				2.1%				2.3%				
PHF	0.67				0.91				0.86				0.86				0.93				

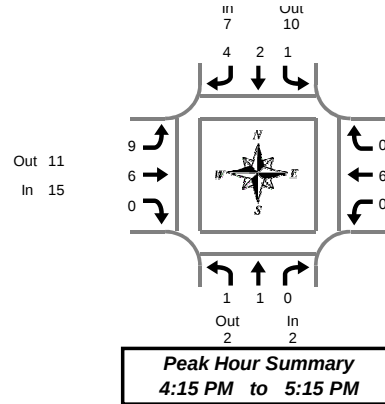
By Movement	Northbound SE 32nd Ave				Southbound SE 32nd Ave				Eastbound SE Harrison St				Westbound SE Harrison St				Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
Volume	52	99	16	167	48	131	156	335	111	394	6	511	23	250	19	292	1,305
%HV	1.9%	1.0%	0.0%	1.2%	2.1%	1.5%	2.6%	2.1%	8.1%	1.5%	0.0%	2.9%	0.0%	2.4%	0.0%	2.1%	2.3%
PHF	0.72	0.65	0.57	0.67	0.71	0.89	0.83	0.91	0.68	0.86	0.50	0.86	0.72	0.83	0.68	0.86	0.93

Rolling Hour Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 32nd Ave				Southbound SE 32nd Ave				Eastbound SE Harrison St				Westbound SE Harrison St				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	51	113	22	5	53	116	152	0	110	381	7	1	21	242	21	1	1,289	7	1	19	3
4:15 PM	52	99	16	6	48	131	156	0	111	394	6	1	23	250	19	2	1,305	7	1	18	2
4:30 PM	49	102	17	5	41	121	161	1	112	396	5	2	20	253	20	2	1,297	7	2	13	2
4:45 PM	50	113	16	2	33	99	156	1	98	380	7	1	20	258	18	2	1,248	6	3	11	2
5:00 PM	40	97	16	1	31	115	129	1	106	374	7	2	21	242	12	2	1,190	5	3	10	2

Heavy Vehicle Summary



SE 32nd Ave & SE Harrison St

Tuesday, July 25, 2017

4:00 PM to 6:00 PM

Heavy Vehicle 5-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 32nd Ave				Southbound SE 32nd Ave				Eastbound SE Harrison St				Westbound SE Harrison St				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	0	0	0	0	0	0	1	1	1	1	0	2	0	1	0	1	4
4:05 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:10 PM	0	1	0	1	0	0	1	1	0	0	0	0	0	1	0	1	3
4:15 PM	0	0	0	0	1	1	0	2	1	1	0	2	0	0	0	0	4
4:20 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
4:25 PM	0	0	0	0	0	0	0	0	1	1	0	2	0	1	0	1	3
4:30 PM	0	0	0	0	0	0	1	1	3	0	0	3	0	1	0	1	5
4:35 PM	0	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0	2
4:40 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	2	1	0	3	0	0	0	0	3
4:50 PM	0	0	0	0	0	0	1	1	0	1	0	1	0	1	0	1	3
4:55 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
5:00 PM	0	0	0	0	0	0	0	0	1	1	0	2	0	1	0	1	3
5:05 PM	1	0	0	1	0	1	0	1	0	1	0	1	0	0	0	0	3
5:10 PM	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	1	2
5:15 PM	0	0	0	0	0	0	1	1	1	1	0	2	0	2	0	2	5
5:20 PM	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	2
5:25 PM	0	0	0	0	0	0	1	1	1	1	0	2	0	1	0	1	4
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:35 PM	1	0	0	1	0	0	2	2	1	0	0	1	0	1	0	1	5
5:40 PM	0	0	0	0	0	0	1	1	0	1	0	1	0	0	0	0	2
5:45 PM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	2
5:50 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
5:55 PM	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1
Total Survey	2	2	0	4	1	2	14	17	15	10	0	25	0	13	0	13	59

Heavy Vehicle 15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 32nd Ave				Southbound SE 32nd Ave				Eastbound SE Harrison St				Westbound SE Harrison St				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	0	1	0	1	0	0	2	2	1	1	0	2	0	2	0	2	7
4:15 PM	0	0	0	0	1	1	0	2	2	2	0	4	0	2	0	2	8
4:30 PM	0	0	0	0	0	0	2	2	4	0	0	4	0	1	0	1	7
4:45 PM	0	1	0	1	0	0	1	1	2	2	0	4	0	1	0	1	7
5:00 PM	1	0	0	1	0	1	1	2	1	2	0	3	0	2	0	2	8
5:15 PM	0	0	0	0	0	0	4	4	2	2	0	4	0	3	0	3	11
5:30 PM	1	0	0	1	0	0	3	3	1	1	0	2	0	1	0	1	7
5:45 PM	0	0	0	0	0	0	1	1	2	0	0	2	0	1	0	1	4
Total Survey	2	2	0	4	1	2	14	17	15	10	0	25	0	13	0	13	59

Heavy Vehicle Peak Hour Summary

4:15 PM to 5:15 PM

By Approach	Northbound SE 32nd Ave			Southbound SE 32nd Ave			Eastbound SE Harrison St			Westbound SE Harrison St			Total
	In	Out	Total	In	Out	Total	In	Out	Total	In	Out	Total	
Volume	2	2	4	7	10	17	15	11	26	6	7	13	30
PHF	0.25			0.88			0.63			0.50			0.75

By Movement	Northbound SE 32nd Ave			Southbound SE 32nd Ave			Eastbound SE Harrison St			Westbound SE Harrison St			Total
	L	T	R	L	T	R	L	T	R	L	T	R	
Volume	1	1	0	2	1	2	4	7	9	6	0	15	30
PHF	0.25	0.25	0.00	0.25	0.25	0.50	0.50	0.88	0.45	0.75	0.00	0.63	0.75

Heavy Vehicle Rolling Hour Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 32nd Ave				Southbound SE 32nd Ave				Eastbound SE Harrison St				Westbound SE Harrison St				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	0	2	0	2	1	1	5	7	9	5	0	14	0	6	0	6	29
4:15 PM	1	1	0	2	1	2	4	7	9	6	0	15	0	6	0	6	30
4:30 PM	1	1	0	2	0	1	8	9	9	6	0	15	0	7	0	7	33
4:45 PM	2	1	0	3	0	1	9	10	6	7	0	13	0	7	0	7	33
5:00 PM	2	0	0	2	0	1	9	10	6	5	0	11	0	7	0	7	30

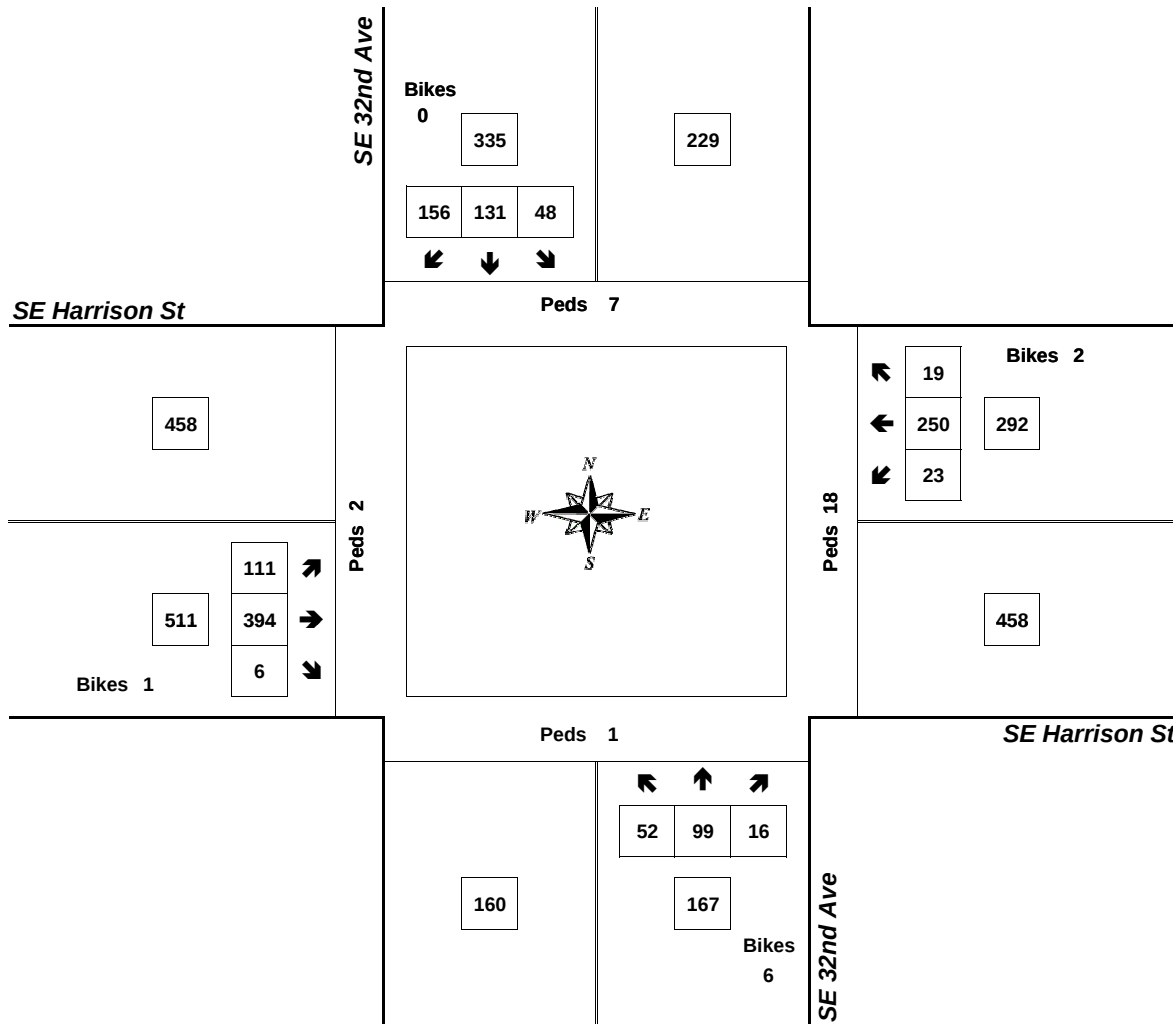
Peak Hour Summary



Clay Carney
(503) 833-2740

SE 32nd Ave & SE Harrison St

4:15 PM to 5:15 PM
Tuesday, July 25, 2017



Approach	PHF	HV%	Volume
EB	0.86	2.9%	511
WB	0.86	2.1%	292
NB	0.67	1.2%	167
SB	0.91	2.1%	335
Intersection	0.93	2.3%	1,305

Count Period: 4:00 PM to 6:00 PM

Total Vehicle Summary

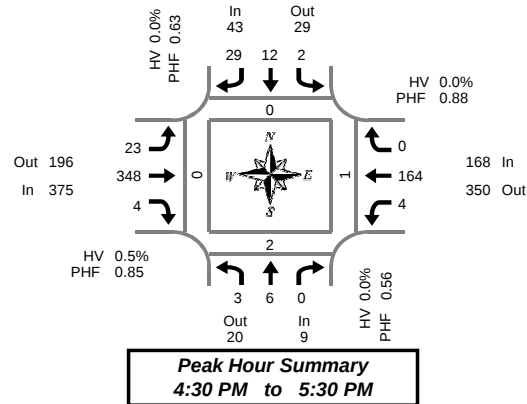


Clay Carney
(503) 833-2740

SE 40th Ave & SE Monroe St

Tuesday, July 25, 2017

4:00 PM to 6:00 PM



5-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 40th Ave				Southbound SE 40th Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	0	2	0	0	1	2	3	0	3	25	0	0	2	7	1	0	46	0	0	0	0
4:05 PM	0	0	0	0	0	1	1	0	3	29	0	0	1	13	1	0	49	0	0	1	0
4:10 PM	0	4	0	0	0	0	2	0	0	32	0	0	0	7	0	0	45	0	0	0	0
4:15 PM	0	2	0	0	0	3	1	0	1	22	0	0	0	15	0	0	44	0	0	0	0
4:20 PM	0	1	0	1	0	1	1	0	3	30	1	0	0	7	0	0	44	0	0	0	0
4:25 PM	0	0	1	0	0	1	4	0	0	20	0	1	0	8	0	0	34	0	0	0	0
4:30 PM	0	1	0	0	0	0	2	0	1	37	0	0	0	13	0	0	54	0	0	0	0
4:35 PM	0	0	0	0	0	2	2	1	3	40	0	0	2	20	0	0	69	0	0	0	0
4:40 PM	1	1	0	0	1	1	2	0	4	25	0	0	0	13	0	0	48	0	0	0	0
4:45 PM	0	0	0	0	0	1	2	1	2	26	1	0	0	9	0	0	41	0	1	1	0
4:50 PM	0	1	0	0	0	1	7	0	1	23	1	0	0	18	0	0	52	0	0	0	0
4:55 PM	0	0	0	0	1	2	0	2	2	27	0	0	0	13	0	0	45	0	0	0	0
5:00 PM	0	0	0	0	0	2	4	0	1	28	0	0	0	11	0	0	46	0	0	0	0
5:05 PM	1	0	0	0	0	1	2	0	1	36	0	0	0	10	0	0	51	0	0	0	0
5:10 PM	0	2	0	0	0	0	2	0	3	32	0	0	0	16	0	1	55	0	0	0	0
5:15 PM	0	0	0	0	0	1	3	0	3	22	0	0	0	16	0	0	45	0	0	0	0
5:20 PM	1	1	0	0	0	1	1	0	1	30	1	0	2	13	0	0	51	0	0	0	0
5:25 PM	0	0	0	0	0	0	2	0	1	22	1	0	0	12	0	0	38	0	1	0	0
5:30 PM	0	0	0	1	1	1	3	0	2	19	0	0	0	13	0	0	39	1	0	0	0
5:35 PM	0	2	0	0	0	0	5	0	1	23	0	0	0	14	1	0	46	0	0	0	0
5:40 PM	0	0	1	0	0	0	1	1	1	23	2	0	0	13	1	0	43	0	0	0	0
5:45 PM	0	1	0	0	0	1	1	0	2	19	0	0	0	7	0	0	31	0	0	0	0
5:50 PM	0	1	0	0	0	1	2	0	2	16	1	0	1	16	0	0	40	0	1	0	0
5:55 PM	0	0	0	0	0	4	2	0	1	18	1	1	0	10	0	0	36	0	0	0	0
Total Survey	3	19	2	2	4	28	55	4	42	624	9	2	8	294	4	1	1,092	1	3	2	0

15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 40th Ave				Southbound SE 40th Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	0	6	0	0	1	3	6	0	6	86	0	0	3	27	2	0	140	0	0	1	0
4:15 PM	0	3	1	1	0	5	6	0	4	72	1	1	0	30	0	0	122	0	0	0	0
4:30 PM	1	2	0	0	1	3	6	1	8	102	0	0	2	46	0	0	171	0	0	0	0
4:45 PM	0	1	0	0	1	4	9	3	5	76	2	0	0	40	0	0	138	0	1	1	0
5:00 PM	1	2	0	0	0	3	8	0	5	96	0	0	0	37	0	1	152	0	0	0	0
5:15 PM	1	1	0	0	0	2	6	0	5	74	2	0	2	41	0	0	134	0	1	0	0
5:30 PM	0	2	1	1	1	2	9	0	4	65	2	0	0	40	2	0	128	1	0	0	0
5:45 PM	0	2	0	0	0	6	5	0	5	53	2	1	1	33	0	0	107	0	1	0	0
Total Survey	3	19	2	2	4	28	55	4	42	624	9	2	8	294	4	1	1,092	1	3	2	0

Peak Hour Summary

4:30 PM to 5:30 PM

By Approach	Northbound SE 40th Ave				Southbound SE 40th Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	9	20	29	0	43	29	72	4	375	196	571	0	168	350	518	1	595	0	2	1	0
%HV	0.0%				0.0%				0.5%				0.0%				0.3%				
PHF	0.56				0.63				0.85				0.88				0.87				

By Movement	Northbound SE 40th Ave				Southbound SE 40th Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
Volume	3	6	0	9	2	12	29	43	23	348	4	375	4	164	0	168	595
%HV	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.3%
PHF	0.75	0.50	0.00	0.56	0.50	0.60	0.66	0.63	0.64	0.85	0.50	0.85	0.50	0.89	0.00	0.88	0.87

Rolling Hour Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 40th Ave				Southbound SE 40th Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	1	12	1	1	3	15	27	4	23	336	3	1	5	143	2	0	571	0	1	2	0
4:15 PM	2	8	1	1	2	15	29	4	22	346	3	1	2	153	0	1	583	0	1	1	0
4:30 PM	3	6	0	0	2	12	29	4	23	348	4	0	4	164	0	1	595	0	2	1	0
4:45 PM	2	6	1	1	2	11	32	3	19	311	6	0	2	158	2	1	552	1	2	1	0
5:00 PM	2	7	1	1	1	13	28	0	19	288	6	1	3	151	2	1	521	1	2	0	0

Heavy Vehicle Summary

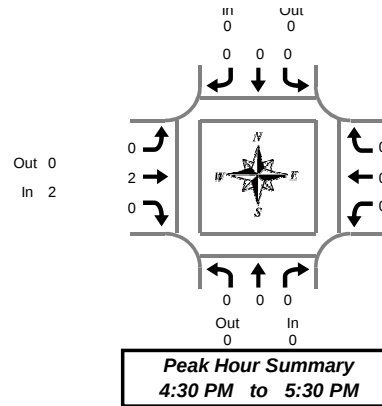


Clay Carney
(503) 833-2740

SE 40th Ave & SE Monroe St

Tuesday, July 25, 2017

4:00 PM to 6:00 PM



Heavy Vehicle 5-Minute Interval Summary 4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 40th Ave				Southbound SE 40th Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
4:05 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2
4:10 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:20 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:25 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
4:35 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:40 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:50 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:55 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:05 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:10 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:20 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
5:25 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:35 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:40 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:50 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:55 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Survey	0	0	0	0	0	0	0	0	0	3	0	3	0	2	0	2	5

Heavy Vehicle 15-Minute Interval Summary 4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 40th Ave				Southbound SE 40th Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	2	0	2	3
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Survey	0	0	0	0	0	0	0	0	0	3	0	3	0	2	0	2	5

Heavy Vehicle Peak Hour Summary 4:30 PM to 5:30 PM

By Approach	Northbound SE 40th Ave			Southbound SE 40th Ave			Eastbound SE Monroe St			Westbound SE Monroe St			Total
	In	Out	Total	In	Out	Total	In	Out	Total	In	Out	Total	
Volume	0	0	0	0	0	0	2	0	2	0	2	2	2
PHF	0.00			0.00			0.50			0.00			0.50

By Movement	Northbound SE 40th Ave				Southbound SE 40th Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
Volume	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	2
PHF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.50	0.00	0.00	0.00	0.00	0.50

Heavy Vehicle Rolling Hour Summary 4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 40th Ave				Southbound SE 40th Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	0	0	0	0	0	0	0	0	0	2	0	2	0	2	0	2	4
4:15 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
4:30 PM	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	2
4:45 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
5:00 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1

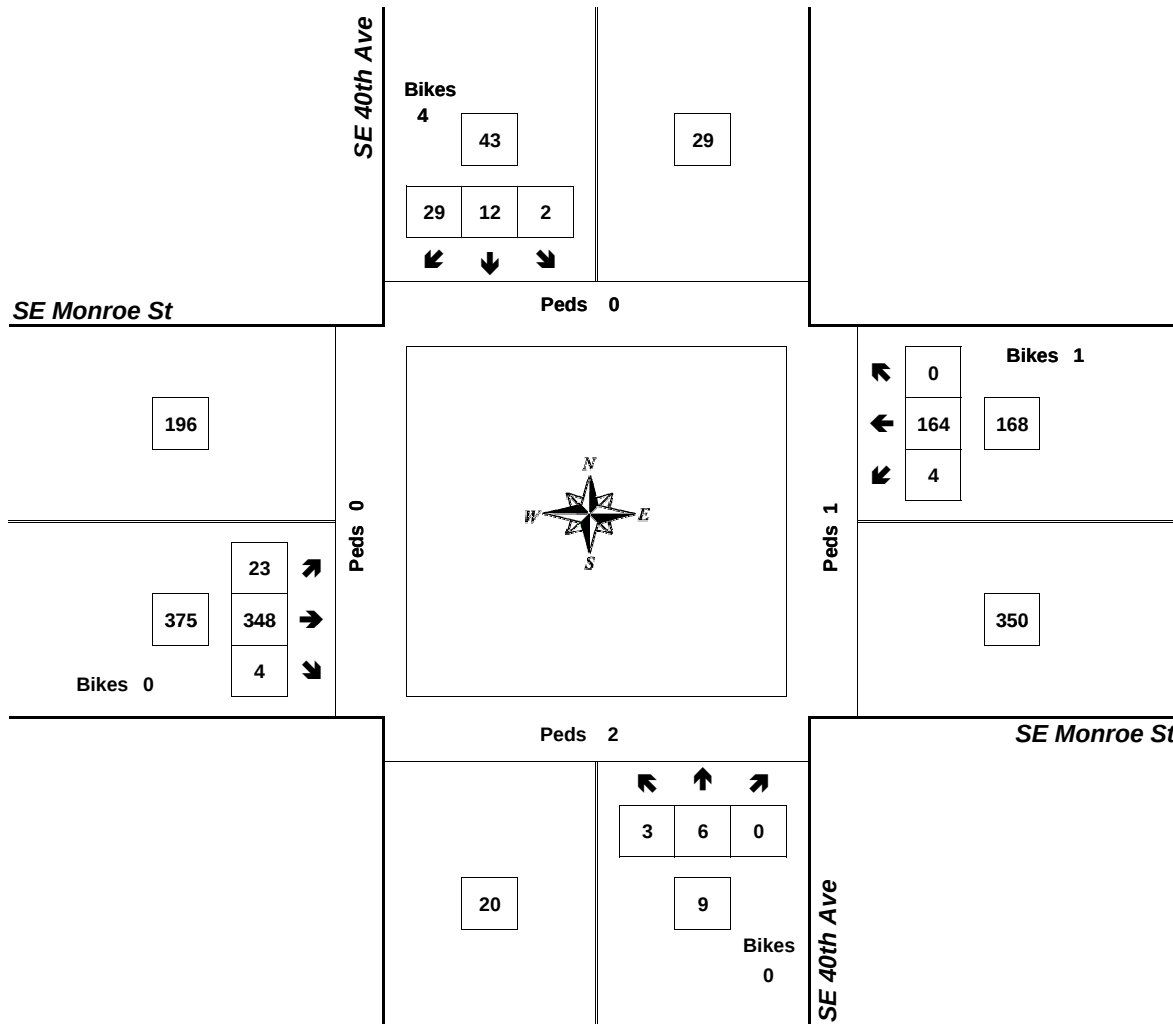
Peak Hour Summary



Clay Carney
(503) 833-2740

SE 40th Ave & SE Monroe St

4:30 PM to 5:30 PM
Tuesday, July 25, 2017



Approach	PHF	HV%	Volume
EB	0.85	0.5%	375
WB	0.88	0.0%	168
NB	0.56	0.0%	9
SB	0.63	0.0%	43
Intersection	0.87	0.3%	595

Count Period: 4:00 PM to 6:00 PM

Total Vehicle Summary

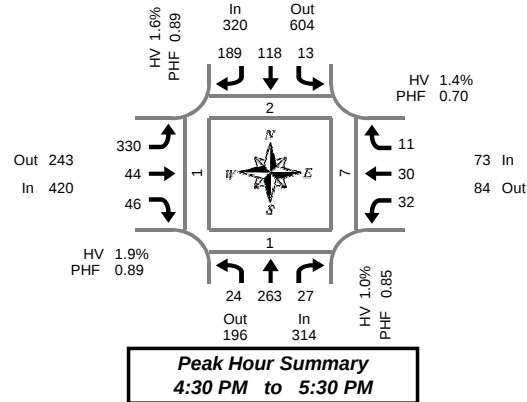


Clay Carney
(503) 833-2740

SE 42nd Ave & SE Harrison St

Tuesday, July 25, 2017

4:00 PM to 6:00 PM



5-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 42nd Ave				Southbound SE 42nd Ave				Eastbound SE Harrison St				Westbound SE Harrison St				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	0	22	2	0	0	7	12	0	26	6	8	0	0	3	1	0	87	0	0	1	1
4:05 PM	2	19	3	0	0	10	18	0	31	2	3	0	1	3	0	0	92	0	0	1	0
4:10 PM	3	24	0	0	2	4	12	0	25	1	6	0	2	4	2	0	85	0	0	0	0
4:15 PM	1	19	3	0	0	4	15	0	20	3	6	0	0	2	1	0	74	0	2	1	0
4:20 PM	2	20	2	0	1	7	17	0	30	3	5	0	2	3	0	0	92	0	0	0	0
4:25 PM	2	10	1	0	3	9	13	0	13	3	3	0	2	4	0	0	63	2	1	0	0
4:30 PM	1	37	2	0	0	8	17	0	30	3	5	0	1	0	1	1	105	0	1	1	0
4:35 PM	2	26	3	0	0	15	19	0	30	2	7	0	1	1	3	0	109	0	0	0	0
4:40 PM	2	18	1	0	0	13	12	0	26	4	3	0	1	3	1	0	84	0	0	0	0
4:45 PM	3	25	1	0	0	5	5	0	27	4	3	0	5	1	0	0	79	0	0	0	0
4:50 PM	2	19	2	0	1	13	24	0	29	4	0	1	1	1	1	0	97	0	0	0	0
4:55 PM	1	22	3	0	0	9	14	0	22	7	4	0	4	5	0	0	91	0	0	0	0
5:00 PM	2	18	0	0	0	7	22	1	33	6	4	0	2	6	1	0	101	0	0	0	0
5:05 PM	3	21	2	0	2	8	12	0	29	1	4	0	5	2	1	0	90	0	0	3	0
5:10 PM	0	24	1	0	3	13	16	0	34	2	5	0	2	6	0	0	106	0	0	3	0
5:15 PM	3	20	6	0	3	8	14	0	29	2	0	0	5	2	0	0	92	1	0	0	1
5:20 PM	4	19	4	0	1	10	16	0	28	5	6	0	2	2	1	0	98	0	0	0	0
5:25 PM	1	14	2	0	3	9	18	0	13	4	5	0	3	1	2	0	75	1	0	0	0
5:30 PM	1	13	3	0	2	12	19	0	20	2	3	0	5	4	0	0	84	0	1	2	0
5:35 PM	3	16	0	0	1	9	11	0	20	2	3	0	1	1	0	0	67	0	0	0	0
5:40 PM	3	25	0	0	1	11	19	0	24	6	2	1	1	3	0	0	95	0	0	0	0
5:45 PM	1	20	1	0	0	10	16	1	24	1	7	0	1	4	3	0	88	1	0	0	0
5:50 PM	1	10	0	0	2	11	16	0	20	4	4	1	3	1	0	0	72	2	0	2	0
5:55 PM	1	14	1	1	1	9	14	0	20	3	4	0	1	1	0	0	69	0	0	0	0
Total Survey	44	475	43	1	26	221	371	2	603	80	100	3	51	63	18	1	2,095	7	5	14	2

15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 42nd Ave				Southbound SE 42nd Ave				Eastbound SE Harrison St				Westbound SE Harrison St				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	5	65	5	0	2	21	42	0	82	9	17	0	3	10	3	0	264	0	0	2	1
4:15 PM	5	49	6	0	4	20	45	0	63	9	14	0	4	9	1	0	229	2	3	1	0
4:30 PM	5	81	6	0	0	36	48	0	86	9	15	0	3	4	5	1	298	0	1	1	0
4:45 PM	6	66	6	0	1	27	43	0	78	15	7	1	10	7	1	0	267	0	0	0	0
5:00 PM	5	63	3	0	5	28	50	1	96	9	13	0	9	14	2	0	297	0	0	6	0
5:15 PM	8	53	12	0	7	27	48	0	70	11	11	0	10	5	3	0	265	2	0	0	1
5:30 PM	7	54	3	0	4	32	49	0	64	10	8	1	7	8	0	0	246	0	1	2	0
5:45 PM	3	44	2	1	3	30	46	1	64	8	15	1	5	6	3	0	229	3	0	2	0
Total Survey	44	475	43	1	26	221	371	2	603	80	100	3	51	63	18	1	2,095	7	5	14	2

Peak Hour Summary

4:30 PM to 5:30 PM

By Approach	Northbound SE 42nd Ave				Southbound SE 42nd Ave				Eastbound SE Harrison St				Westbound SE Harrison St				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	314	196	510	0	320	604	924	1	420	243	663	1	73	84	157	1	1,127	2	1	7	1
%HV	1.0%				1.6%				1.9%				1.4%				1.5%				
PHF	0.85				0.89				0.89				0.70				0.95				

By Movement	Northbound SE 42nd Ave				Southbound SE 42nd Ave				Eastbound SE Harrison St				Westbound SE Harrison St				Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
Volume	24	263	27	314	13	118	189	320	330	44	46	420	32	30	11	73	1,127
%HV	0.0%	1.1%	0.0%	1.0%	0.0%	0.0%	2.6%	1.6%	2.4%	0.0%	0.0%	1.9%	0.0%	3.3%	0.0%	1.4%	1.5%
PHF	0.75	0.81	0.56	0.85	0.41	0.82	0.79	0.89	0.86	0.65	0.77	0.89	0.67	0.54	0.55	0.70	0.95

Rolling Hour Summary

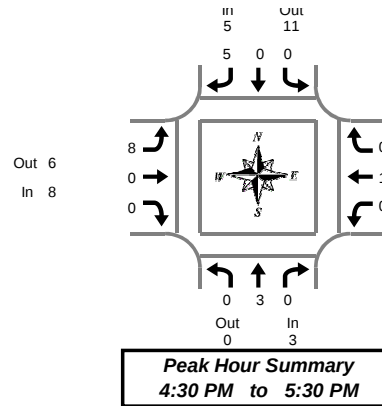
4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 42nd Ave				Southbound SE 42nd Ave				Eastbound SE Harrison St				Westbound SE Harrison St				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	21	261	23	0	7	104	178	0	309	42	53	1	20	30	10	1	1,058	2	4	4	1
4:15 PM	21	259	21	0	10	111	186	1	323	42	49	1	26	34	9	1	1,091	2	4	8	0
4:30 PM	24	263	27	0	13	118	189	1	330	44	46	1	32	30	11	1	1,127	2	1	7	1
4:45 PM	26	236	24	0	17	114	190	1	308	45	39	2	36	34	6	0	1,075	2	1	8	1
5:00 PM	23	214	20	1	19	117	193	2	294	38	47	2	31	33	8	0	1,037	5	1	10	1

Heavy Vehicle Summary



Clay Carney
(503) 833-2740



SE 42nd Ave & SE Harrison St

Tuesday, July 25, 2017

4:00 PM to 6:00 PM

Heavy Vehicle 5-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 42nd Ave				Southbound SE 42nd Ave				Eastbound SE Harrison St				Westbound SE Harrison St				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	0	0	1	1	0	0	1	1	1	0	0	1	0	0	0	0	3
4:05 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
4:10 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	2
4:20 PM	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1
4:25 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	1	0	1	0	0	1	1	1	0	0	1	0	0	0	0	3
4:35 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:40 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	2
4:50 PM	0	1	0	1	0	0	1	1	2	0	0	2	0	0	0	0	4
4:55 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0	2
5:05 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:10 PM	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	1	2
5:15 PM	0	0	0	0	0	0	1	1	2	0	0	2	0	0	0	0	3
5:20 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
5:25 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0	2
5:35 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:40 PM	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1
5:50 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:55 PM	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1
Total Survey	0	3	1	4	1	0	9	10	13	0	0	13	1	1	0	2	29

Heavy Vehicle 15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 42nd Ave				Southbound SE 42nd Ave				Eastbound SE Harrison St				Westbound SE Harrison St				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	0	0	1	1	0	0	1	1	1	0	0	1	1	0	0	1	4
4:15 PM	0	0	0	0	0	0	1	1	2	0	0	2	0	0	0	0	3
4:30 PM	0	1	0	1	0	0	1	1	1	0	0	1	0	0	0	0	3
4:45 PM	0	1	0	1	0	0	1	1	4	0	0	4	0	0	0	0	6
5:00 PM	0	0	0	0	0	0	2	2	1	0	0	1	0	1	0	1	4
5:15 PM	0	1	0	1	0	0	1	1	2	0	0	2	0	0	0	0	4
5:30 PM	0	0	0	0	0	0	1	1	2	0	0	2	0	0	0	0	3
5:45 PM	0	0	0	0	1	0	1	2	0	0	0	0	0	0	0	0	2
Total Survey	0	3	1	4	1	0	9	10	13	0	0	13	1	1	0	2	29

Heavy Vehicle Peak Hour Summary

4:30 PM to 5:30 PM

By Approach	Northbound SE 42nd Ave			Southbound SE 42nd Ave			Eastbound SE Harrison St			Westbound SE Harrison St			Total
	In	Out	Total	In	Out	Total	In	Out	Total	In	Out	Total	
Volume	3	0	3	5	11	16	8	6	14	1	0	1	17
PHF	0.75			0.63			0.50			0.25			0.71

By Movement	Northbound SE 42nd Ave				Southbound SE 42nd Ave				Eastbound SE Harrison St				Westbound SE Harrison St				Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
Volume	0	3	0	3	0	0	5	5	8	0	0	8	0	1	0	1	17
PHF	0.00	0.75	0.00	0.75	0.00	0.00	0.63	0.63	0.50	0.00	0.00	0.50	0.00	0.25	0.00	0.25	0.71

Heavy Vehicle Rolling Hour Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 42nd Ave				Southbound SE 42nd Ave				Eastbound SE Harrison St				Westbound SE Harrison St				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	0	2	1	3	0	0	4	4	8	0	0	8	1	0	0	1	16
4:15 PM	0	2	0	2	0	0	5	5	8	0	0	8	0	1	0	1	16
4:30 PM	0	3	0	3	0	0	5	5	8	0	0	8	0	1	0	1	17
4:45 PM	0	2	0	2	0	0	5	5	9	0	0	9	0	1	0	1	17
5:00 PM	0	1	0	1	1	0	5	6	5	0	0	5	0	1	0	1	13

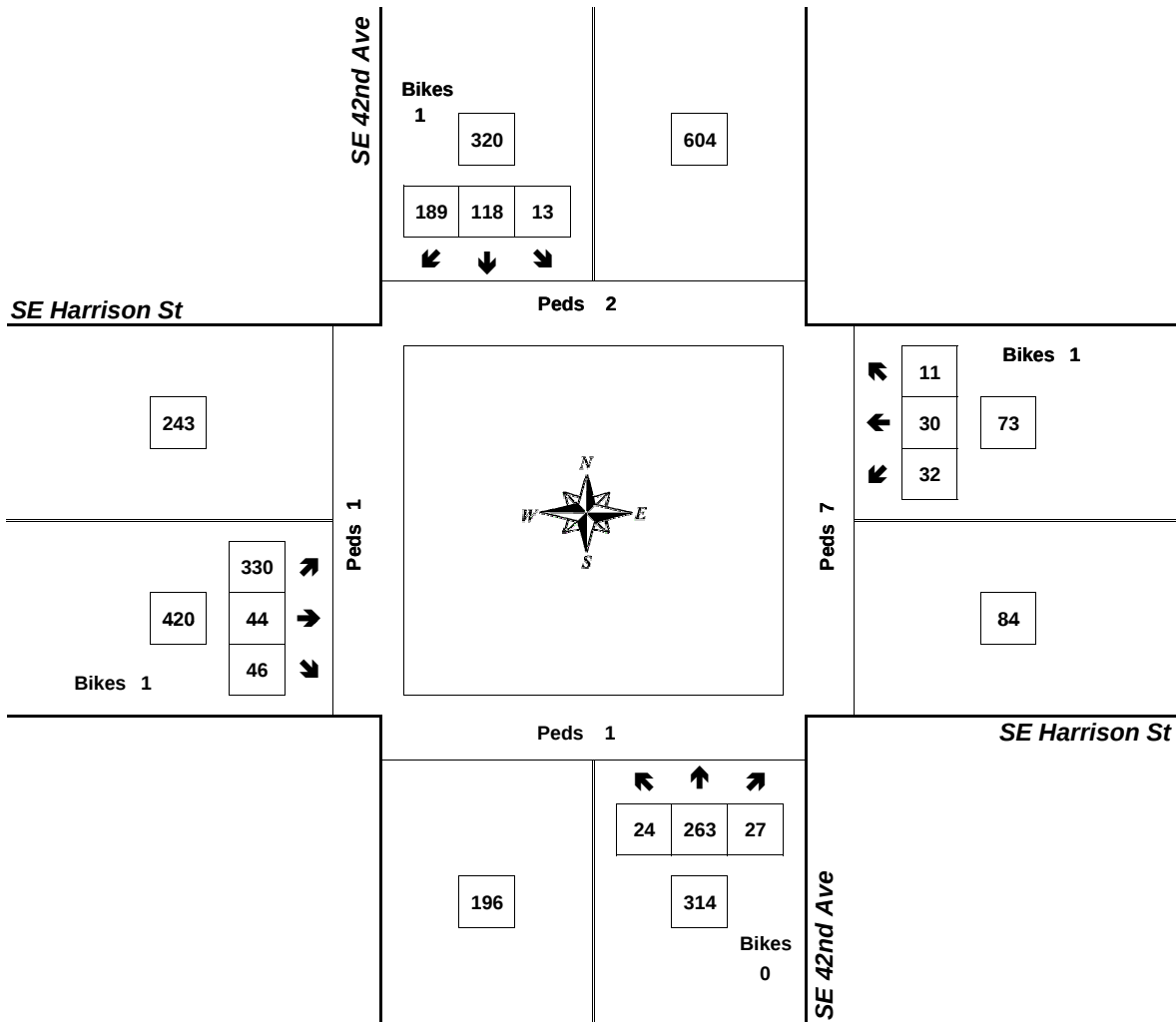
Peak Hour Summary



Clay Carney
(503) 833-2740

SE 42nd Ave & SE Harrison St

4:30 PM to 5:30 PM
Tuesday, July 25, 2017



Approach	PHF	HV%	Volume
EB	0.89	1.9%	420
WB	0.70	1.4%	73
NB	0.85	1.0%	314
SB	0.89	1.6%	320
Intersection	0.95	1.5%	1,127

Count Period: 4:00 PM to 6:00 PM

Total Vehicle Summary



Clay Carney
(503) 833-2740

SE 66th Ave & SE King Rd

Tuesday, July 25, 2017

4:00 PM to 6:00 PM

5-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 66th Ave				Southbound SE 66th Ave				Eastbound SE King Rd				Westbound SE King Rd				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	0	0	0	1	0	0	0	0	0	43	2	0	1	31	0	0	77	0	0	0	0
4:05 PM	0	0	0	0	0	0	1	0	1	57	0	0	1	25	1	1	86	2	0	0	0
4:10 PM	0	0	2	1	0	0	1	1	3	52	2	0	2	35	1	0	98	0	0	0	0
4:15 PM	0	0	0	0	1	0	2	0	2	57	1	0	2	32	4	0	101	1	0	0	0
4:20 PM	0	0	3	0	1	0	1	0	0	37	2	1	2	29	1	0	76	0	0	0	0
4:25 PM	0	0	1	0	0	0	2	0	1	41	3	0	3	29	0	0	80	1	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	2	37	0	0	0	43	0	1	82	0	0	0	0
4:35 PM	0	0	3	0	0	0	1	0	1	66	0	0	2	36	0	0	109	4	0	0	3
4:40 PM	2	0	0	0	1	0	1	0	1	57	2	0	3	49	4	0	120	0	0	0	0
4:45 PM	2	0	2	0	0	0	0	0	0	40	0	0	0	32	1	1	77	0	0	0	0
4:50 PM	0	0	3	0	0	0	0	0	1	48	1	0	0	38	1	0	92	1	0	0	0
4:55 PM	0	0	1	0	0	0	0	0	0	33	2	0	2	33	0	1	71	1	0	0	0
5:00 PM	2	0	6	0	2	1	1	0	2	51	0	0	2	27	1	0	95	0	0	0	0
5:05 PM	0	0	0	0	0	2	1	0	0	45	0	0	1	41	0	1	90	1	1	0	0
5:10 PM	1	0	3	0	0	0	1	0	2	55	1	0	2	38	1	0	104	1	0	0	0
5:15 PM	1	0	3	0	1	0	0	0	0	57	1	1	4	34	0	0	101	0	0	0	0
5:20 PM	0	0	1	0	0	0	0	0	0	51	0	0	2	44	0	0	98	0	1	0	0
5:25 PM	0	0	1	0	0	0	0	0	1	40	2	0	0	47	1	0	92	0	0	0	0
5:30 PM	0	0	1	0	0	0	0	0	2	35	2	0	0	31	1	0	72	0	0	0	1
5:35 PM	0	0	0	0	0	0	0	0	1	45	2	0	1	36	2	0	87	0	0	0	0
5:40 PM	0	0	2	0	0	0	1	0	0	36	0	1	3	37	0	0	79	0	1	0	0
5:45 PM	0	0	0	0	0	0	1	0	2	62	0	0	1	43	1	0	110	2	0	0	0
5:50 PM	0	0	0	0	1	0	0	0	2	35	0	0	1	43	1	1	83	0	0	0	0
5:55 PM	1	0	0	0	1	0	0	0	1	34	1	0	0	36	1	0	75	3	0	0	0
Total Survey	9	0	32	2	8	3	14	1	25	1,114	24	3	35	869	22	6	2,155	17	3	0	4

15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 66th Ave				Southbound SE 66th Ave				Eastbound SE King Rd				Westbound SE King Rd				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	0	0	2	2	0	0	2	1	4	152	4	0	4	91	2	1	261	2	0	0	0
4:15 PM	0	0	4	0	2	0	5	0	3	135	6	1	7	90	5	0	257	2	0	0	0
4:30 PM	2	0	3	0	1	0	2	0	4	160	2	0	5	128	4	1	311	4	0	0	3
4:45 PM	2	0	6	0	0	0	0	0	1	121	3	0	2	103	2	2	240	2	0	0	0
5:00 PM	3	0	9	0	2	3	3	0	4	151	1	0	5	106	2	1	289	2	1	0	0
5:15 PM	1	0	5	0	1	0	0	0	1	148	3	1	6	125	1	0	291	0	1	0	0
5:30 PM	0	0	3	0	0	0	1	0	3	116	4	1	4	104	3	0	238	0	1	0	1
5:45 PM	1	0	0	0	2	0	1	0	5	131	1	0	2	122	3	1	268	5	0	0	0
Total Survey	9	0	32	2	8	3	14	1	25	1,114	24	3	35	869	22	6	2,155	17	3	0	4

Peak Hour Summary

4:30 PM to 5:30 PM

By Approach	Northbound SE 66th Ave				Southbound SE 66th Ave				Eastbound SE King Rd				Westbound SE King Rd				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	31	30	61	0	12	19	31	0	599	475	1,074	1	489	607	1,096	4	1,131	8	2	0	3
%HV	3.2%				0.0%				1.8%				1.8%				1.9%				
PHF	0.65				0.38				0.90				0.89				0.91				

By Movement	Northbound SE 66th Ave				Southbound SE 66th Ave				Eastbound SE King Rd				Westbound SE King Rd				Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
Volume	8	0	23	31	4	3	5	12	10	580	9	599	18	462	9	489	1,131
%HV	0.0%	0.0%	4.3%	3.2%	0.0%	0.0%	0.0%	0.0%	10.0%	1.6%	11.1%	1.8%	5.6%	1.7%	0.0%	1.8%	1.9%
PHF	0.50	0.00	0.58	0.65	0.50	0.25	0.42	0.38	0.63	0.89	0.75	0.90	0.56	0.90	0.38	0.89	0.91

Rolling Hour Summary

4:00 PM to 6:00 PM

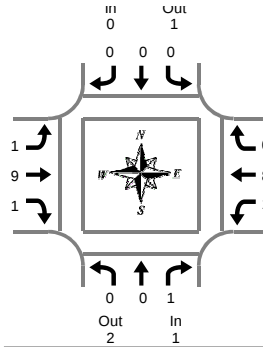
Interval Start Time	Northbound SE 66th Ave				Southbound SE 66th Ave				Eastbound SE King Rd				Westbound SE King Rd				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	4	0	15	2	3	0	9	1	12	568	15	1	18	412	13	4	1,069	10	0	0	3
4:15 PM	7	0	22	0	5	3	10	0	12	567	12	1	19	427	13	4	1,097	10	1	0	3
4:30 PM	8	0	23	0	4	3	5	0	10	580	9	1	18	462	9	4	1,131	8	2	0	3
4:45 PM	6	0	23	0	3	3	4	0	9	536	11	2	17	438	8	3	1,058	4	3	0	1
5:00 PM	5	0	17	0	5	3	5	0	13	546	9	2	17	457	9	2	1,086	7	3	0	1

Heavy Vehicle Summary



Clay Carney
(503) 833-2740

Out 8
In 11



SE 66th Ave & SE King Rd

Tuesday, July 25, 2017

4:00 PM to 6:00 PM

Peak Hour Summary
4:30 PM to 5:30 PM

Heavy Vehicle 5-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 66th Ave				Southbound SE 66th Ave				Eastbound SE King Rd				Westbound SE King Rd				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	2
4:05 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
4:10 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	2
4:15 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	2
4:20 PM	0	0	0	0	0	0	0	0	0	2	0	2	0	2	0	2	4
4:25 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:35 PM	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	2
4:40 PM	0	0	0	0	0	0	0	0	0	0	1	1	1	2	0	3	4
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
4:50 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
4:55 PM	0	0	0	0	0	0	0	0	0	3	0	3	0	1	0	1	4
5:00 PM	0	0	1	1	0	0	0	0	0	1	0	1	0	0	0	0	2
5:05 PM	0	0	0	0	0	0	0	0	0	2	0	2	0	1	0	1	3
5:10 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:20 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
5:25 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:35 PM	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	2
5:40 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:50 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
5:55 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2
Total Survey	0	0	1	1	0	0	0	0	1	18	1	20	1	17	0	18	39

Heavy Vehicle 15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 66th Ave				Southbound SE 66th Ave				Eastbound SE King Rd				Westbound SE King Rd				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	0	0	0	0	0	0	0	0	0	3	0	3	0	2	0	2	5
4:15 PM	0	0	0	0	0	0	0	0	0	3	0	3	0	4	0	4	7
4:30 PM	0	0	0	0	0	0	0	0	1	1	3	1	2	0	3	6	6
4:45 PM	0	0	0	0	0	0	0	0	0	4	0	4	0	2	0	2	6
5:00 PM	0	0	1	1	0	0	0	0	0	3	0	3	0	3	0	3	7
5:15 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	2
5:30 PM	0	0	0	0	0	0	0	0	0	2	0	2	0	1	0	1	3
5:45 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	2	0	2	3
Total Survey	0	0	1	1	0	0	0	0	1	18	1	20	1	17	0	18	39

Heavy Vehicle Peak Hour Summary

4:30 PM to 5:30 PM

By Approach	Northbound SE 66th Ave			Southbound SE 66th Ave			Eastbound SE King Rd			Westbound SE King Rd			Total
	In	Out	Total	In	Out	Total	In	Out	Total	In	Out	Total	
Volume	1	2	3	0	1	1	11	8	19	9	10	19	21
PHF	0.25			0.00			0.46			0.56			0.58

By Movement	Northbound SE 66th Ave				Southbound SE 66th Ave				Eastbound SE King Rd				Westbound SE King Rd				Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
Volume	0	0	1	1	0	0	0	0	1	11	1	13	1	10	0	11	21
PHF	0.00	0.00	0.25	0.25	0.00	0.00	0.00	0.00	0.25	0.38	0.25	0.46	0.25	0.67	0.00	0.56	0.58

Heavy Vehicle Rolling Hour Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 66th Ave				Southbound SE 66th Ave				Eastbound SE King Rd				Westbound SE King Rd				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	0	0	0	0	0	0	0	0	1	11	1	13	1	10	0	11	24
4:15 PM	0	0	1	1	0	0	0	0	1	11	1	13	1	11	0	12	26
4:30 PM	0	0	1	1	0	0	0	0	1	9	1	11	1	8	0	9	21
4:45 PM	0	0	1	1	0	0	0	0	0	10	0	10	0	7	0	7	18
5:00 PM	0	0	1	1	0	0	0	0	0	7	0	7	0	7	0	7	15

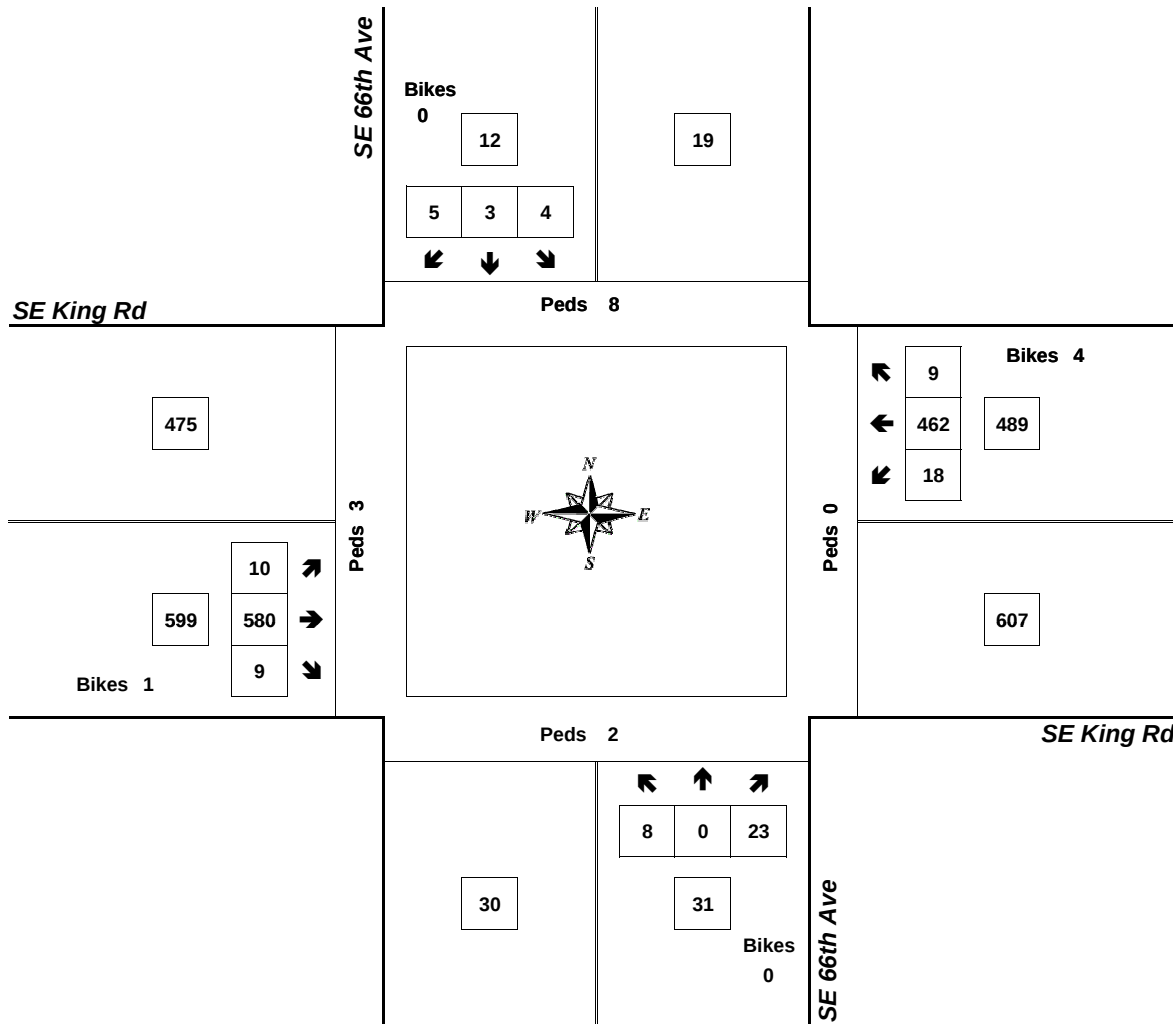
Peak Hour Summary



Clay Carney
(503) 833-2740

SE 66th Ave & SE King Rd

4:30 PM to 5:30 PM
Tuesday, July 25, 2017



Approach	PHF	HV%	Volume
EB	0.90	1.8%	599
WB	0.89	1.8%	489
NB	0.65	3.2%	31
SB	0.38	0.0%	12
Intersection	0.91	1.9%	1,131

Count Period: 4:00 PM to 6:00 PM

Total Vehicle Summary

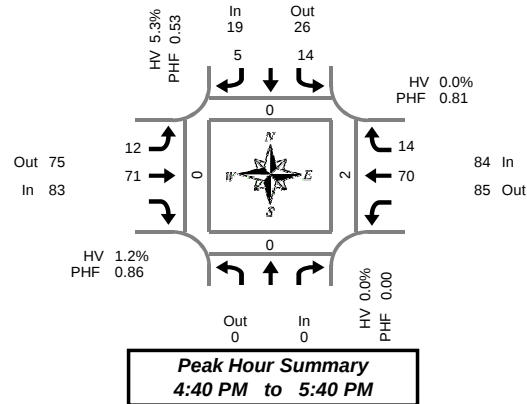


Clay Carney
(503) 833-2740

SE 70th Ave & SE Monroe St

Tuesday, July 25, 2017

4:00 PM to 6:00 PM



5-Minute Interval Summary 4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 70th Ave				Southbound SE 70th Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Interval Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
4:00 PM	0	2	2	0	0	1	1	0	0	5	5	0	7	1	8	0	16	0	0	0	0
4:05 PM	0	0	0	0	0	0	0	0	0	6	6	0	2	1	3	0	9	0	0	0	0
4:10 PM	0	0	0	0	0	0	0	0	2	7	9	0	6	1	7	1	16	0	0	0	0
4:15 PM	0	0	0	0	1	1	2	0	1	6	7	0	10	0	10	0	18	0	0	0	0
4:20 PM	0	0	0	0	2	2	4	0	1	5	6	0	6	1	7	0	15	0	0	0	0
4:25 PM	0	0	0	0	0	0	0	0	4	4	8	0	6	0	6	0	10	0	0	0	0
4:30 PM	0	0	0	0	1	1	2	0	3	3	6	0	6	1	7	0	11	0	0	0	0
4:35 PM	0	0	0	0	0	0	0	0	1	5	6	0	7	1	8	0	14	0	0	0	0
4:40 PM	0	1	1	0	0	0	0	0	2	4	6	0	6	2	8	0	15	0	0	2	0
4:45 PM	0	0	0	0	1	1	2	0	1	5	6	0	7	5	12	0	19	0	0	0	0
4:50 PM	0	1	1	0	0	0	0	0	2	8	10	0	6	0	6	0	17	0	0	0	0
4:55 PM	0	2	2	0	0	0	0	0	0	5	5	0	6	0	6	0	13	0	0	0	0
5:00 PM	0	1	1	0	0	0	0	0	0	6	6	0	5	1	6	0	13	0	0	0	0
5:05 PM	0	0	0	0	1	1	2	0	2	6	8	0	4	1	5	0	14	0	0	0	0
5:10 PM	0	0	0	0	0	0	0	0	1	6	7	0	4	0	4	0	11	0	0	0	0
5:15 PM	0	1	1	0	0	0	0	0	1	8	9	0	7	1	8	0	18	0	0	0	0
5:20 PM	0	2	2	0	0	0	0	0	2	3	5	0	5	1	6	0	13	0	0	0	0
5:25 PM	0	3	3	1	1	1	2	1	6	6	12	0	9	1	10	0	21	0	0	0	0
5:30 PM	0	0	0	0	1	1	2	0	0	6	6	0	7	1	8	0	15	0	0	0	0
5:35 PM	0	3	3	1	0	0	0	0	0	8	8	0	4	1	5	0	17	0	0	0	0
5:40 PM	0	0	0	0	1	1	2	0	0	1	1	0	5	3	8	0	10	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	6	6	0	8	1	9	0	15	0	0	0	0
5:50 PM	0	0	0	0	0	0	0	0	10	10	20	0	3	1	4	0	14	0	0	0	0
5:55 PM	0	1	1	0	0	0	0	0	0	5	5	0	5	2	7	0	13	0	0	0	0
Total Survey	0	17	17	1	17	134	151	0	141	27	168	1	347	28	375	1	347	0	0	2	0

15-Minute Interval Summary 4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 70th Ave				Southbound SE 70th Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Interval Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
4:00 PM	0	2	2	0	0	1	1	0	2	18	20	0	15	3	18	1	41	0	0	0	0
4:15 PM	0	0	0	0	3	0	3	0	2	15	17	0	22	1	23	0	43	0	0	0	0
4:30 PM	0	1	1	0	1	0	1	0	3	12	15	0	19	4	23	0	40	0	0	2	0
4:45 PM	0	3	3	1	0	3	3	0	3	18	21	0	19	5	24	0	49	0	0	0	0
5:00 PM	0	1	1	0	1	0	1	0	3	18	21	0	13	2	15	0	38	0	0	0	0
5:15 PM	0	6	6	1	1	4	5	1	4	17	21	0	21	3	24	0	52	0	0	0	0
5:30 PM	0	3	3	0	3	0	3	0	0	15	15	0	16	5	21	0	42	0	0	0	0
5:45 PM	0	1	1	0	0	0	0	0	21	21	42	0	16	4	20	0	42	0	0	0	0
Total Survey	0	17	17	1	17	134	151	0	141	27	168	1	347	28	375	1	347	0	0	2	0

Peak Hour Summary 4:40 PM to 5:40 PM

By Approach	Northbound SE 70th Ave				Southbound SE 70th Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	0	0	0	0	19	26	45	1	83	75	158	0	84	85	169	0	186	0	0	2	0
%HV	0.0%	0.0%	0.0%	0.0%	5.3%	5.3%	5.3%	0.3%	1.2%	1.2%	1.2%	0.0%	0.0%	0.0%	0.0%	0.0%	1.1%	0	0	0	0
PHF	0.00	0.00	0.00	0.00	0.53	0.53	0.53	0.60	0.89	0.86	0.86	0.81	0.83	0.50	0.81	0.88	0.88	0	0	0	0

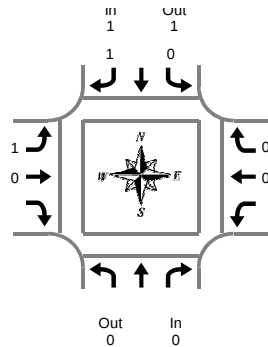
By Movement	Northbound SE 70th Ave				Southbound SE 70th Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	0	14	14	0	5	19	24	1	12	71	83	0	70	14	84	0	186	0	0	2	0
%HV	NA	NA	NA	0.0%	0.0%	NA	20.0%	5.3%	8.3%	0.0%	NA	1.2%	NA	0.0%	0.0%	0.0%	1.1%	0	0	0	0
PHF	0.00	0.58	0.42	0.53	0.60	0.89	0.86	0.81	0.83	0.50	0.81	0.88	0.83	0.50	0.81	0.88	0.88	0	0	0	0

Rolling Hour Summary 4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 70th Ave				Southbound SE 70th Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Interval Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
4:00 PM	0	6	6	0	6	0	6	0	10	63	73	0	75	13	88	1	173	0	0	2	0
4:15 PM	0	5	5	0	6	0	6	0	11	63	74	0	73	12	85	0	170	0	0	2	0
4:30 PM	0	11	11	4	4	1	5	1	13	65	78	0	72	14	86	0	179	0	0	2	0
4:45 PM	0	13	13	6	6	1	7	1	10	68	78	0	69	15	84	0	181	0	0	0	0
5:00 PM	0	11	11	5	5	1	6	1	7	71	78	0	66	14	80	0	174	0	0	0	0

All Traffic Data
Services Inc.

Out 1
In 1



Tuesday, July 25, 2017

Peak Hour Summary
4:40 PM to 5:40 PM

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 70th Ave			Southbound SE 70th Ave			Eastbound SE Monroe St			Westbound SE Monroe St			Interval Total	
			Total	L	R	Total	L	T	Total	T	R	Total		
4:00 PM			0	0	0	0	0	0	0		0	0	0	0
4:05 PM			0	0	0	0	0	0	0		0	0	0	0
4:10 PM			0	0	0	0	0	0	0		1	0	1	1
4:15 PM			0	0	0	0	0	0	0		0	0	0	0
4:20 PM			0	0	0	0	0	0	0		0	0	0	0
4:25 PM			0	0	0	0	0	0	0		0	0	0	0
4:30 PM			0	0	0	0	0	0	0		0	0	0	0
4:35 PM			0	0	0	0	0	0	0		0	0	0	0
4:40 PM			0	0	0	0	1	0	1		0	0	0	1
4:45 PM			0	0	1	1	0	0	0		0	0	0	1
4:50 PM			0	0	0	0	0	0	0		0	0	0	0
4:55 PM			0	0	0	0	0	0	0		0	0	0	0
5:00 PM			0	0	0	0	0	0	0		0	0	0	0
5:05 PM			0	0	0	0	0	0	0		0	0	0	0
5:10 PM			0	0	0	0	0	0	0		0	0	0	0
5:15 PM			0	0	0	0	0	0	0		0	0	0	0
5:20 PM			0	0	0	0	0	0	0		0	0	0	0
5:25 PM			0	0	0	0	0	0	0		0	0	0	0
5:30 PM			0	0	0	0	0	0	0		0	0	0	0
5:35 PM			0	0	0	0	0	0	0		0	0	0	0
5:40 PM			0	0	0	0	0	0	0		0	0	0	0
5:45 PM			0	0	0	0	0	0	0		0	0	0	0
5:50 PM			0	0	0	0	0	0	0		0	0	0	0
5:55 PM			0	0	0	0	0	0	0		0	0	0	0
Total Survey			0	0	1	1	1	0	1		1	0	1	3

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 70th Ave			Southbound SE 70th Ave			Eastbound SE Monroe St			Westbound SE Monroe St			Interval Total	
			Total	L	R	Total	L	T	Total		T	R		Total
4:00 PM			0	0	0	0	0	0	0	1	0	1	1	
4:15 PM			0	0	0	0	0	0	0	0	0	0	0	
4:30 PM			0	0	0	0	1	0	1	0	0	0	1	
4:45 PM			0	0	1	1	0	0	0	0	0	0	1	
5:00 PM			0	0	0	0	0	0	0	0	0	0	0	
5:15 PM			0	0	0	0	0	0	0	0	0	0	0	
5:30 PM			0	0	0	0	0	0	0	0	0	0	0	
5:45 PM			0	0	0	0	0	0	0	0	0	0	0	
Total Survey			0	0	1	1	1	0	1		1	0	1	3

4:40 PM to 5:40 PM

By Approach	Northbound SE 70th Ave			Southbound SE 70th Ave			Eastbound SE Monroe St			Westbound SE Monroe St			Total
	In	Out	Total	In	Out	Total	In	Out	Total	In	Out	Total	
Volume	0	0	0	1	1	2	1	1	2	0	0	0	2
PHF	0.00			0.25			0.25			0.00			0.25

By Movement	Northbound SE 70th Ave			Southbound SE 70th Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Total
		Total	L	R	Total	L	T	Total		T	R	Total				
Volume		0	0	1	1	1	0	1		0	0	0	2			
PHE		0.00	0.00	0.25	0.25	0.25	0.00	0.25		0.00	0.00	0.00	0.25			

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 70th Ave			Southbound SE 70th Ave			Eastbound SE Monroe St			Westbound SE Monroe St			Interval Total	
			Total	L	R	Total	L	T	Total	T	R	Total		
4:00 PM			0	0	1	1	1	0	1		1	0	1	3
4:15 PM			0	0	1	1	1	0	1		0	0	0	2
4:30 PM			0	0	1	1	0	0	1		0	0	0	2
4:45 PM			0	0	1	1	0	0	1		0	0	0	1
5:00 PM			0	0	0	0	0	0	0		0	0	0	0

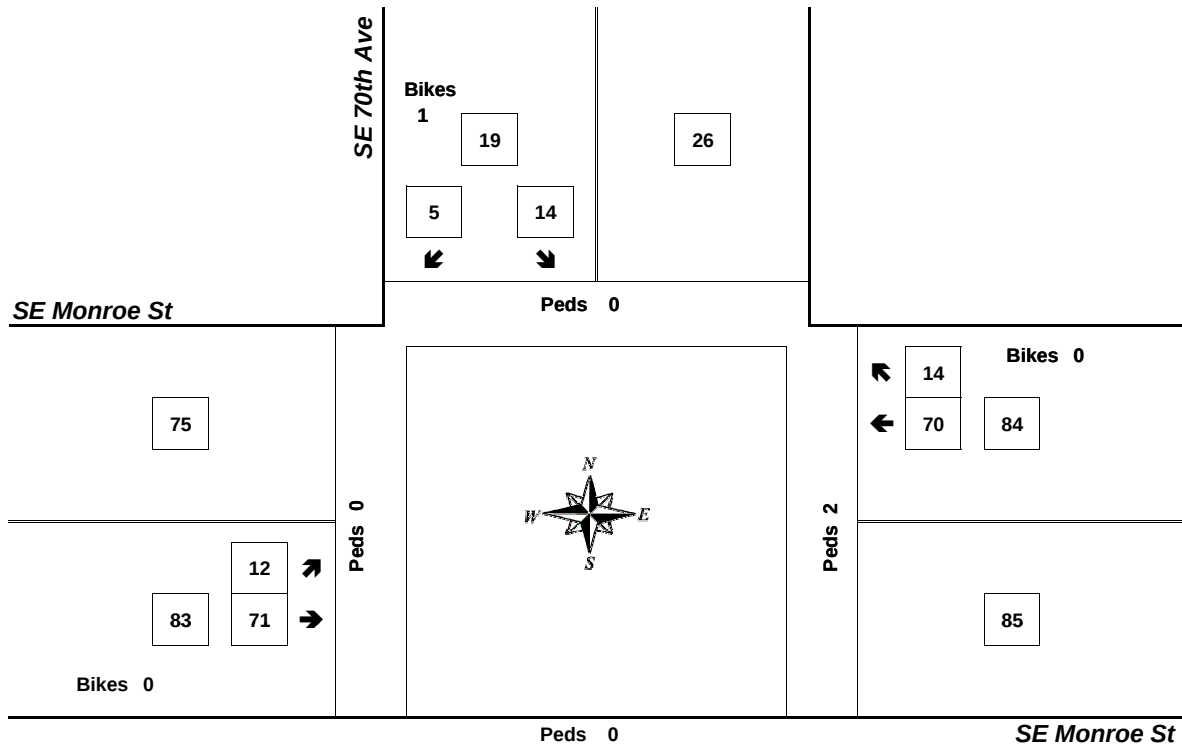
Peak Hour Summary



Clay Carney
(503) 833-2740

SE 70th Ave & SE Monroe St

4:40 PM to 5:40 PM
Tuesday, July 25, 2017



Approach	PHF	HV%	Volume
EB	0.86	1.2%	83
WB	0.81	0.0%	84
NB	0.00	0.0%	0
SB	0.53	5.3%	19
Intersection	0.88	1.1%	186

Count Period: 4:00 PM to 6:00 PM

Total Vehicle Summary

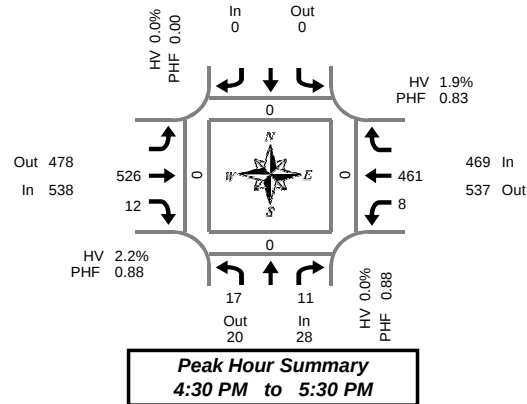


Clay Carney
(503) 833-2740

SE 74th Ave & SE King Rd

Tuesday, July 25, 2017

4:00 PM to 6:00 PM



5-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 74th Ave				Southbound SE 74th Ave				Eastbound SE King Rd				Westbound SE King Rd				Interval Total	Pedestrians Crosswalk			
	L		R	Bikes				Bikes	T	R	Bikes		L	T		Bikes		North	South	East	West
4:00 PM	1		1	0				0	37	3	0	1	30			1	73	0	0	0	0
4:05 PM	1		0	1				0	50	2	0	2	30			1	85	0	0	0	0
4:10 PM	0		2	0				0	48	2	0	0	44			0	96	0	0	0	0
4:15 PM	2		4	0				0	47	0	0	1	30			0	84	0	0	0	0
4:20 PM	1		2	0				0	27	0	0	0	34			0	64	0	0	0	0
4:25 PM	0		0	0				0	34	0	0	1	39			0	74	0	0	0	0
4:30 PM	1		0	0				0	35	1	0	1	32			0	70	0	0	0	0
4:35 PM	2		1	0				0	55	0	0	1	35			0	94	0	0	0	0
4:40 PM	2		0	0				0	43	1	0	0	39			1	85	0	0	0	0
4:45 PM	1		2	0				0	47	0	1	2	44			0	96	0	0	0	0
4:50 PM	2		1	0				0	46	1	0	0	33			0	83	0	0	0	0
4:55 PM	1		0	0				0	31	0	0	0	36			0	68	0	0	0	0
5:00 PM	1		3	0				0	48	0	0	1	35			0	88	0	0	0	0
5:05 PM	2		0	0				0	48	1	0	0	34			0	85	0	0	0	0
5:10 PM	1		1	0				0	53	2	0	0	35			0	92	0	0	0	0
5:15 PM	1		0	0				0	48	1	1	0	47			0	97	0	0	0	0
5:20 PM	1		2	0				0	36	4	0	2	46			0	91	0	0	0	0
5:25 PM	2		1	0				0	36	1	0	1	45			0	86	0	0	0	0
5:30 PM	3		0	0				0	25	0	0	2	27			0	57	0	0	0	0
5:35 PM	0		0	0				0	37	3	0	0	41			0	81	0	0	0	1
5:40 PM	2		0	0				0	38	1	0	1	39			0	81	0	0	0	0
5:45 PM	3		0	0				0	59	2	0	0	40			1	104	0	0	0	1
5:50 PM	2		0	0				0	31	2	0	0	37			0	72	0	2	0	0
5:55 PM	0		1	0				0	37	1	0	0	34			1	73	0	0	0	0
Total Survey	32		21	1				0	996	28	2	16	886			5	1,979	0	2	0	2

15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 74th Ave				Southbound SE 74th Ave				Eastbound SE King Rd				Westbound SE King Rd				Interval Total	Pedestrians Crosswalk			
	L		R	Bikes				Bikes	T	R	Bikes		L	T		Bikes		North	South	East	West
4:00 PM	2		3	1				0	135	7	0	3	104			2	254	0	0	0	0
4:15 PM	3		6	0				0	108	0	0	2	103			0	222	0	0	0	0
4:30 PM	5		1	0				0	133	2	0	2	106			1	249	0	0	0	0
4:45 PM	4		3	0				0	124	1	1	2	113			0	247	0	0	0	0
5:00 PM	4		4	0				0	149	3	0	1	104			0	265	0	0	0	0
5:15 PM	4		3	0				0	120	6	1	3	138			0	274	0	0	0	0
5:30 PM	5		0	0				0	100	4	0	3	107			0	219	0	0	0	1
5:45 PM	5		1	0				0	127	5	0	0	111			2	249	0	2	0	1
Total Survey	32		21	1				0	996	28	2	16	886			5	1,979	0	2	0	2

Peak Hour Summary

4:30 PM to 5:30 PM

By Approach	Northbound SE 74th Ave				Southbound SE 74th Ave				Eastbound SE King Rd				Westbound SE King Rd				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	28	20	48	0	0	0	0	0	538	478	1,016	2	469	537	1,006	1	1,035	0	0	0	0
%HV			0.0%				0.0%				2.2%				1.9%		2.0%				
PHF			0.88				0.00				0.88				0.83		0.92				

By Movement	Northbound SE 74th Ave				Southbound SE 74th Ave				Eastbound SE King Rd				Westbound SE King Rd				Total
	L		R	Total				Total	T	R	Total		L	T		Total	
Volume	17		11	28				0	526	12	538		8	426		469	1,035
%HV	0.0%	NA	0.0%	0.0%	NA	NA	NA	0.0%	NA	2.3%	0.0%	2.2%	0.0%	2.0%	NA	1.9%	2.0%
PHF	0.85		0.69	0.88				0.00	0.88	0.43	0.88		0.67	0.84		0.83	0.92

Rolling Hour Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 74th Ave				Southbound SE 74th Ave				Eastbound SE King Rd				Westbound SE King Rd				Interval Total	Pedestrians Crosswalk			
	L		R	Bikes				Bikes	T	R	Bikes		L	T		Bikes		North	South	East	West
4:00 PM	14		13	1				0	500	10	1	9	426			3	972	0	0	0	0
4:15 PM	16		14	0				0	514	6	1	7	426			1	983	0	0	0	0
4:30 PM	17		11	0				0	526	12	2	8	461			1	1,035	0	0	0	0
4:45 PM	17		10	0				0	493	14	2	9	462			0	1,005	0	0	0	1
5:00 PM	18		8	0				0	496	18	1	7	460			2	1,007	0	2	0	2

Heavy Vehicle Summary

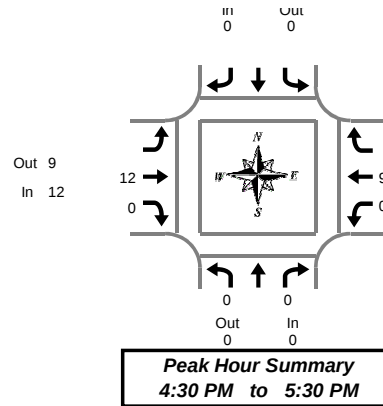


Clay Carney
(503) 833-2740

SE 74th Ave & SE King Rd

Tuesday, July 25, 2017

4:00 PM to 6:00 PM



Heavy Vehicle 5-Minute Interval Summary 4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 74th Ave				Southbound SE 74th Ave				Eastbound SE King Rd			Westbound SE King Rd			Interval Total
	L		R	Total				Total	T	R	Total	L	T		Total
4:00 PM	0		0	0				0	0	0	0	0	2		2
4:05 PM	0		0	0				0	1	0	1	0	0		1
4:10 PM	0		0	0				0	1	0	1	0	2		3
4:15 PM	0		1	1				0	0	0	0	0	2		3
4:20 PM	0		0	0				0	2	0	2	0	1		3
4:25 PM	0		0	0				0	1	0	1	0	0		1
4:30 PM	0		0	0				0	0	0	0	0	0		0
4:35 PM	0		0	0				0	1	0	1	0	2		3
4:40 PM	0		0	0				0	0	0	0	0	1		1
4:45 PM	0		0	0				0	1	0	1	0	0		1
4:50 PM	0		0	0				0	1	0	1	0	2		3
4:55 PM	0		0	0				0	3	0	3	0	0		3
5:00 PM	0		0	0				0	1	0	1	0	1		2
5:05 PM	0		0	0				0	2	0	2	0	1		3
5:10 PM	0		0	0				0	0	0	0	0	1		1
5:15 PM	0		0	0				0	0	0	0	0	0		0
5:20 PM	0		0	0				0	2	0	2	0	0		2
5:25 PM	0		0	0				0	1	0	1	0	1		2
5:30 PM	0		0	0				0	0	0	0	0	1		1
5:35 PM	0		0	0				0	1	0	1	0	1		2
5:40 PM	0		0	0				0	1	0	1	1	1		3
5:45 PM	0		0	0				0	0	1	1	0	0		1
5:50 PM	0		0	0				0	1	0	1	0	0		1
5:55 PM	0		0	0				0	0	0	0	0	2		2
Total Survey	0		1	1				0	20	1	21	1	21		22

Heavy Vehicle 15-Minute Interval Summary 4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 74th Ave				Southbound SE 74th Ave				Eastbound SE King Rd			Westbound SE King Rd			Interval Total
	L		R	Total				Total	T	R	Total	L	T		Total
4:00 PM	0		0	0				0	2	0	2	0	4		6
4:15 PM	0		1	1				0	3	0	3	0	3		7
4:30 PM	0		0	0				0	1	0	1	0	3		4
4:45 PM	0		0	0				0	5	0	5	0	2		7
5:00 PM	0		0	0				0	3	0	3	0	3		6
5:15 PM	0		0	0				0	3	0	3	0	1		4
5:30 PM	0		0	0				0	2	0	2	1	3		6
5:45 PM	0		0	0				0	1	1	2	0	2		4
Total Survey	0		1	1				0	20	1	21	1	21		22

Heavy Vehicle Peak Hour Summary 4:30 PM to 5:30 PM

By Approach	Northbound SE 74th Ave			Southbound SE 74th Ave			Eastbound SE King Rd			Westbound SE King Rd			Total
	In	Out	Total	In	Out	Total	In	Out	Total	In	Out	Total	
Volume	0	0	0	0	0	0	12	9	21	9	12	21	21
PHF	0.00			0.00			0.50			0.75			0.66

By Movement	Northbound SE 74th Ave			Southbound SE 74th Ave			Eastbound SE King Rd			Westbound SE King Rd			Total
	L		R			Total	T	R	Total	L	T	Total	
Volume	0		0			0	12	0	12	0	9	9	21
PHF	0.00		0.00			0.00	0.50	0.00	0.50	0.00	0.75	0.75	0.66

Heavy Vehicle Rolling Hour Summary 4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 74th Ave				Southbound SE 74th Ave				Eastbound SE King Rd			Westbound SE King Rd			Interval Total
	L		R	Total				Total	T	R	Total	L	T		Total
4:00 PM	0		1	1				0	11	0	11	0	12		24
4:15 PM	0		1	1				0	12	0	12	0	11		24
4:30 PM	0		0	0				0	12	0	12	0	9		21
4:45 PM	0		0	0				0	13	0	13	1	9		23
5:00 PM	0		0	0				0	9	1	10	1	9		20

Peak Hour Summary



Clay Carney
(503) 833-2740

SE 74th Ave & SE King Rd

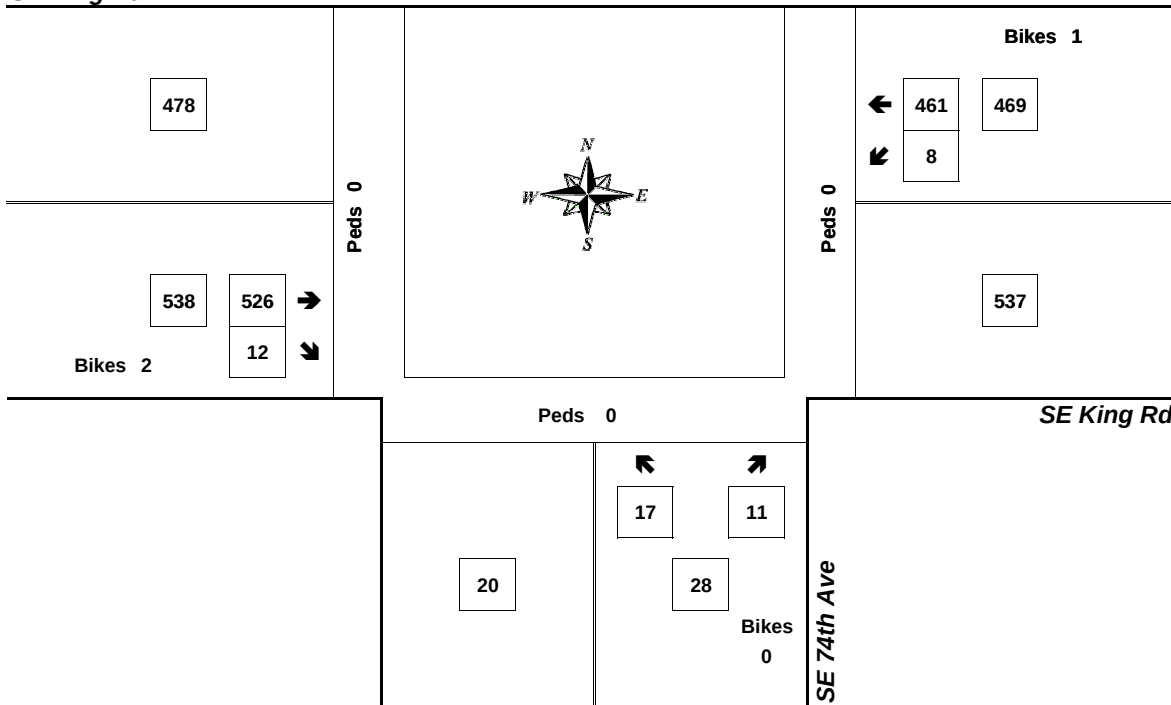
4:30 PM to 5:30 PM

Tuesday, July 25, 2017

Bikes
0

SE King Rd

Peds 0



Approach	PHF	HV%	Volume
EB	0.88	2.2%	538
WB	0.83	1.9%	469
NB	0.88	0.0%	28
SB	0.00	0.0%	0
Intersection	0.92	2.0%	1,035

Count Period: 4:00 PM to 6:00 PM

Total Vehicle Summary

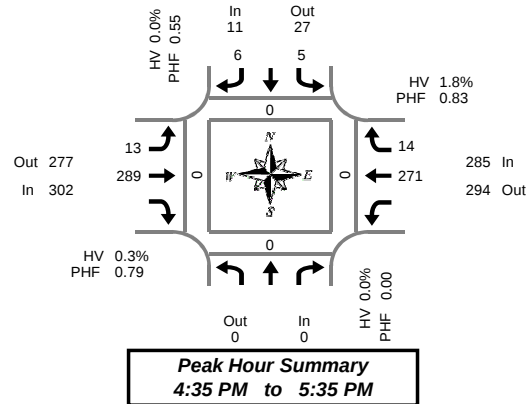


Clay Carney
(503) 833-2740

SE Beckman Ave & SE Railroad Ave

Tuesday, July 25, 2017

4:00 PM to 6:00 PM



5-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Beckman Ave				Southbound SE Beckman Ave				Eastbound SE Railroad Ave				Westbound SE Railroad Ave				Interval Total	Pedestrians Crosswalk			
			Bikes	L	R	Bikes	L	T	Bikes		T	R	Bikes		North	South		East	West		
4:00 PM			0	0	0	0	1	30	0		20	0	0	51	0	0	0	0			
4:05 PM			0	0	3	0	0	31	0		22	3	0	59	0	0	0	0			
4:10 PM			0	0	1	0	1	15	0		21	0	0	38	0	0	0	0			
4:15 PM			0	1	0	0	2	15	0		15	2	0	35	0	0	0	0			
4:20 PM			0	3	1	0	2	23	0		12	1	0	42	0	0	0	0			
4:25 PM			0	1	0	0	0	13	0		13	2	0	29	0	0	0	0			
4:30 PM			0	0	0	0	1	31	0		13	2	0	47	0	0	0	0			
4:35 PM			0	1	0	0	1	24	0		29	3	0	58	0	0	0	0			
4:40 PM			0	1	2	0	0	28	0		23	1	0	55	0	0	0	0			
4:45 PM			0	0	1	0	1	19	0		27	3	0	51	0	0	0	0			
4:50 PM			0	0	0	0	2	16	0		21	0	0	39	0	0	0	0			
4:55 PM			0	1	1	0	2	25	0		16	0	0	45	0	0	0	0			
5:00 PM			0	1	0	0	2	19	0		18	0	0	40	0	0	0	0			
5:05 PM			0	0	0	0	0	37	0		21	3	0	61	0	0	0	0			
5:10 PM			0	0	0	0	1	33	0		28	0	0	62	0	0	0	0			
5:15 PM			0	0	0	0	0	24	0		24	1	1	49	0	0	0	0			
5:20 PM			0	0	1	0	1	25	0		20	1	0	48	0	0	0	0			
5:25 PM			0	0	0	0	2	17	0		18	2	0	39	0	0	0	0			
5:30 PM			0	1	1	0	1	22	0		26	0	1	51	0	0	0	0			
5:35 PM			0	0	0	0	0	31	0		24	0	0	55	0	0	0	0			
5:40 PM			0	0	0	0	0	10	0		16	0	0	26	1	0	0	0			
5:45 PM			0	1	0	0	0	23	0		24	2	0	50	0	0	0	0			
5:50 PM			0	1	1	0	1	23	0		10	1	0	37	0	0	0	0			
5:55 PM			0	1	1	0	1	14	1		31	1	0	49	0	0	0	0			
Total Survey			0	13	13	0	22	548	1		492	28	2	1,116	1	0	0	0			

15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Beckman Ave				Southbound SE Beckman Ave				Eastbound SE Railroad Ave				Westbound SE Railroad Ave				Interval Total	Pedestrians Crosswalk			
			Bikes	L	R	Bikes	L	T	Bikes		T	R	Bikes		T	R		North	South	East	West
4:00 PM			0	0	4	0	2	76	0		63	3	0		148		0	0	0	0	
4:15 PM			0	5	1	0	4	51	0		40	5	0		106		0	0	0	0	
4:30 PM			0	2	2	0	2	83	0		65	6	0		160		0	0	0	0	
4:45 PM			0	1	2	0	5	60	0		64	3	0		135		0	0	0	0	
5:00 PM			0	1	0	0	3	89	0		67	3	0		163		0	0	0	0	
5:15 PM			0	0	1	0	3	66	0		62	4	1		136		0	0	0	0	
5:30 PM			0	1	1	0	1	63	0		66	0	1		132		1	0	0	0	
5:45 PM			0	3	2	0	2	60	1		65	4	0		136		0	0	0	0	
Total Survey			0	13	13	0	22	548	1		492	28	2		1,116		1	0	0	0	

Peak Hour Summary

4:35 PM to 5:35 PM

By Approach	Northbound SE Beckman Ave				Southbound SE Beckman Ave				Eastbound SE Railroad Ave				Westbound SE Railroad Ave				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	0	0	0	0	11	27	38	0	302	277	579	0	285	294	579	2	598	0	0	0	0
%HV	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.5%	0.0%	0.3%	0.7%	0.7%	0.0%	1.8%	0.8%	1.0%	0.0%	1.0%				
PHF	0.00	0.00	0.00	0.00	0.55	0.55	0.55	0.55	0.79	0.79	0.79	0.79	0.86	0.50	0.83	0.87	0.87				

By Movement	Northbound SE Beckman Ave				Southbound SE Beckman Ave				Eastbound SE Railroad Ave				Westbound SE Railroad Ave				Total
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	
Volume	0	0	0	0	5	11	16	0	13	289	302	0	271	14	285	0	598
%HV	NA	NA	NA	0.0%	0.0%	0.5%	0.5%	0.0%	0.3%	0.7%	0.7%	0.0%	1.8%	0.8%	1.0%	0.0%	1.0%
PHF	0.00	0.00	0.00	0.00	0.63	0.50	0.55	0.54	0.77	0.79	0.79	0.79	0.86	0.50	0.83	0.87	0.87

Rolling Hour Summary

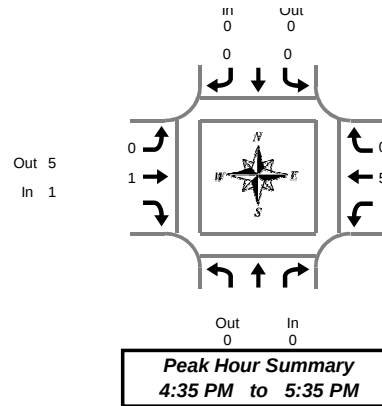
4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Beckman Ave				Southbound SE Beckman Ave				Eastbound SE Railroad Ave				Westbound SE Railroad Ave				Interval Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
4:00 PM	0	8	8	0	9	0	9	0	13	270	283	0	232	17	0	0	549	0	0	0	0
4:15 PM	0	9	9	0	5	0	5	0	14	283	297	0	236	17	0	0	564	0	0	0	0
4:30 PM	0	4	4	0	5	0	5	0	13	298	311	0	258	16	1	0	594	0	0	0	0
4:45 PM	0	3	3	0	4	0	4	0	12	278	290	0	259	10	2	0	566	1	0	0	0
5:00 PM	0	5	5	0	4	0	4	0	9	278	287	1	260	11	2	0	567	1	0	0	0

Heavy Vehicle Summary



Clay Carney
(503) 833-2740



SE Beckman Ave & SE Railroad Ave

Tuesday, July 25, 2017

4:00 PM to 6:00 PM

Heavy Vehicle 5-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Beckman Ave			Southbound SE Beckman Ave			Eastbound SE Railroad Ave			Westbound SE Railroad Ave			Interval Total
	In	Out	Total	In	Out	Total	In	Out	Total	In	Out	Total	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:05 PM	0	0	0	0	0	0	0	1	1	0	0	0	1
4:10 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	1	1	1
4:20 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:25 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:35 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:40 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:50 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:55 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	2	0	2	2
5:05 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:10 PM	0	0	0	0	0	0	0	1	1	2	0	2	3
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:20 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:25 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	1	0	1	1
5:35 PM	0	0	0	0	0	0	0	0	0	1	0	1	1
5:40 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:50 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:55 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Survey	0	0	0	0	0	0	0	2	2	6	1	7	9

Heavy Vehicle 15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Beckman Ave			Southbound SE Beckman Ave			Eastbound SE Railroad Ave			Westbound SE Railroad Ave			Interval Total
	In	Out	Total	In	Out	Total	In	Out	Total	In	Out	Total	
4:00 PM	0	0	0	0	0	0	0	1	1	0	0	0	1
4:15 PM	0	0	0	0	0	0	0	0	0	0	1	1	1
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	1	1	4	0	4	5
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	2	0	2	2
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Survey	0	0	0	0	0	0	0	2	2	6	1	7	9

Heavy Vehicle Peak Hour Summary

4:35 PM to 5:35 PM

By Approach	Northbound SE Beckman Ave			Southbound SE Beckman Ave			Eastbound SE Railroad Ave			Westbound SE Railroad Ave			Total
	In	Out	Total	In	Out	Total	In	Out	Total	In	Out	Total	
Volume	0	0	0	0	0	0	1	5	6	5	1	6	6
PHF	0.00			0.00			0.25			0.31			0.30

By Movement	Northbound SE Beckman Ave			Southbound SE Beckman Ave			Eastbound SE Railroad Ave			Westbound SE Railroad Ave			Total
	In	Out	Total	In	Out	Total	In	Out	Total	In	Out	Total	
Volume	0	0	0	0	0	0	0	1	1	5	0	5	6
PHF	0.00	0.00		0.00	0.00		0.00	0.25	0.25	0.31	0.00	0.31	0.30

Heavy Vehicle Rolling Hour Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Beckman Ave			Southbound SE Beckman Ave			Eastbound SE Railroad Ave			Westbound SE Railroad Ave			Interval Total
	In	Out	Total	In	Out	Total	In	Out	Total	In	Out	Total	
4:00 PM	0	0	0	0	0	0	0	1	1	0	1	1	2
4:15 PM	0	0	0	0	0	0	0	1	1	4	1	5	6
4:30 PM	0	0	0	0	0	0	0	1	1	4	0	4	5
4:45 PM	0	0	0	0	0	0	0	1	1	6	0	6	7
5:00 PM	0	0	0	0	0	0	0	1	1	6	0	6	7

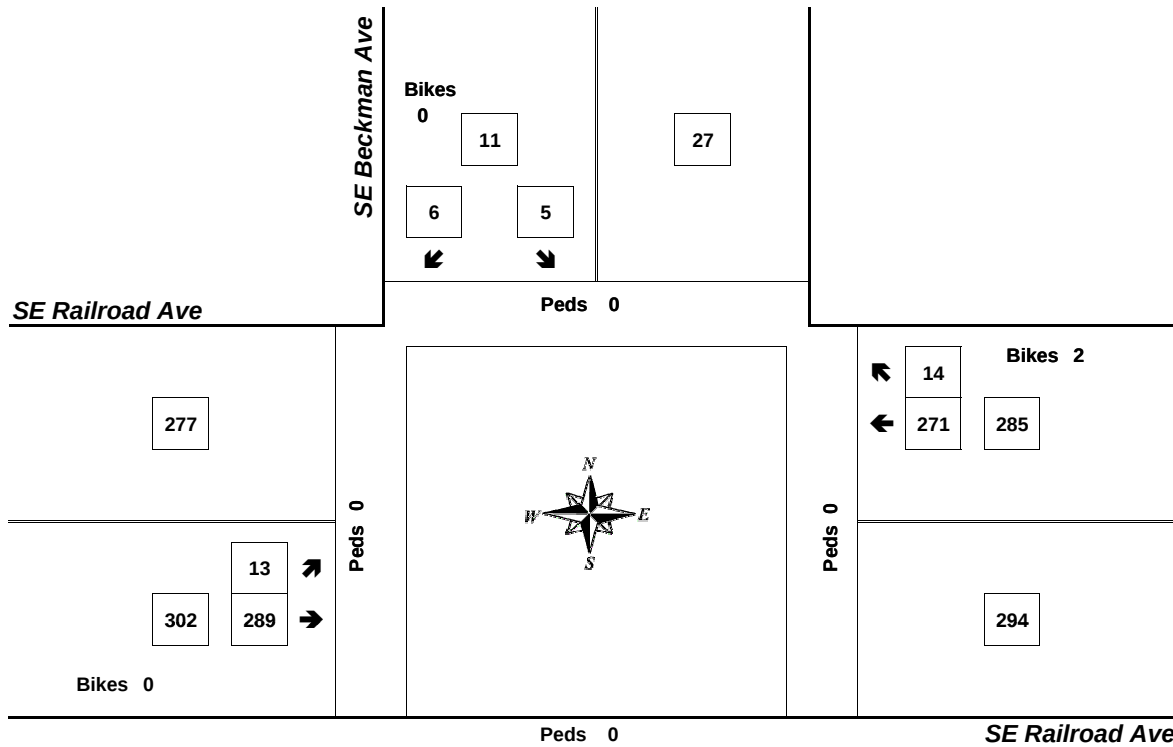
Peak Hour Summary



Clay Carney
(503) 833-2740

SE Beckman Ave & SE Railroad Ave

4:35 PM to 5:35 PM
Tuesday, July 25, 2017



Approach	PHF	HV%	Volume
EB	0.79	0.3%	302
WB	0.83	1.8%	285
NB	0.00	0.0%	0
SB	0.55	0.0%	11
Intersection	0.87	1.0%	598

Count Period: 4:00 PM to 6:00 PM

Total Vehicle Summary

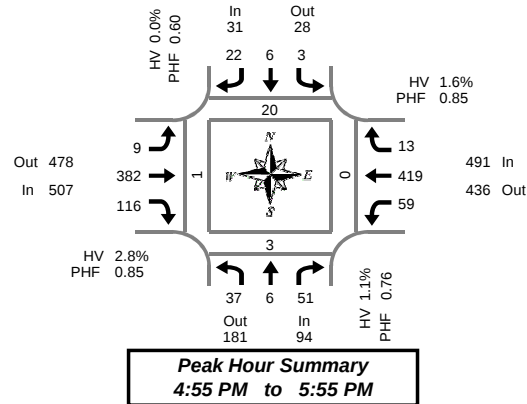


Clay Carney
(503) 833-2740

SE Fuller Rd & SE King Rd

Tuesday, July 25, 2017

4:00 PM to 6:00 PM



5-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE King Rd				Westbound SE King Rd				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	5	1	5	0	0	1	0	0	1	35	9	0	5	26	2	0	90	4	0	0	0
4:05 PM	2	0	4	0	4	0	2	0	0	31	16	0	7	36	0	0	102	4	0	0	0
4:10 PM	8	0	5	0	0	0	1	0	1	38	10	1	2	37	2	0	104	3	1	0	0
4:15 PM	4	0	4	0	1	0	1	0	1	40	11	0	8	20	0	0	90	3	0	0	0
4:20 PM	4	3	5	0	0	2	1	0	0	26	4	0	3	37	0	0	85	1	0	0	0
4:25 PM	3	0	1	0	1	0	3	0	1	30	5	0	4	26	2	0	76	0	0	0	0
4:30 PM	0	0	1	0	0	0	0	0	0	24	11	0	4	33	2	0	75	2	0	0	0
4:35 PM	1	0	4	0	0	0	1	0	0	35	12	0	3	35	6	0	97	0	0	0	0
4:40 PM	4	2	5	0	0	0	1	0	2	29	7	0	4	33	0	0	87	2	0	0	0
4:45 PM	4	0	3	0	0	1	1	1	0	45	10	0	2	39	0	0	105	1	0	0	0
4:50 PM	1	0	4	0	0	0	0	0	0	27	4	0	3	36	2	0	77	0	0	0	0
4:55 PM	2	0	2	0	0	1	1	0	0	39	10	0	3	35	1	0	94	0	0	0	0
5:00 PM	2	0	9	0	0	0	2	0	2	30	13	0	10	19	1	0	88	5	0	0	0
5:05 PM	1	0	3	0	0	0	2	0	1	36	12	0	4	37	0	0	96	2	0	0	1
5:10 PM	2	2	1	0	0	1	2	0	0	33	11	0	6	33	1	0	92	4	0	0	0
5:15 PM	1	0	6	0	0	0	1	0	0	46	10	0	4	43	0	0	111	0	0	0	0
5:20 PM	5	2	5	0	0	0	2	0	0	34	9	0	1	46	1	0	105	2	0	0	0
5:25 PM	3	0	5	0	0	1	1	0	0	30	4	0	11	39	0	0	94	1	0	0	0
5:30 PM	3	0	2	0	1	1	2	0	1	15	12	0	4	27	3	0	71	0	0	0	0
5:35 PM	3	0	4	0	0	1	4	0	1	21	11	0	4	35	0	0	84	0	2	0	0
5:40 PM	7	0	6	0	2	0	2	0	3	24	7	0	6	43	3	0	103	6	0	0	0
5:45 PM	4	2	2	0	0	1	1	0	1	44	8	0	1	34	3	0	101	0	0	0	0
5:50 PM	4	0	6	0	0	0	2	0	0	30	9	0	5	28	0	0	84	0	1	0	0
5:55 PM	5	0	3	0	0	1	1	0	1	30	6	0	4	33	3	1	87	2	0	0	1
Total Survey	78	12	95	0	9	11	34	1	16	772	221	1	108	810	32	1	2,198	41	4	0	2

15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE King Rd				Westbound SE King Rd				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	15	1	14	0	4	1	3	0	2	104	35	1	14	99	4	0	296	10	1	0	0
4:15 PM	11	3	10	0	2	2	5	0	2	96	20	0	15	83	2	0	251	4	0	0	0
4:30 PM	5	2	10	0	0	0	2	0	2	88	30	0	11	101	8	0	259	4	0	0	0
4:45 PM	7	0	9	0	0	2	2	1	0	111	24	0	8	110	3	0	276	1	0	0	0
5:00 PM	5	2	13	0	0	1	6	0	3	99	36	0	20	89	2	0	276	11	0	0	1
5:15 PM	9	2	16	0	0	1	4	0	0	110	23	0	16	128	1	0	310	3	0	0	0
5:30 PM	13	0	12	0	3	2	8	0	5	60	30	0	14	105	6	0	258	6	2	0	0
5:45 PM	13	2	11	0	0	2	4	0	2	104	23	0	10	95	6	1	272	2	1	0	1
Total Survey	78	12	95	0	9	11	34	1	16	772	221	1	108	810	32	1	2,198	41	4	0	2

Peak Hour Summary

4:55 PM to 5:55 PM

By Approach	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE King Rd				Westbound SE King Rd				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	94	181	275	0	31	28	59	0	507	478	985	0	491	436	927	0	1,123	20	3	0	1
%HV	1.1%				0.0%				2.8%				1.6%				2.0%				
PHF	0.76				0.60				0.85				0.85				0.91				

By Movement	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE King Rd				Westbound SE King Rd				Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
Volume	37	6	51	94	3	6	22	31	9	382	116	507	59	419	13	491	1,123
%HV	0.0%	0.0%	2.0%	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%	3.4%	0.9%	2.8%	3.4%	1.4%	0.0%	1.6%	2.0%
PHF	0.62	0.38	0.80	0.76	0.25	0.50	0.69	0.60	0.45	0.83	0.81	0.85	0.74	0.82	0.54	0.85	0.91

Rolling Hour Summary

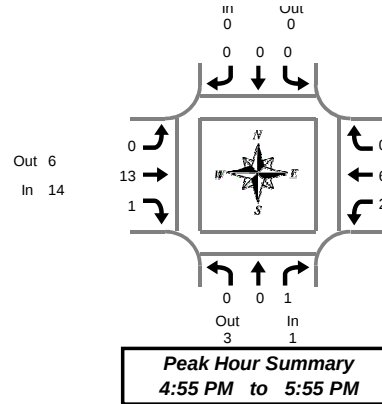
4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE King Rd				Westbound SE King Rd				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	38	6	43	0	6	5	12	1	6	399	109	1	48	393	17	0	1,082	19	1	0	0
4:15 PM	28	7	42	0	2	5	15	1	7	394	110	0	54	383	15	0	1,062	20	0	0	1
4:30 PM	26	6	48	0	0	4	14	1	5	408	113	0	55	428	14	0	1,121	19	0	0	1
4:45 PM	34	4	50	0	3	6	20	1	8	380	113	0	58	432	12	0	1,120	21	2	0	1
5:00 PM	40	6	52	0	3	6	22	0	10	373	112	0	60	417	15	1	1,116	22	3	0	2

Heavy Vehicle Summary



Clay Carney
(503) 833-2740



SE Fuller Rd & SE King Rd

Tuesday, July 25, 2017

4:00 PM to 6:00 PM

Heavy Vehicle 5-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE King Rd				Westbound SE King Rd				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2
4:05 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
4:10 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	3	0	3	4
4:15 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
4:20 PM	0	1	0	1	0	0	0	0	0	2	0	2	0	1	0	1	4
4:25 PM	0	0	0	0	1	0	0	1	0	2	0	2	0	0	0	0	3
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	2
4:35 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2
4:40 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	2
4:45 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
4:50 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	2	0	2	3
4:55 PM	0	0	0	0	0	0	0	0	0	3	0	3	0	0	0	0	3
5:00 PM	0	0	0	0	0	0	0	0	0	1	1	2	1	0	0	1	3
5:05 PM	0	0	0	0	0	0	0	0	0	2	0	2	1	1	0	2	4
5:10 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	2
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:20 PM	0	0	0	0	0	0	0	0	0	2	0	2	0	1	0	1	3
5:25 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
5:30 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	2
5:35 PM	0	0	1	1	0	0	0	0	0	1	0	1	0	0	0	0	2
5:40 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	2
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:50 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
5:55 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2
Total Survey	0	1	1	2	1	0	0	1	0	23	1	24	3	19	1	23	50

Heavy Vehicle 15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE King Rd				Westbound SE King Rd				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	0	0	0	0	0	0	0	0	0	2	0	2	0	5	0	5	7
4:15 PM	0	1	0	1	1	0	0	1	0	5	0	5	0	1	0	1	8
4:30 PM	0	0	0	0	0	0	0	0	0	1	0	1	3	1	0	5	6
4:45 PM	0	0	0	0	0	0	0	0	0	5	0	5	0	2	0	2	7
5:00 PM	0	0	0	0	0	0	0	0	0	4	1	5	2	2	0	4	9
5:15 PM	0	0	0	0	0	0	0	0	0	2	0	2	0	2	0	2	4
5:30 PM	0	0	1	1	0	0	0	0	0	3	0	3	0	2	0	2	6
5:45 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	2	0	2	3
Total Survey	0	1	1	2	1	0	0	1	0	23	1	24	3	19	1	23	50

Heavy Vehicle Peak Hour Summary

4:55 PM to 5:55 PM

By Approach	Northbound SE Fuller Rd			Southbound SE Fuller Rd			Eastbound SE King Rd			Westbound SE King Rd			Total
	In	Out	Total	In	Out	Total	In	Out	Total	In	Out	Total	
Volume	1	3	4	0	0	0	14	6	20	8	14	22	23
PHF	0.25			0.00			0.50			0.50			0.58

By Movement	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE King Rd				Westbound SE King Rd				Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
Volume	0	0	1	1	0	0	0	0	0	13	1	14	2	6	0	8	23
PHF	0.00	0.00	0.25	0.25	0.00	0.00	0.00	0.00	0.00	0.54	0.25	0.50	0.25	0.50	0.00	0.50	0.58

Heavy Vehicle Rolling Hour Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE King Rd				Westbound SE King Rd				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	0	1	0	1	1	0	0	1	0	13	0	13	1	11	1	13	28
4:15 PM	0	1	0	1	1	0	0	1	0	15	1	16	3	8	1	12	30
4:30 PM	0	0	0	0	0	0	0	0	0	12	1	13	3	9	1	13	26
4:45 PM	0	0	1	1	0	0	0	0	0	14	1	15	2	8	0	10	26
5:00 PM	0	0	1	1	0	0	0	0	0	10	1	11	2	8	0	10	22

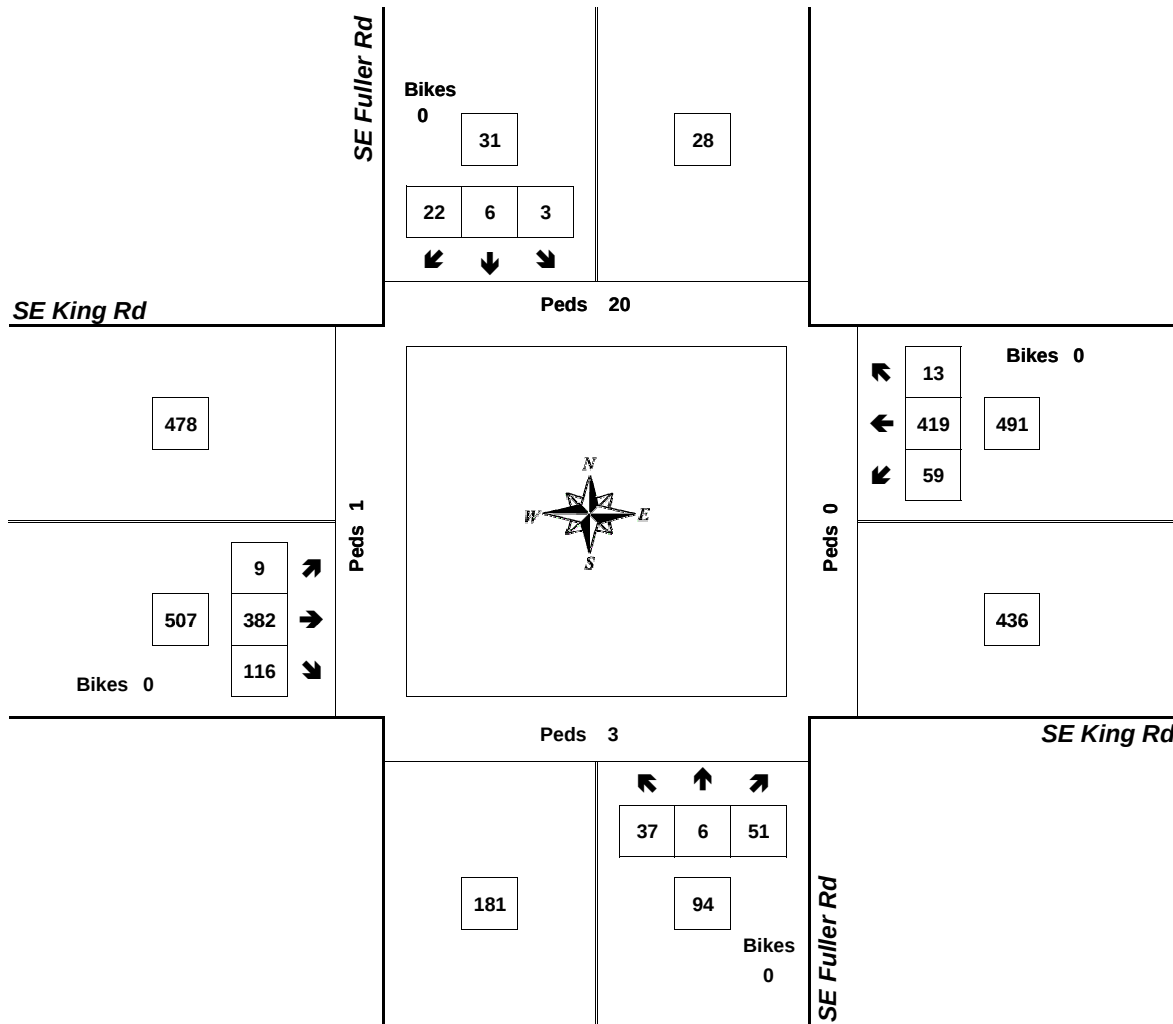
Peak Hour Summary



Clay Carney
(503) 833-2740

SE Fuller Rd & SE King Rd

4:55 PM to 5:55 PM
Tuesday, July 25, 2017



Approach	PHF	HV%	Volume
EB	0.85	2.8%	507
WB	0.85	1.6%	491
NB	0.76	1.1%	94
SB	0.60	0.0%	31
Intersection	0.91	2.0%	1,123

Count Period: 4:00 PM to 6:00 PM

Total Vehicle Summary

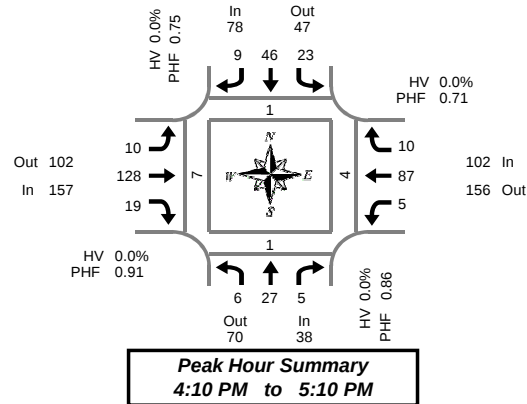


Clay Carney
(503) 833-2740

SE Home Ave & SE Monroe St

Tuesday, July 25, 2017

4:00 PM to 6:00 PM



5-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Home Ave				Southbound SE Home Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	0	3	1	0	0	7	1	0	2	6	2	0	0	5	1	0	28	0	1	1	0
4:05 PM	2	2	0	0	1	2	0	0	1	10	1	0	0	6	1	0	26	0	0	0	0
4:10 PM	0	3	0	0	2	5	0	0	1	13	1	0	2	5	1	0	33	0	0	0	0
4:15 PM	0	5	0	0	2	6	2	0	1	13	2	0	0	8	0	0	39	0	0	0	2
4:20 PM	0	1	0	0	1	5	0	0	0	10	2	0	2	6	0	0	27	1	0	0	0
4:25 PM	0	2	1	0	1	3	1	0	0	8	1	0	0	3	0	0	20	0	1	0	1
4:30 PM	0	1	0	0	1	2	4	0	2	15	2	0	0	9	1	0	37	0	0	0	2
4:35 PM	2	0	1	0	1	5	1	0	2	8	4	0	0	11	1	0	36	0	0	0	0
4:40 PM	0	3	1	0	1	2	1	0	0	7	3	0	0	3	2	0	23	0	0	0	0
4:45 PM	1	1	0	0	2	2	0	0	2	13	1	0	1	15	3	0	41	0	0	0	0
4:50 PM	1	3	1	0	3	4	0	0	0	8	0	0	0	7	0	0	27	0	0	3	0
4:55 PM	1	2	0	0	5	3	0	0	1	8	0	0	0	8	0	0	28	0	0	0	0
5:00 PM	0	2	0	0	4	7	0	0	0	12	2	1	0	8	0	0	35	0	0	1	0
5:05 PM	1	4	1	1	0	2	0	0	1	13	1	0	0	4	2	0	29	0	0	0	2
5:10 PM	0	2	1	0	2	4	1	0	1	12	1	0	0	7	2	0	33	0	0	0	0
5:15 PM	1	6	1	0	1	2	2	0	0	8	2	0	1	4	1	0	29	0	0	0	0
5:20 PM	0	2	0	0	2	4	1	0	4	9	0	0	0	5	2	0	29	0	0	0	3
5:25 PM	0	0	0	0	3	2	0	0	3	7	3	0	0	6	1	0	25	0	0	0	1
5:30 PM	0	2	0	0	3	1	0	0	0	9	5	0	2	9	1	0	32	0	0	0	0
5:35 PM	1	1	0	0	0	1	0	0	4	9	3	0	3	7	2	0	31	0	0	0	0
5:40 PM	0	1	0	0	2	2	0	0	0	9	1	0	2	12	2	0	31	0	0	0	0
5:45 PM	1	2	2	0	2	1	0	0	0	8	0	0	0	6	0	0	22	0	0	0	3
5:50 PM	0	1	0	0	4	2	1	0	3	11	1	0	0	3	0	0	26	0	0	0	0
5:55 PM	0	2	1	0	1	5	2	0	0	10	1	1	0	2	0	0	24	0	0	0	2
Total Survey	11	51	11	1	44	79	17	0	28	236	39	2	13	159	23	0	711	1	2	5	16

15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Home Ave				Southbound SE Home Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	2	8	1	0	3	14	1	0	4	29	4	0	2	16	3	0	87	0	1	1	0
4:15 PM	0	8	1	0	4	14	3	0	1	31	5	0	2	17	0	0	86	1	1	0	3
4:30 PM	2	4	2	0	3	9	6	0	4	30	9	0	0	23	4	0	96	0	0	0	2
4:45 PM	3	6	1	0	10	9	0	0	3	29	1	0	1	30	3	0	96	0	0	3	0
5:00 PM	1	8	2	1	6	13	1	0	2	37	4	1	0	19	4	0	97	0	0	1	2
5:15 PM	1	8	1	0	6	8	3	0	7	24	5	0	1	15	4	0	83	0	0	0	4
5:30 PM	1	4	0	0	5	4	0	0	4	27	9	0	7	28	5	0	94	0	0	0	0
5:45 PM	1	5	3	0	7	8	3	0	3	29	2	1	0	11	0	0	72	0	0	0	5
Total Survey	11	51	11	1	44	79	17	0	28	236	39	2	13	159	23	0	711	1	2	5	16

Peak Hour Summary

4:10 PM to 5:10 PM

By Approach	Northbound SE Home Ave				Southbound SE Home Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	38	70	108	1	78	47	125	0	157	102	259	1	102	156	258	0	375	1	1	4	7
%HV	0.0%				0.0%				0.0%				0.0%				0.0%				
PHF	0.86				0.75				0.91				0.71				0.94				

By Movement	Northbound SE Home Ave				Southbound SE Home Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
Volume	6	27	5	38	23	46	9	78	10	128	19	157	5	86	10	102	375
%HV	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PHF	0.50	0.75	0.63	0.86	0.48	0.72	0.38	0.75	0.63	0.89	0.53	0.91	0.31	0.73	0.42	0.71	0.94

Rolling Hour Summary

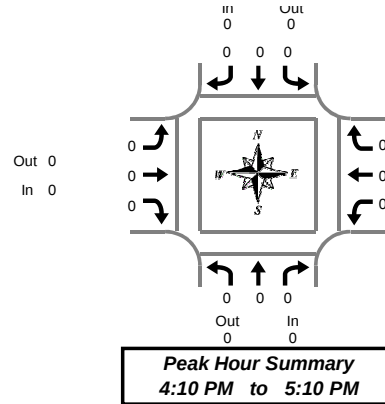
4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Home Ave				Southbound SE Home Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	7	26	5	0	20	46	10	0	12	119	19	0	5	86	10	0	365	1	2	4	5
4:15 PM	6	26	6	1	23	45	10	0	10	127	19	1	3	89	11	0	375	1	1	4	7
4:30 PM	7	26	6	1	25	39	10	0	16	120	19	1	2	87	15	0	372	0	0	4	8
4:45 PM	6	26	4	1	27	34	4	0	16	117	19	1	9	92	16	0	370	0	0	4	6
5:00 PM	4	25	6	1	24	33	7	0	16	117	20	2	8	73	13	0	346	0	0	1	11

Heavy Vehicle Summary



Clay Carney
(503) 833-2740



SE Home Ave & SE Monroe St

Tuesday, July 25, 2017

4:00 PM to 6:00 PM

Heavy Vehicle 5-Minute Interval Summary 4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Home Ave				Southbound SE Home Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:05 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
4:10 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:20 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:25 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:35 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:40 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:50 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:55 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:05 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:10 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:20 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:25 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:35 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
5:40 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:50 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:55 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Survey	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	2

Heavy Vehicle 15-Minute Interval Summary 4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Home Ave				Southbound SE Home Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Survey	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	2

Heavy Vehicle Peak Hour Summary 4:10 PM to 5:10 PM

By Approach	Northbound SE Home Ave			Southbound SE Home Ave			Eastbound SE Monroe St			Westbound SE Monroe St			Total
	In	Out	Total	In	Out	Total	In	Out	Total	In	Out	Total	
Volume	0	0	0	0	0	0	0	0	0	0	0	0	0
PHF	0.00			0.00			0.00			0.00			0.00

By Movement	Northbound SE Home Ave				Southbound SE Home Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PHF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Heavy Vehicle Rolling Hour Summary 4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Home Ave				Southbound SE Home Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
5:00 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1

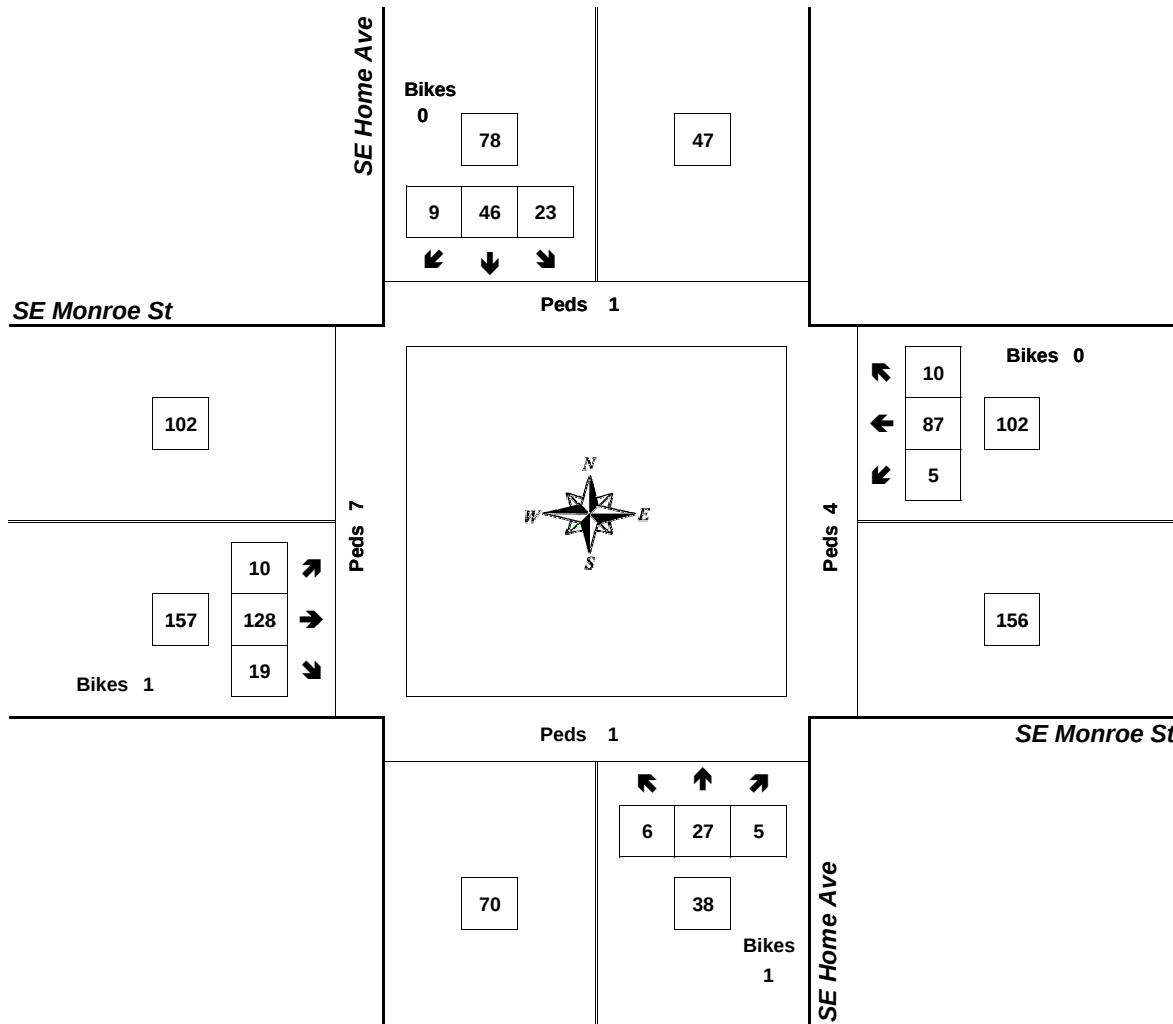
Peak Hour Summary



Clay Carney
(503) 833-2740

SE Home Ave & SE Monroe St

4:10 PM to 5:10 PM
Tuesday, July 25, 2017



Approach	PHF	HV%	Volume
EB	0.91	0.0%	157
WB	0.71	0.0%	102
NB	0.86	0.0%	38
SB	0.75	0.0%	78
Intersection	0.94	0.0%	375

Count Period: 4:00 PM to 6:00 PM

Total Vehicle Summary

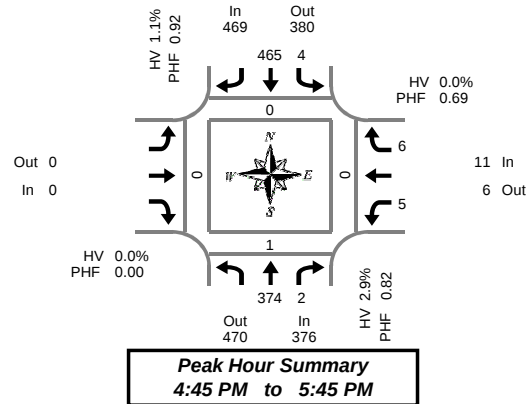


Clay Carney
(503) 833-2740

SE Linnwood Ave & SE Jack Rd

Tuesday, July 25, 2017

4:00 PM to 6:00 PM



5-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Linnwood Ave				Southbound SE Linnwood Ave				Eastbound SE Jack Rd				Westbound SE Jack Rd				Interval Total	Pedestrians Crosswalk			
	T	R	Bikes		L	T	Bikes				Bikes		L		R	Bikes		North	South	East	West
4:00 PM	34	0	1	0	38	0	0	0	0	0	0	0	0	0	0	0	72	0	0	0	0
4:05 PM	30	0	1	0	37	0	0	0	0	0	0	0	0	0	0	0	67	0	0	0	0
4:10 PM	26	0	0	0	35	0	0	0	0	0	0	0	0	0	0	0	61	0	0	1	0
4:15 PM	42	0	0	1	30	0	0	0	0	0	0	0	0	0	0	0	73	0	3	0	0
4:20 PM	24	0	0	0	32	0	0	0	0	0	0	1	0	0	0	0	57	0	1	0	0
4:25 PM	30	1	0	2	28	0	0	0	0	0	0	0	0	0	0	0	61	0	0	0	0
4:30 PM	26	1	0	0	35	1	0	0	0	0	0	0	0	0	0	0	62	0	0	0	0
4:35 PM	27	0	0	0	39	0	0	0	0	1	0	0	0	0	0	0	67	0	0	0	0
4:40 PM	28	0	1	2	34	0	0	0	0	0	0	0	0	0	0	0	64	0	0	0	0
4:45 PM	33	0	2	0	49	1	0	0	0	0	0	0	0	0	0	0	82	0	1	0	0
4:50 PM	36	0	0	0	29	1	0	0	1	1	0	0	0	0	0	0	67	0	0	0	0
4:55 PM	26	0	1	0	34	0	0	0	0	1	0	0	0	0	0	0	61	0	0	0	0
5:00 PM	19	0	1	1	36	3	0	0	0	1	0	0	0	0	0	0	57	0	0	0	0
5:05 PM	26	1	0	0	44	0	0	0	0	0	0	0	0	0	0	0	71	0	0	0	0
5:10 PM	42	1	0	0	47	1	0	0	0	1	0	0	0	0	0	0	91	0	0	0	0
5:15 PM	45	0	1	2	30	0	0	0	0	0	2	0	0	0	0	0	79	0	0	0	0
5:20 PM	24	0	0	0	39	0	0	0	0	0	1	0	0	0	0	0	64	0	0	0	0
5:25 PM	39	0	0	1	43	0	0	0	0	0	1	0	0	0	0	0	84	0	0	0	0
5:30 PM	21	0	0	0	36	1	0	0	0	0	0	0	0	0	0	0	57	0	0	0	0
5:35 PM	31	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	65	0	0	0	0
5:40 PM	32	0	0	0	44	0	0	0	0	1	0	0	0	0	0	0	78	0	0	0	0
5:45 PM	22	0	0	0	38	0	0	0	0	0	0	0	0	0	0	0	60	0	0	0	0
5:50 PM	34	0	1	0	31	0	0	0	0	0	0	0	0	0	0	0	65	0	0	0	0
5:55 PM	24	0	1	0	30	0	0	0	0	1	0	0	0	0	0	0	56	0	0	0	0
Total Survey	721	4	10	9	872	8	0	0	0	7	8	0	1,621	0	5	1	0	0	0	0	0

15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Linnwood Ave				Southbound SE Linnwood Ave				Eastbound SE Jack Rd				Westbound SE Jack Rd				Interval Total	Pedestrians Crosswalk			
	T	R	Bikes		L	T	Bikes				Bikes		L		R	Bikes		North	South	East	West
4:00 PM	90	0	2	0	110	0	0	0	0	0	0	0	0	0	0	0	200	0	0	1	0
4:15 PM	96	1	0	3	90	0	0	0	0	0	0	1	0	0	0	0	191	0	4	0	0
4:30 PM	81	1	1	2	108	1	0	0	0	1	0	0	0	0	0	0	193	0	0	0	0
4:45 PM	95	0	3	0	112	2	0	0	0	2	1	0	0	0	0	0	210	0	1	0	0
5:00 PM	87	2	1	1	127	4	0	0	0	2	0	0	0	0	0	0	219	0	0	0	0
5:15 PM	108	0	1	3	112	0	0	0	0	0	4	0	0	0	0	0	227	0	0	0	0
5:30 PM	84	0	0	0	114	1	0	0	0	1	1	0	0	0	0	0	200	0	0	0	0
5:45 PM	80	0	2	0	99	0	0	0	0	1	1	0	0	0	0	0	181	0	0	0	0
Total Survey	721	4	10	9	872	8	0	0	0	7	8	0	1,621	0	5	1	0	0	0	0	0

Peak Hour Summary

4:45 PM to 5:45 PM

By Approach	Northbound SE Linnwood Ave				Southbound SE Linnwood Ave				Eastbound SE Jack Rd				Westbound SE Jack Rd				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	376	470	846	5	469	380	849	7	0	0	0	0	11	6	17	0	856	0	1	0	0
%HV	2.9%				1.1%				0.0%				0.0%				1.9%				
PHF	0.82				0.92				0.00				0.69				0.89				

By Movement	Northbound SE Linnwood Ave				Southbound SE Linnwood Ave				Eastbound SE Jack Rd				Westbound SE Jack Rd				Total
	T	R	Total	L	T	Total			Total	L			R	Total			
Volume	374	2	376	4	465	469			0	5			6	11			856
%HV	NA	2.9%	0.0%	2.9%	0.0%	1.1%	NA	1.1%	NA	NA	NA	0.0%	0.0%	NA	0.0%	0.0%	1.9%
PHF	0.83	0.25	0.82	0.33	0.92	0.92			0.00	0.42			0.38	0.69			0.89

Rolling Hour Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Linnwood Ave				Southbound SE Linnwood Ave				Eastbound SE Jack Rd				Westbound SE Jack Rd				Interval Total	Pedestrians Crosswalk			
	T	R	Bikes		L	T	Bikes				Bikes		L		R	Bikes		North	South	East	West
4:00 PM	362	2	6	5	420	3	0	0	0	3	2	0	0	0	0	0	794	0	5	1	0
4:15 PM	359	4	5	6	437	7	0	0	0	5	2	0	0	0	0	0	813	0	5	0	0
4:30 PM	371	3	6	6	459	7	0	0	0	5	5	0	0	0	0	0	849	0	1	0	0
4:45 PM	374	2	5	4	465	7	0	0	0	5	6	0	0	0	0	0	856	0	1	0	0
5:00 PM	359	2	4	4	452	5	0	0	0	4	6	0	0	0	0	0	827	0	0	0	0

Heavy Vehicle Summary

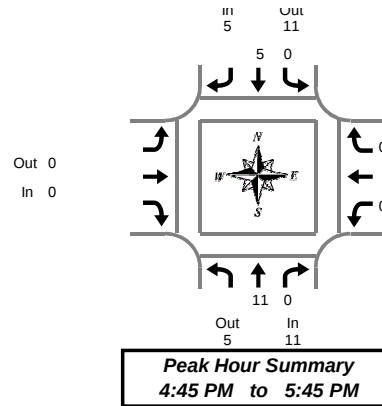


Clay Carney
(503) 833-2740

SE Linnwood Ave & SE Jack Rd

Tuesday, July 25, 2017

4:00 PM to 6:00 PM



Heavy Vehicle 5-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Linnwood Ave			Southbound SE Linnwood Ave			Eastbound SE Jack Rd			Westbound SE Jack Rd			Interval Total	
	T	R	Total	L	T	Total			Total	L		R		Total
4:00 PM	0	0	0	0	3	3			0	0		0	0	3
4:05 PM	0	0	0	0	0	0			0	0		0	0	0
4:10 PM	2	0	2	0	3	3			0	0		0	0	5
4:15 PM	1	0	1	0	0	0			0	0		0	0	1
4:20 PM	0	0	0	0	0	0			0	0		0	0	0
4:25 PM	0	1	1	0	0	0			0	0		0	0	1
4:30 PM	1	0	1	0	1	1			0	0		0	0	2
4:35 PM	0	0	0	0	2	2			0	0		0	0	2
4:40 PM	0	0	0	0	0	0			0	0		0	0	0
4:45 PM	0	0	0	0	1	1			0	0		0	0	1
4:50 PM	1	0	1	0	1	1			0	0		0	0	2
4:55 PM	3	0	3	0	0	0			0	0		0	0	3
5:00 PM	0	0	0	0	0	0			0	0		0	0	0
5:05 PM	1	0	1	0	0	0			0	0		0	0	1
5:10 PM	1	0	1	0	1	1			0	0		0	0	2
5:15 PM	1	0	1	0	0	0			0	0		0	0	1
5:20 PM	0	0	0	0	1	1			0	0		0	0	1
5:25 PM	1	0	1	0	0	0			0	0		0	0	1
5:30 PM	1	0	1	0	1	1			0	0		0	0	2
5:35 PM	0	0	0	0	0	0			0	0		0	0	0
5:40 PM	2	0	2	0	0	0			0	0		0	0	2
5:45 PM	0	0	0	0	0	0			0	0		0	0	0
5:50 PM	0	0	0	0	0	0			0	0		0	0	0
5:55 PM	0	0	0	0	0	0			0	0		0	0	0
Total Survey	15	1	16	0	14	14			0	0		0	0	30

Heavy Vehicle 15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Linnwood Ave				Southbound SE Linnwood Ave			Eastbound SE Jack Rd			Westbound SE Jack Rd			Interval Total
	T	R	Total	L	T	Total		Total	L	R	Total			
4:00 PM	2	0	2	0	6	6		0	0		0	0	8	
4:15 PM	1	1	2	0	0	0		0	0		0	0	2	
4:30 PM	1	0	1	0	3	3		0	0		0	0	4	
4:45 PM	4	0	4	0	2	2		0	0		0	0	6	
5:00 PM	2	0	2	0	1	1		0	0		0	0	3	
5:15 PM	2	0	2	0	1	1		0	0		0	0	3	
5:30 PM	3	0	3	0	1	1		0	0		0	0	4	
5:45 PM	0	0	0	0	0	0		0	0		0	0	0	
Total Survey	15	1	16	0	14	14		0	0		0	0	30	

Heavy Vehicle Peak Hour Summary

4:45 PM to 5:45 PM

By Approach	Northbound SE Linnwood Ave			Southbound SE Linnwood Ave			Eastbound SE Jack Rd			Westbound SE Jack Rd			Total
	In	Out	Total	In	Out	Total	In	Out	Total	In	Out	Total	
Volume	11	5	16	5	11	16	0	0	0	0	0	0	16
PHF	0.69			0.63			0.00			0.00			0.67

By Movement	Northbound SE Linnwood Ave			Southbound SE Linnwood Ave			Eastbound SE Jack Rd			Westbound SE Jack Rd			Total
	T	R	Total	L	T	Total		Total	L	R	Total		
Volume	11	0	11	0	5	5		0	0		0	0	16
PHF	0.69	0.00	0.69	0.00	0.63	0.63		0.00	0.00		0.00	0.00	0.67

Heavy Vehicle Rolling Hour Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Linnwood Ave			Southbound SE Linnwood Ave			Eastbound SE Jack Rd			Westbound SE Jack Rd			Interval Total	
	T	R	Total	L	T	Total			Total	L		R		Total
4:00 PM	8	1	9	0	11	11			0	0		0	0	20
4:15 PM	8	1	9	0	6	6			0	0		0	0	15
4:30 PM	9	0	9	0	7	7			0	0		0	0	16
4:45 PM	11	0	11	0	5	5			0	0		0	0	16
5:00 PM	7	0	7	0	3	3			0	0		0	0	10

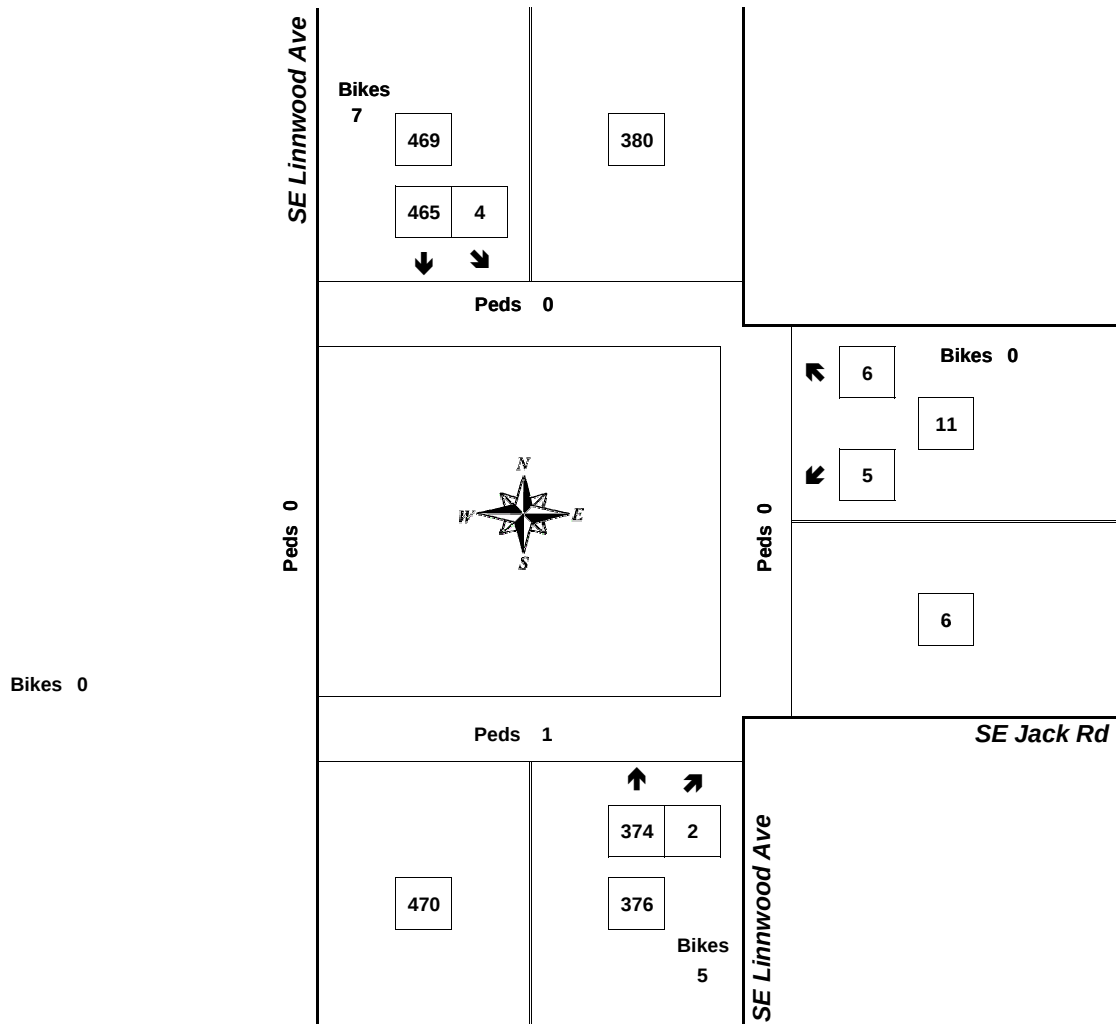
Peak Hour Summary



Clay Carney
(503) 833-2740

SE Linnwood Ave & SE Jack Rd

4:45 PM to 5:45 PM
Tuesday, July 25, 2017



Approach	PHF	HV%	Volume
EB	0.00	0.0%	0
WB	0.69	0.0%	11
NB	0.82	2.9%	376
SB	0.92	1.1%	469
Intersection	0.89	1.9%	856

Count Period: 4:00 PM to 6:00 PM

Total Vehicle Summary

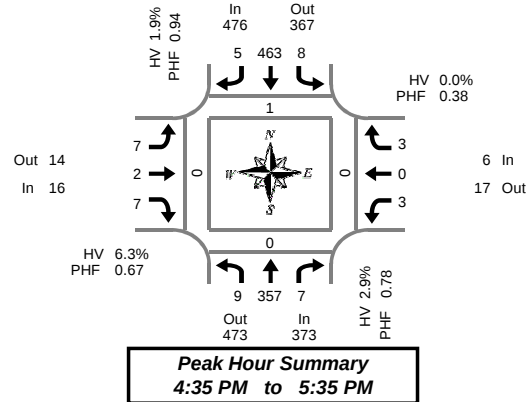


Clay Carney
(503) 833-2740

SE Linnwood Ave & SE Queen Rd

Tuesday, July 25, 2017

4:00 PM to 6:00 PM



5-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Linnwood Ave				Southbound SE Linnwood Ave				Eastbound SE Queen Rd				Westbound SE Queen Rd				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	1	33	1	1	0	39	0	0	0	0	0	0	0	0	0	0	74	0	0	0	0
4:05 PM	1	32	1	0	2	37	0	0	0	0	0	0	0	0	3	0	76	0	0	0	0
4:10 PM	0	28	0	1	1	29	0	0	1	0	0	0	0	0	0	0	59	0	0	0	0
4:15 PM	1	36	1	0	0	42	0	0	1	0	1	0	0	0	0	0	82	0	0	0	0
4:20 PM	0	32	0	0	1	29	0	0	0	0	0	0	0	0	1	0	63	0	1	0	0
4:25 PM	0	29	0	0	0	31	0	0	0	0	0	0	1	0	0	0	61	0	0	0	0
4:30 PM	0	18	0	0	0	24	0	0	1	0	2	0	0	0	2	0	47	0	0	0	0
4:35 PM	0	32	0	0	3	38	0	0	0	0	1	0	0	0	1	0	75	0	0	0	0
4:40 PM	0	27	1	1	0	43	0	0	0	0	1	0	0	0	0	0	72	0	0	0	0
4:45 PM	0	27	0	2	0	41	1	0	0	0	0	0	0	0	0	0	69	0	0	0	0
4:50 PM	2	35	3	0	1	35	0	1	0	1	0	0	0	0	0	0	77	0	0	0	0
4:55 PM	1	26	1	1	0	35	0	0	0	0	1	0	1	0	0	0	65	0	0	0	0
5:00 PM	1	17	0	0	1	30	0	0	2	0	0	0	1	0	1	0	53	0	0	0	0
5:05 PM	0	28	0	1	0	45	2	0	1	0	2	0	0	0	0	0	78	0	0	0	0
5:10 PM	1	31	0	0	0	43	1	0	1	0	0	0	1	0	1	0	79	0	0	0	0
5:15 PM	3	49	1	1	2	29	0	0	1	0	1	0	0	0	0	0	86	0	0	0	0
5:20 PM	0	34	0	0	1	34	0	0	0	0	0	0	0	0	0	0	69	1	0	0	0
5:25 PM	1	28	0	0	0	51	0	0	2	0	1	1	0	0	0	0	83	0	0	0	0
5:30 PM	0	23	1	0	0	39	1	0	0	1	0	0	0	0	0	0	65	0	0	0	0
5:35 PM	1	28	0	0	0	31	0	1	0	0	0	0	0	0	0	0	60	0	0	0	0
5:40 PM	1	36	1	0	0	41	0	0	0	0	1	0	0	0	1	0	81	0	0	0	0
5:45 PM	0	19	1	0	0	34	0	0	1	0	2	0	0	0	0	0	57	0	0	0	0
5:50 PM	1	38	0	1	0	35	0	0	1	0	0	0	0	0	0	0	75	0	0	0	0
5:55 PM	0	14	0	1	0	32	0	0	1	0	2	0	0	0	0	0	49	0	0	0	0
Total Survey	15	700	12	10	12	867	5	2	13	2	15	1	4	0	10	0	1,655	1	1	0	0

15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Linnwood Ave				Southbound SE Linnwood Ave				Eastbound SE Queen Rd				Westbound SE Queen Rd				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	2	93	2	2	3	105	0	0	1	0	0	0	0	0	3	0	209	0	0	0	0
4:15 PM	1	97	1	0	1	102	0	0	1	0	1	0	1	0	1	0	206	0	1	0	0
4:30 PM	0	77	1	1	3	105	0	0	1	0	4	0	0	0	3	0	194	0	0	0	0
4:45 PM	3	88	4	3	1	111	1	1	0	1	1	0	1	0	0	0	211	0	0	0	0
5:00 PM	2	76	0	1	1	118	3	0	4	0	2	0	2	0	2	0	210	0	0	0	0
5:15 PM	4	111	1	1	3	114	0	0	3	0	2	1	0	0	0	0	238	1	0	0	0
5:30 PM	2	87	2	0	0	111	1	1	0	1	1	0	0	0	1	0	206	0	0	0	0
5:45 PM	1	71	1	2	0	101	0	0	3	0	4	0	0	0	0	0	181	0	0	0	0
Total Survey	15	700	12	10	12	867	5	2	13	2	15	1	4	0	10	0	1,655	1	1	0	0

Peak Hour Summary

4:35 PM to 5:35 PM

By Approach	Northbound SE Linnwood Ave				Southbound SE Linnwood Ave				Eastbound SE Queen Rd				Westbound SE Queen Rd				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	373	473	846	6	476	367	843	1	16	14	30	1	6	17	23	0	871	1	0	0	0
%HV	2.9%				1.9%				6.3%				0.0%				2.4%				
PHF	0.78				0.94				0.67				0.38				0.90				

By Movement	Northbound SE Linnwood Ave				Southbound SE Linnwood Ave				Eastbound SE Queen Rd				Westbound SE Queen Rd				Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
Volume	9	357	7	373	8	463	5	476	7	2	7	16	3	0	3	6	871
%HV	0.0%	3.1%	0.0%	2.9%	12.5%	1.7%	0.0%	1.9%	14.3%	0.0%	0.0%	6.3%	0.0%	0.0%	0.0%	0.0%	2.4%
PHF	0.56	0.78	0.44	0.78	0.67	0.93	0.42	0.94	0.44	0.50	0.58	0.67	0.38	0.00	0.38	0.38	0.90

Rolling Hour Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Linnwood Ave				Southbound SE Linnwood Ave				Eastbound SE Queen Rd				Westbound SE Queen Rd				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	6	355	8	6	8	423	1	1	3	1	6	0	2	0	7	0	820	0	1	0	0
4:15 PM	6	338	6	5	6	436	4	1	6	1	8	0	4	0	6	0	821	0	1	0	0
4:30 PM	9	352	6	6	8	448	4	1	8	1	9	1	3	0	5	0	853	1	0	0	0
4:45 PM	11	362	7	5	5	454	5	2	7	2	6	1	3	0	3	0	865	1	0	0	0
5:00 PM	9	345	4	4	4	444	4	1	10	1	9	1	2	0	3	0	835	1	0	0	0

Heavy Vehicle Summary

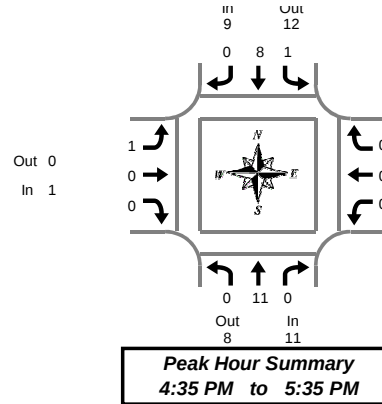


Clay Carney
(503) 833-2740

SE Linnwood Ave & SE Queen Rd

Tuesday, July 25, 2017

4:00 PM to 6:00 PM



Heavy Vehicle 5-Minute Interval Summary 4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Linnwood Ave				Southbound SE Linnwood Ave				Eastbound SE Queen Rd				Westbound SE Queen Rd				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2
4:05 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
4:10 PM	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2
4:15 PM	0	2	0	2	0	2	0	2	0	0	0	0	0	0	0	0	4
4:20 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:25 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	1	2
4:35 PM	0	1	0	1	0	2	0	2	0	0	0	0	0	0	0	0	3
4:40 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2
4:50 PM	0	1	0	1	0	2	0	2	0	0	0	0	0	0	0	0	3
4:55 PM	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2
5:00 PM	0	2	0	2	1	0	0	1	0	0	0	0	0	0	0	0	3
5:05 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
5:10 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
5:15 PM	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2
5:20 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
5:25 PM	0	1	0	1	0	0	0	0	1	0	0	1	0	0	0	0	2
5:30 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
5:35 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:40 PM	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:50 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:55 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Survey	0	16	0	16	1	15	0	16	1	0	0	1	0	0	1	1	34

Heavy Vehicle 15-Minute Interval Summary 4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Linnwood Ave				Southbound SE Linnwood Ave				Eastbound SE Queen Rd				Westbound SE Queen Rd				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	0	1	0	1	0	4	0	4	0	0	0	0	0	0	0	0	5
4:15 PM	0	2	0	2	0	2	0	2	0	0	0	0	0	0	0	0	4
4:30 PM	0	1	0	1	0	3	0	3	0	0	0	0	0	0	1	1	5
4:45 PM	0	3	0	3	0	4	0	4	0	0	0	0	0	0	0	0	7
5:00 PM	0	4	0	4	1	0	0	1	0	0	0	0	0	0	0	0	5
5:15 PM	0	2	0	2	0	2	0	2	1	0	0	1	0	0	0	0	5
5:30 PM	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Survey	0	16	0	16	1	15	0	16	1	0	0	1	0	0	1	1	34

Heavy Vehicle Peak Hour Summary 4:35 PM to 5:35 PM

By Approach	Northbound SE Linnwood Ave			Southbound SE Linnwood Ave			Eastbound SE Queen Rd			Westbound SE Queen Rd			Total
	In	Out	Total	In	Out	Total	In	Out	Total	In	Out	Total	
Volume	11	8	19	9	12	21	1	0	1	0	1	1	21
PHF	0.69			0.56			0.25			0.00			0.66

By Movement	Northbound SE Linnwood Ave				Southbound SE Linnwood Ave				Eastbound SE Queen Rd				Westbound SE Queen Rd				Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
Volume	0	11	0	11	1	8	0	9	1	0	0	1	0	0	0	0	21
PHF	0.00	0.69	0.00	0.69	0.25	0.50	0.00	0.56	0.25	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.66

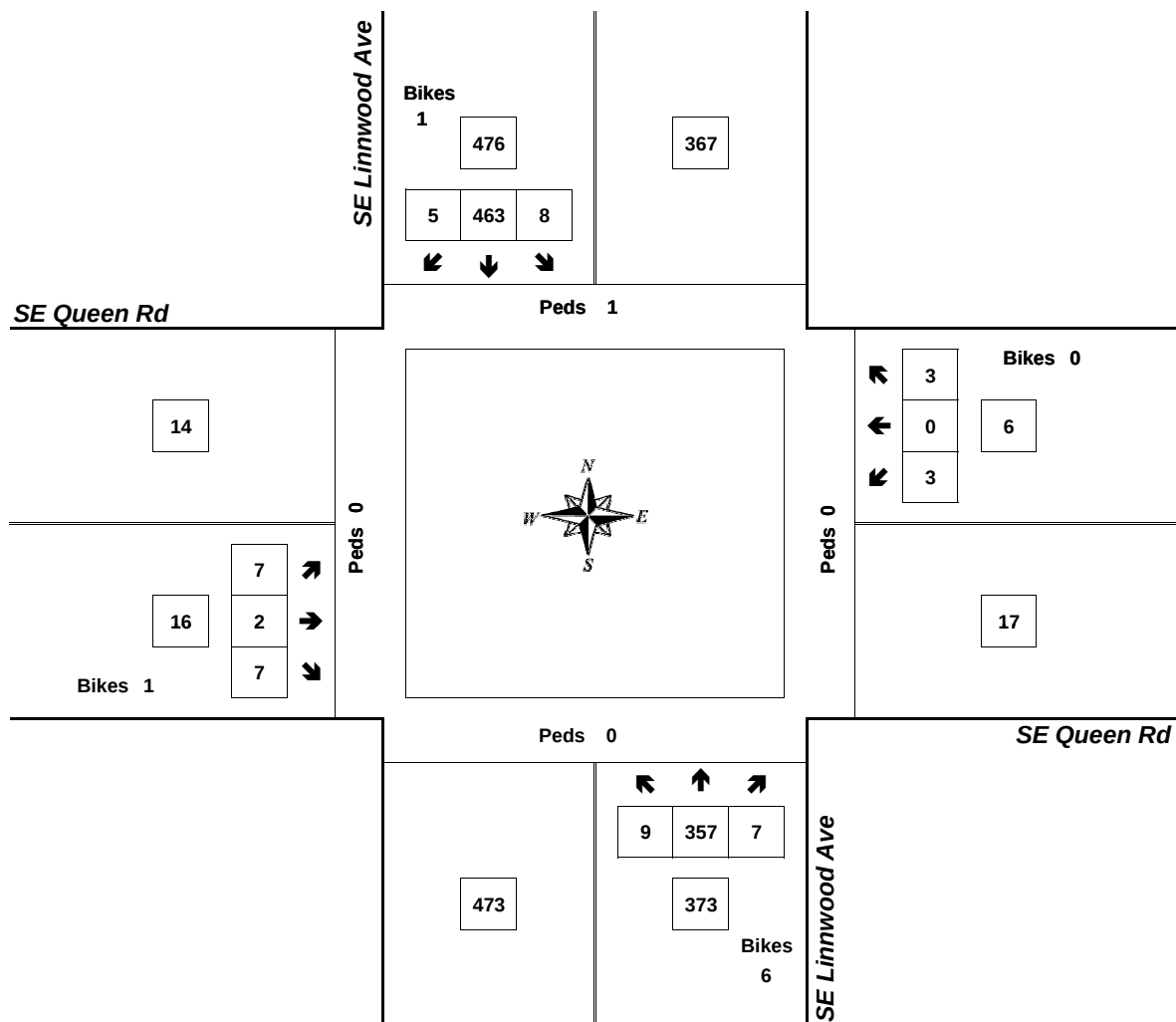
Heavy Vehicle Rolling Hour Summary 4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Linnwood Ave				Southbound SE Linnwood Ave				Eastbound SE Queen Rd				Westbound SE Queen Rd				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	0	7	0	7	0	13	0	13	0	0	0	0	0	0	1	1	21
4:15 PM	0	10	0	10	1	9	0	10	0	0	0	0	0	0	1	1	21
4:30 PM	0	10	0	10	1	9	0	10	1	0	0	1	0	0	1	1	22
4:45 PM	0	12	0	12	1	6	0	7	1	0	0	1	0	0	0	0	20
5:00 PM	0	9	0	9	1	2	0	3	1	0	0	1	0	0	0	0	13

All Traffic Data
Services Inc.

SE Linnwood Ave & SE Queen Rd

Tuesday, July 25, 2017



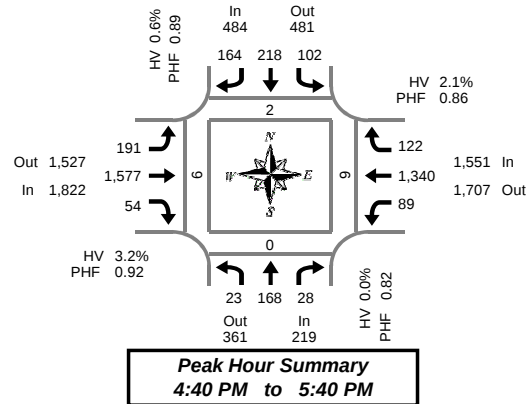
Approach	PHF	HV%	Volume
EB	0.67	6.3%	16
WB	0.38	0.0%	6
NB	0.78	2.9%	373
SB	0.94	1.9%	476
Intersection	0.90	2.4%	871

Count Period: 4:00 PM to 6:00 PM

Total Vehicle Summary



Clay Carney
(503) 833-2740



SE Oak St & Hwy 224

Tuesday, July 25, 2017

4:00 PM to 6:00 PM

5-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Oak St				Southbound SE Oak St				Eastbound Hwy 224				Westbound Hwy 224				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	1	17	2	0	15	11	8	1	17	124	6	0	5	89	11	0	306	1	0	0	1
4:05 PM	2	9	6	0	8	13	7	0	15	130	4	0	3	97	11	0	305	0	0	0	1
4:10 PM	3	20	1	0	10	19	16	1	20	120	3	0	8	96	8	0	324	0	0	0	0
4:15 PM	0	8	4	0	5	13	15	0	14	144	2	0	0	135	16	0	356	0	0	0	0
4:20 PM	1	13	8	0	17	15	12	0	15	93	4	0	3	71	7	0	259	0	0	3	1
4:25 PM	0	9	6	1	5	12	13	0	12	119	2	0	11	134	12	0	335	0	0	0	0
4:30 PM	3	19	0	0	14	25	15	0	18	136	3	0	5	82	11	0	331	0	0	1	0
4:35 PM	5	8	4	0	5	26	16	0	10	110	8	0	10	87	10	0	299	3	0	0	2
4:40 PM	4	23	1	0	13	20	11	0	29	119	1	0	6	100	10	0	337	0	0	1	0
4:45 PM	1	11	1	0	9	17	14	0	20	151	7	0	7	127	12	0	377	0	0	1	1
4:50 PM	2	17	7	0	10	20	16	1	18	112	6	0	6	82	8	0	304	0	0	1	0
4:55 PM	2	14	2	0	5	21	11	0	10	126	3	0	11	105	11	0	321	0	0	1	0
5:00 PM	1	9	2	0	11	14	14	0	19	129	4	0	4	99	10	0	316	0	0	1	1
5:05 PM	2	17	1	0	7	15	10	0	12	137	4	0	9	141	11	0	366	0	0	1	0
5:10 PM	2	10	2	0	8	19	10	0	19	114	6	0	6	111	8	0	315	0	0	0	0
5:15 PM	0	6	1	0	7	16	18	0	5	142	6	0	7	151	7	0	366	0	0	1	0
5:20 PM	3	18	6	0	10	24	17	0	15	107	4	0	7	75	5	0	291	0	0	1	1
5:25 PM	1	18	1	0	7	18	12	0	7	138	2	0	10	124	10	0	348	2	0	1	1
5:30 PM	1	13	2	0	5	23	20	0	21	143	4	0	4	99	15	1	350	0	0	0	2
5:35 PM	4	12	2	0	10	11	11	0	16	159	7	0	12	126	15	0	385	0	0	0	0
5:40 PM	3	20	3	0	10	16	14	0	11	124	2	0	5	60	7	0	275	0	0	1	0
5:45 PM	0	13	2	2	7	15	11	0	8	156	5	0	9	140	9	0	375	0	0	1	0
5:50 PM	6	19	2	0	4	16	11	0	13	107	3	0	0	67	16	0	264	0	0	0	0
5:55 PM	2	10	3	0	6	10	14	0	15	115	4	0	4	93	9	0	285	0	0	0	0
Total Survey	49	333	69	3	208	409	316	3	359	3,055	100	0	152	2,491	249	1	7,790	6	0	15	11

15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Oak St				Southbound SE Oak St				Eastbound Hwy 224				Westbound Hwy 224				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	6	46	9	0	33	43	31	2	52	374	13	0	16	282	30	0	935	1	0	0	2
4:15 PM	1	30	18	1	27	40	40	0	41	356	8	0	14	340	35	0	950	0	0	3	1
4:30 PM	12	50	5	0	32	71	42	0	57	365	12	0	21	269	31	0	967	3	0	2	2
4:45 PM	5	42	10	0	24	58	41	1	48	389	16	0	24	314	31	0	1,002	0	0	3	1
5:00 PM	5	36	5	0	26	48	34	0	50	380	14	0	19	351	29	0	997	0	0	2	1
5:15 PM	4	42	8	0	24	58	47	0	27	387	12	0	24	350	22	0	1,005	2	0	3	2
5:30 PM	8	45	7	0	25	50	45	0	48	426	13	0	21	285	37	1	1,010	0	0	1	2
5:45 PM	8	42	7	2	17	41	36	0	36	378	12	0	13	300	34	0	924	0	0	1	0
Total Survey	49	333	69	3	208	409	316	3	359	3,055	100	0	152	2,491	249	1	7,790	6	0	15	11

Peak Hour Summary

4:40 PM to 5:40 PM

By Approach	Northbound SE Oak St				Southbound SE Oak St				Eastbound Hwy 224				Westbound Hwy 224				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	219	361	580	0	484	481	965	1	1,822	1,527	3,349	0	1,551	1,707	3,258	1	4,076	2	0	9	6
%HV	0.0%				0.6%				3.2%				2.1%				2.3%				
PHF	0.82				0.89				0.92				0.86				0.94				

By Movement	Northbound SE Oak St				Southbound SE Oak St				Eastbound Hwy 224				Westbound Hwy 224				Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
Volume	23	168	28	219	102	218	164	484	191	1,577	54	1,822	89	1,340	122	1,551	4,076
%HV	0.0%	0.0%	0.0%	0.0%	2.0%	0.0%	0.6%	0.6%	1.6%	3.4%	1.9%	3.2%	2.2%	2.2%	0.8%	2.1%	2.3%
PHF	0.82	0.82	0.64	0.82	0.80	0.84	0.84	0.89	0.71	0.90	0.84	0.92	0.86	0.83	0.76	0.86	0.94

Rolling Hour Summary

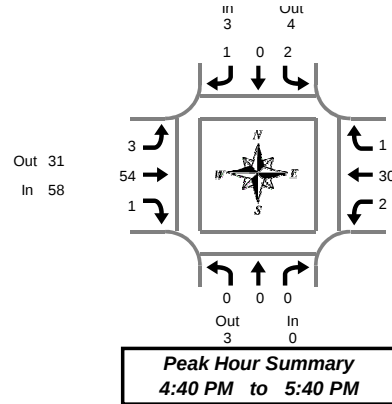
4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Oak St				Southbound SE Oak St				Eastbound Hwy 224				Westbound Hwy 224				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	24	168	42	1	116	212	154	3	198	1,484	49	0	75	1,205	127	0	3,854	4	0	8	6
4:15 PM	23	158	38	1	109	217	157	1	196	1,490	50	0	78	1,274	126	0	3,916	3	0	10	5
4:30 PM	26	170	28	0	106	235	164	1	182	1,521	54	0	88	1,284	113	0	3,971	5	0	10	6
4:45 PM	22	165	30	0	99	214	167	1	173	1,582	55	0	88	1,300	119	1	4,014	2	0	9	6
5:00 PM	25	165	27	2	92	197	162	0	161	1,571	51	0	77	1,286	122	1	3,936	2	0	7	5

Heavy Vehicle Summary



Clay Carney
(503) 833-2740



SE Oak St & Hwy 224

Tuesday, July 25, 2017

4:00 PM to 6:00 PM

Heavy Vehicle 5-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Oak St				Southbound SE Oak St				Eastbound Hwy 224				Westbound Hwy 224				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	0	0	0	0	0	0	0	0	1	3	0	4	0	2	0	2	6
4:05 PM	0	0	1	1	0	0	0	0	1	3	0	4	0	4	0	4	9
4:10 PM	1	0	0	1	0	0	0	0	0	3	0	3	0	3	1	4	8
4:15 PM	0	0	0	0	0	0	0	0	0	3	0	3	0	2	0	2	5
4:20 PM	0	0	0	0	1	0	1	2	0	4	0	4	0	1	0	1	7
4:25 PM	0	0	1	1	0	0	0	0	0	4	0	4	0	8	0	8	13
4:30 PM	0	0	0	0	0	0	1	1	0	4	0	4	0	2	0	2	7
4:35 PM	0	0	0	0	0	0	0	0	0	6	0	6	0	3	0	3	9
4:40 PM	0	0	0	0	0	0	0	0	1	5	0	6	0	2	0	2	8
4:45 PM	0	0	0	0	0	0	0	0	0	7	0	7	0	1	0	1	8
4:50 PM	0	0	0	0	0	0	0	0	0	3	0	3	0	1	0	1	4
4:55 PM	0	0	0	0	0	0	0	0	0	2	0	2	2	4	0	6	8
5:00 PM	0	0	0	0	0	0	0	0	1	3	0	4	0	2	0	2	6
5:05 PM	0	0	0	0	1	0	0	1	0	4	0	4	0	3	0	3	8
5:10 PM	0	0	0	0	0	0	0	0	0	11	0	11	0	1	0	1	12
5:15 PM	0	0	0	0	0	0	0	0	0	3	1	4	0	2	1	3	7
5:20 PM	0	0	0	0	0	0	1	1	0	6	0	6	0	7	0	7	14
5:25 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	3	0	3	4
5:30 PM	0	0	0	0	0	0	0	0	1	6	0	7	0	3	0	3	10
5:35 PM	0	0	0	0	1	0	0	1	0	3	0	3	0	1	0	1	5
5:40 PM	0	0	0	0	0	0	0	0	0	2	0	2	0	3	0	3	5
5:45 PM	0	0	0	0	0	0	1	1	0	3	0	3	0	6	0	6	10
5:50 PM	0	0	0	0	0	0	0	0	0	4	0	4	0	1	0	1	5
5:55 PM	0	0	0	0	0	0	0	0	0	4	0	4	0	3	0	3	7
Total Survey	1	0	2	3	3	0	4	7	5	97	1	103	2	68	2	72	185

Heavy Vehicle 15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Oak St				Southbound SE Oak St				Eastbound Hwy 224				Westbound Hwy 224				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	1	0	1	2	0	0	0	0	2	9	0	11	0	9	1	10	23
4:15 PM	0	0	1	1	1	0	1	2	0	11	0	11	0	11	0	11	25
4:30 PM	0	0	0	0	0	0	1	1	1	15	0	16	0	7	0	7	24
4:45 PM	0	0	0	0	0	0	0	0	0	12	0	12	2	6	0	8	20
5:00 PM	0	0	0	0	1	0	0	1	1	18	0	19	0	6	0	6	26
5:15 PM	0	0	0	0	0	0	1	1	0	10	1	11	0	12	1	13	25
5:30 PM	0	0	0	0	1	0	0	1	1	11	0	12	0	7	0	7	20
5:45 PM	0	0	0	0	0	0	1	1	0	11	0	11	0	10	0	10	22
Total Survey	1	0	2	3	3	0	4	7	5	97	1	103	2	68	2	72	185

Heavy Vehicle Peak Hour Summary

4:40 PM to 5:40 PM

By Approach	Northbound SE Oak St			Southbound SE Oak St			Eastbound Hwy 224			Westbound Hwy 224			Total
	In	Out	Total	In	Out	Total	In	Out	Total	In	Out	Total	
Volume	0	3	3	3	4	7	58	31	89	33	56	89	94
PHF	0.00			0.75			0.69			0.63			0.71

By Movement	Northbound SE Oak St				Southbound SE Oak St				Eastbound Hwy 224				Westbound Hwy 224				Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
Volume	0	0	0	0	2	0	1	3	3	54	1	58	2	30	1	33	94
PHF	0.00	0.00	0.00	0.00	0.50	0.00	0.25	0.75	0.75	0.68	0.25	0.69	0.25	0.58	0.25	0.63	0.71

Heavy Vehicle Rolling Hour Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Oak St				Southbound SE Oak St				Eastbound Hwy 224				Westbound Hwy 224				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	1	0	2	3	1	0	2	3	3	47	0	50	2	33	1	36	92
4:15 PM	0	0	1	1	2	0	2	4	2	56	0	58	2	30	0	32	95
4:30 PM	0	0	0	0	1	0	2	3	2	55	1	58	2	31	1	34	95
4:45 PM	0	0	0	0	2	0	1	3	2	51	1	54	2	31	1	34	91
5:00 PM	0	0	0	0	2	0	2	4	2	50	1	53	0	35	1	36	93

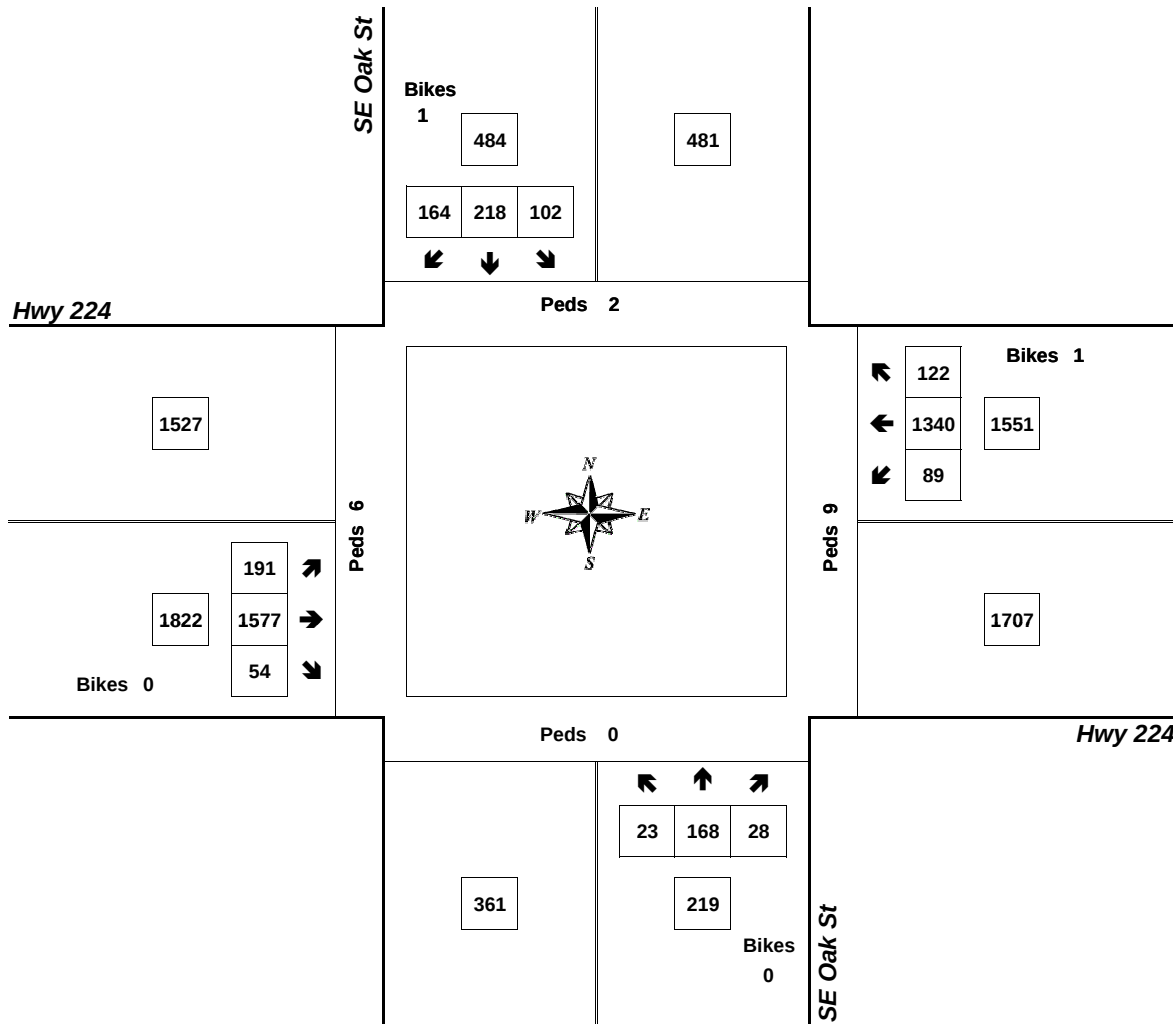
Peak Hour Summary



Clay Carney
(503) 833-2740

SE Oak St & Hwy 224

4:40 PM to 5:40 PM
Tuesday, July 25, 2017

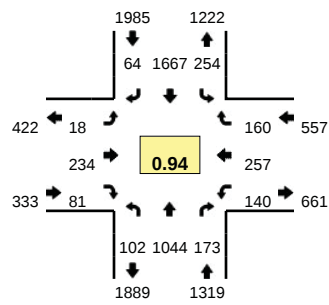


Approach	PHF	HV%	Volume
EB	0.92	3.2%	1,822
WB	0.86	2.1%	1,551
NB	0.82	0.0%	219
SB	0.89	0.6%	484
Intersection	0.94	2.3%	4,076

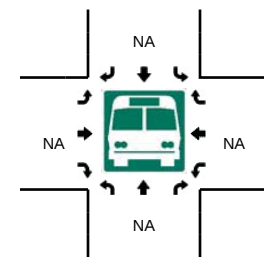
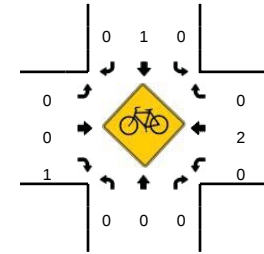
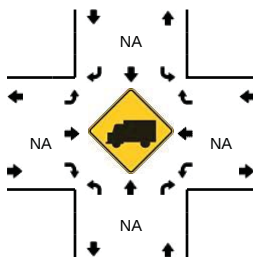
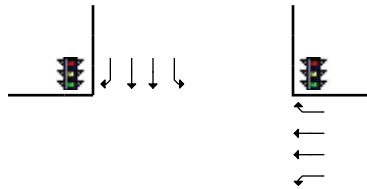
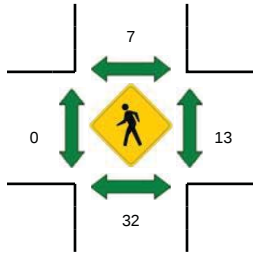
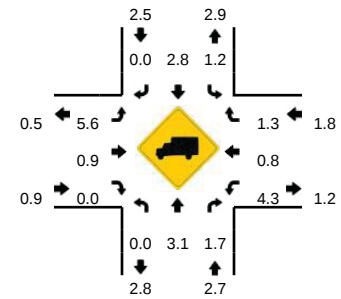
Count Period: 4:00 PM to 6:00 PM

LOCATION: OR 224 -- SE Oak St
CITY/STATE: Milwaukie, OR

QC JOB #: 13168506
DATE: Wed, Jan 21 2015



Peak-Hour: 4:30 PM -- 5:30 PM
Peak 15-Min: 5:15 PM -- 5:30 PM

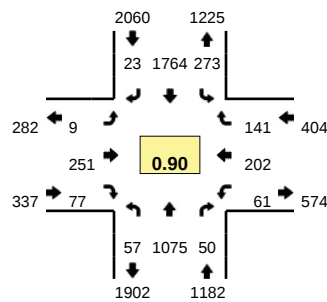


5-Min Count Period Beginning At	OR 224 (Northbound)				OR 224 (Southbound)				SE Oak St (Eastbound)				SE Oak St (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
4:00 PM	6	72	9	0	19	137	5	0	3	15	8	0	7	18	14	0	313	
4:05 PM	7	95	14	0	13	149	7	0	3	14	13	0	5	18	13	0	351	
4:10 PM	11	80	10	0	20	112	5	0	3	17	7	0	18	29	14	0	326	
4:15 PM	13	103	12	0	21	151	6	0	0	16	7	0	13	16	14	0	372	
4:20 PM	9	85	15	0	30	108	4	0	2	30	5	0	11	24	10	0	333	
4:25 PM	12	96	15	0	18	131	2	0	2	12	5	0	9	10	13	0	325	
4:30 PM	7	78	8	0	19	115	4	0	0	21	8	0	21	27	17	0	325	
4:35 PM	11	105	20	0	26	147	3	0	2	11	11	0	4	12	17	0	369	
4:40 PM	7	77	19	0	20	136	5	0	1	24	3	0	16	33	15	0	356	
4:45 PM	7	92	14	0	23	119	4	0	2	20	2	0	13	19	15	0	330	
4:50 PM	3	60	8	0	20	143	5	0	2	20	8	0	12	20	14	0	315	
4:55 PM	6	106	21	0	22	151	4	0	3	8	1	0	8	12	9	0	351	4066
5:00 PM	7	75	11	0	17	116	7	0	0	24	8	0	16	24	7	0	312	4065
5:05 PM	12	103	21	0	18	138	2	0	1	20	8	0	7	17	8	0	355	4069
5:10 PM	8	80	11	0	26	145	4	0	2	25	9	0	15	26	15	0	366	4109
5:15 PM	11	82	11	0	19	163	8	0	2	20	5	0	9	16	18	0	364	4101
5:20 PM	11	78	13	0	24	135	6	0	2	27	5	0	12	31	12	0	356	4124
5:25 PM	11	108	16	1	20	159	12	0	1	14	13	0	7	20	13	0	395	4194
5:30 PM	12	72	8	0	26	126	2	0	1	11	3	0	12	30	17	0	320	4189
5:35 PM	8	76	16	0	16	163	1	0	1	18	3	0	5	22	12	0	341	4161
5:40 PM	9	55	11	0	17	116	2	0	5	18	4	0	13	14	17	0	281	4086
5:45 PM	7	88	7	0	17	155	4	0	1	10	4	0	12	12	11	0	328	4084
5:50 PM	5	65	7	0	15	120	4	0	1	16	4	0	14	26	7	0	284	4053
5:55 PM	2	62	8	0	17	128	3	0	1	17	5	0	6	14	8	0	271	3973
Peak 15-Min Flowrates																		
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Total	
All Vehicles	132	1072	160	4	252	1828	104	0	20	244	92	0	112	268	172	0	4460	
Heavy Trucks	0	40	4		4	36	0		0	0	0		0	4	0		88	
Pedestrians		8				8				0				0			16	
Bicycles	0	0	0		0	0	0		0	0	1		0	0	0		1	
Railroad																		
Stopped Buses																		

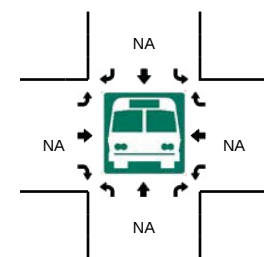
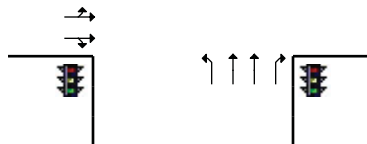
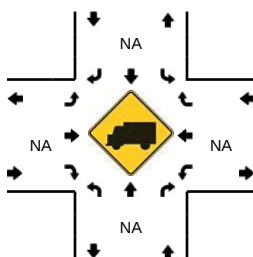
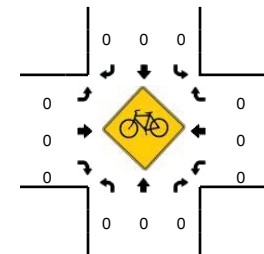
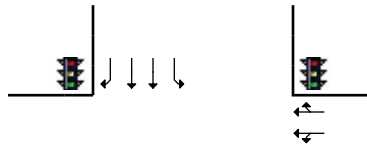
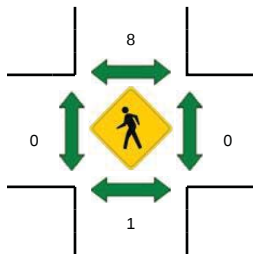
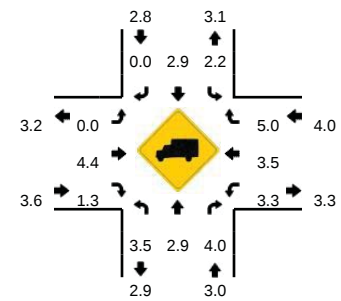
Comments:

LOCATION: OR 224 -- SE Harrison St
CITY/STATE: Milwaukie, OR

QC JOB #: 13168504
DATE: Wed, Jan 21 2015



Peak-Hour: 4:40 PM -- 5:40 PM
Peak 15-Min: 5:15 PM -- 5:30 PM

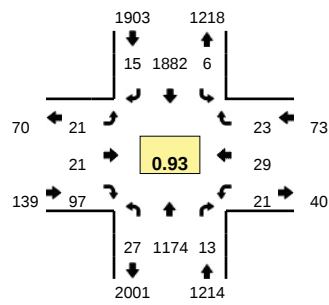


5-Min Count Period Beginning At	OR 224 (Northbound)				OR 224 (Southbound)				SE Harrison St (Eastbound)				SE Harrison St (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
4:00 PM	3	64	8	0	18	120	4	0	1	22	7	0	7	19	10	0	283	
4:05 PM	5	112	5	0	20	155	0	0	13	8	4	0	6	8	12	0	348	
4:10 PM	7	79	3	0	21	107	2	0	1	26	9	0	8	19	7	0	289	
4:15 PM	1	120	6	0	19	170	2	0	1	16	6	0	5	9	3	0	358	
4:20 PM	2	99	4	0	24	126	1	0	0	20	4	0	13	21	14	0	328	
4:25 PM	4	87	4	0	23	140	1	0	1	16	6	0	5	20	5	0	312	
4:30 PM	8	97	3	0	21	126	2	0	0	17	4	0	5	19	7	0	309	
4:35 PM	1	102	4	0	13	170	1	0	0	0	0	0	0	0	0	0	291	
4:40 PM	4	103	3	0	24	129	5	0	2	37	11	0	4	21	23	0	366	
4:45 PM	5	97	4	0	22	141	2	0	2	23	6	0	4	10	20	0	336	
4:50 PM	7	66	2	0	20	128	2	0	2	17	9	0	11	25	13	0	302	
4:55 PM	7	101	4	0	23	166	1	0	0	11	3	0	5	15	6	0	342	3864
5:00 PM	4	67	3	0	25	145	1	0	0	23	3	0	5	20	6	0	302	3883
5:05 PM	3	107	4	0	0	159	1	0	0	0	0	0	0	0	1	0	275	3810
5:10 PM	5	91	3	0	23	109	1	0	1	53	11	0	5	30	15	0	347	3868
5:15 PM	7	97	4	0	38	196	3	0	0	22	10	0	6	11	9	0	403	3913
5:20 PM	3	70	6	0	34	137	4	0	0	18	3	0	9	24	13	0	321	3906
5:25 PM	5	115	9	0	19	168	3	0	0	19	6	0	4	16	13	0	377	3971
5:30 PM	6	74	6	0	23	135	0	0	0	12	6	0	6	19	14	0	301	3963
5:35 PM	1	87	2	0	22	151	0	0	2	16	9	0	2	11	8	0	311	3983
5:40 PM	7	76	0	0	15	121	1	0	0	31	7	0	10	18	10	0	296	3913
5:45 PM	5	93	4	0	32	153	0	0	0	11	5	0	6	12	10	0	331	3908
5:50 PM	4	67	2	0	24	121	0	0	1	22	7	0	7	25	10	0	290	3896
5:55 PM	2	67	1	0	13	127	3	0	1	17	3	0	2	15	8	0	259	3813
Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total	
All Vehicles	60	1128	76	0	364	2004	40	0	0	236	76	0	76	204	140	0	4404	
Heavy Trucks	0	36	8		12	44	0		0	20	0		0	8	12		140	
Pedestrians	0	0	0		0	0	0		0	0	0		0	0	0		0	
Bicycles	0	0	0		0	0	0		0	0	0		0	0	0		0	
Railroad																		
Stopped Buses																		

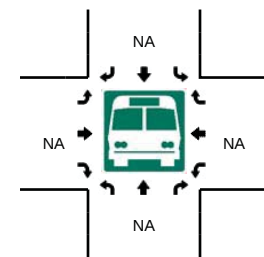
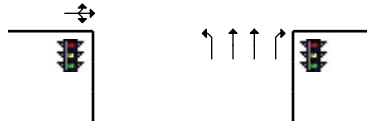
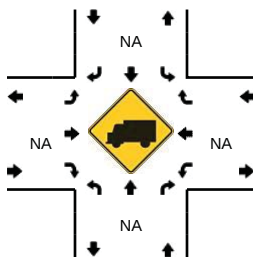
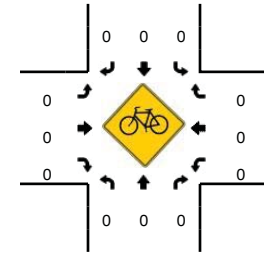
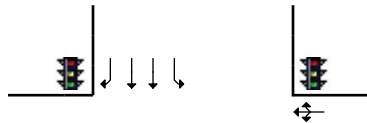
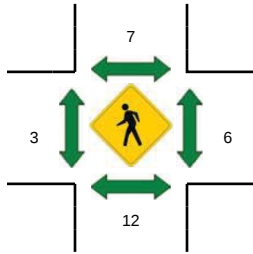
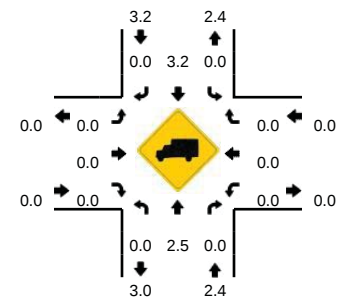
Comments:

LOCATION: OR 224 -- SE Monroe St
CITY/STATE: Milwaukie, OR

QC JOB #: 13168505
DATE: Wed, Jan 21 2015



Peak-Hour: 4:35 PM -- 5:35 PM
Peak 15-Min: 5:05 PM -- 5:20 PM



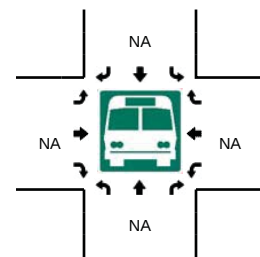
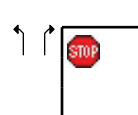
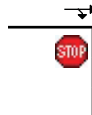
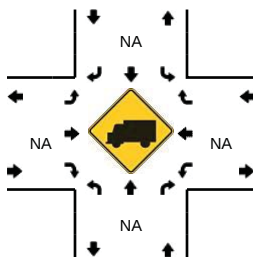
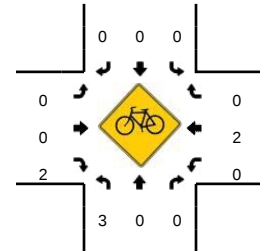
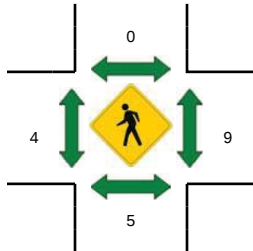
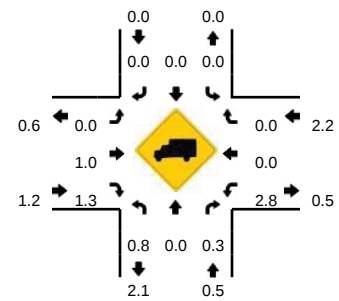
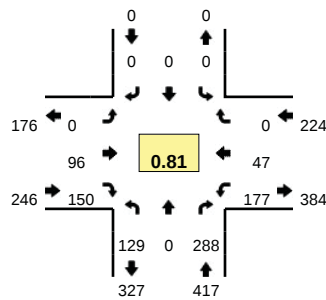
5-Min Count Period Beginning At	OR 224 (Northbound)				OR 224 (Southbound)				SE Monroe St (Eastbound)				SE Monroe St (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
4:00 PM	3	75	1	0	1	139	1	0	1	5	11	0	0	1	0	0	238	
4:05 PM	4	114	1	0	2	158	0	0	0	2	7	0	3	2	2	0	295	
4:10 PM	0	82	2	0	0	118	1	0	3	2	3	0	2	2	4	0	219	
4:15 PM	1	127	0	0	1	180	1	0	0	3	8	0	2	4	3	0	330	
4:20 PM	2	98	0	0	2	130	2	0	1	3	4	0	3	2	2	0	249	
4:25 PM	2	103	2	0	0	152	0	0	1	2	6	0	1	3	0	0	272	
4:30 PM	3	97	1	0	0	128	0	0	1	0	2	0	0	2	1	0	235	
4:35 PM	2	113	1	0	2	165	1	0	1	3	13	0	0	1	3	0	305	
4:40 PM	3	99	0	0	1	144	1	0	0	0	11	0	1	3	4	0	267	
4:45 PM	3	104	1	0	0	142	2	0	2	2	8	0	3	0	0	0	267	
4:50 PM	1	74	2	0	0	156	2	0	3	2	5	0	0	3	2	0	250	
4:55 PM	1	111	3	0	0	166	1	0	0	3	6	0	2	3	1	0	297	3224
5:00 PM	1	70	0	1	0	132	0	0	2	5	3	0	3	2	2	0	221	3207
5:05 PM	1	119	2	0	1	163	0	0	1	0	15	0	0	0	1	0	303	3215
5:10 PM	4	94	1	0	1	143	3	0	3	2	16	0	4	4	2	0	277	3273
5:15 PM	0	103	0	0	0	203	1	0	0	1	3	0	3	3	1	0	318	3261
5:20 PM	2	76	1	0	1	143	1	0	5	0	6	0	4	6	3	0	248	3260
5:25 PM	4	130	1	0	0	186	1	0	2	0	4	0	0	1	0	0	329	3317
5:30 PM	4	81	1	0	0	139	2	0	2	3	7	0	1	3	4	0	247	3329
5:35 PM	2	88	3	0	0	162	3	0	2	0	11	0	1	1	0	0	273	3297
5:40 PM	3	78	1	0	3	140	3	0	2	1	13	0	2	0	1	0	247	3277
5:45 PM	0	100	2	0	0	159	1	0	4	2	4	0	1	0	0	0	273	3283
5:50 PM	3	66	0	0	0	135	1	0	1	1	8	0	0	0	1	0	216	3249
5:55 PM	3	71	1	0	1	133	1	0	0	0	4	0	1	1	1	0	217	3169
Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total	
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
All Vehicles	20	1264	12	0	8	2036	16	0	16	12	136	0	28	28	16	0	3592	
Heavy Trucks	0	28	0	0	0	100	0	0	0	0	0	0	0	0	0	0	128	
Pedestrians	0	0	0	0	0	8	0	0	0	0	0	0	0	16	0	0	24	
Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Railroad																		
Stopped Buses																		

Comments:

LOCATION: SE Oak St -- SE Monroe St/SE Railroad Ave
CITY/STATE: Milwaukie, OR

QC JOB #: 13168507
DATE: Wed, Jan 21 2015

Peak-Hour: 4:30 PM -- 5:30 PM
Peak 15-Min: 5:10 PM -- 5:25 PM

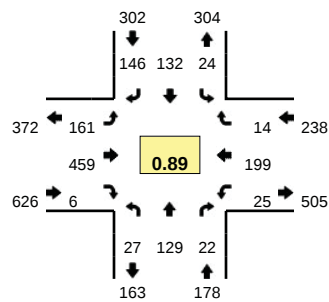


5-Min Count Period Beginning At	SE Oak St (Northbound)				SE Oak St (Southbound)				SE Monroe St/SE Railroad Ave (Eastbound)				SE Monroe St/SE Railroad Ave (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
4:00 PM	4	0	19	0	0	0	0	0	0	9	9	0	15	4	0	0	60	
4:05 PM	9	0	17	0	0	0	0	0	0	7	11	0	13	4	0	0	61	
4:10 PM	15	0	22	0	0	0	0	0	0	9	16	0	19	5	0	0	86	
4:15 PM	6	0	15	0	0	0	0	0	0	4	14	0	10	5	0	0	54	
4:20 PM	15	0	31	0	0	0	0	0	0	9	8	0	18	5	0	0	86	
4:25 PM	13	0	23	0	0	0	0	0	0	6	7	0	10	7	0	0	66	
4:30 PM	15	0	26	0	0	0	0	0	0	11	12	0	11	4	0	0	79	
4:35 PM	5	0	18	0	0	0	0	0	0	3	9	0	12	3	0	0	50	
4:40 PM	18	0	29	0	0	0	0	0	0	10	23	0	16	5	0	0	101	
4:45 PM	11	0	21	0	0	0	0	0	0	12	15	0	16	4	0	0	79	
4:50 PM	8	0	25	0	0	0	0	0	0	12	12	0	15	7	0	0	79	
4:55 PM	7	0	17	0	0	0	0	0	0	5	8	0	13	6	0	0	56	857
5:00 PM	10	0	28	0	0	0	0	0	0	8	9	0	13	2	0	0	70	867
5:05 PM	3	0	2	0	0	0	0	0	0	3	4	0	5	3	0	0	20	826
5:10 PM	25	0	43	0	0	0	0	0	0	5	19	0	22	1	0	0	115	855
5:15 PM	6	0	29	0	0	0	0	0	0	6	15	0	21	2	0	0	79	880
5:20 PM	8	0	28	0	0	0	0	0	0	11	13	0	15	6	0	0	81	875
5:25 PM	13	0	22	0	0	0	0	0	0	10	11	0	18	4	0	0	78	887
5:30 PM	11	0	20	0	0	0	0	0	0	8	11	0	16	6	0	0	72	880
5:35 PM	11	0	17	0	0	0	0	0	0	6	3	0	16	1	0	0	54	884
5:40 PM	13	0	28	0	0	0	0	0	0	7	15	0	13	6	0	0	82	865
5:45 PM	4	0	21	0	0	0	0	0	0	5	16	0	10	3	0	0	59	845
5:50 PM	9	0	18	0	0	0	0	0	0	8	8	0	13	4	0	0	60	826
5:55 PM	9	0	18	0	0	0	0	0	0	7	14	0	15	8	0	0	71	841
Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total	
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
All Vehicles	156	0	400	0	0	0	0	0	0	88	188	0	232	36	0	0	1100	
Heavy Trucks	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	4	
Pedestrians	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4	
Bicycles	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Railroad																		
Stopped Buses																		

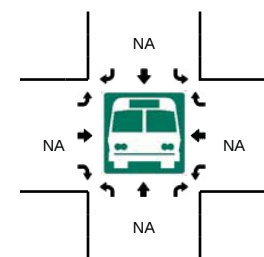
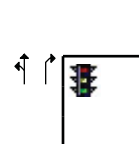
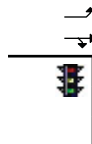
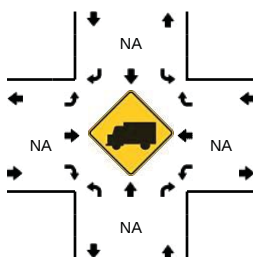
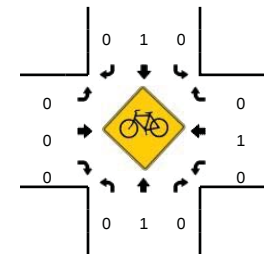
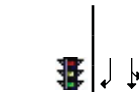
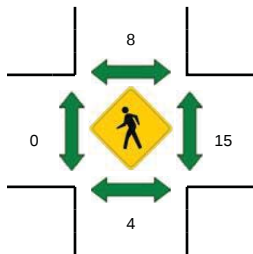
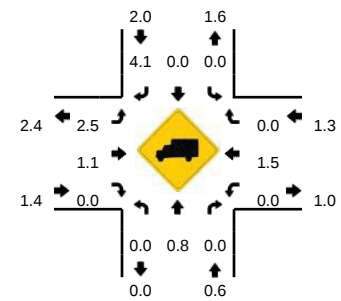
Comments:

LOCATION: SE 32nd Ave -- SE Harrison St
CITY/STATE: Milwaukie, OR

QC JOB #: 13196103
DATE: Tue, Feb 03 2015



Peak-Hour: 5:00 PM -- 6:00 PM
Peak 15-Min: 5:00 PM -- 5:15 PM



5-Min Count Period Beginning At	SE 32nd Ave (Northbound)				SE 32nd Ave (Southbound)				SE Harrison St (Eastbound)				SE Harrison St (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
4:15 PM	1	11	3	0	0	8	15	0	16	35	0	0	1	18	0	0	108	
4:20 PM	4	7	1	0	1	14	13	0	7	25	0	0	2	11	0	0	85	
4:25 PM	6	9	4	0	2	20	11	0	4	19	0	0	0	9	1	0	85	
4:30 PM	6	13	5	0	3	13	11	0	10	33	0	0	2	9	0	0	105	
4:35 PM	3	7	0	0	1	9	17	0	13	31	1	0	2	13	0	0	97	
4:40 PM	2	13	1	0	1	15	16	0	6	47	1	0	2	23	1	0	128	1171
4:45 PM	3	17	0	0	1	12	13	0	12	38	1	0	0	21	2	0	120	1199
4:50 PM	0	4	4	0	1	9	10	0	12	16	1	0	3	13	1	0	74	1181
4:55 PM	0	8	3	0	3	12	10	0	8	17	0	0	3	17	2	0	83	1169
5:00 PM	2	14	1	0	2	14	13	0	24	43	0	0	3	23	2	0	141	1212
5:05 PM	2	11	2	0	1	7	13	0	19	52	0	0	4	12	1	0	124	1248
5:10 PM	3	15	1	0	4	10	15	0	9	31	2	0	0	21	0	0	111	1261
5:15 PM	1	8	1	0	2	9	10	0	18	48	0	0	1	18	0	0	116	1269
5:20 PM	3	11	3	0	2	16	21	0	14	30	0	0	3	21	1	0	125	1309
5:25 PM	2	11	2	0	2	12	11	0	9	39	1	0	3	13	4	0	109	1333
5:30 PM	3	10	1	0	2	10	6	0	14	31	1	0	2	15	1	0	96	1324
5:35 PM	1	10	2	0	1	13	11	0	8	44	0	0	2	16	0	0	108	1335
5:40 PM	2	11	2	0	3	9	11	0	16	43	2	0	1	12	0	0	112	1319
5:45 PM	5	7	3	0	3	10	5	0	12	38	0	0	2	22	1	0	108	1307
5:50 PM	3	13	4	0	1	13	16	0	9	27	0	0	2	18	1	0	107	1340
5:55 PM	0	8	0	0	1	9	14	0	9	33	0	0	2	8	3	0	87	1344
6:00 PM	0	11	3	0	3	14	9	0	9	23	0	0	1	14	0	0	87	1290
6:05 PM	4	11	2	0	2	10	10	0	7	37	0	0	2	14	0	0	99	1265
6:10 PM	4	6	0	0	3	9	3	0	11	30	0	0	1	13	1	0	81	1235
Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total	
All Vehicles	28	160	16	0	28	124	164	0	208	504	8	0	28	224	12	0	1504	
Heavy Trucks	0	0	0	0	0	0	4	0	4	4	0	0	0	0	0	0	12	
Pedestrians	0	0	0	0	12	0	0	0	0	0	0	0	12	0	0	0	24	
Bicycles	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Railroad																		
Stopped Buses																		

Comments:

Total Vehicle Summary

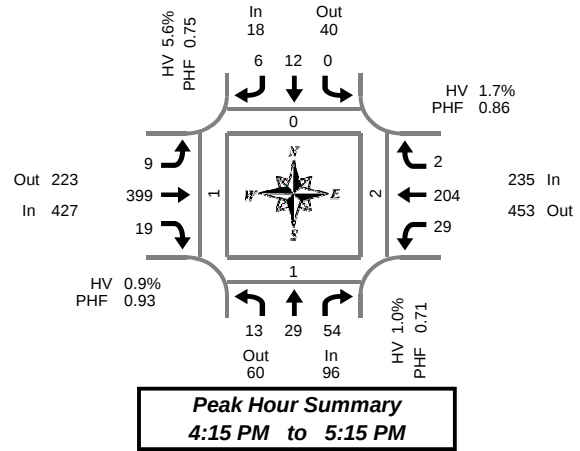


Clay Carney
(503) 833-2740

SE 37th Ave & SE Harrison St

Tuesday, April 28, 2015

4:00 PM to 6:00 PM



15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 37th Ave				Southbound SE 37th Ave				Eastbound SE Harrison St				Westbound SE Harrison St				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	4	11	18	0	0	1	2	0	0	84	8	0	9	44	0	0	181	0	1	0	0
4:15 PM	2	6	13	0	0	4	2	0	2	106	2	0	6	53	0	0	196	0	0	2	0
4:30 PM	2	7	15	0	0	2	2	0	2	106	7	0	9	44	0	0	196	0	0	0	0
4:45 PM	1	7	9	2	0	1	1	1	3	87	7	0	9	58	1	0	184	0	1	0	1
5:00 PM	8	9	17	0	0	5	1	0	2	100	3	0	5	49	1	0	200	0	0	0	0
5:15 PM	7	12	11	0	0	1	2	2	0	102	9	0	4	47	0	0	195	0	0	0	0
5:30 PM	4	12	4	0	0	4	1	0	2	100	4	0	7	48	0	0	186	0	1	0	0
5:45 PM	7	6	7	0	0	0	0	0	1	89	2	0	6	51	0	1	169	1	0	0	0
Total Survey	35	70	94	2	0	18	11	3	12	774	42	0	55	394	2	1	1,507	1	3	2	1

Peak Hour Summary

4:15 PM to 5:15 PM

By Approach	Northbound SE 37th Ave				Southbound SE 37th Ave				Eastbound SE Harrison St				Westbound SE Harrison St				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	96	60	156	2	18	40	58	1	427	223	650	0	235	453	688	0	776	0	1	2	1
%HV	1.0%				5.6%				0.9%				1.7%				1.3%				
PHF	0.71				0.75				0.93				0.86				0.97				

By Movement	Northbound SE 37th Ave				Southbound SE 37th Ave				Eastbound SE Harrison St				Westbound SE Harrison St				Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
Volume	13	29	54	96	0	12	6	18	9	399	19	427	29	204	2	235	776
%HV	7.7%	0.0%	0.0%	1.0%	0.0%	8.3%	0.0%	5.6%	0.0%	1.0%	0.0%	0.9%	6.9%	1.0%	0.0%	1.7%	1.3%
PHF	0.41	0.81	0.79	0.71	0.00	0.60	0.75	0.75	0.75	0.94	0.68	0.93	0.81	0.88	0.50	0.86	0.97

Rolling Hour Summary

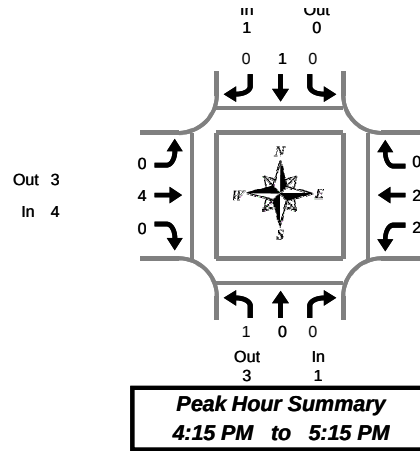
4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 37th Ave				Southbound SE 37th Ave				Eastbound SE Harrison St				Westbound SE Harrison St				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	9	31	55	2	0	8	7	1	7	383	24	0	33	199	1	0	757	0	2	2	1
4:15 PM	13	29	54	2	0	12	6	1	9	399	19	0	29	204	2	0	776	0	1	2	1
4:30 PM	18	35	52	2	0	9	6	3	7	395	26	0	27	198	2	0	775	0	1	0	1
4:45 PM	20	40	41	2	0	11	5	3	7	389	23	0	25	202	2	0	765	0	2	0	1
5:00 PM	26	39	39	0	0	10	4	2	5	391	18	0	22	195	1	1	750	1	1	0	0

Heavy Vehicle Summary



Clay Carney
(503) 833-2740



SE 37th Ave & SE Harrison St

Tuesday, April 28, 2015

4:00 PM to 6:00 PM

Heavy Vehicle 15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 37th Ave				Southbound SE 37th Ave				Eastbound SE Harrison St				Westbound SE Harrison St				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	0	0	0	0	0	0	0	0	0	2	0	2	0	2	0	2	4
4:15 PM	1	0	0	1	0	1	0	1	0	0	0	0	0	1	0	1	3
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	2	0	2	0	1	0	1	3
5:00 PM	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	2	4
5:15 PM	0	0	0	0	0	0	0	0	0	4	0	4	0	3	0	3	7
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
5:45 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	2
Total Survey	1	0	0	1	0	1	0	1	0	11	0	11	2	9	0	11	24

Heavy Vehicle Peak Hour Summary

4:15 PM to 5:15 PM

By Approach	Northbound SE 37th Ave			Southbound SE 37th Ave			Eastbound SE Harrison St			Westbound SE Harrison St			Total
	In	Out	Total	In	Out	Total	In	Out	Total	In	Out	Total	
Volume	1	3	4	1	0	1	4	3	7	4	4	8	10
PHF	0.25			0.25			0.13			0.17			0.18

By Movement	Northbound SE 37th Ave				Southbound SE 37th Ave				Eastbound SE Harrison St				Westbound SE Harrison St				Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
Volume	1	0	0	1	0	1	0	1	0	4	0	4	2	2	0	4	10
PHF	0.25	0.00	0.00	0.25	0.00	0.25	0.00	0.25	0.00	0.13	0.00	0.13	0.25	0.10	0.00	0.17	0.18

Heavy Vehicle Rolling Hour Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 37th Ave				Southbound SE 37th Ave				Eastbound SE Harrison St				Westbound SE Harrison St				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	1	0	0	1	0	1	0	1	0	4	0	4	0	4	0	4	10
4:15 PM	1	0	0	1	0	1	0	1	0	4	0	4	2	2	0	4	10
4:30 PM	0	0	0	0	0	0	0	0	0	8	0	8	2	4	0	6	14
4:45 PM	0	0	0	0	0	0	0	0	0	8	0	8	2	5	0	7	15
5:00 PM	0	0	0	0	0	0	0	0	0	7	0	7	2	5	0	7	14

Peak Hour Summary

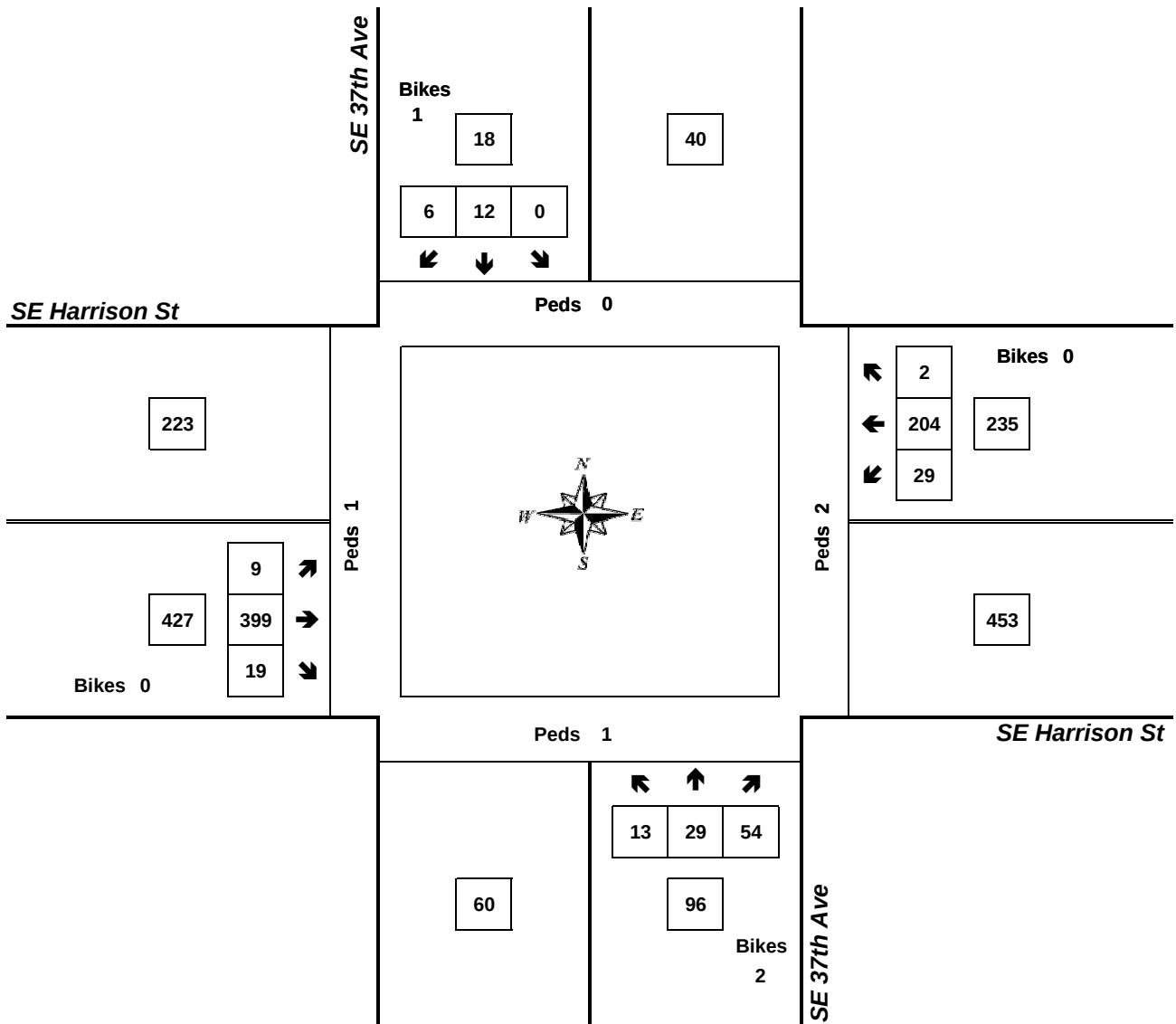


Clay Carney
(503) 833-2740

SE 37th Ave & SE Harrison St

4:15 PM to 5:15 PM

Tuesday, April 28, 2015



Approach	PHF	HV%	Volume
EB	0.93	0.9%	427
WB	0.86	1.7%	235
NB	0.71	1.0%	96
SB	0.75	5.6%	18
Intersection	0.97	1.3%	776

Count Period: 4:00 PM to 6:00 PM

Total Vehicle Summary

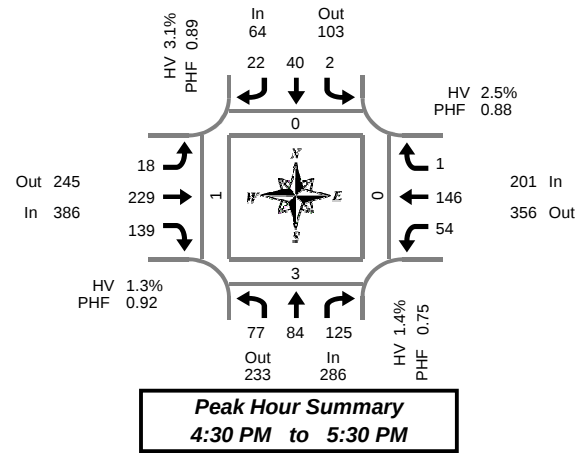


Clay Carney
(503) 833-2740

SE 37th Ave & SE Monroe St

Tuesday, April 28, 2015

4:00 PM to 6:00 PM



15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 37th Ave				Southbound SE 37th Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	30	25	44	0	1	10	5	0	7	47	31	0	6	19	1	0	226	0	0	0	1
4:15 PM	16	16	37	1	0	10	3	0	7	71	29	0	9	33	0	0	231	0	1	0	0
4:30 PM	17	17	37	1	0	12	5	0	7	52	38	0	9	29	0	0	223	0	0	0	0
4:45 PM	17	14	22	2	1	9	8	1	1	51	37	0	13	39	0	0	212	0	0	0	1
5:00 PM	30	31	34	1	0	8	5	0	3	60	32	0	17	37	0	0	257	0	1	0	0
5:15 PM	13	22	32	0	1	11	4	0	7	66	32	0	15	41	1	0	245	0	2	0	0
5:30 PM	25	17	21	0	1	11	4	0	3	59	32	0	19	29	0	1	221	0	2	0	1
5:45 PM	25	18	13	0	0	7	2	0	4	59	29	0	9	30	2	0	198	0	0	0	0
Total Survey	173	160	240	5	4	78	36	1	39	465	260	0	97	257	4	1	1,813	0	6	0	3

Peak Hour Summary

4:30 PM to 5:30 PM

By Approach	Northbound SE 37th Ave				Southbound SE 37th Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	286	233	519	4	64	103	167	1	386	245	631	0	201	356	557	0	937	0	3	0	1
%HV	1.4%				3.1%				1.3%				2.5%				1.7%				
PHF	0.75				0.89				0.92				0.88				0.91				

By Movement	Northbound SE 37th Ave				Southbound SE 37th Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
Volume	77	84	125	286	2	40	22	64	18	229	139	386	54	146	1	201	937
%HV	1.3%	1.2%	1.6%	1.4%	0.0%	2.5%	4.5%	3.1%	0.0%	1.3%	1.4%	1.3%	1.9%	2.7%	0.0%	2.5%	1.7%
PHF	0.64	0.68	0.84	0.75	0.50	0.83	0.69	0.89	0.64	0.87	0.91	0.92	0.79	0.89	0.25	0.88	0.91

Rolling Hour Summary

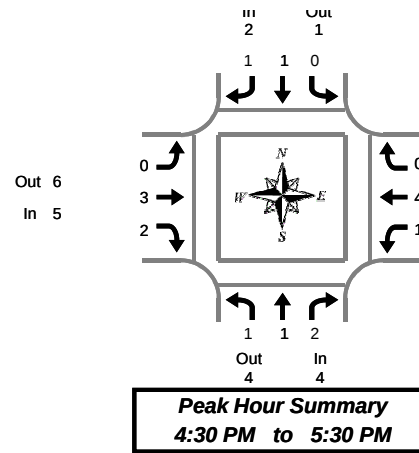
4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 37th Ave				Southbound SE 37th Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	80	72	140	4	2	41	21	1	22	221	135	0	37	120	1	0	892	0	1	0	2
4:15 PM	80	78	130	5	1	39	21	1	18	234	136	0	48	138	0	0	923	0	2	0	1
4:30 PM	77	84	125	4	2	40	22	1	18	229	139	0	54	146	1	0	937	0	3	0	1
4:45 PM	85	84	109	3	3	39	21	1	14	236	133	0	64	146	1	1	935	0	5	0	2
5:00 PM	93	88	100	1	2	37	15	0	17	244	125	0	60	137	3	1	921	0	5	0	1

Heavy Vehicle Summary



Clay Carney
(503) 833-2740



SE 37th Ave & SE Monroe St

Tuesday, April 28, 2015

4:00 PM to 6:00 PM

Heavy Vehicle 15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 37th Ave				Southbound SE 37th Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	0	1	1	2	0	0	0	0	0	1	2	3	0	0	0	0	5
4:15 PM	1	0	0	1	0	1	0	1	1	3	0	4	0	1	0	1	7
4:30 PM	1	1	0	2	0	0	0	0	0	1	0	1	0	4	0	4	7
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	1	1	0	1	0	1	0	1	1	2	0	0	0	0	4
5:15 PM	0	0	1	1	0	0	1	1	0	1	1	2	1	0	0	1	5
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
Total Survey	4	2	3	9	0	2	1	3	1	7	4	12	1	5	0	6	30

Heavy Vehicle Peak Hour Summary

4:30 PM to 5:30 PM

By Approach	Northbound SE 37th Ave			Southbound SE 37th Ave			Eastbound SE Monroe St			Westbound SE Monroe St			Total
	In	Out	Total	In	Out	Total	In	Out	Total	In	Out	Total	
Volume	4	4	8	2	1	3	5	6	11	5	5	10	16
PHF	0.20			0.25			0.16			0.25			0.21

By Movement	Northbound SE 37th Ave				Southbound SE 37th Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
Volume	1	1	2	4	0	1	1	2	0	3	2	5	1	4	0	5	16
PHF	0.13	0.13	0.25	0.20	0.00	0.25	0.25	0.25	0.00	0.15	0.25	0.16	0.25	0.20	0.00	0.25	0.21

Heavy Vehicle Rolling Hour Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 37th Ave				Southbound SE 37th Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	2	2	1	5	0	1	0	1	1	5	2	8	0	5	0	5	19
4:15 PM	2	1	1	4	0	2	0	2	1	5	1	7	0	5	0	5	18
4:30 PM	1	1	2	4	0	1	1	2	0	3	2	5	1	4	0	5	16
4:45 PM	0	0	2	2	0	1	1	2	0	2	2	4	1	0	0	1	9
5:00 PM	2	0	2	4	0	1	1	2	0	2	2	4	1	0	0	1	11

All Traffic Data
Services Inc.

Count Period: 4:00 PM to 6:00 PM

Total Vehicle Summary

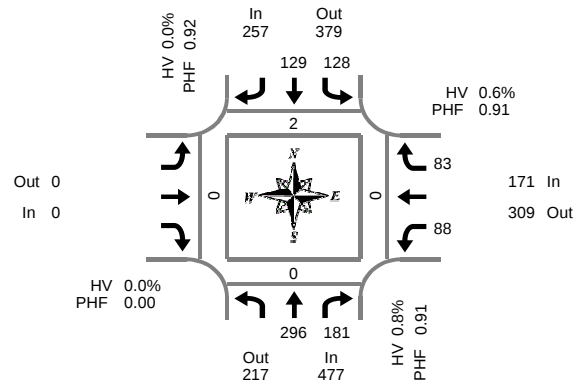


Clay Carney
(503) 833-2740

SE 37th Ave & SE Railroad Ave

Thursday, April 30, 2015

4:00 PM to 6:00 PM



Peak Hour Summary
4:15 PM to 5:15 PM

15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 37th Ave				Southbound SE 37th Ave				Eastbound SE Railroad Ave				Westbound SE Railroad Ave				Interval Total	Pedestrians Crosswalk			
	T	R	Bikes		L	T		Bikes				Bikes	L		R	Bikes		North	South	East	West
4:00 PM	79	47	0		27	21		0				0	27		23	0	224	0	0	0	0
4:15 PM	79	39	2		36	32		0				0	23		23	0	232	0	0	0	0
4:30 PM	68	52	3		37	33		0				0	18		23	0	231	0	0	0	0
4:45 PM	59	49	1		31	28		0				0	26		21	0	214	2	0	0	0
5:00 PM	90	41	1		24	36		0				0	21		16	0	228	0	0	0	0
5:15 PM	49	37	1		41	29		0				0	25		27	0	208	0	1	0	0
5:30 PM	57	23	1		33	28		0				0	26		26	0	193	1	0	0	0
5:45 PM	46	28	1		23	35		0				0	24		16	0	172	0	0	0	0
Total Survey	527	316	10		252	242		0				0	190		175	0	1,702	3	1	0	0

Peak Hour Summary

4:15 PM to 5:15 PM

By Approach	Northbound SE 37th Ave				Southbound SE 37th Ave				Eastbound SE Railroad Ave				Westbound SE Railroad Ave				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	477	217	694	7	257	379	636	0	0	0	0	0	171	309	480	0	905	2	0	0	0
%HV	0.8%				0.0%				0.0%				0.6%				0.6%				
PHF	0.91				0.92				0.00				0.91				0.98				

By Movement	Northbound SE 37th Ave				Southbound SE 37th Ave				Eastbound SE Railroad Ave				Westbound SE Railroad Ave				Total
	T	R	Total		L	T	Total				Total		L		R	Total	
Volume	296	181	477		128	129	257				0		88		83	171	905
%HV	NA	1.4%	0.0%	0.8%	0.0%	0.0%	NA	0.0%	NA	NA	0.0%	0.0%	0.0%	NA	1.2%	0.6%	0.6%
PHF	0.82	0.87	0.91		0.86	0.90	0.92				0.00		0.85		0.90	0.91	0.98

Rolling Hour Summary

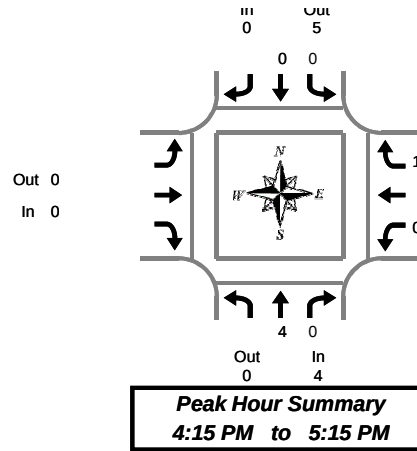
4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 37th Ave				Southbound SE 37th Ave				Eastbound SE Railroad Ave				Westbound SE Railroad Ave				Interval Total	Pedestrians Crosswalk			
	T	R	Bikes		L	T		Bikes				Bikes	L		R	Bikes		North	South	East	West
4:00 PM	285	187	6		131	114		0				0	94		90	0	901	2	0	0	0
4:15 PM	296	181	7		128	129		0				0	88		83	0	905	2	0	0	0
4:30 PM	266	179	6		133	126		0				0	90		87	0	881	2	1	0	0
4:45 PM	255	150	4		129	121		0				0	98		90	0	843	3	1	0	0
5:00 PM	242	129	4		121	128		0				0	96		85	0	801	1	1	0	0

Heavy Vehicle Summary



Clay Carney
(503) 833-2740



SE 37th Ave & SE Railroad Ave

Thursday, April 30, 2015

4:00 PM to 6:00 PM

Heavy Vehicle 15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 37th Ave			Southbound SE 37th Ave			Eastbound SE Railroad Ave			Westbound SE Railroad Ave			Interval Total
	T	R	Total	L	T	Total			Total	L	R	Total	
4:00 PM	0	0	0	0	0	0			0	1	0	1	1
4:15 PM	1	0	1	0	0	0			0	0	0	0	1
4:30 PM	0	0	0	0	0	0			0	0	1	1	1
4:45 PM	1	0	1	0	0	0			0	0	0	0	1
5:00 PM	2	0	2	0	0	0			0	0	0	0	2
5:15 PM	2	1	3	1	0	1			0	0	0	0	4
5:30 PM	0	0	0	0	1	1			0	0	0	0	1
5:45 PM	0	0	0	0	0	0			0	2	0	2	2
Total Survey	6	1	7	1	1	2			0	3	1	4	13

Heavy Vehicle Peak Hour Summary

4:15 PM to 5:15 PM

By Approach	Northbound SE 37th Ave			Southbound SE 37th Ave			Eastbound SE Railroad Ave			Westbound SE Railroad Ave			Total
	In	Out	Total	In	Out	Total	In	Out	Total	In	Out	Total	
Volume	4	0	4	0	5	5	0	0	0	1	0	1	5
PHF	0.17			0.00			0.00			0.13			0.18

By Movement	Northbound SE 37th Ave			Southbound SE 37th Ave			Eastbound SE Railroad Ave			Westbound SE Railroad Ave			Total
	T	R	Total	L	T	Total			Total	L	R	Total	
Volume	4	0	4	0	0	0			0	0	1	1	5
PHF	0.20	0.00	0.17	0.00	0.00	0.00			0.00	0.00	0.25	0.13	0.18

Heavy Vehicle Rolling Hour Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 37th Ave			Southbound SE 37th Ave			Eastbound SE Railroad Ave			Westbound SE Railroad Ave			Interval Total
	T	R	Total	L	T	Total			Total	L	R	Total	
4:00 PM	2	0	2	0	0	0			0	1	1	2	4
4:15 PM	4	0	4	0	0	0			0	0	1	1	5
4:30 PM	5	1	6	1	0	1			0	0	1	1	8
4:45 PM	5	1	6	1	1	2			0	0	0	0	8
5:00 PM	4	1	5	1	1	2			0	2	0	2	9

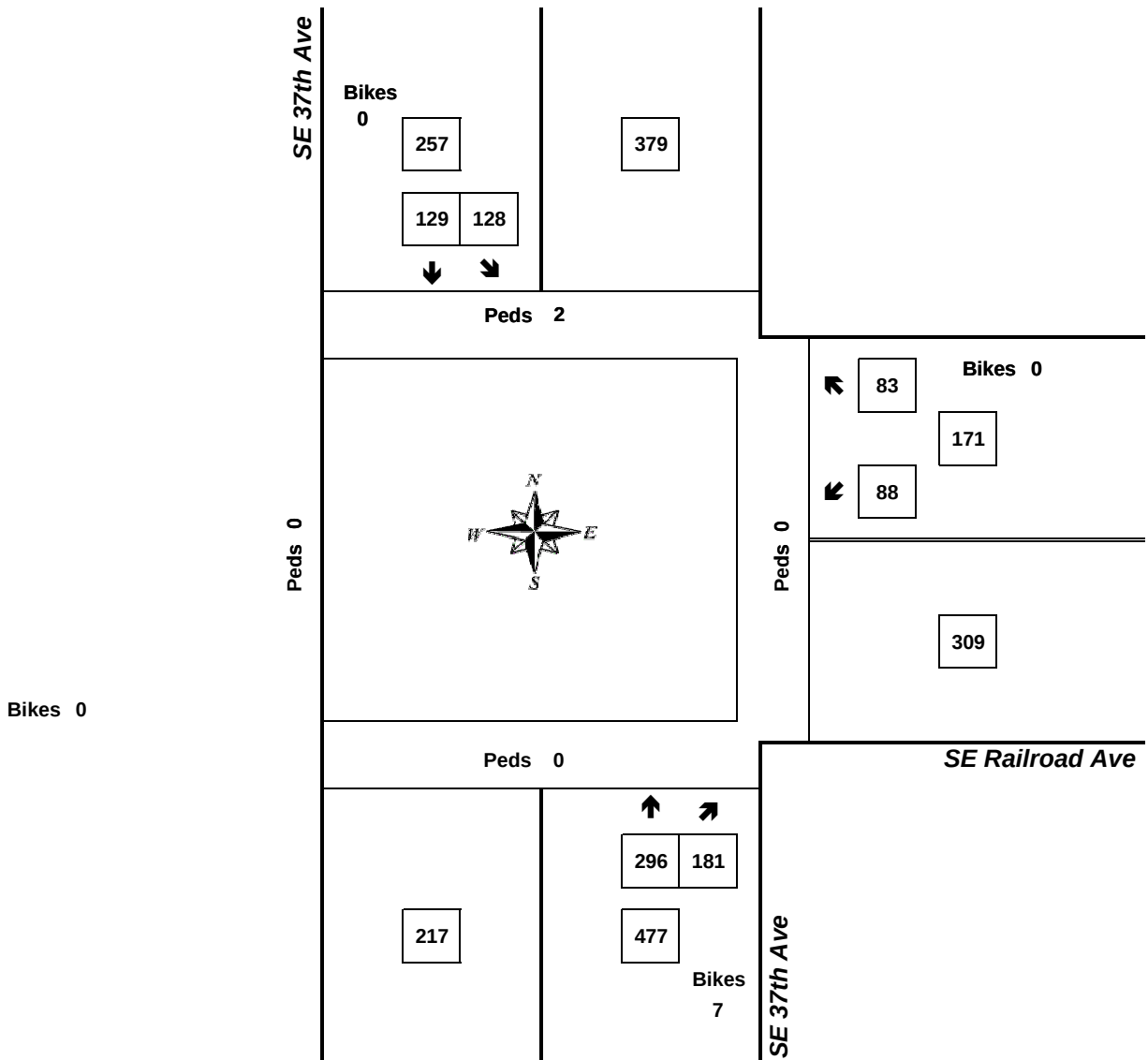
Peak Hour Summary



Clay Carney
(503) 833-2740

SE 37th Ave & SE Railroad Ave

4:15 PM to 5:15 PM
Thursday, April 30, 2015

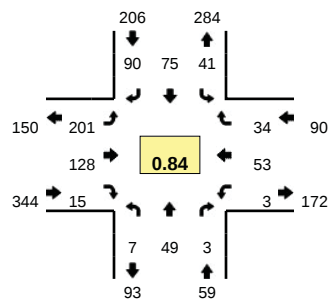


Approach	PHF	HV%	Volume
EB	0.00	0.0%	0
WB	0.91	0.6%	171
NB	0.91	0.8%	477
SB	0.92	0.0%	257
Intersection	0.98	0.6%	905

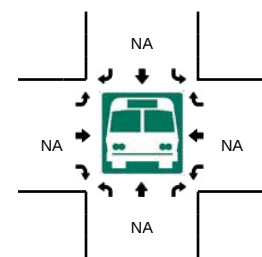
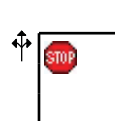
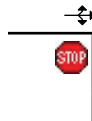
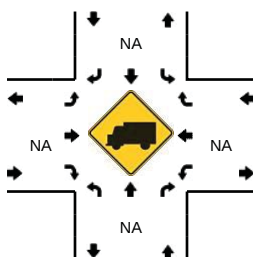
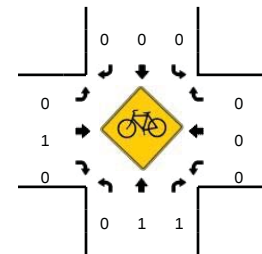
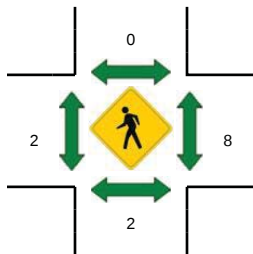
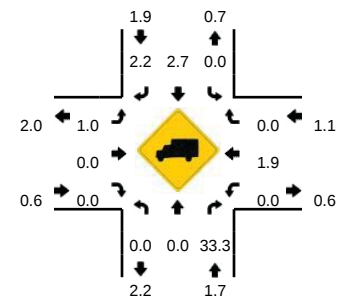
Count Period: 4:00 PM to 6:00 PM

LOCATION: SE 42nd Ave -- SE Monroe St
CITY/STATE: Milwaukie, OR

QC JOB #: 13168501
DATE: Wed, Jan 21 2015



Peak-Hour: 4:25 PM -- 5:25 PM
Peak 15-Min: 5:10 PM -- 5:25 PM

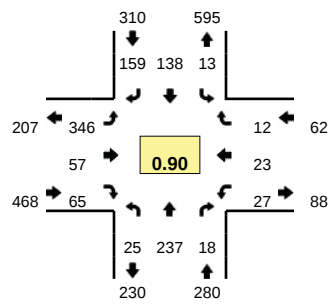


5-Min Count Period Beginning At	SE 42nd Ave (Northbound)				SE 42nd Ave (Southbound)				SE Monroe St (Eastbound)				SE Monroe St (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
4:00 PM	2	4	1	0	2	1	1	0	12	7	1	0	0	5	1	0	37	
4:05 PM	0	4	0	0	0	3	8	0	19	12	2	0	0	5	4	0	57	
4:10 PM	1	2	0	0	3	6	6	0	27	12	2	0	0	5	2	0	66	
4:15 PM	0	4	0	0	3	4	8	0	14	4	1	0	0	3	2	0	43	
4:20 PM	1	6	0	0	5	2	7	0	21	7	0	0	0	7	2	0	58	
4:25 PM	0	3	0	0	3	9	5	0	17	20	0	0	0	5	5	0	67	
4:30 PM	0	0	0	0	4	5	7	0	16	5	2	0	0	3	5	0	47	
4:35 PM	2	3	2	0	4	4	7	0	4	6	2	0	0	2	1	0	37	
4:40 PM	0	3	0	0	3	8	8	0	22	16	1	0	1	2	1	0	65	
4:45 PM	1	4	0	0	1	8	11	0	17	6	2	0	1	6	3	0	60	
4:50 PM	1	3	0	0	4	2	8	0	22	7	0	0	0	3	3	0	53	
4:55 PM	1	5	0	0	4	8	5	0	15	6	3	0	0	2	3	0	52	642
5:00 PM	0	3	0	0	6	6	8	0	23	7	1	0	0	4	0	0	58	663
5:05 PM	0	7	1	0	3	5	8	0	10	7	2	0	0	7	2	0	52	658
5:10 PM	1	6	0	0	2	8	11	0	18	13	1	0	0	9	1	0	70	662
5:15 PM	1	7	0	0	5	4	6	0	21	20	0	0	0	7	6	0	77	696
5:20 PM	0	5	0	0	2	8	6	0	16	15	1	0	1	3	4	0	61	699
5:25 PM	1	4	1	0	5	5	9	0	21	8	0	0	1	2	0	0	57	689
5:30 PM	0	6	0	0	1	6	6	0	9	7	0	0	0	5	3	0	43	685
5:35 PM	1	3	0	0	2	5	8	0	14	6	1	0	1	5	0	0	46	694
5:40 PM	0	4	0	0	4	5	7	0	20	8	0	0	1	4	3	0	56	685
5:45 PM	0	6	1	0	6	5	6	0	13	9	1	0	0	3	4	0	54	679
5:50 PM	0	5	1	0	4	2	11	0	13	7	2	0	1	2	1	0	49	675
5:55 PM	1	4	0	0	3	4	5	0	16	9	2	0	0	4	5	0	53	676
Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total	
All Vehicles	8	72	0	0	36	80	92	0	220	192	8	0	4	76	44	0	832	
Heavy Trucks	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	4	
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	
Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Railroad																		
Stopped Buses																		

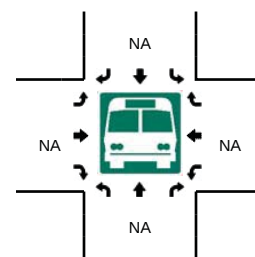
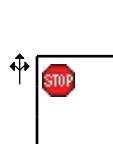
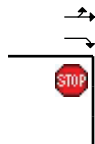
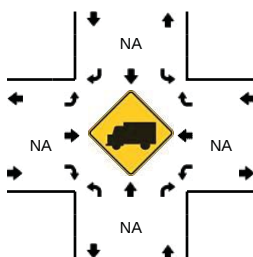
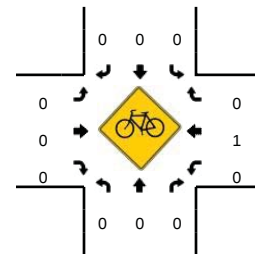
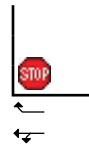
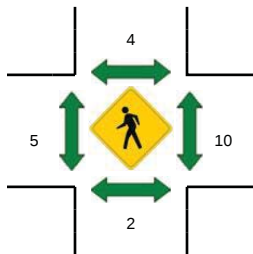
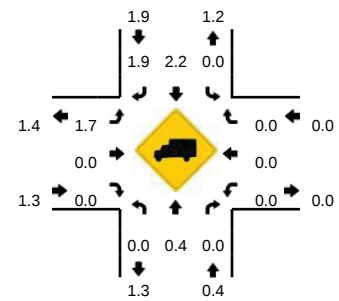
Comments:

LOCATION: SE 42nd Ave -- SE Harrison St
CITY/STATE: Milwaukie, OR

QC JOB #: 13196102
DATE: Tue, Feb 03 2015



Peak-Hour: 5:00 PM -- 6:00 PM
Peak 15-Min: 5:00 PM -- 5:15 PM



5-Min Count Period Beginning At	SE 42nd Ave (Northbound)				SE 42nd Ave (Southbound)				SE Harrison St (Eastbound)				SE Harrison St (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
4:15 PM	0	26	1	0	1	16	17	0	24	3	4	0	1	0	1	0	94	977 1002 1009 990
4:20 PM	1	25	2	0	1	10	6	0	20	3	3	0	3	0	2	0	76	
4:25 PM	2	28	0	0	1	7	12	0	20	3	4	0	0	2	1	0	80	
4:30 PM	0	20	0	0	0	15	14	0	21	1	3	0	2	2	0	0	78	
4:35 PM	1	24	2	0	1	13	7	0	28	4	4	0	0	1	0	0	85	
4:40 PM	3	15	2	0	3	14	13	0	26	4	6	0	4	1	0	0	91	
4:45 PM	2	28	0	0	1	16	18	0	31	3	4	0	2	2	2	0	109	
4:50 PM	0	25	0	0	1	12	11	0	23	3	3	0	2	2	0	0	82	
4:55 PM	1	8	1	0	2	12	16	0	12	0	4	0	1	5	0	0	62	
5:00 PM	3	26	4	0	1	11	17	0	31	5	6	0	1	1	1	0	107	1021
5:05 PM	1	36	2	0	0	10	13	0	33	2	5	0	1	5	1	0	109	1055
5:10 PM	3	26	1	0	2	4	11	0	30	6	6	0	3	1	3	0	96	1069
5:15 PM	1	15	1	0	1	12	13	0	28	7	5	0	3	2	0	0	88	1063
5:20 PM	1	17	0	0	3	18	14	0	26	4	4	0	2	4	2	0	95	1082
5:25 PM	1	9	1	0	2	9	16	0	32	4	9	0	2	1	1	0	87	1089
5:30 PM	3	20	2	0	0	11	11	0	21	1	4	0	0	0	3	0	76	1087
5:35 PM	4	21	2	0	0	14	8	0	34	4	8	0	2	2	0	0	99	1101
5:40 PM	2	20	2	0	0	10	17	0	32	9	3	0	4	2	1	0	102	1112
5:45 PM	1	17	1	0	1	15	13	0	34	7	7	0	3	2	0	0	101	1104
5:50 PM	3	16	1	0	1	12	18	0	25	4	6	0	3	2	0	0	91	1113
5:55 PM	2	14	1	0	2	12	8	0	20	4	2	0	3	1	0	0	69	1120
6:00 PM	1	20	0	0	1	3	8	0	26	3	1	0	3	1	1	0	68	1081
6:05 PM	1	16	1	0	1	10	12	0	21	3	4	0	4	1	0	0	74	1046
6:10 PM	1	19	1	0	1	11	8	0	31	3	8	0	3	2	0	0	88	1038
Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total	
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
All Vehicles	28	352	28	0	12	100	164	0	376	52	68	0	20	28	20	0	1248	
Heavy Trucks	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	8	
Pedestrians	0	0	0	0	0	8	0	0	8	8	0	0	0	8	0	0	24	
Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Railroad																		
Stopped Buses																		

Comments:

Total Vehicle Summary

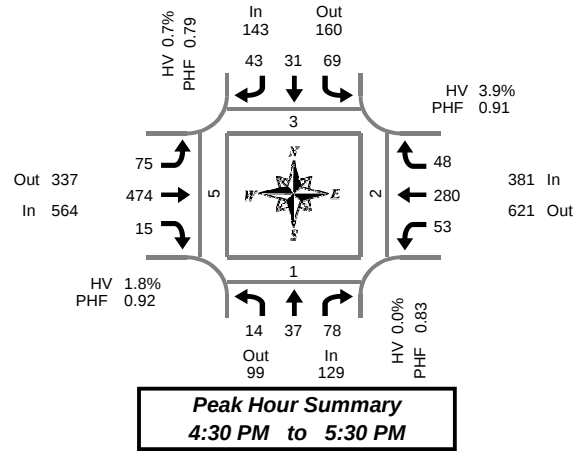


Clay Carney
(503) 833-2740

SE 43rd Ave & SE King Rd

Tuesday, April 28, 2015

4:00 PM to 6:00 PM



15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 43rd Ave				Southbound SE 43rd Ave				Eastbound SE King Rd				Westbound SE King Rd				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	1	9	17	0	17	10	5	0	19	110	4	1	9	51	20	0	272	1	1	0	1
4:15 PM	4	7	15	0	13	8	11	0	17	119	3	0	13	68	14	0	292	2	0	1	0
4:30 PM	3	8	18	0	15	6	7	0	16	124	5	0	14	58	16	0	290	1	0	1	2
4:45 PM	3	7	19	0	25	10	10	0	21	100	3	0	13	81	11	0	303	0	1	0	0
5:00 PM	4	12	23	0	16	9	14	0	21	119	2	0	15	74	11	0	320	1	0	1	1
5:15 PM	4	10	18	0	13	6	12	0	17	131	5	0	11	67	10	0	304	1	0	0	2
5:30 PM	4	9	19	0	15	8	11	0	19	106	3	0	20	48	11	0	273	0	0	3	1
5:45 PM	4	10	21	0	10	9	5	0	12	79	2	0	6	65	10	1	233	0	2	10	2
Total Survey	27	72	150	0	124	66	75	0	142	888	27	1	101	512	103	1	2,287	6	4	16	9

Peak Hour Summary

4:30 PM to 5:30 PM

By Approach	Northbound SE 43rd Ave				Southbound SE 43rd Ave				Eastbound SE King Rd				Westbound SE King Rd				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	129	99	228	0	143	160	303	0	564	337	901	0	381	621	1,002	0	1,217	3	1	2	5
%HV	0.0%				0.7%				1.8%				3.9%				2.1%				
PHF	0.83				0.79				0.92				0.91				0.95				

By Movement	Northbound SE 43rd Ave				Southbound SE 43rd Ave				Eastbound SE King Rd				Westbound SE King Rd				Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
Volume	14	37	78	129	69	31	43	143	75	474	15	564	53	280	48	381	1,217
%HV	0.0%	0.0%	0.0%	0.0%	1.4%	0.0%	0.0%	0.7%	0.0%	2.1%	0.0%	1.8%	1.9%	4.3%	4.2%	3.9%	2.1%
PHF	0.88	0.77	0.85	0.83	0.69	0.78	0.77	0.79	0.89	0.90	0.75	0.92	0.88	0.86	0.75	0.91	0.95

Rolling Hour Summary

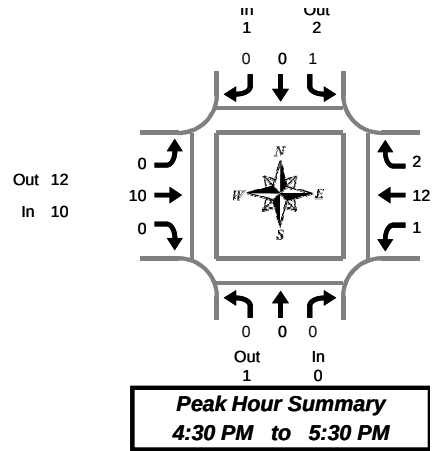
4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 43rd Ave				Southbound SE 43rd Ave				Eastbound SE King Rd				Westbound SE King Rd				Interval Total	Pedestrians Crosswalks			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	11	31	69	0	70	34	33	0	73	453	15	1	49	258	61	0	1,157	4	2	2	3
4:15 PM	14	34	75	0	69	33	42	0	75	462	13	0	55	281	52	0	1,205	4	1	3	3
4:30 PM	14	37	78	0	69	31	43	0	75	474	15	0	53	280	48	0	1,217	3	1	2	5
4:45 PM	15	38	79	0	69	33	47	0	78	456	13	0	59	270	43	0	1,200	2	1	4	4
5:00 PM	16	41	81	0	54	32	42	0	69	435	12	0	52	254	42	1	1,130	2	2	14	6

Heavy Vehicle Summary



Clay Carney
(503) 833-2740



SE 43rd Ave & SE King Rd

Tuesday, April 28, 2015

4:00 PM to 6:00 PM

Heavy Vehicle 15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 43rd Ave				Southbound SE 43rd Ave				Eastbound SE King Rd				Westbound SE King Rd				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	0	0	0	0	0	0	0	0	0	2	0	2	0	2	0	2	4
4:15 PM	0	0	0	0	1	0	0	1	1	3	0	4	0	2	0	2	7
4:30 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	3	0	3	4
4:45 PM	0	0	0	0	1	0	0	1	0	3	0	3	0	2	2	4	8
5:00 PM	0	0	0	0	0	0	0	0	0	4	0	4	0	2	0	2	6
5:15 PM	0	0	0	0	0	0	0	0	0	2	0	2	1	5	0	6	8
5:30 PM	0	0	0	0	0	0	0	0	0	3	0	3	0	1	0	1	4
5:45 PM	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	2
Total Survey	0	0	0	0	2	0	0	2	1	19	0	20	1	18	2	21	43

Heavy Vehicle Peak Hour Summary

4:30 PM to 5:30 PM

By Approach	Northbound SE 43rd Ave			Southbound SE 43rd Ave			Eastbound SE King Rd			Westbound SE King Rd			Total
	In	Out	Total	In	Out	Total	In	Out	Total	In	Out	Total	
Volume	0	1	1	1	2	3	10	12	22	15	11	26	26
PHF	0.00			0.13			0.28			0.31			0.30

By Movement	Northbound SE 43rd Ave				Southbound SE 43rd Ave				Eastbound SE King Rd				Westbound SE King Rd				Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
Volume	0	0	0	0	1	0	0	1	0	10	0	10	1	12	2	15	26
PHF	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.13	0.00	0.28	0.00	0.28	0.25	0.33	0.25	0.31	0.30

Heavy Vehicle Rolling Hour Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 43rd Ave				Southbound SE 43rd Ave				Eastbound SE King Rd				Westbound SE King Rd				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	0	0	0	0	2	0	0	2	1	9	0	10	0	9	2	11	23
4:15 PM	0	0	0	0	2	0	0	2	1	11	0	12	0	9	2	11	25
4:30 PM	0	0	0	0	1	0	0	1	0	10	0	10	1	12	2	15	26
4:45 PM	0	0	0	0	1	0	0	1	0	12	0	12	1	10	2	13	26
5:00 PM	0	0	0	0	0	0	0	0	0	10	0	10	1	9	0	10	20

Peak Hour Summary

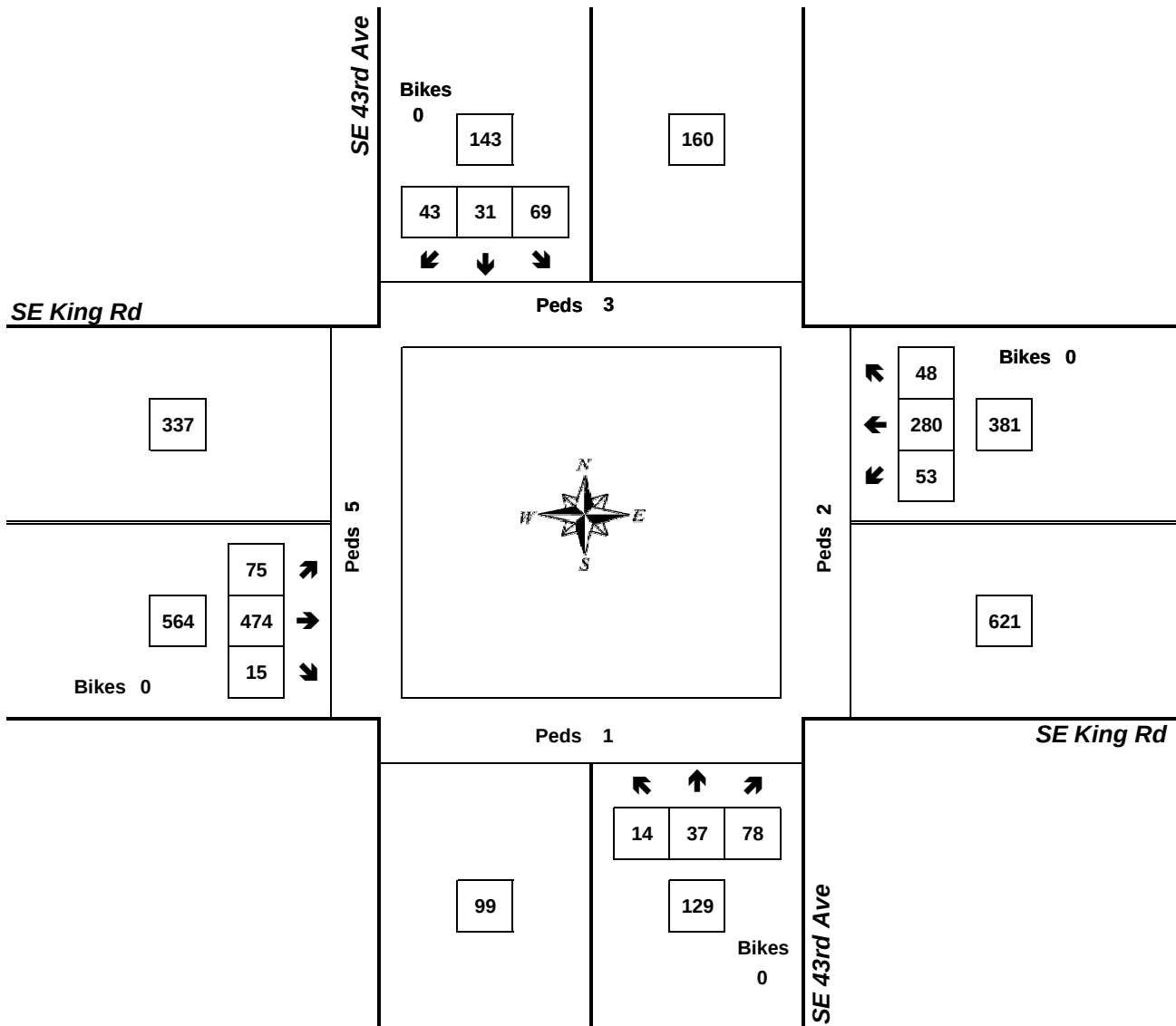


Clay Carney
(503) 833-2740

SE 43rd Ave & SE King Rd

4:30 PM to 5:30 PM

Tuesday, April 28, 2015



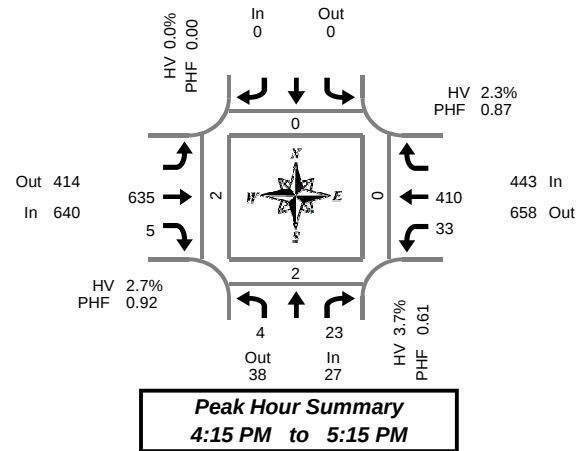
Approach	PHF	HV%	Volume
EB	0.92	1.8%	564
WB	0.91	3.9%	381
NB	0.83	0.0%	129
SB	0.79	0.7%	143
Intersection	0.95	2.1%	1,217

Count Period: 4:00 PM to 6:00 PM

Total Vehicle Summary



Clay Carney
(503) 833-2740



SE Home Ave & SE King Rd

Tuesday, April 28, 2015

4:00 PM to 6:00 PM

15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Home Ave				Southbound SE Home Ave				Eastbound SE King Rd				Westbound SE King Rd				Interval Total	Pedestrians Crosswalk			
	L		R	Bikes				Bikes	T	R	Bikes		L	T		Bikes		North	South	East	West
4:00 PM	1		3	0				0	147	3	0	5	83		0	0	242	0	0	0	0
4:15 PM	1		8	0				0	155	1	1	6	99		0	0	270	0	0	0	1
4:30 PM	3		8	0				0	165	0	1	7	94		0	0	277	0	1	0	0
4:45 PM	0		5	0				0	145	1	0	14	114		0	0	279	0	0	0	1
5:00 PM	0		2	0				0	170	3	0	6	103		0	0	284	0	1	0	0
5:15 PM	2		2	0				0	151	2	0	6	98		0	0	261	0	0	0	0
5:30 PM	2		9	0				0	154	4	0	10	79		0	0	258	0	2	0	0
5:45 PM	1		5	0				0	124	1	0	4	96		1	0	231	0	1	3	0
Total Survey	10		42	0				0	1,211	15	2	58	766		1	0	2,102	0	5	3	2

Peak Hour Summary

4:15 PM to 5:15 PM

By Approach	Northbound SE Home Ave				Southbound SE Home Ave				Eastbound SE King Rd				Westbound SE King Rd				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	27	38	65	0	0	0	0	0	640	414	1,054	2	443	658	1,101	0	1,110	0	2	0	2
%HV	3.7%				0.0%				2.7%				2.3%				2.5%				
PHF	0.61				0.00				0.92				0.87				0.98				

By Movement	Northbound SE Home Ave				Southbound SE Home Ave				Eastbound SE King Rd				Westbound SE King Rd				Total
	L		R	Total				Total	T	R	Total		L	T		Total	
Volume	4		23	27				0	635	5	640	33	410			443	1,110
%HV	0.0%	NA	4.3%	3.7%	NA	NA	NA	0.0%	NA	2.7%	0.0%	2.7%	3.0%	2.2%	NA	2.3%	2.5%
PHF	0.33		0.72	0.61				0.00	0.93	0.42	0.92	0.59	0.90			0.87	0.98

Rolling Hour Summary

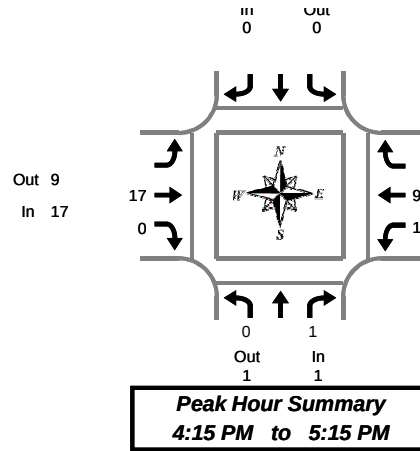
4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Home Ave				Southbound SE Home Ave				Eastbound SE King Rd				Westbound SE King Rd				Interval Total	Pedestrians Crosswalk			
	L		R	Bikes				Bikes	T	R	Bikes		L	T		Bikes		North	South	East	West
4:00 PM	5		24	0				0	612	5	2	32	390		0	0	1,068	0	1	0	2
4:15 PM	4		23	0				0	635	5	2	33	410		0	0	1,110	0	2	0	2
4:30 PM	5		17	0				0	631	6	1	33	409		0	0	1,101	0	2	0	1
4:45 PM	4		18	0				0	620	10	0	36	394		0	0	1,082	0	3	0	1
5:00 PM	5		18	0				0	599	10	0	26	376		1	0	1,034	0	4	3	0

Heavy Vehicle Summary



Clay Carney
(503) 833-2740



SE Home Ave & SE King Rd

Tuesday, April 28, 2015

4:00 PM to 6:00 PM

Heavy Vehicle 15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Home Ave				Southbound SE Home Ave				Eastbound SE King Rd				Westbound SE King Rd				Interval Total
	L		R	Total				Total	T	R	Total		L	T		Total	
4:00 PM	0		0	0				0	6	0	6	0	2			2	8
4:15 PM	0		0	0				0	5	0	5	1	3			4	9
4:30 PM	0		0	0				0	3	0	3	0	1			1	4
4:45 PM	0		1	1				0	4	0	4	0	3			3	8
5:00 PM	0		0	0				0	5	0	5	0	2			2	7
5:15 PM	0		0	0				0	2	0	2	0	7			7	9
5:30 PM	0		0	0				0	3	0	3	0	1			1	4
5:45 PM	0		0	0				0	1	0	1	0	2			2	3
Total Survey	0		1	1				0	29	0	29	1	21			22	52

Heavy Vehicle Peak Hour Summary

4:15 PM to 5:15 PM

By Approach	Northbound SE Home Ave				Southbound SE Home Ave				Eastbound SE King Rd				Westbound SE King Rd				Total
	In	Out	Total		In	Out	Total		In	Out	Total		In	Out	Total		
Volume	1	1	2		0	0	0		17	9	26		10	18	28		28
PHF	0.25				0.00				0.30				0.21				0.29

By Movement	Northbound SE Home Ave				Southbound SE Home Ave				Eastbound SE King Rd				Westbound SE King Rd				Total
	L		R	Total				Total	T	R	Total		L	T		Total	
Volume	0		1	1				0	17	0	17	1	9			10	28
PHF	0.00		0.25	0.25				0.00	0.30	0.00	0.30	0.25	0.19			0.21	0.29

Heavy Vehicle Rolling Hour Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Home Ave				Southbound SE Home Ave				Eastbound SE King Rd				Westbound SE King Rd				Interval Total
	L		R	Total				Total	T	R	Total		L	T		Total	
4:00 PM	0		1	1				0	18	0	18	1	9			10	29
4:15 PM	0		1	1				0	17	0	17	1	9			10	28
4:30 PM	0		1	1				0	14	0	14	0	13			13	28
4:45 PM	0		1	1				0	14	0	14	0	13			13	28
5:00 PM	0		0	0				0	11	0	11	0	12			12	23

Peak Hour Summary



Clay Carney
(503) 833-2740

SE Home Ave & SE King Rd

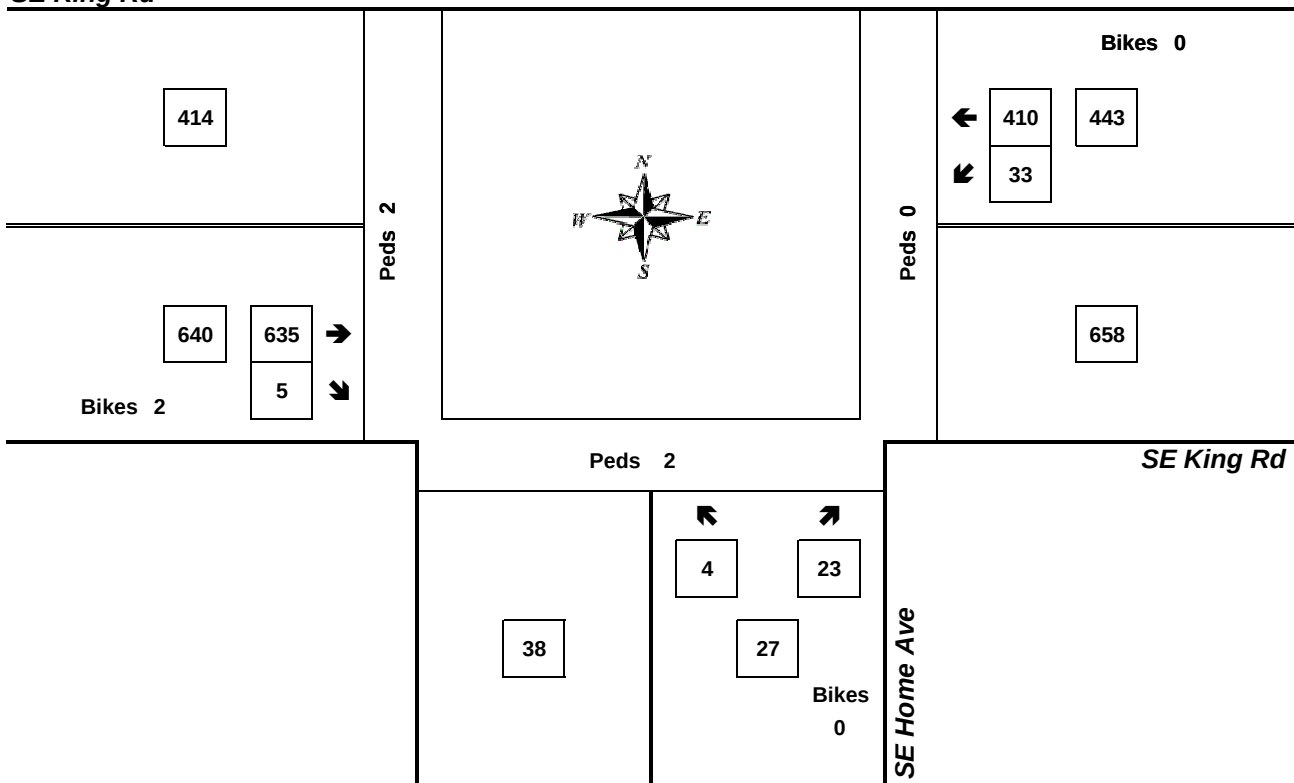
4:15 PM to 5:15 PM

Tuesday, April 28, 2015

Bikes
0

SE King Rd

Peds 0

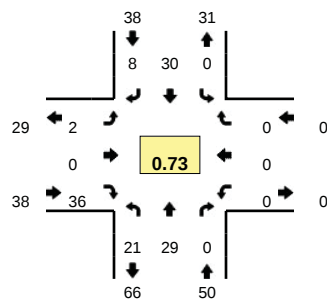


Approach	PHF	HV%	Volume
EB	0.92	2.7%	640
WB	0.87	2.3%	443
NB	0.61	3.7%	27
SB	0.00	0.0%	0
Intersection	0.98	2.5%	1,110

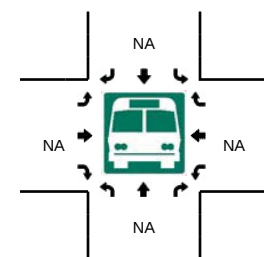
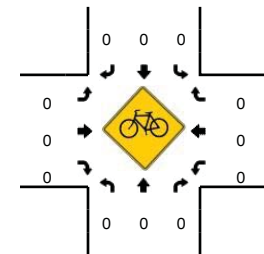
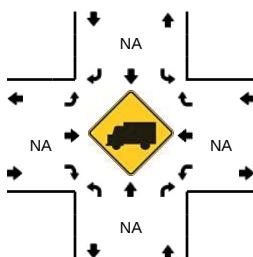
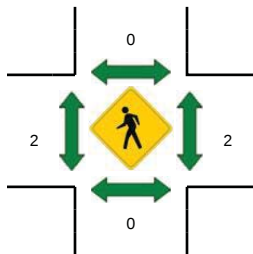
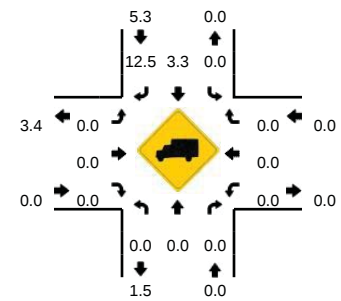
Count Period: 4:00 PM to 6:00 PM

LOCATION: SE Home Ave -- SE Harrison St
CITY/STATE: Milwaukie, OR

QC JOB #: 13168508
DATE: Wed, Jan 21 2015



Peak-Hour: 4:45 PM -- 5:45 PM
Peak 15-Min: 5:15 PM -- 5:30 PM

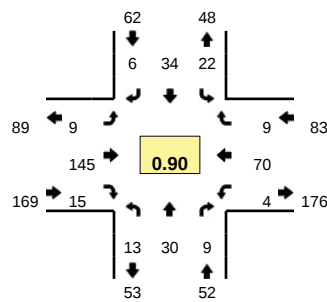


5-Min Count Period Beginning At	SE Home Ave (Northbound)				SE Home Ave (Southbound)				SE Harrison St (Eastbound)				SE Harrison St (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
4:00 PM	1	1	0	0	0	2	1	0	1	0	2	0	0	0	0	0	8	
4:05 PM	2	5	0	0	0	3	0	0	0	0	3	0	0	0	0	0	13	
4:10 PM	0	1	0	0	0	1	0	0	0	0	2	0	0	0	0	0	4	
4:15 PM	0	3	0	0	0	3	0	0	1	0	2	0	0	0	0	0	9	
4:20 PM	1	2	0	0	0	3	0	0	0	0	2	0	0	0	0	0	8	
4:25 PM	1	2	0	0	0	7	0	0	0	0	3	0	0	0	0	0	13	
4:30 PM	1	1	0	0	0	2	0	0	0	0	1	0	0	0	0	0	5	
4:35 PM	2	1	0	0	0	2	0	0	0	0	2	0	0	0	0	0	7	
4:40 PM	1	7	0	0	0	3	0	0	0	0	3	0	0	0	0	0	14	
4:45 PM	3	4	0	0	0	1	1	0	0	0	5	0	0	0	0	0	14	
4:50 PM	2	2	0	0	0	2	0	0	0	0	3	0	0	0	0	0	9	
4:55 PM	2	2	0	0	0	2	0	0	0	0	3	0	0	0	0	0	9	113
5:00 PM	1	1	0	0	0	2	1	0	1	0	3	0	0	0	0	0	9	114
5:05 PM	0	1	0	0	0	4	0	0	0	0	2	0	0	0	0	0	7	108
5:10 PM	1	0	0	0	0	2	1	0	1	0	0	0	0	0	0	0	5	109
5:15 PM	1	3	0	0	0	3	1	0	0	0	1	0	0	0	0	0	9	109
5:20 PM	3	6	0	0	0	0	1	0	0	0	6	0	0	0	0	0	16	117
5:25 PM	3	5	0	0	0	4	1	0	0	0	5	0	0	0	0	0	18	122
5:30 PM	1	1	0	0	0	1	1	0	0	0	3	0	0	0	0	0	7	124
5:35 PM	2	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	6	123
5:40 PM	2	4	0	0	0	5	1	0	0	0	5	0	0	0	0	0	17	126
5:45 PM	0	5	0	0	0	3	1	0	0	0	2	0	0	0	0	0	11	123
5:50 PM	0	0	0	0	0	2	0	0	0	0	4	0	0	0	0	0	6	120
5:55 PM	1	1	0	1	0	7	0	0	0	0	2	0	0	0	0	0	12	123
Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total	
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
All Vehicles	28	56	0	0	0	28	12	0	0	0	48	0	0	0	0	0	172	
Heavy Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Railroad																		
Stopped Buses																		

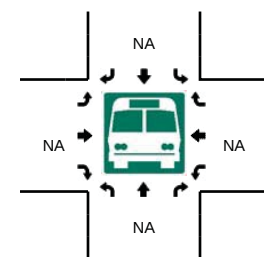
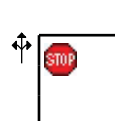
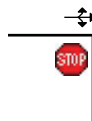
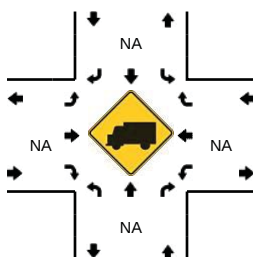
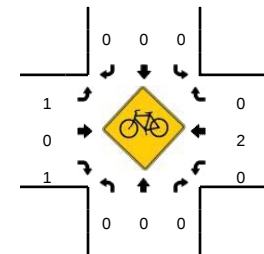
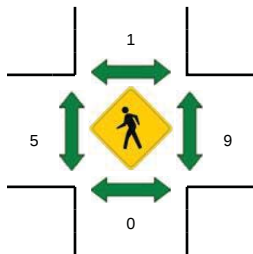
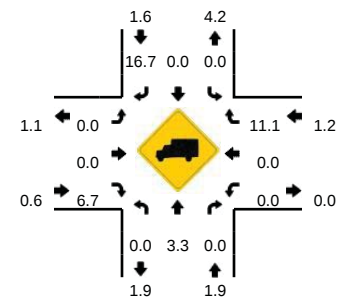
Comments:

LOCATION: SE Home Ave -- SE Monroe St
CITY/STATE: Milwaukie, OR

QC JOB #: 13168509
DATE: Wed, Jan 21 2015



Peak-Hour: 4:20 PM -- 5:20 PM
Peak 15-Min: 5:05 PM -- 5:20 PM



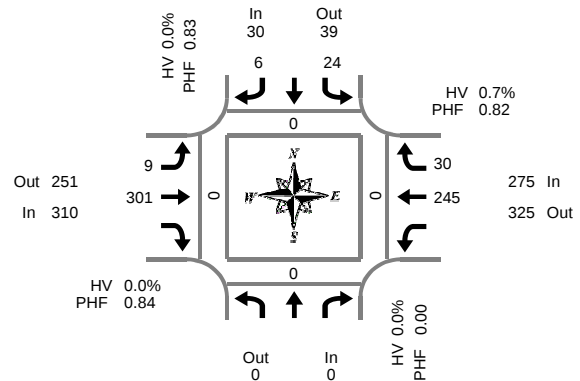
5-Min Count Period Beginning At	SE Home Ave (Northbound)				SE Home Ave (Southbound)				SE Monroe St (Eastbound)				SE Monroe St (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
4:00 PM	2	2	1	0	0	4	0	0	0	8	3	0	1	6	1	0	28	
4:05 PM	0	3	2	0	2	2	1	0	0	5	0	0	0	12	3	0	30	
4:10 PM	0	1	0	0	2	0	1	0	0	12	3	0	2	8	0	0	29	
4:15 PM	0	2	0	0	2	2	0	0	1	8	3	0	0	4	0	0	22	
4:20 PM	4	1	1	0	3	2	0	0	1	6	1	0	0	6	1	0	26	
4:25 PM	1	1	1	0	3	6	1	0	2	24	1	0	0	6	1	0	47	
4:30 PM	1	2	1	0	1	1	0	0	0	12	0	0	0	5	1	0	24	
4:35 PM	0	0	2	0	1	2	1	0	1	6	4	0	0	5	0	0	22	
4:40 PM	0	4	0	0	0	3	1	0	2	12	4	0	1	0	1	0	28	
4:45 PM	0	4	1	0	5	2	2	0	0	7	0	0	2	9	3	0	35	
4:50 PM	1	4	1	0	3	2	0	0	0	9	0	0	1	5	1	0	27	
4:55 PM	1	5	0	0	1	3	0	0	1	13	0	0	0	5	0	0	29	347
5:00 PM	0	2	0	0	4	2	0	0	0	12	0	0	0	6	0	0	26	345
5:05 PM	2	2	0	0	0	5	0	0	0	16	1	0	0	5	1	0	32	347
5:10 PM	1	1	1	0	0	2	1	0	1	9	2	0	0	7	0	0	25	343
5:15 PM	2	4	1	0	1	4	0	0	1	19	2	0	0	11	0	0	45	366
5:20 PM	0	3	0	0	0	2	0	0	3	9	4	0	1	2	1	0	25	365
5:25 PM	2	6	0	0	4	3	2	0	2	10	3	0	0	6	1	0	39	357
5:30 PM	1	2	1	0	3	2	0	0	0	4	1	0	1	3	0	0	18	351
5:35 PM	0	1	0	0	0	3	1	0	0	7	1	0	0	1	1	0	15	344
5:40 PM	0	4	1	0	2	3	2	0	0	9	3	0	0	8	2	0	34	350
5:45 PM	0	3	1	0	1	6	0	0	1	14	2	0	0	4	1	0	33	348
5:50 PM	0	0	0	0	3	1	0	0	0	8	0	0	1	5	0	0	18	339
5:55 PM	0	1	0	0	1	8	0	0	1	8	2	0	0	10	2	0	33	343
Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total	
All Vehicles	20	28	8	0	4	44	4	0	8	176	20	0	0	92	4	0	408	
Heavy Trucks	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	
Pedestrians	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Bicycles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Railroad																		
Stopped Buses																		

Comments:

Total Vehicle Summary



Clay Carney
(503) 833-2740



SE Home Ave & SE Railroad Ave

Tuesday, April 28, 2015

4:00 PM to 6:00 PM

Peak Hour Summary
4:45 PM to 5:45 PM

15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Home Ave				Southbound SE Home Ave				Eastbound SE Railroad Ave				Westbound SE Railroad Ave				Interval Total	Pedestrians Crosswalk			
				Bikes	L		R	Bikes	L	T		Bikes		T	R	Bikes		North	South	East	West
4:00 PM				0	1		1	0	4	69		0		50	2	0	127	0	0	0	0
4:15 PM				0	6		0	0	6	81		0		42	4	0	139	0	0	0	0
4:30 PM				0	2		2	0	3	93		0		42	12	0	154	0	0	0	0
4:45 PM				0	7		2	0	3	69		0		54	8	0	143	0	0	0	0
5:00 PM				0	5		1	0	2	90		0		70	4	0	172	0	0	0	0
5:15 PM				0	7		1	0	2	73		0		47	8	0	138	0	0	0	0
5:30 PM				0	5		2	0	2	69		0		74	10	0	162	0	0	0	0
5:45 PM				0	4		1	0	3	74		0		40	7	0	129	0	0	0	0
Total Survey				0	37		10	0	25	618		0		419	55	0	1,164	0	0	0	0

Peak Hour Summary

4:45 PM to 5:45 PM

By Approach	Northbound SE Home Ave				Southbound SE Home Ave				Eastbound SE Railroad Ave				Westbound SE Railroad Ave				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	0	0	0	0	30	39	69	0	310	251	561	0	275	325	600	0	615	0	0	0	0
%HV	0.0%				0.0%				0.0%				0.7%				0.3%				
PHF	0.00				0.83				0.84				0.82				0.89				

By Movement	Northbound SE Home Ave				Southbound SE Home Ave				Eastbound SE Railroad Ave				Westbound SE Railroad Ave				Total
				Total	L		R	Total	L	T		Total		T	R	Total	
Volume				0	24		6	30	9	301		310		245	30	275	615
%HV	NA	NA	NA	0.0%	0.0%	NA	0.0%	0.0%	0.0%	0.0%	NA	0.0%	NA	0.0%	6.7%	0.7%	0.3%
PHF				0.00	0.86		0.75	0.83	0.75	0.84		0.84		0.83	0.75	0.82	0.89

Rolling Hour Summary

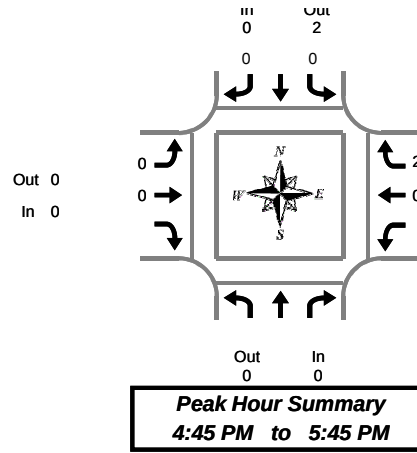
4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Home Ave				Southbound SE Home Ave				Eastbound SE Railroad Ave				Westbound SE Railroad Ave				Interval Total	Pedestrians Crosswalk			
				Bikes	L		R	Bikes	L	T		Bikes		T	R	Bikes		North	South	East	West
4:00 PM				0	16		5	0	16	312		0		188	26	0	563	0	0	0	0
4:15 PM				0	20		5	0	14	333		0		208	28	0	608	0	0	0	0
4:30 PM				0	21		6	0	10	325		0		213	32	0	607	0	0	0	0
4:45 PM				0	24		6	0	9	301		0		245	30	0	615	0	0	0	0
5:00 PM				0	21		5	0	9	306		0		231	29	0	601	0	0	0	0

Heavy Vehicle Summary



Clay Carney
(503) 833-2740



SE Home Ave & SE Railroad Ave

Tuesday, April 28, 2015

4:00 PM to 6:00 PM

Heavy Vehicle 15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Home Ave			Southbound SE Home Ave			Eastbound SE Railroad Ave				Westbound SE Railroad Ave				Interval Total
			Total	L		R	Total	L	T	Total		T	R	Total	
4:00 PM			0	0		0	0	0	1	1		1	0	1	2
4:15 PM			0	0		0	0	0	0	0		1	0	1	1
4:30 PM			0	0		0	0	0	0	0		1	0	1	1
4:45 PM			0	0		0	0	0	0	0		0	0	0	0
5:00 PM			0	0		0	0	0	0	0		0	1	1	1
5:15 PM			0	0		0	0	0	0	0		0	1	1	1
5:30 PM			0	0		0	0	0	0	0		0	0	0	0
5:45 PM			0	1		0	1	0	0	0		2	0	2	3
Total Survey			0	1		0	1	0	1	1		5	2	7	9

Heavy Vehicle Peak Hour Summary

4:45 PM to 5:45 PM

By Approach	Northbound SE Home Ave			Southbound SE Home Ave			Eastbound SE Railroad Ave			Westbound SE Railroad Ave			Total
	In	Out	Total	In	Out	Total	In	Out	Total	In	Out	Total	
Volume	0	0	0	0	2	2	0	0	0	2	0	2	2
PHF	0.00			0.00			0.00			0.17			0.13

By Movement	Northbound SE Home Ave			Southbound SE Home Ave				Eastbound SE Railroad Ave				Westbound SE Railroad Ave				Total
			Total	L		R	Total	L	T		Total		T	R	Total	
Volume			0	0		0	0	0	0	0	0		0	0	2	2
PHF			0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.25	0.17	0.13

Heavy Vehicle Rolling Hour Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Home Ave			Southbound SE Home Ave			Eastbound SE Railroad Ave			Westbound SE Railroad Ave			Interval Total			
			Total	L	R	Total	L	T	Total	T	R	Total				
4:00 PM			0	0		0	0	0	1		1		3	0	3	4
4:15 PM			0	0		0	0	0	0		0		2	1	3	3
4:30 PM			0	0		0	0	0	0		0		1	2	3	3
4:45 PM			0	0		0	0	0	0		0		0	2	2	2
5:00 PM			0	1		0	1	0	0		0		2	2	4	5

The logo for All Traffic Data Services Inc. is an oval-shaped emblem. It features the text "All Traffic Data" in a large, white, serif font at the top. Below this, there is a horizontal line of yellow squares, with the last three squares replaced by the binary sequence "1010110" in yellow. At the bottom of the oval, the words "Services Inc." are written in a smaller, white, serif font.

Approach	PHF	HV%	Volume
EB	0.84	0.0%	310
WB	0.82	0.7%	275
NB	0.00	0.0%	0
SB	0.83	0.0%	30
Intersection	0.89	0.3%	615

Count Period: 4:00 PM to 6:00 PM

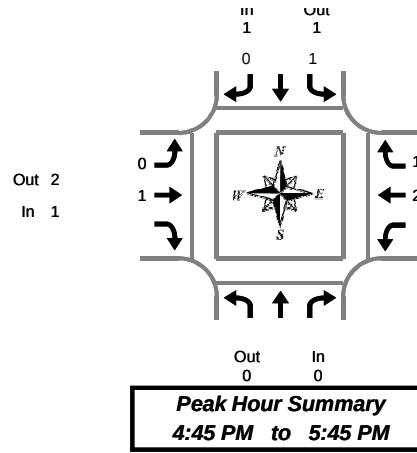
All Traffic Data
Services Inc.

Interval Start Time	Northbound SE Stanley Ave			Southbound SE Stanley Ave			Eastbound SE Railroad Ave			Westbound SE Railroad Ave			Interval Total	Pedestrians Crosswalk						
			Bikes	L		R	Bikes	L	T		Bikes			T	R	Bikes	North	South	East	West
4:00 PM			0	37		21	0	15	310		0		227	39	0	649	0	0	0	0
4:15 PM			0	35		16	0	14	337		0		247	39	0	688	0	0	0	0
4:30 PM			0	34		15	0	17	329		0		259	37	0	691	0	0	0	0
4:45 PM			0	34		16	0	18	308		0		277	42	0	695	0	0	0	0
5:00 PM			0	35		11	0	23	307		0		264	39	0	679	0	0	0	0

Heavy Vehicle Summary



Clay Carney
(503) 833-2740



SE Stanley Ave & SE Railroad Ave

Tuesday, April 28, 2015

4:00 PM to 6:00 PM

Heavy Vehicle 15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Stanley Ave			Southbound SE Stanley Ave			Eastbound SE Railroad Ave				Westbound SE Railroad Ave				Interval Total
			Total	L	R	Total	L	T	Total		T	R	Total		
4:00 PM			0	0		1	1	1	1	2		0	0	0	3
4:15 PM			0	0		0	0	0	0	0		1	1	2	2
4:30 PM			0	0		0	0	0	0	0		0	0	0	0
4:45 PM			0	0		0	0	0	0	0		0	0	0	0
5:00 PM			0	0		0	0	0	0	0		1	1	2	2
5:15 PM			0	1		0	1	0	0	0		1	0	1	2
5:30 PM			0	0		0	0	0	1	1		0	0	0	1
5:45 PM			0	0		1	1	0	1	1		2	0	2	4
Total Survey			0	1		2	3	1	3	4		5	2	7	14

Heavy Vehicle Peak Hour Summary

4:45 PM to 5:45 PM

By Approach	Northbound SE Stanley Ave			Southbound SE Stanley Ave			Eastbound SE Railroad Ave			Westbound SE Railroad Ave			Total
	In	Out	Total	In	Out	Total	In	Out	Total	In	Out	Total	
Volume	0	0	0	1	1	2	1	2	3	3	2	5	5
PHF	0.00			0.13			0.13			0.25			0.18

By Movement	Northbound SE Stanley Ave			Southbound SE Stanley Ave			Eastbound SE Railroad Ave			Westbound SE Railroad Ave			Total		
			Total	L		R	Total	L	T		Total	T		R	Total
Volume			0	1		0	1	0	1		1	2	1	3	5
PHF			0.00	0.25		0.00	0.13	0.00	0.13		0.13	0.17	0.25	0.25	0.18

Heavy Vehicle Rolling Hour Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Stanley Ave			Southbound SE Stanley Ave			Eastbound SE Railroad Ave			Westbound SE Railroad Ave			Interval Total			
			Total	L	R	Total	L	T	Total	T	R	Total				
4:00 PM			0	0		1	1	1	1		2		1	1	2	5
4:15 PM			0	0		0	0	0	0		0		2	2	4	4
4:30 PM			0	1		0	1	0	0		0		2	1	3	4
4:45 PM			0	1		0	1	0	1		1		2	1	3	5
5:00 PM			0	1		1	2	0	2		2		4	1	5	9

Peak Hour Summary

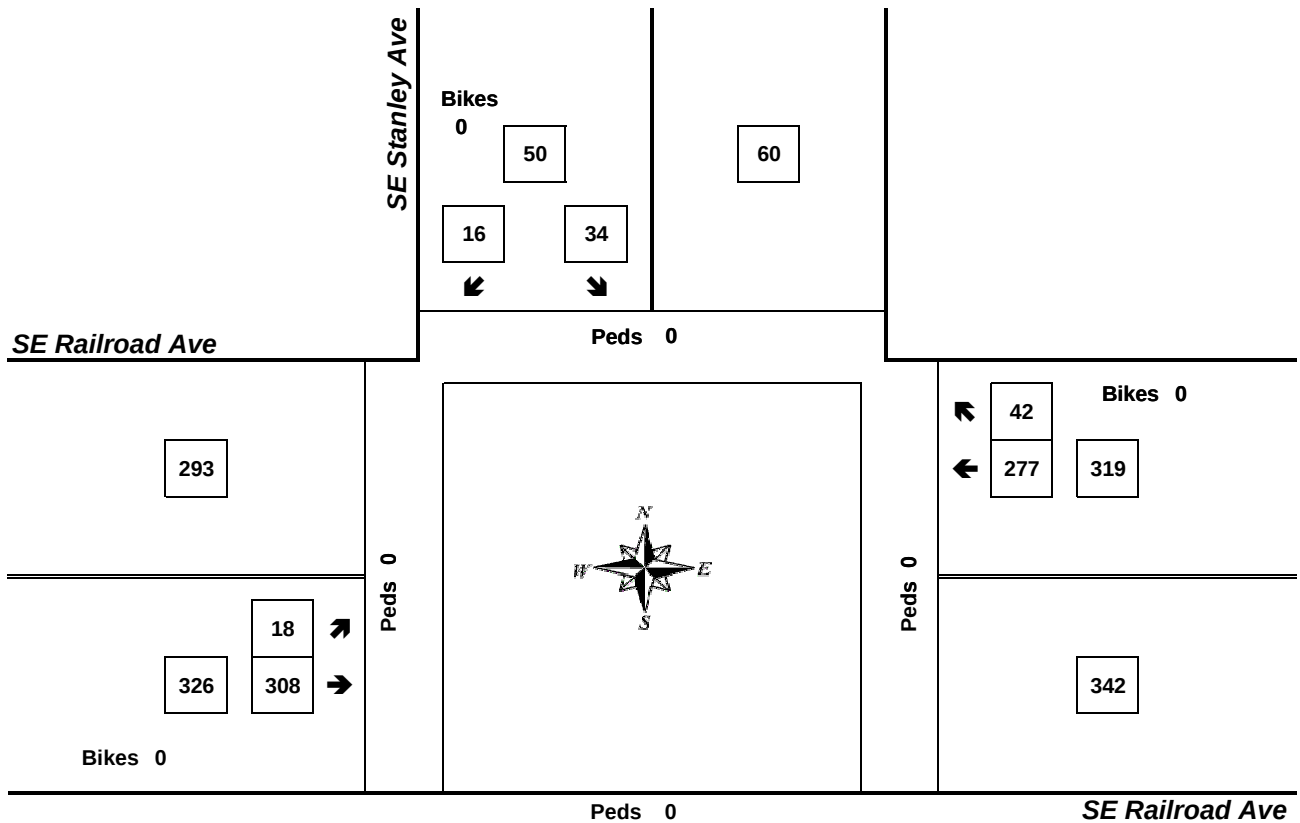


Clay Carney
(503) 833-2740

SE Stanley Ave & SE Railroad Ave

4:45 PM to 5:45 PM

Tuesday, April 28, 2015



Bikes
0

Approach	PHF	HV%	Volume
EB	0.84	0.3%	326
WB	0.95	0.9%	319
NB	0.00	0.0%	0
SB	0.83	2.0%	50
Intersection	0.94	0.7%	695

Count Period: 4:00 PM to 6:00 PM

Total Vehicle Summary

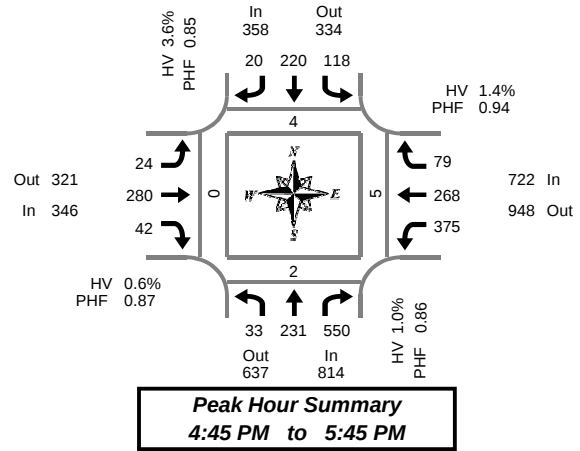


Clay Carney
(503) 833-2740

SE Linwood Ave & SE Railroad Ave

Tuesday, April 28, 2015

4:00 PM to 6:00 PM



15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Linwood Ave				Southbound SE Linwood Ave				Eastbound SE Railroad Ave				Westbound SE Railroad Ave				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	3	69	171	2	34	46	2	1	7	74	9	0	82	53	23	0	573	0	0	0	1
4:15 PM	8	55	123	2	30	53	5	0	4	67	11	0	77	51	25	0	509	0	1	1	0
4:30 PM	5	51	148	1	28	36	3	0	4	81	7	0	80	53	25	0	521	2	1	1	2
4:45 PM	8	59	128	1	27	61	5	0	5	62	12	0	100	68	18	0	553	1	0	3	0
5:00 PM	6	52	129	2	38	60	7	0	4	86	10	0	79	66	21	0	558	0	2	2	0
5:15 PM	8	53	134	2	22	46	3	1	9	71	12	1	107	65	21	0	551	2	0	0	0
5:30 PM	11	67	159	1	31	53	5	1	6	61	8	0	89	69	19	0	578	1	0	0	0
5:45 PM	5	25	102	2	25	43	1	1	4	76	7	0	73	67	24	0	452	1	0	0	1
Total Survey	54	431	1,094	13	235	398	31	4	43	578	76	1	687	492	176	0	4,295	7	4	7	4

Peak Hour Summary

4:45 PM to 5:45 PM

By Approach	Northbound SE Linwood Ave				Southbound SE Linwood Ave				Eastbound SE Railroad Ave				Westbound SE Railroad Ave				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	814	637	1,451	6	358	334	692	2	346	321	667	1	722	948	1,670	0	2,240	4	2	5	0
%HV	1.0%				3.6%				0.6%				1.4%				1.5%				
PHF	0.86				0.85				0.87				0.94				0.97				

By Movement	Northbound SE Linwood Ave				Southbound SE Linwood Ave				Eastbound SE Railroad Ave				Westbound SE Railroad Ave				Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
Volume	33	231	550	814	118	220	20	358	24	280	42	346	375	268	79	722	2,240
%HV	0.0%	1.7%	0.7%	1.0%	0.8%	5.5%	0.0%	3.6%	0.0%	0.4%	2.4%	0.6%	1.6%	1.1%	1.3%	1.4%	1.5%
PHF	0.75	0.86	0.86	0.86	0.78	0.90	0.71	0.85	0.67	0.81	0.88	0.87	0.88	0.97	0.94	0.94	0.97

Rolling Hour Summary

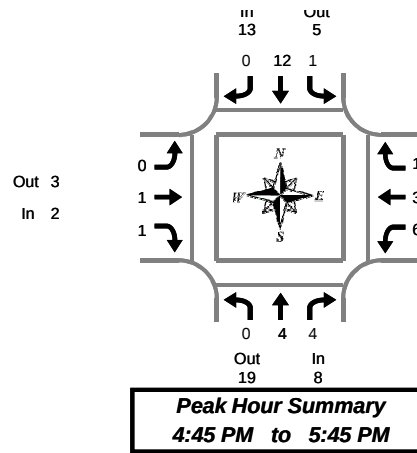
4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Linwood Ave				Southbound SE Linwood Ave				Eastbound SE Railroad Ave				Westbound SE Railroad Ave				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	24	234	570	6	119	196	15	1	20	284	39	0	339	225	91	0	2,156	3	2	5	3
4:15 PM	27	217	528	6	123	210	20	0	17	296	40	0	336	238	89	0	2,141	3	4	7	2
4:30 PM	27	215	539	6	115	203	18	1	22	300	41	1	366	252	85	0	2,183	5	3	6	2
4:45 PM	33	231	550	6	118	220	20	2	24	280	42	1	375	268	79	0	2,240	4	2	5	0
5:00 PM	30	197	524	7	116	202	16	3	23	294	37	1	348	267	85	0	2,139	4	2	2	1

Heavy Vehicle Summary



Clay Carney
(503) 833-2740



SE Linwood Ave & SE Railroad Ave

Tuesday, April 28, 2015

4:00 PM to 6:00 PM

Heavy Vehicle 15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Linwood Ave				Southbound SE Linwood Ave				Eastbound SE Railroad Ave				Westbound SE Railroad Ave				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	0	1	1	2	0	2	0	2	0	1	0	1	2	0	1	3	8
4:15 PM	2	4	4	10	1	2	0	3	0	0	0	0	1	0	1	2	15
4:30 PM	0	1	0	1	1	1	0	2	0	0	0	0	1	0	0	1	4
4:45 PM	0	0	0	0	0	6	0	6	0	0	0	0	2	0	0	2	8
5:00 PM	0	1	1	2	1	3	0	4	0	0	0	0	1	2	0	3	9
5:15 PM	0	3	3	6	0	0	0	0	0	0	1	1	1	1	0	2	9
5:30 PM	0	0	0	0	0	3	0	3	0	1	0	1	2	0	1	3	7
5:45 PM	0	0	0	0	0	1	0	1	0	1	0	1	0	2	0	2	4
Total Survey	2	10	9	21	3	18	0	21	0	3	1	4	10	5	3	18	64

Heavy Vehicle Peak Hour Summary

4:45 PM to 5:45 PM

By Approach	Northbound SE Linwood Ave			Southbound SE Linwood Ave			Eastbound SE Railroad Ave			Westbound SE Railroad Ave			Total
	In	Out	Total	In	Out	Total	In	Out	Total	In	Out	Total	
Volume	8	19	27	13	5	18	2	3	5	10	6	16	33
PHF	0.15			0.27			0.17			0.31			0.31

By Movement	Northbound SE Linwood Ave				Southbound SE Linwood Ave				Eastbound SE Railroad Ave				Westbound SE Railroad Ave				Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
Volume	0	4	4	8	1	12	0	13	0	1	1	2	6	3	1	10	33
PHF	0.00	0.17	0.20	0.15	0.13	0.30	0.00	0.27	0.00	0.13	0.25	0.17	0.38	0.25	0.13	0.31	0.31

Heavy Vehicle Rolling Hour Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Linwood Ave				Southbound SE Linwood Ave				Eastbound SE Railroad Ave				Westbound SE Railroad Ave				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	2	6	5	13	2	11	0	13	0	1	0	1	6	0	2	8	35
4:15 PM	2	6	5	13	3	12	0	15	0	0	0	0	5	2	1	8	36
4:30 PM	0	5	4	9	2	10	0	12	0	0	1	1	5	3	0	8	30
4:45 PM	0	4	4	8	1	12	0	13	0	1	1	2	6	3	1	10	33
5:00 PM	0	4	4	8	1	7	0	8	0	2	1	3	4	5	1	10	29

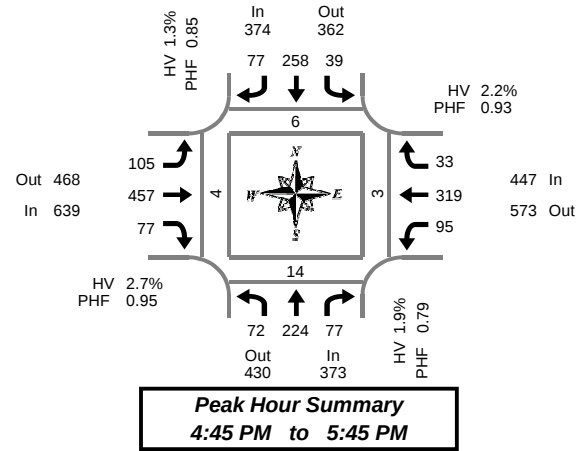
All Traffic Data
Services Inc.

Count Period: 4:00 PM to 6:00 PM

Total Vehicle Summary



Clay Carney
(503) 833-2740



SE Linwood Ave & SE King Rd

Tuesday, April 28, 2015

4:00 PM to 6:00 PM

15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Linwood Ave				Southbound SE Linwood Ave				Eastbound SE King Rd				Westbound SE King Rd				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	20	56	21	1	13	62	14	0	28	113	27	0	14	75	10	0	453	5	0	0	1
4:15 PM	16	43	24	0	11	55	25	0	26	113	24	2	15	60	6	0	418	0	2	0	4
4:30 PM	22	63	20	0	14	60	24	2	30	112	15	0	18	60	14	0	452	1	0	0	1
4:45 PM	14	51	17	0	10	74	26	0	23	117	24	0	20	92	8	0	476	0	1	0	0
5:00 PM	14	49	15	0	10	58	12	0	32	114	22	3	28	73	8	0	435	0	3	0	1
5:15 PM	19	60	16	3	11	62	19	1	24	113	14	0	26	87	5	0	456	2	6	0	3
5:30 PM	25	64	29	1	8	64	20	1	26	113	17	0	21	67	12	0	466	4	4	3	0
5:45 PM	14	36	13	0	6	42	28	1	18	98	18	1	21	63	6	1	363	1	2	0	2
Total Survey	144	422	155	5	83	477	168	5	207	893	161	6	163	577	69	1	3,519	13	18	3	12

Peak Hour Summary

4:45 PM to 5:45 PM

By Approach	Northbound SE Linwood Ave				Southbound SE Linwood Ave				Eastbound SE King Rd				Westbound SE King Rd				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	373	430	803	4	374	362	736	2	639	468	1,107	3	447	573	1,020	0	1,833	6	14	3	4
%HV	1.9%				1.3%				2.7%				2.2%				2.1%				
PHF	0.79				0.85				0.95				0.93				0.96				

By Movement	Northbound SE Linwood Ave				Southbound SE Linwood Ave				Eastbound SE King Rd				Westbound SE King Rd				Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
Volume	72	224	77	373	39	258	77	374	105	457	77	639	95	319	33	447	1,833
%HV	4.2%	1.3%	1.3%	1.9%	0.0%	1.2%	2.6%	1.3%	1.9%	2.6%	3.9%	2.7%	4.2%	1.9%	0.0%	2.2%	2.1%
PHF	0.72	0.88	0.66	0.79	0.89	0.87	0.74	0.85	0.82	0.98	0.80	0.95	0.85	0.87	0.69	0.93	0.96

Rolling Hour Summary

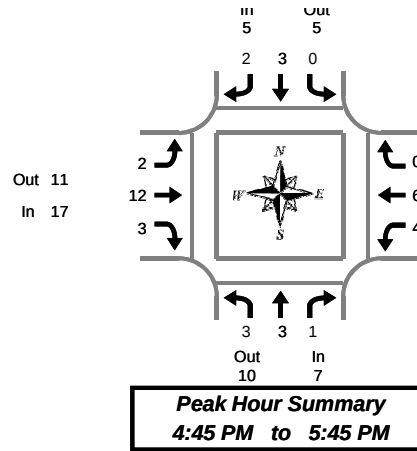
4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Linwood Ave				Southbound SE Linwood Ave				Eastbound SE King Rd				Westbound SE King Rd				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	72	213	82	1	48	251	89	2	107	455	90	2	67	287	38	0	1,799	6	3	0	6
4:15 PM	66	206	76	0	45	247	87	2	111	456	85	5	81	285	36	0	1,781	1	6	0	6
4:30 PM	69	223	68	3	45	254	81	3	109	456	75	3	92	312	35	0	1,819	3	10	0	5
4:45 PM	72	224	77	4	39	258	77	2	105	457	77	3	95	319	33	0	1,833	6	14	3	4
5:00 PM	72	209	73	4	35	226	79	3	100	438	71	4	96	290	31	1	1,720	7	15	3	6

Heavy Vehicle Summary



Clay Carney
(503) 833-2740



SE Linwood Ave & SE King Rd

Tuesday, April 28, 2015

4:00 PM to 6:00 PM

Heavy Vehicle 15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Linwood Ave				Southbound SE Linwood Ave				Eastbound SE King Rd				Westbound SE King Rd				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	0	0	1	1	0	2	0	2	2	4	0	6	0	2	1	3	12
4:15 PM	1	0	3	4	0	0	2	2	2	6	0	8	1	2	0	3	17
4:30 PM	0	1	0	1	0	2	1	3	0	2	0	2	1	1	2	4	10
4:45 PM	1	1	0	2	0	1	0	1	0	3	1	4	3	2	0	5	12
5:00 PM	0	1	0	1	0	0	0	0	2	4	2	8	0	0	0	0	9
5:15 PM	1	1	1	3	0	1	1	2	0	3	0	3	0	4	0	4	12
5:30 PM	1	0	0	1	0	1	1	2	0	2	0	2	1	0	0	1	6
5:45 PM	0	0	0	0	0	2	0	2	0	2	0	2	1	2	0	3	7
Total Survey	4	4	5	13	0	9	5	14	6	26	3	35	7	13	3	23	85

Heavy Vehicle Peak Hour Summary

4:45 PM to 5:45 PM

By Approach	Northbound SE Linwood Ave			Southbound SE Linwood Ave			Eastbound SE King Rd			Westbound SE King Rd			Total
	In	Out	Total	In	Out	Total	In	Out	Total	In	Out	Total	
Volume	7	10	17	5	5	10	17	11	28	10	13	23	39
PHF	0.25			0.18			0.27			0.21			0.25

By Movement	Northbound SE Linwood Ave				Southbound SE Linwood Ave				Eastbound SE King Rd				Westbound SE King Rd				Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
Volume	3	3	1	7	0	3	2	5	2	12	3	17	4	6	0	10	39
PHF	0.38	0.25	0.06	0.25	0.00	0.19	0.17	0.18	0.13	0.25	0.25	0.27	0.20	0.25	0.00	0.21	0.25

Heavy Vehicle Rolling Hour Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Linwood Ave				Southbound SE Linwood Ave				Eastbound SE King Rd				Westbound SE King Rd				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	2	2	4	8	0	5	3	8	4	15	1	20	5	7	3	15	51
4:15 PM	2	3	3	8	0	3	3	6	4	15	3	22	5	5	2	12	48
4:30 PM	2	4	1	7	0	4	2	6	2	12	3	17	4	7	2	13	43
4:45 PM	3	3	1	7	0	3	2	5	2	12	3	17	4	6	0	10	39
5:00 PM	2	2	1	5	0	4	2	6	2	11	2	15	2	6	0	8	34

All Traffic Data
Services Inc.

Count Period: 4:00 PM to 6:00 PM

Total Vehicle Summary

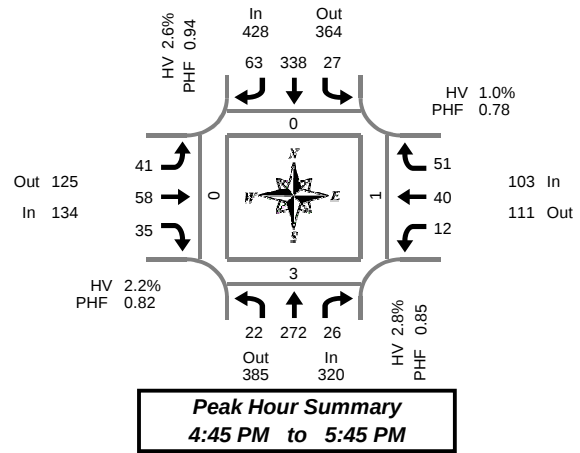


Clay Carney
(503) 833-2740

SE Linwood Ave & SE Monroe St

Tuesday, April 28, 2015

4:00 PM to 6:00 PM



15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Linwood Ave				Southbound SE Linwood Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	5	76	5	1	8	79	9	0	9	8	12	0	6	12	13	0	242	0	0	0	1
4:15 PM	4	60	8	0	9	77	14	0	10	14	8	0	1	7	11	0	223	0	1	0	0
4:30 PM	5	73	3	0	14	62	19	1	6	22	18	0	3	9	13	0	247	0	0	0	1
4:45 PM	7	56	5	1	9	83	18	0	7	15	11	0	3	10	14	0	238	0	2	0	0
5:00 PM	5	66	6	0	8	88	18	1	10	13	9	0	6	8	15	0	252	0	0	0	0
5:15 PM	1	76	4	2	3	88	10	0	10	11	7	0	1	9	4	0	224	0	1	0	0
5:30 PM	9	74	11	1	7	79	17	3	14	19	8	0	2	13	18	1	271	0	0	1	0
5:45 PM	4	56	3	1	8	65	10	2	3	12	6	0	4	10	10	0	191	0	0	0	0
Total Survey	40	537	45	6	66	621	115	7	69	114	79	0	26	78	98	1	1,888	0	4	1	2

Peak Hour Summary

4:45 PM to 5:45 PM

By Approach	Northbound SE Linwood Ave				Southbound SE Linwood Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	320	385	705	4	428	364	792	4	134	125	259	0	103	111	214	1	985	0	3	1	0
%HV	2.8%				2.6%				2.2%				1.0%				2.4%				
PHF	0.85				0.94				0.82				0.78				0.91				

By Movement	Northbound SE Linwood Ave				Southbound SE Linwood Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
Volume	22	272	26	320	27	338	63	428	41	58	35	134	12	40	51	103	985
%HV	0.0%	2.6%	7.7%	2.8%	7.4%	2.1%	3.2%	2.6%	0.0%	1.7%	5.7%	2.2%	0.0%	0.0%	2.0%	1.0%	2.4%
PHF	0.61	0.89	0.59	0.85	0.75	0.96	0.88	0.94	0.73	0.76	0.80	0.82	0.50	0.77	0.71	0.78	0.91

Rolling Hour Summary

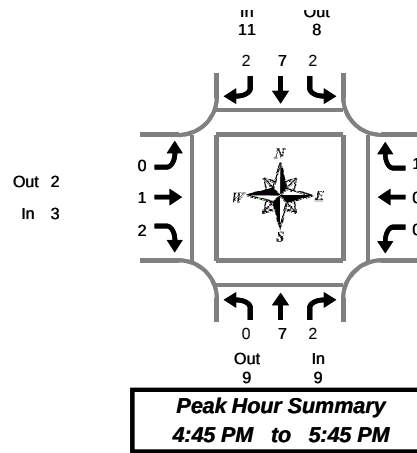
4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Linwood Ave				Southbound SE Linwood Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	21	265	21	2	40	301	60	1	32	59	49	0	13	38	51	0	950	0	3	0	2
4:15 PM	21	255	22	1	40	310	69	2	33	64	46	0	13	34	53	0	960	0	3	0	1
4:30 PM	18	271	18	3	34	321	65	2	33	61	45	0	13	36	46	0	961	0	3	0	1
4:45 PM	22	272	26	4	27	338	63	4	41	58	35	0	12	40	51	1	985	0	3	1	0
5:00 PM	19	272	24	4	26	320	55	6	37	55	30	0	13	40	47	1	938	0	1	1	0

Heavy Vehicle Summary



Clay Carney
(503) 833-2740



SE Linwood Ave & SE Monroe St

Tuesday, April 28, 2015

4:00 PM to 6:00 PM

Heavy Vehicle 15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Linwood Ave				Southbound SE Linwood Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	1	2	0	3	0	0	1	1	0	2	3	5	0	1	1	2	11
4:15 PM	0	3	2	5	0	0	0	0	1	0	0	1	0	0	0	0	6
4:30 PM	0	0	0	0	0	3	0	3	0	0	1	1	0	0	1	1	5
4:45 PM	0	2	0	2	2	4	1	7	0	0	2	2	0	0	1	1	12
5:00 PM	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2
5:15 PM	0	3	2	5	0	1	0	1	0	1	0	1	0	0	0	0	7
5:30 PM	0	1	0	1	0	1	1	2	0	0	0	0	0	0	0	0	3
5:45 PM	0	0	0	0	1	1	1	3	0	0	0	0	0	0	0	0	3
Total Survey	1	12	4	17	3	11	4	18	1	3	6	10	0	1	3	4	49

Heavy Vehicle Peak Hour Summary

4:45 PM to 5:45 PM

By Approach	Northbound SE Linwood Ave				Southbound SE Linwood Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Total
	In	Out	Total		In	Out	Total		In	Out	Total		In	Out	Total		
Volume	9	9	18		11	8	19		3	2	5		1	5	6		24
PHF	0.28				0.25				0.11				0.08				0.26

By Movement	Northbound SE Linwood Ave				Southbound SE Linwood Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
Volume	0	7	2	9	2	7	2	11	0	1	2	3	0	0	1	1	24
PHF	0.00	0.29	0.25	0.28	0.25	0.22	0.25	0.25	0.00	0.13	0.13	0.11	0.00	0.00	0.13	0.08	0.26

Heavy Vehicle Rolling Hour Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Linwood Ave				Southbound SE Linwood Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	1	7	2	10	2	7	2	11	1	2	6	9	0	1	3	4	34
4:15 PM	0	6	2	8	2	8	1	11	1	0	3	4	0	0	2	2	25
4:30 PM	0	6	2	8	2	9	1	12	0	1	3	4	0	0	2	2	26
4:45 PM	0	7	2	9	2	7	2	11	0	1	2	3	0	0	1	1	24
5:00 PM	0	5	2	7	1	4	2	7	0	1	0	1	0	0	0	0	15

All Traffic Data
Services Inc.

Count Period: 4:00 PM to 6:00 PM

Total Vehicle Summary

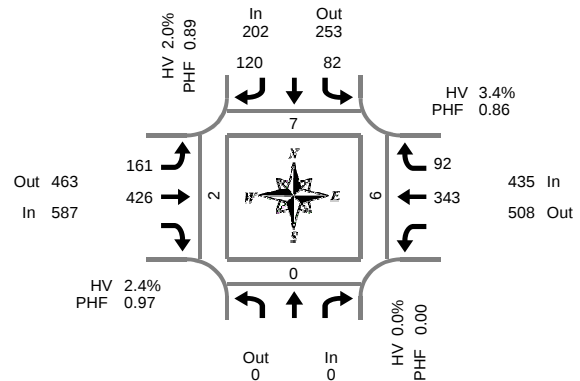


Clay Carney
(503) 833-2740

SE Bell Ave & SE King Rd

Tuesday, April 28, 2015

4:00 PM to 6:00 PM



Peak Hour Summary
4:45 PM to 5:45 PM

15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Bell Ave				Southbound SE Bell Ave				Eastbound SE King Rd				Westbound SE King Rd				Interval Total	Pedestrians Crosswalk			
				Bikes	L		R	Bikes	L	T		Bikes		T	R	Bikes		North	South	East	West
4:00 PM				0	24		22	0	32	116		0		75	16	0	285	0	0	0	0
4:15 PM				0	23		30	0	37	100		0		64	15	0	269	0	0	3	0
4:30 PM				0	23		23	0	26	127		0		79	21	0	299	0	0	0	0
4:45 PM				0	17		30	0	43	106		0		92	34	0	322	0	0	0	0
5:00 PM				0	22		35	0	40	100		0		80	14	0	291	1	0	4	0
5:15 PM				0	19		32	0	40	111		1		87	21	0	310	4	0	2	2
5:30 PM				0	24		23	0	38	109		0		84	23	0	301	2	0	0	0
5:45 PM				0	18		31	0	37	85		0		76	15	1	262	1	0	1	1
Total Survey				0	170		226	0	293	854		1		637	159	1	2,339	8	0	10	3

Peak Hour Summary

4:45 PM to 5:45 PM

By Approach	Northbound SE Bell Ave				Southbound SE Bell Ave				Eastbound SE King Rd				Westbound SE King Rd				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	0	0	0	0	202	253	455	0	587	463	1,050	1	435	508	943	0	1,224	7	0	6	2
%HV	0.0%				2.0%				2.4%				3.4%				2.7%				
PHF	0.00				0.89				0.97				0.86				0.95				

By Movement	Northbound SE Bell Ave				Southbound SE Bell Ave				Eastbound SE King Rd				Westbound SE King Rd				Total
				Total	L		R	Total	L	T		Total		T	R	Total	
Volume				0	82		120	202	161	426		587		343	92	435	1,224
%HV	NA	NA	NA	0.0%	4.9%	NA	0.0%	2.0%	0.6%	3.1%	NA	2.4%	NA	2.9%	5.4%	3.4%	2.7%
PHF				0.00	0.85		0.86	0.89	0.94	0.96		0.97		0.93	0.68	0.86	0.95

Rolling Hour Summary

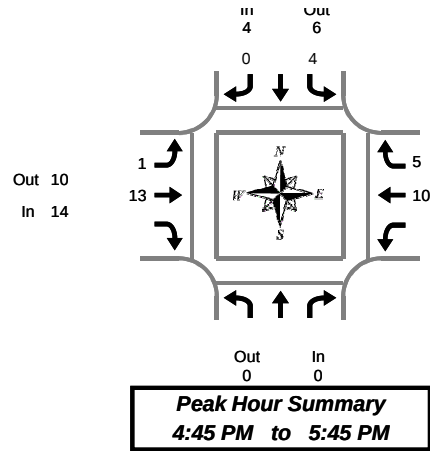
4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Bell Ave				Southbound SE Bell Ave				Eastbound SE King Rd				Westbound SE King Rd				Interval Total	Pedestrians Crosswalk			
				Bikes	L		R	Bikes	L	T		Bikes		T	R	Bikes		North	South	East	West
4:00 PM				0	87		105	0	138	449		0		310	86	0	1,175	0	0	3	0
4:15 PM				0	85		118	0	146	433		0		315	84	0	1,181	1	0	7	0
4:30 PM				0	81		120	0	149	444		1		338	90	0	1,222	5	0	6	2
4:45 PM				0	82		120	0	161	426		1		343	92	0	1,224	7	0	6	2
5:00 PM				0	83		121	0	155	405		1		327	73	1	1,164	8	0	7	3

Heavy Vehicle Summary



Clay Carney
(503) 833-2740



SE Bell Ave & SE King Rd

Tuesday, April 28, 2015

4:00 PM to 6:00 PM

Heavy Vehicle 15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Bell Ave			Southbound SE Bell Ave			Eastbound SE King Rd			Westbound SE King Rd			Interval Total		
			Total	L		R	Total	L	T	Total		T		R	Total
4:00 PM			0	1		1	2	0	4	4		0	4	4	10
4:15 PM			0	0		0	0	2	5	7		3	2	5	12
4:30 PM			0	3		0	3	0	2	2		5	1	6	11
4:45 PM			0	1		0	1	0	3	3		4	1	5	9
5:00 PM			0	1		0	1	1	3	4		0	2	2	7
5:15 PM			0	1		0	1	0	5	5		5	1	6	12
5:30 PM			0	1		0	1	0	2	2		1	1	2	5
5:45 PM			0	0		0	0	0	2	2		3	2	5	7
Total Survey			0	8		1	9	3	26	29		21	14	35	73

Heavy Vehicle Peak Hour Summary

4:45 PM to 5:45 PM

By Approach	Northbound SE Bell Ave			Southbound SE Bell Ave			Eastbound SE King Rd			Westbound SE King Rd			Total
	In	Out	Total	In	Out	Total	In	Out	Total	In	Out	Total	
Volume	0	0	0	4	6	10	14	10	24	15	17	32	33
PHF	0.00			0.20			0.27			0.23			0.25

By Movement	Northbound SE Bell Ave			Southbound SE Bell Ave				Eastbound SE King Rd				Westbound SE King Rd				Total
			Total	L		R	Total	L	T		Total		T	R	Total	
Volume			0	4		0	4	1	13		14		10	5	15	33
PHF			0.00	0.20		0.00	0.20	0.13	0.30		0.27		0.21	0.18	0.23	0.25

Heavy Vehicle Rolling Hour Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Bell Ave			Southbound SE Bell Ave			Eastbound SE King Rd			Westbound SE King Rd			Interval Total			
			Total	L		R	Total	L	T	Total		T		R	Total	
4:00 PM			0	5		1	6	2	14		16		12	8	20	42
4:15 PM			0	5		0	5	3	13		16		12	6	18	39
4:30 PM			0	6		0	6	1	13		14		14	5	19	39
4:45 PM			0	4		0	4	1	13		14		10	5	15	33
5:00 PM			0	3		0	3	1	12		13		9	6	15	31

Peak Hour Summary

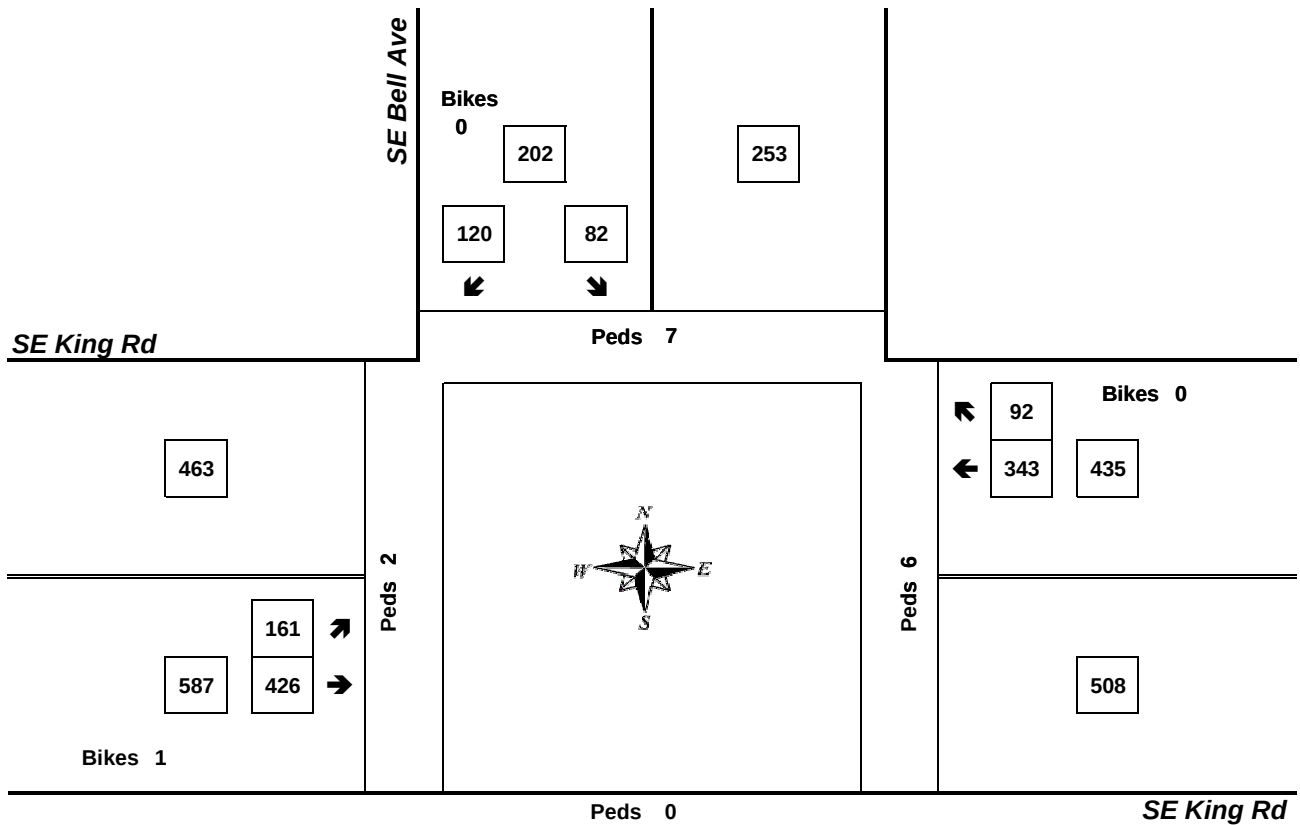


Clay Carney
(503) 833-2740

SE Bell Ave & SE King Rd

4:45 PM to 5:45 PM

Tuesday, April 28, 2015



Approach	PHF	HV%	Volume
EB	0.97	2.4%	587
WB	0.86	3.4%	435
NB	0.00	0.0%	0
SB	0.89	2.0%	202
Intersection	0.95	2.7%	1,224

Count Period: 4:00 PM to 6:00 PM

Total Vehicle Summary

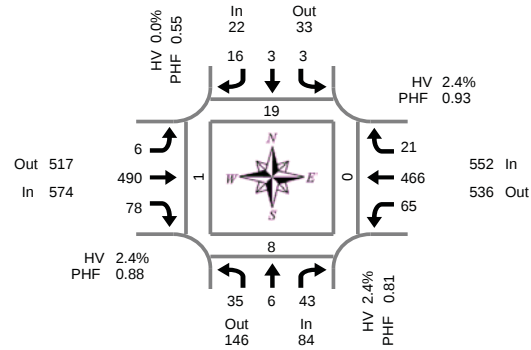


Clay Carney
(503) 833-2740

SE Fuller Rd & SE King Rd

Tuesday, November 18, 2014

4:00 PM to 6:00 PM



Peak Hour Summary
4:15 PM to 5:15 PM

5-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE King Rd				Westbound SE King Rd				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	3	1	7	0	0	0	1	0	0	28	5	0	7	40	1	0	93	4	0	0	0
4:05 PM	3	0	4	1	0	1	0	0	0	34	7	0	3	28	1	0	81	1	0	0	0
4:10 PM	1	1	7	0	1	0	0	0	0	40	7	0	9	30	1	0	97	0	2	0	0
4:15 PM	4	1	5	1	1	0	0	0	0	50	3	0	4	40	4	0	112	1	4	0	0
4:20 PM	2	0	3	0	2	0	1	0	1	32	9	0	4	40	1	0	95	5	0	0	0
4:25 PM	4	0	3	0	0	0	1	0	1	32	5	0	5	34	1	0	86	1	0	0	0
4:30 PM	2	0	2	0	0	0	2	0	0	63	13	0	7	31	2	0	122	0	1	0	1
4:35 PM	3	2	8	0	0	0	3	0	0	41	7	0	1	50	3	0	118	1	1	0	0
4:40 PM	2	0	2	0	0	2	3	0	0	36	4	0	8	39	2	0	98	2	0	0	0
4:45 PM	4	0	1	0	0	0	1	0	1	41	2	0	3	22	0	0	75	1	0	0	0
4:50 PM	2	0	1	0	0	0	0	0	0	39	7	0	6	47	3	0	105	3	0	0	0
4:55 PM	3	1	6	1	0	1	2	0	2	32	6	0	2	45	0	0	100	1	0	0	0
5:00 PM	2	0	3	0	0	0	2	0	0	36	11	0	12	32	1	0	99	1	2	0	0
5:05 PM	5	1	5	0	0	0	0	0	1	50	4	0	6	38	4	0	114	1	0	0	0
5:10 PM	2	1	4	0	0	0	1	0	0	38	7	0	7	48	0	0	108	2	0	0	0
5:15 PM	3	1	2	0	0	1	1	0	0	35	12	0	5	26	5	0	91	3	0	0	0
5:20 PM	5	0	5	0	0	0	4	0	0	48	2	0	12	29	1	0	106	2	1	0	0
5:25 PM	1	1	2	0	0	1	1	0	1	36	6	0	4	37	3	0	93	3	0	0	0
5:30 PM	0	0	5	0	0	0	1	1	0	44	7	0	11	31	1	0	100	0	0	0	0
5:35 PM	6	0	6	0	0	0	3	0	0	27	12	0	5	24	1	0	84	10	0	0	0
5:40 PM	6	1	7	0	1	0	1	0	0	40	10	0	4	36	1	0	107	1	0	0	0
5:45 PM	6	0	3	0	1	0	1	0	0	33	9	0	4	33	1	0	91	5	1	0	0
5:50 PM	3	0	6	0	0	0	1	0	0	36	11	0	9	35	3	0	104	0	0	0	0
5:55 PM	2	1	8	0	0	0	0	0	0	32	4	0	8	30	1	0	86	1	0	0	0
Total Survey	74	12	105	3	6	6	30	1	7	923	170	0	146	845	41	0	2,365	49	12	0	1

15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE King Rd				Westbound SE King Rd				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	7	2	18	1	1	1	1	0	0	102	19	0	19	98	3	0	271	5	2	0	0
4:15 PM	10	1	11	1	3	0	2	0	2	114	17	0	13	114	6	0	293	7	4	0	0
4:30 PM	7	2	12	0	0	2	8	0	0	140	24	0	16	120	7	0	338	3	2	0	1
4:45 PM	9	1	8	1	0	1	3	0	3	112	15	0	11	114	3	0	280	5	0	0	0
5:00 PM	9	2	12	0	0	0	3	0	1	124	22	0	25	118	5	0	321	4	2	0	0
5:15 PM	9	2	9	0	0	2	6	0	1	119	20	0	21	92	9	0	290	8	1	0	0
5:30 PM	12	1	18	0	1	0	5	1	0	111	29	0	20	91	3	0	291	11	0	0	0
5:45 PM	11	1	17	0	1	0	2	0	0	101	24	0	21	98	5	0	281	6	1	0	0
Total Survey	74	12	105	3	6	6	30	1	7	923	170	0	146	845	41	0	2,365	49	12	0	1

Peak Hour Summary

4:15 PM to 5:15 PM

By Approach	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE King Rd				Westbound SE King Rd				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	84	146	230	2	22	33	55	0	574	517	1,091	0	552	536	1,088	0	1,232	19	8	0	1
%HV	0.0%	0.0%	2.4%		0.0%	0.0%	0.0%		0.0%	2.9%	0.0%	2.4%	0.0%	2.8%	0.0%	2.4%	2.4%				
PHF		0.81				0.55				0.88				0.93			0.91				

By Movement	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE King Rd				Westbound SE King Rd				Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
Volume	35	6	43	84	3	3	16	22	6	490	78	574	65	466	21	552	1,232
%HV	0.0%	0.0%	4.7%	2.4%	0.0%	0.0%	0.0%	0.0%	0.0%	2.9%	0.0%	2.4%	0.0%	2.8%	0.0%	2.4%	2.4%
PHF	0.88	0.75	0.77	0.81	0.25	0.38	0.50	0.55	0.50	0.88	0.72	0.88	0.65	0.94	0.75	0.93	0.91

Rolling Hour Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE King Rd				Westbound SE King Rd				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	33	6	49	3	4	4	14	0	5	468	75	0	59	446	19	0	1,182	20	8	0	1
4:15 PM	35	6	43	2	3	3	16	0	6	490	78	0	65	466	21	0	1,232	19	8	0	1
4:30 PM	34	7	41	1	0	5	20	0	5	495	81	0	73	444	24	0	1,229	20	5	0	1
4:45 PM	39	6	47	1	1	3	17	1	5	466	86	0	77	415	20	0	1,182	28	3	0	0
5:00 PM	41	6	56	0	2	2	16	1	2	455	95	0	87	399	22	0	1,183	29	4	0	0

Total Vehicle Summary

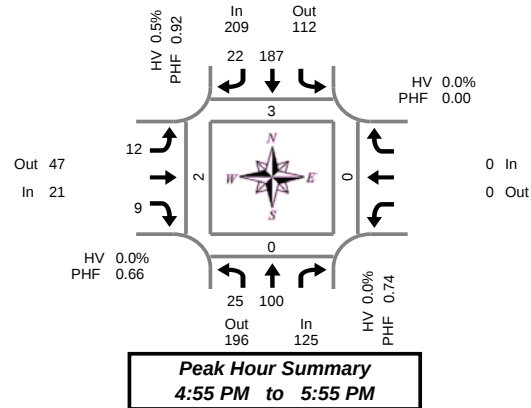


Clay Carney
(503) 833-2740

SE Fuller Rd & SE Monroe St

Tuesday, November 18, 2014

4:00 PM to 6:00 PM



5-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE Monroe St				Westbound SE Monroe St				Interval Total	Pedestrians Crosswalk			
	L	T	Bikes		T	R	Bikes		L	R	Bikes				Bikes			North	South	East	West
4:00 PM	0	7	0		12	1	0	1		0	0				0		21	0	0	0	0
4:05 PM	1	10	1		14	0	0	1		1	0				0		27	1	0	0	0
4:10 PM	2	8	1		13	2	0	1		1	0				0		27	2	0	0	0
4:15 PM	1	7	0		11	1	0	0		3	0				0		23	1	0	0	0
4:20 PM	1	7	0		10	1	0	1		1	0				0		21	1	0	0	0
4:25 PM	3	7	0		11	1	0	0		4	0				0		26	0	0	0	7
4:30 PM	3	6	0		18	3	0	1		1	0				0		32	0	0	0	0
4:35 PM	0	11	0		12	4	0	1		2	0				0		30	2	0	0	0
4:40 PM	3	2	0		13	2	1	0		0	0				0		20	0	2	0	0
4:45 PM	0	6	0		11	2	0	0		0	0				0		19	2	0	0	0
4:50 PM	0	7	0		15	3	0	0		0	0				0		25	1	0	0	0
4:55 PM	1	10	0		10	1	0	1		0	0				0		23	2	0	0	0
5:00 PM	0	8	0		28	1	0	2		0	0				0		39	0	0	0	0
5:05 PM	3	7	0		8	2	1	3		1	0				0		24	0	0	0	0
5:10 PM	4	7	0		17	1	0	0		2	0				0		31	0	0	0	0
5:15 PM	3	6	0		17	0	0	1		0	0				0		27	0	0	0	0
5:20 PM	1	8	0		13	1	0	3		2	0				0		28	0	0	0	0
5:25 PM	1	4	0		15	2	0	0		0	0				0		22	0	0	0	0
5:30 PM	3	6	0		16	3	1	0		0	0				0		28	0	0	0	0
5:35 PM	3	11	0		15	3	0	1		2	0				0		35	0	0	0	0
5:40 PM	3	16	0		13	4	0	1		0	0				0		37	1	0	0	1
5:45 PM	0	5	0		17	3	0	0		1	0				0		26	0	0	0	0
5:50 PM	3	12	0		18	1	0	0		1	0				0		35	0	0	0	1
5:55 PM	1	9	0		7	0	0	0		2	0				0		19	2	0	0	0
Total Survey	40	187	2		334	42	3	18		24	0				0		645	15	2	0	9

15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE Monroe St				Westbound SE Monroe St				Interval Total	Pedestrians Crosswalk			
	L	T	Bikes		T	R	Bikes		L	R	Bikes				Bikes			North	South	East	West
4:00 PM	3	25	2		39	3	0	3		2	0				0		75	3	0	0	0
4:15 PM	5	21	0		32	3	0	1		8	0				0		70	2	0	0	7
4:30 PM	6	19	0		43	9	1	2		3	0				0		82	2	2	0	0
4:45 PM	1	23	0		36	6	0	1		0	0				0		67	5	0	0	0
5:00 PM	7	22	0		53	4	1	5		3	0				0		94	0	0	0	0
5:15 PM	5	18	0		45	3	0	4		2	0				0		77	0	0	0	0
5:30 PM	9	33	0		44	10	1	2		2	0				0		100	1	0	0	1
5:45 PM	4	26	0		42	4	0	0		4	0				0		80	2	0	0	1
Total Survey	40	187	2		334	42	3	18		24	0				0		645	15	2	0	9

Peak Hour Summary

4:55 PM to 5:55 PM

By Approach	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE Monroe St				Westbound SE Monroe St				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	125	196	321	0	209	112	321	2	21	47	68	0	0	0	0	0	355	3	0	0	2
%HV	0.0%				0.5%				0.0%				0.0%				0.3%				
PHF	0.74				0.92				0.66				0.00				0.89				

By Movement	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE Monroe St				Westbound SE Monroe St				Total
	L	T	Total		T	R	Total		L	R	Total				Total		
Volume	25	100	125		187	22	209		12	9	21				0		355
%HV	0.0%	0.0%	NA		0.5%	0.0%	0.5%		0.0%	0.0%	0.0%		NA	NA	NA	0.0%	0.3%
PHF	0.63	0.76	0.74		0.88	0.55	0.92		0.50	0.56	0.66				0.00		0.89

Rolling Hour Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE Monroe St				Westbound SE Monroe St				Interval Total	Pedestrians Crosswalk			
	L	T	Bikes		T	R	Bikes		L	R	Bikes				Bikes			North	South	East	West
4:00 PM	15	88	2		150	21	1	7		13	0				0		294	12	2	0	7
4:15 PM	19	85	0		164	22	2	9		14	0				0		313	9	2	0	7
4:30 PM	19	82	0		177	22	2	12		8	0				0		320	7	2	0	0
4:45 PM	22	96	0		178	23	2	12		7	0				0		338	6	0	0	1
5:00 PM	25	99	0		184	21	2	11		11	0				0		351	3	0	0	2

Total Vehicle Summary

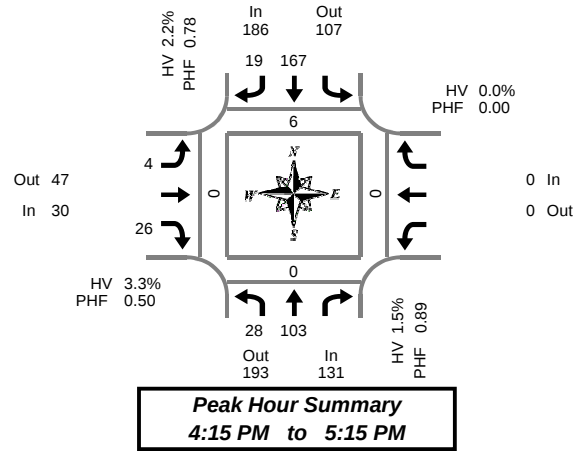


Clay Carney
(503) 833-2740

SE Fuller Rd & SE Monroe St

Tuesday, April 28, 2015

4:00 PM to 6:00 PM



15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE Monroe St				Westbound SE Monroe St				Interval Total	Pedestrians Crosswalk			
	L	T		Bikes	T	R		Bikes	L		R	Bikes				Bikes		North	South	East	West
4:00 PM	4	22		0	41	3		0	4		4	0				0	78	2	0	0	1
4:15 PM	13	24		0	33	3		0	0		15	0				0	88	2	0	0	0
4:30 PM	7	23		0	57	3		0	2		2	0				0	94	1	0	0	0
4:45 PM	6	31		0	30	9		0	1		6	2				0	83	0	0	0	0
5:00 PM	2	25		0	47	4		0	1		3	0				0	82	3	0	0	0
5:15 PM	3	20		0	49	6		1	2		4	0				0	84	1	0	0	2
5:30 PM	4	26		0	44	11		0	2		4	0				0	91	2	0	0	0
5:45 PM	5	15		0	42	7		0	3		3	0				0	75	1	0	0	0
Total Survey	44	186		0	343	46		1	15		41	2				0	675	12	0	0	3

Peak Hour Summary

4:15 PM to 5:15 PM

By Approach	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE Monroe St				Westbound SE Monroe St				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	131	193	324	0	186	107	293	0	30	47	77	2	0	0	0	0	347	6	0	0	0
%HV	1.5%				2.2%				3.3%				0.0%				2.0%				
PHF	0.89				0.78				0.50				0.00				0.92				

By Movement	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE Monroe St				Westbound SE Monroe St				Total
	L	T		Total	T	R	Total	L		R	Total					Total	
Volume	28	103		131	167	19	186	4		26	30					0	347
%HV	3.6%	1.0%	NA	1.5%	NA	1.8%	5.3%	2.2%	0.0%	NA	3.8%	3.3%	NA	NA	NA	0.0%	2.0%
PHF	0.54	0.83		0.89		0.73	0.53	0.78	0.50		0.43	0.50				0.00	0.92

Rolling Hour Summary

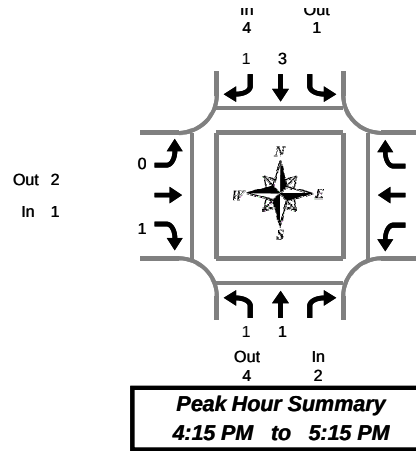
4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE Monroe St				Westbound SE Monroe St				Interval Total	Pedestrians Crosswalk			
	L	T		Bikes		T	R	Bikes	L		R	Bikes				Bikes		North	South	East	West
4:00 PM	30	100		0		161	18	0	7		27	2				0	343	5	0	0	1
4:15 PM	28	103		0		167	19	0	4		26	2				0	347	6	0	0	0
4:30 PM	18	99		0		183	22	1	6		15	2				0	343	5	0	0	2
4:45 PM	15	102		0		170	30	1	6		17	2				0	340	6	0	0	2
5:00 PM	14	86		0		182	28	1	8		14	0				0	332	7	0	0	2

Heavy Vehicle Summary



Clay Carney
(503) 833-2740



SE Fuller Rd & SE Monroe St

Tuesday, April 28, 2015

4:00 PM to 6:00 PM

Heavy Vehicle 15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Fuller Rd			Southbound SE Fuller Rd			Eastbound SE Monroe St			Westbound SE Monroe St			Interval Total
	L	T	Total	T	R	Total	L	R	Total			Total	
4:00 PM	0	0	0	2	0	2	0	0	0			0	2
4:15 PM	1	0	1	0	1	1	0	1	1			0	3
4:30 PM	0	0	0	2	0	2	0	0	0			0	2
4:45 PM	0	1	1	1	0	1	0	0	0			0	2
5:00 PM	0	0	0	0	0	0	0	0	0			0	0
5:15 PM	0	1	1	3	0	3	0	0	0			0	4
5:30 PM	0	0	0	0	0	0	0	0	0			0	0
5:45 PM	0	0	0	1	0	1	0	0	0			0	1
Total Survey	1	2	3	9	1	10	0	1	1			0	14

Heavy Vehicle Peak Hour Summary

4:15 PM to 5:15 PM

By Approach	Northbound SE Fuller Rd			Southbound SE Fuller Rd			Eastbound SE Monroe St			Westbound SE Monroe St			Total
	In	Out	Total	In	Out	Total	In	Out	Total	In	Out	Total	
Volume	2	4	6	4	1	5	1	2	3	0	0	0	7
PHF	0.25			0.20			0.25			0.00			0.25

By Movement	Northbound SE Fuller Rd			Southbound SE Fuller Rd			Eastbound SE Monroe St			Westbound SE Monroe St			Total
	L	T	Total	T	R	Total	L	R	Total			Total	
Volume	1	1	2	3	1	4	0	1	1			0	7
PHF	0.25	0.13	0.25	0.19	0.25	0.20	0.00	0.25	0.25			0.00	0.25

Heavy Vehicle Rolling Hour Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Fuller Rd			Southbound SE Fuller Rd			Eastbound SE Monroe St			Westbound SE Monroe St			Interval Total
	L	T	Total	T	R	Total	L	R	Total			Total	
4:00 PM	1	1	2	5	1	6	0	1	1			0	9
4:15 PM	1	1	2	3	1	4	0	1	1			0	7
4:30 PM	0	2	2	6	0	6	0	0	0			0	8
4:45 PM	0	2	2	4	0	4	0	0	0			0	6
5:00 PM	0	1	1	4	0	4	0	0	0			0	5

Peak Hour Summary

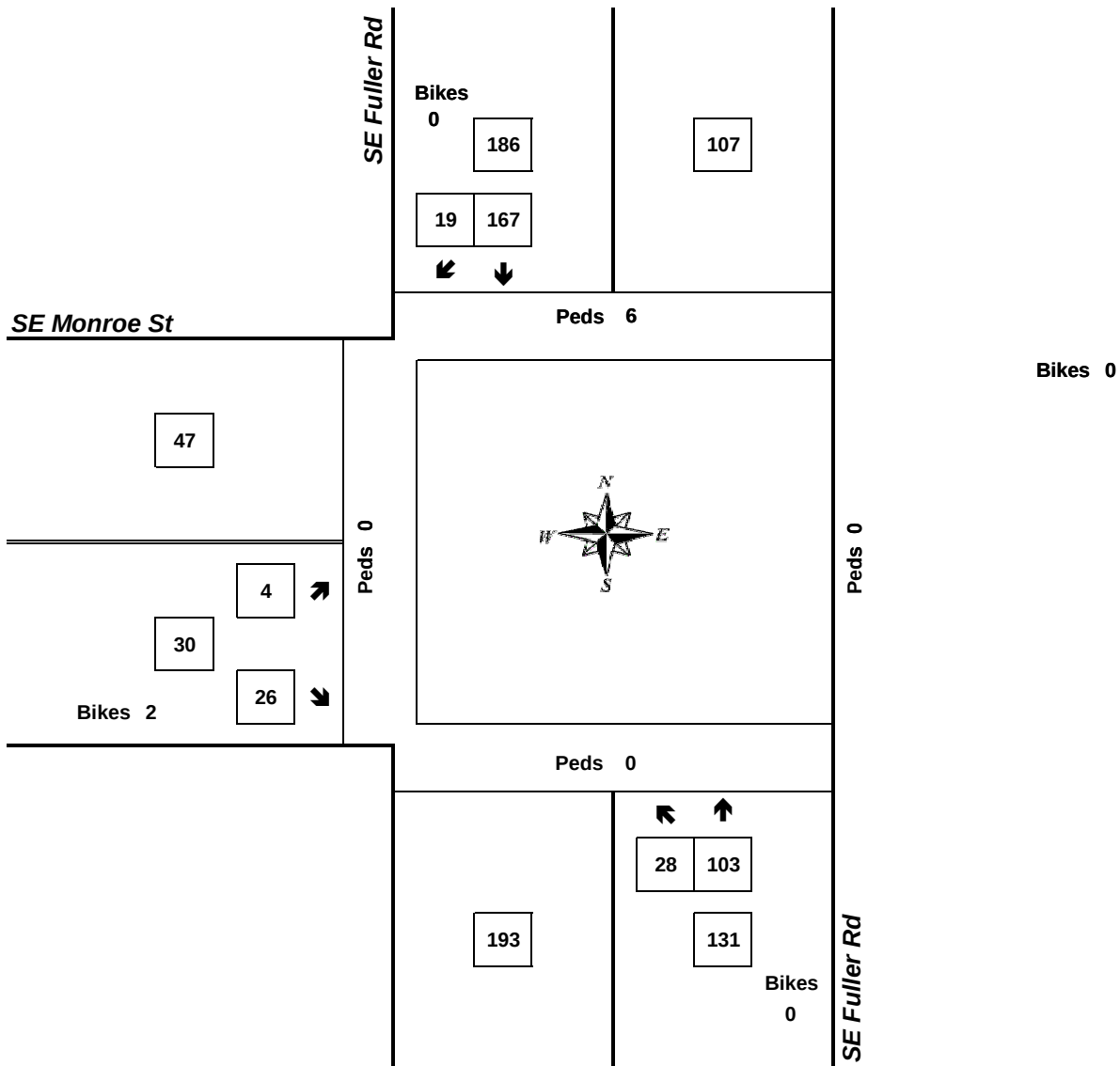


Clay Carney
(503) 833-2740

SE Fuller Rd & SE Monroe St

4:15 PM to 5:15 PM

Tuesday, April 28, 2015



Approach	PHF	HV%	Volume
EB	0.50	3.3%	30
WB	0.00	0.0%	0
NB	0.89	1.5%	131
SB	0.78	2.2%	186
Intersection	0.92	2.0%	347

Count Period: 4:00 PM to 6:00 PM

Total Vehicle Summary

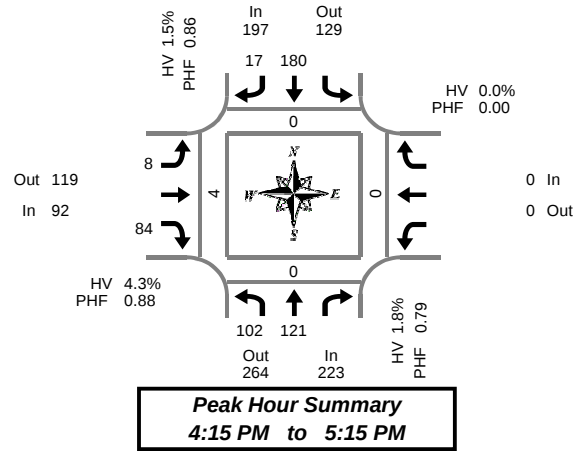


Clay Carney
(503) 833-2740

SE Fuller Rd & SE Thompson Rd

Tuesday, April 28, 2015

4:00 PM to 6:00 PM



15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE Thompson Rd				Westbound SE Thompson Rd				Interval Total	Pedestrians Crosswalk			
	L	T		Bikes	T	R		Bikes	L		R	Bikes				Bikes		North	South	East	West
4:00 PM	24	23		0	38	4		1	2		11	0				0	102	0	0	0	1
4:15 PM	16	34		0	48	4		0	4		17	0				0	123	0	0	0	0
4:30 PM	26	28		0	53	4		1	2		23	0				0	136	0	0	0	3
4:45 PM	37	34		0	31	4		1	1		25	0				0	132	0	0	0	0
5:00 PM	23	25		0	48	5		0	1		19	0				0	121	0	0	0	1
5:15 PM	21	19		0	45	7		0	1		17	0				0	110	0	0	0	0
5:30 PM	30	27		0	47	8		0	4		31	0				0	147	0	0	0	0
5:45 PM	10	20		0	40	3		0	1		13	0				0	87	0	0	0	0
Total Survey	187	210		0	350	39		3	16		156	0				0	958	0	0	0	5

Peak Hour Summary

4:15 PM to 5:15 PM

By Approach	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE Thompson Rd				Westbound SE Thompson Rd				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	223	264	487	0	197	129	326	2	92	119	211	0	0	0	0	0	512	0	0	0	4
%HV	1.8%				1.5%				4.3%				0.0%				2.1%				
PHF	0.79				0.86				0.88				0.00				0.94				

By Movement	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE Thompson Rd				Westbound SE Thompson Rd				Total
	L	T		Total	T	R	Total	L		R	Total					Total	
Volume	102	121		223	180	17	197	8		84	92					0	512
%HV	2.9%	0.8%	NA	1.8%	NA	1.7%	0.0%	1.5%	0.0%	NA	4.8%	4.3%	NA	NA	NA	0.0%	2.1%
PHF	0.69	0.89		0.79		0.85	0.85	0.86	0.50		0.84	0.88				0.00	0.94

Rolling Hour Summary

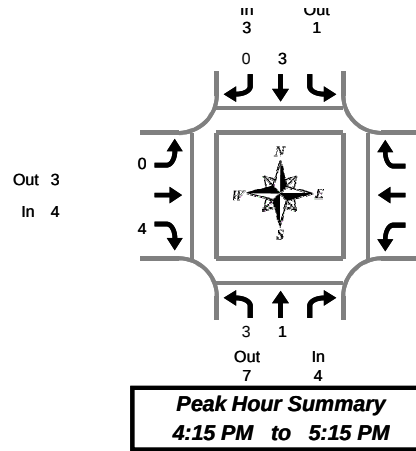
4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE Thompson Rd				Westbound SE Thompson Rd				Interval Total	Pedestrians Crosswalk			
	L	T		Bikes	T	R		Bikes	L		R	Bikes				Bikes		North	South	East	West
4:00 PM	103	119		0	170	16		3	9		76	0				0	493	0	0	0	4
4:15 PM	102	121		0	180	17		2	8		84	0				0	512	0	0	0	4
4:30 PM	107	106		0	177	20		2	5		84	0				0	499	0	0	0	4
4:45 PM	111	105		0	171	24		1	7		92	0				0	510	0	0	0	1
5:00 PM	84	91		0	180	23		0	7		80	0				0	465	0	0	0	1

Heavy Vehicle Summary



Clay Carney
(503) 833-2740



SE Fuller Rd & SE Thompson Rd

Tuesday, April 28, 2015

4:00 PM to 6:00 PM

Heavy Vehicle 15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Fuller Rd			Southbound SE Fuller Rd			Eastbound SE Thompson Rd			Westbound SE Thompson Rd			Interval Total
	L	T	Total	T	R	Total	L		R	Total		Total	
4:00 PM	0	0	0	1	0	1	0		1	1		0	2
4:15 PM	0	1	1	1	0	1	0		2	2		0	4
4:30 PM	1	0	1	2	0	2	0		2	2		0	5
4:45 PM	2	0	2	0	0	0	0		0	0		0	2
5:00 PM	0	0	0	0	0	0	0		0	0		0	0
5:15 PM	1	1	2	3	0	3	0		0	0		0	5
5:30 PM	0	1	1	0	0	0	0		1	1		0	2
5:45 PM	0	0	0	1	0	1	0		0	0		0	1
Total Survey	4	3	7	8	0	8	0		6	6		0	21

Heavy Vehicle Peak Hour Summary

4:15 PM to 5:15 PM

By Approach	Northbound SE Fuller Rd			Southbound SE Fuller Rd			Eastbound SE Thompson Rd			Westbound SE Thompson Rd			Total
	In	Out	Total	In	Out	Total	In	Out	Total	In	Out	Total	
Volume	4	7	11	3	1	4	4	3	7	0	0	0	11
PHF	0.25			0.19			0.20			0.00			0.25

By Movement	Northbound SE Fuller Rd			Southbound SE Fuller Rd			Eastbound SE Thompson Rd			Westbound SE Thompson Rd			Total
	L	T	Total	T	R	Total	L		R	Total		Total	
Volume	3	1	4	3	0	3	0		4	4		0	11
PHF	0.25	0.13	0.25	0.19	0.00	0.19	0.00		0.20	0.20		0.00	0.25

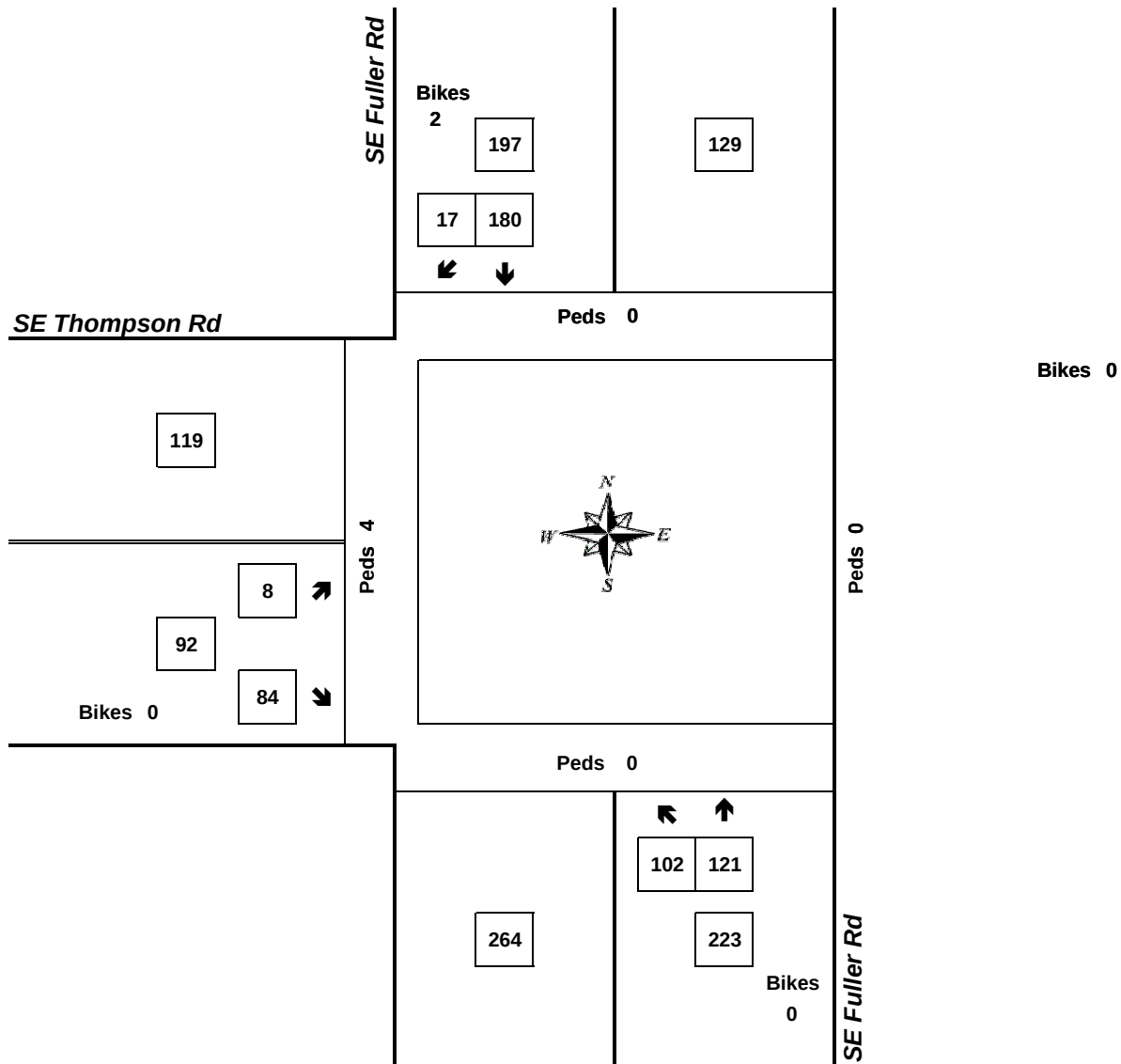
Heavy Vehicle Rolling Hour Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Fuller Rd			Southbound SE Fuller Rd			Eastbound SE Thompson Rd			Westbound SE Thompson Rd			Interval Total
	L	T	Total	T	R	Total	L		R	Total		Total	
4:00 PM	3	1	4	4	0	4	0		5	5		0	13
4:15 PM	3	1	4	3	0	3	0		4	4		0	11
4:30 PM	4	1	5	5	0	5	0		2	2		0	12
4:45 PM	3	2	5	3	0	3	0		1	1		0	9
5:00 PM	1	2	3	4	0	4	0		1	1		0	8

All Traffic Data
Services Inc.

4:15 PM to 5:15 PM
Tuesday, April 28, 2015



Approach	PHF	HV%	Volume
EB	0.88	4.3%	92
WB	0.00	0.0%	0
NB	0.79	1.8%	223
SB	0.86	1.5%	197
Intersection	0.94	2.1%	512

Count Period: 4:00 PM to 6:00 PM

Total Vehicle Summary

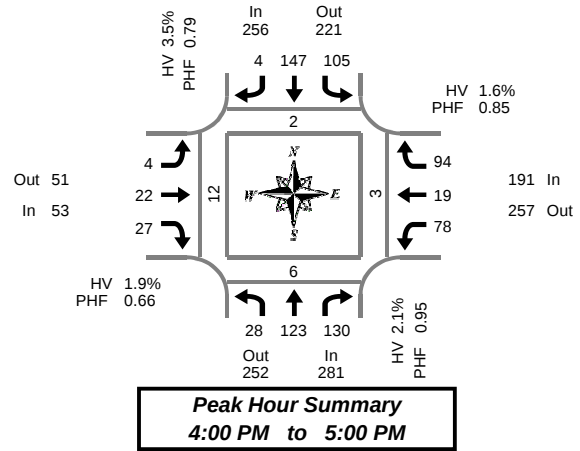


Clay Carney
(503) 833-2740

SE Fuller Rd & SE Harmony Dr

Tuesday, April 28, 2015

4:00 PM to 6:00 PM



Peak Hour Summary
4:00 PM to 5:00 PM

15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE Harmony Dr				Westbound SE Harmony Dr				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	7	31	35	0	26	27	4	0	0	5	3	0	19	5	17	0	179	0	1	0	1
4:15 PM	7	26	28	0	18	41	0	0	1	4	7	1	16	4	21	0	173	0	2	2	1
4:30 PM	7	28	39	0	39	42	0	0	1	10	9	0	22	5	29	0	231	2	3	0	6
4:45 PM	7	38	28	0	22	37	0	0	2	3	8	0	21	5	27	0	198	0	0	1	4
5:00 PM	4	28	25	0	25	40	2	0	0	5	2	0	14	5	21	0	171	0	0	1	1
5:15 PM	6	27	28	0	19	36	0	0	0	6	3	0	14	8	18	0	165	0	0	0	0
5:30 PM	7	29	31	0	30	50	3	0	2	8	6	0	22	5	18	1	211	0	1	0	0
5:45 PM	4	20	20	0	12	37	1	0	0	8	5	1	26	5	14	0	152	0	0	0	0
Total Survey	49	227	234	0	191	310	10	0	6	49	43	2	154	42	165	1	1,480	2	7	4	13

Peak Hour Summary

4:00 PM to 5:00 PM

By Approach	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE Harmony Dr				Westbound SE Harmony Dr				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	281	252	533	0	256	221	477	0	53	51	104	1	191	257	448	0	781	2	6	3	12
%HV	2.1%				3.5%				1.9%				1.6%				2.4%				
PHF	0.95				0.79				0.66				0.85				0.85				

By Movement	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE Harmony Dr				Westbound SE Harmony Dr				Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
Volume	28	123	130	281	105	147	4	256	4	22	27	53	78	19	94	191	781
%HV	0.0%	1.6%	3.1%	2.1%	2.9%	4.1%	0.0%	3.5%	0.0%	0.0%	3.7%	1.9%	1.3%	0.0%	2.1%	1.6%	2.4%
PHF	1.00	0.81	0.83	0.95	0.67	0.88	0.25	0.79	0.50	0.55	0.75	0.66	0.89	0.95	0.81	0.85	0.85

Rolling Hour Summary

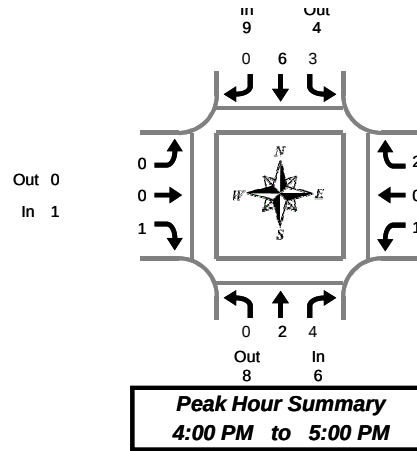
4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE Harmony Dr				Westbound SE Harmony Dr				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	28	123	130	0	105	147	4	0	4	22	27	1	78	19	94	0	781	2	6	3	12
4:15 PM	25	120	120	0	104	160	2	0	4	22	26	1	73	19	98	0	773	2	5	4	12
4:30 PM	24	121	120	0	105	155	2	0	3	24	22	0	71	23	95	0	765	2	3	2	11
4:45 PM	24	122	112	0	96	163	5	0	4	22	19	0	71	23	84	1	745	0	1	2	5
5:00 PM	21	104	104	0	86	163	6	0	2	27	16	1	76	23	71	1	699	0	1	1	1

Heavy Vehicle Summary



Clay Carney
(503) 833-2740



SE Fuller Rd & SE Harmony Dr

Tuesday, April 28, 2015

4:00 PM to 6:00 PM

Heavy Vehicle 15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE Harmony Dr				Westbound SE Harmony Dr				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	0	0	1	1	1	2	0	3	0	0	0	0	0	0	0	0	4
4:15 PM	0	1	3	4	1	1	0	2	0	0	0	0	1	0	0	1	7
4:30 PM	0	0	0	0	1	3	0	4	0	0	0	0	0	0	1	1	5
4:45 PM	0	1	0	1	0	0	0	0	0	0	1	1	0	0	1	1	3
5:00 PM	0	0	1	1	0	0	0	0	0	0	1	1	0	0	0	0	2
5:15 PM	0	1	1	2	1	2	0	3	0	0	0	0	0	0	1	1	6
5:30 PM	0	0	0	0	1	0	0	1	0	0	0	0	2	0	0	2	3
5:45 PM	0	0	1	1	0	1	0	1	0	0	0	0	0	0	0	0	2
Total Survey	0	3	7	10	5	9	0	14	0	0	2	2	3	0	3	6	32

Heavy Vehicle Peak Hour Summary

4:00 PM to 5:00 PM

By Approach	Northbound SE Fuller Rd			Southbound SE Fuller Rd			Eastbound SE Harmony Dr			Westbound SE Harmony Dr			Total
	In	Out	Total	In	Out	Total	In	Out	Total	In	Out	Total	
Volume	6	8	14	9	4	13	1	0	1	3	7	10	19
PHF	0.30			0.25			0.13			0.25			0.30

By Movement	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE Harmony Dr				Westbound SE Harmony Dr				Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
Volume	0	2	4	6	3	6	0	9	0	0	1	1	1	0	2	3	19
PHF	0.00	0.25	0.25	0.30	0.25	0.25	0.00	0.25	0.00	0.00	0.13	0.13	0.13	0.00	0.25	0.25	0.30

Heavy Vehicle Rolling Hour Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE Harmony Dr				Westbound SE Harmony Dr				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	0	2	4	6	3	6	0	9	0	0	1	1	1	0	2	3	19
4:15 PM	0	2	4	6	2	4	0	6	0	0	2	2	1	0	2	3	17
4:30 PM	0	2	2	4	2	5	0	7	0	0	2	2	0	0	3	3	16
4:45 PM	0	2	2	4	2	2	0	4	0	0	2	2	2	0	2	4	14
5:00 PM	0	1	3	4	2	3	0	5	0	0	1	1	2	0	1	3	13

Peak Hour Summary

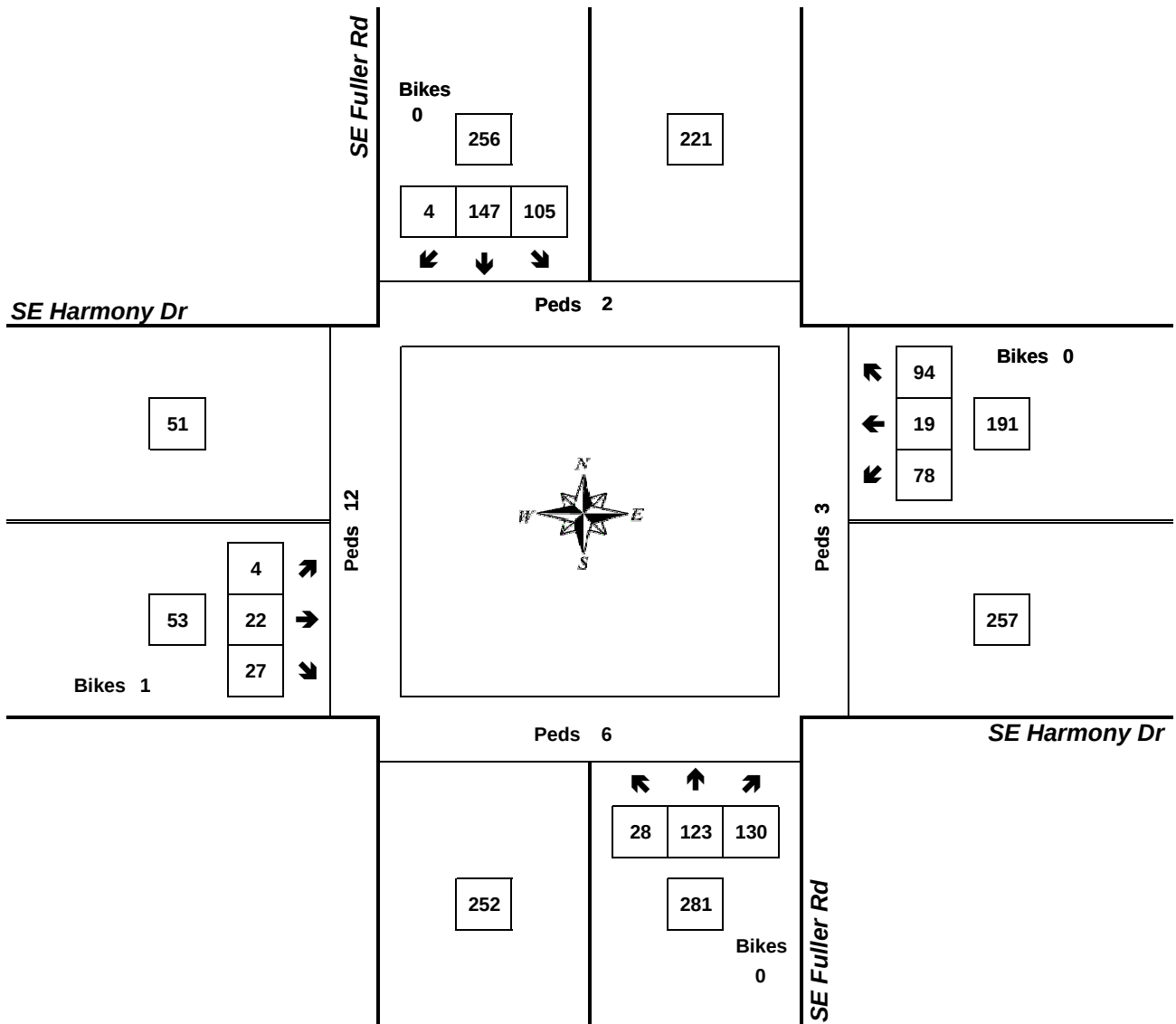


Clay Carney
(503) 833-2740

SE Fuller Rd & SE Harmony Dr

4:00 PM to 5:00 PM

Tuesday, April 28, 2015



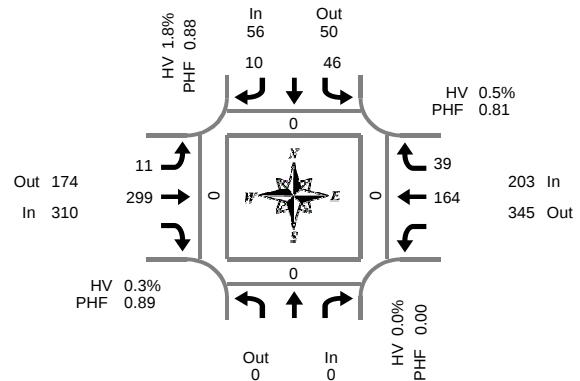
Approach	PHF	HV%	Volume
EB	0.66	1.9%	53
WB	0.85	1.6%	191
NB	0.95	2.1%	281
SB	0.79	3.5%	256
Intersection	0.85	2.4%	781

Count Period: 4:00 PM to 6:00 PM

Total Vehicle Summary



Clay Carney
(503) 833-2740



SE 42nd Ave & SE Railroad Ave

Tuesday, April 28, 2015

4:00 PM to 6:00 PM

Peak Hour Summary
4:30 PM to 5:30 PM

15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 42nd Ave				Southbound SE 42nd Ave				Eastbound SE Railroad Ave				Westbound SE Railroad Ave				Interval Total	Pedestrians Crosswalk			
				Bikes	L		R	Bikes	L	T		Bikes	T	R	Bikes			North	South	East	West
4:00 PM				0	5		3	0	1	70		0		39	9	0	127	0	0	0	0
4:15 PM				0	11		1	0	1	69		0		37	6	0	125	0	0	0	0
4:30 PM				0	11		2	0	3	84		0		39	9	0	148	0	0	0	0
4:45 PM				0	10		2	0	3	73		0		35	10	0	133	0	0	0	0
5:00 PM				0	13		3	0	3	70		0		49	14	0	152	0	0	0	0
5:15 PM				0	12		3	0	2	72		0		41	6	0	136	0	0	0	0
5:30 PM				0	8		3	0	2	58		0		56	11	0	138	0	0	0	0
5:45 PM				0	8		2	0	2	62		0		42	5	0	121	0	0	0	0
Total Survey				0	78		19	0	17	558		0		338	70	0	1,080	0	0	0	0

Peak Hour Summary

4:30 PM to 5:30 PM

By Approach	Northbound SE 42nd Ave				Southbound SE 42nd Ave				Eastbound SE Railroad Ave				Westbound SE Railroad Ave				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	0	0	0	0	56	50	106	0	310	174	484	0	203	345	548	0	569	0	0	0	0
%HV	0.0%				1.8%				0.3%				0.5%				0.5%				
PHF	0.00				0.88				0.89				0.81				0.94				

By Movement	Northbound SE 42nd Ave				Southbound SE 42nd Ave				Eastbound SE Railroad Ave				Westbound SE Railroad Ave				Total
				Total	L		R	Total	L	T		Total		T	R	Total	
Volume				0	46		10	56	11	299		310		164	39	203	569
%HV	NA	NA	NA	0.0%	2.2%	NA	0.0%	1.8%	9.1%	0.0%	NA	0.3%	NA	0.6%	0.0%	0.5%	0.5%
PHF				0.00	0.88		0.83	0.88	0.92	0.89		0.89		0.84	0.70	0.81	0.94

Rolling Hour Summary

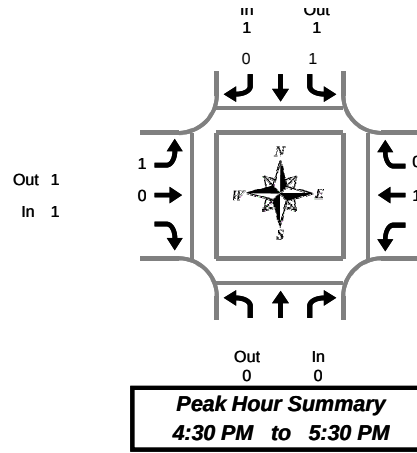
4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 42nd Ave				Southbound SE 42nd Ave				Eastbound SE Railroad Ave				Westbound SE Railroad Ave				Interval Total	Pedestrians Crosswalk			
				Bikes	L		R	Bikes	L	T		Bikes		T	R	Bikes		North	South	East	West
4:00 PM				0	37		8	0	8	296		0		150	34	0	533	0	0	0	0
4:15 PM				0	45		8	0	10	296		0		160	39	0	558	0	0	0	0
4:30 PM				0	46		10	0	11	299		0		164	39	0	569	0	0	0	0
4:45 PM				0	43		11	0	10	273		0		181	41	0	559	0	0	0	0
5:00 PM				0	41		11	0	9	262		0		188	36	0	547	0	0	0	0

Heavy Vehicle Summary



Clay Carney
(503) 833-2740



SE 42nd Ave & SE Railroad Ave

Tuesday, April 28, 2015

4:00 PM to 6:00 PM

Heavy Vehicle 15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 42nd Ave			Southbound SE 42nd Ave			Eastbound SE Railroad Ave			Westbound SE Railroad Ave			Interval Total	
			Total	L	R	Total	L	T	Total		T	R		Total
4:00 PM			0	0	0	0	0	1	1		0	0	0	1
4:15 PM			0	0	0	0	0	0	0		1	0	1	1
4:30 PM			0	0	0	0	1	0	1		1	0	1	2
4:45 PM			0	0	0	0	0	0	0		0	0	0	0
5:00 PM			0	0	0	0	0	0	0		0	0	0	0
5:15 PM			0	1	0	1	0	0	0		0	0	0	1
5:30 PM			0	0	0	0	0	0	0		0	0	0	0
5:45 PM			0	0	0	0	0	0	0		3	0	3	3
Total Survey			0	1	0	1	1	1	2		5	0	5	8

Heavy Vehicle Peak Hour Summary

4:30 PM to 5:30 PM

By Approach	Northbound SE 42nd Ave			Southbound SE 42nd Ave			Eastbound SE Railroad Ave			Westbound SE Railroad Ave			Total
	In	Out	Total	In	Out	Total	In	Out	Total	In	Out	Total	
Volume	0	0	0	1	1	2	1	1	2	1	1	2	3
PHF	0.00			0.25			0.13			0.08			0.19

By Movement	Northbound SE 42nd Ave			Southbound SE 42nd Ave				Eastbound SE Railroad Ave				Westbound SE Railroad Ave				Total
			Total	L		R	Total	L	T		Total		T	R	Total	
Volume			0	1		0	1	1	0		1		1	0	1	3
PHF			0.00	0.25		0.00	0.25	0.25	0.00		0.13		0.08	0.00	0.08	0.19

Heavy Vehicle Rolling Hour Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 42nd Ave			Southbound SE 42nd Ave			Eastbound SE Railroad Ave			Westbound SE Railroad Ave			Interval Total			
			Total	L	R	Total	L	T	Total	T	R	Total				
4:00 PM			0	0		0	0	1	1		2		2	0	2	4
4:15 PM			0	0		0	0	1	0		1		2	0	2	3
4:30 PM			0	1		0	1	1	0		1		1	0	1	3
4:45 PM			0	1		0	1	0	0		0		0	0	0	1
5:00 PM			0	1		0	1	0	0		0		3	0	3	4

The logo for All Traffic Data Services Inc. is located in the bottom right corner. It features the company name "All Traffic Data" in a large, white, serif font, with "Services Inc." in a smaller, white, sans-serif font below it. The text is set against a dark, oval background with a yellow border. Below the text is a yellow graphic element consisting of a series of horizontal bars of varying lengths, resembling a stylized bar chart or a digital display.

Approach	PHF	HV%	Volume
EB	0.89	0.3%	310
WB	0.81	0.5%	203
NB	0.00	0.0%	0
SB	0.88	1.8%	56
Intersection	0.94	0.5%	569

Count Period: 4:00 PM to 6:00 PM

Total Vehicle Summary

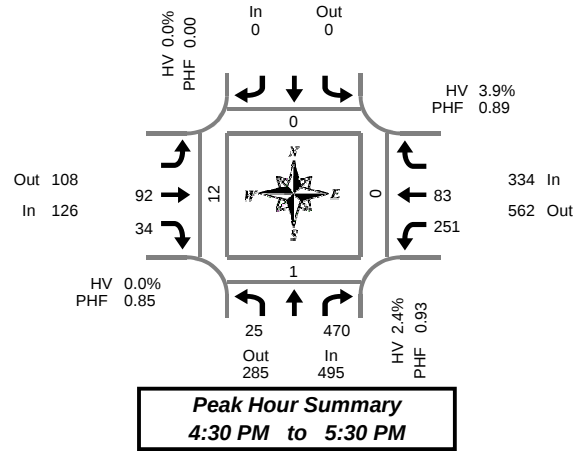


Clay Carney
(503) 833-2740

SE 42nd Ave & SE King Rd

Tuesday, April 28, 2015

4:00 PM to 6:00 PM



15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 42nd Ave				Southbound SE 42nd Ave				Eastbound SE King Rd				Westbound SE King Rd				Interval Total	Pedestrians Crosswalk			
	L		R	Bikes				Bikes	T	R	Bikes		L	T		Bikes		North	South	East	West
4:00 PM	3		113	0				0	20	7	1		38	21		0	202	0	0	0	3
4:15 PM	6		127	0				0	13	8	0		64	20		0	238	0	0	2	3
4:30 PM	9		120	0				0	26	7	0		44	24		0	230	0	0	0	1
4:45 PM	5		107	0				0	15	7	0		72	22		0	228	0	0	0	4
5:00 PM	4		117	0				0	24	10	0		70	20		0	245	0	1	0	4
5:15 PM	7		126	0				0	27	10	0		65	17		0	252	0	0	0	3
5:30 PM	6		104	0				0	25	4	0		52	13		1	204	0	0	0	1
5:45 PM	13		81	0				0	10	7	0		51	19		0	181	0	0	0	0
Total Survey	53		895	0				0	160	60	1		456	156		1	1,780	0	1	2	19

Peak Hour Summary

4:30 PM to 5:30 PM

By Approach	Northbound SE 42nd Ave				Southbound SE 42nd Ave				Eastbound SE King Rd				Westbound SE King Rd				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	495	285	780	0	0	0	0	0	126	108	234	0	334	562	896	0	955	0	1	0	12
%HV	2.4%				0.0%				0.0%				3.9%				2.6%				
PHF	0.93				0.00				0.85				0.89				0.95				

By Movement	Northbound SE 42nd Ave				Southbound SE 42nd Ave				Eastbound SE King Rd				Westbound SE King Rd				Total
	L		R	Total				Total		T	R	Total	L	T		Total	
Volume	25		470	495				0		92	34	126	251	83		334	955
%HV	4.0%		2.3%	2.4%	NA	NA	NA	0.0%	NA	0.0%	0.0%	0.0%	4.0%	3.6%	NA	3.9%	2.6%
PHF	0.69		0.93	0.93				0.00		0.85	0.85	0.85	0.87	0.86		0.89	0.95

Rolling Hour Summary

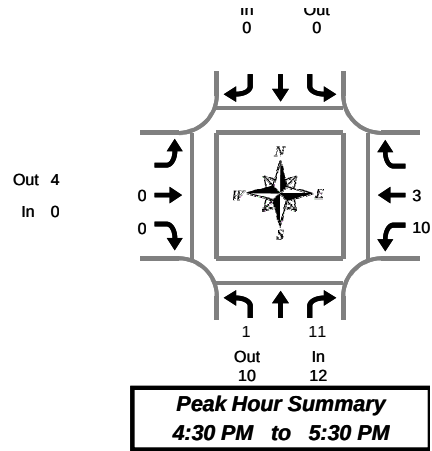
4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 42nd Ave				Southbound SE 42nd Ave				Eastbound SE King Rd				Westbound SE King Rd				Interval Total	Pedestrians Crosswalk			
	L		R	Bikes				Bikes		T	R	Bikes	L	T		Bikes		North	South	East	West
4:00 PM	23		467	0				0		74	29	1	218	87		0	898	0	0	2	11
4:15 PM	24		471	0				0		78	32	0	250	86		0	941	0	1	2	12
4:30 PM	25		470	0				0		92	34	0	251	83		0	955	0	1	0	12
4:45 PM	22		454	0				0		91	31	0	259	72		1	929	0	1	0	12
5:00 PM	30		428	0				0		86	31	0	238	69		1	882	0	1	0	8

Heavy Vehicle Summary



Clay Carney
(503) 833-2740



SE 42nd Ave & SE King Rd

Tuesday, April 28, 2015

4:00 PM to 6:00 PM

Heavy Vehicle 15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 42nd Ave			Southbound SE 42nd Ave			Eastbound SE King Rd			Westbound SE King Rd			Interval Total
	L	R	Total			Total	T	R	Total	L	T	Total	
4:00 PM	0	3	3			0	0	0	0	2	0	2	5
4:15 PM	0	4	4			0	0	0	0	1	0	1	5
4:30 PM	1	1	2			0	0	0	0	2	2	4	6
4:45 PM	0	3	3			0	0	0	0	1	0	1	4
5:00 PM	0	5	5			0	0	0	0	3	0	3	8
5:15 PM	0	2	2			0	0	0	0	4	1	5	7
5:30 PM	0	2	2			0	1	0	1	0	0	0	3
5:45 PM	0	1	1			0	0	0	0	1	0	1	2
Total Survey	1	21	22			0	1	0	1	14	3	17	40

Heavy Vehicle Peak Hour Summary

4:30 PM to 5:30 PM

By Approach	Northbound SE 42nd Ave			Southbound SE 42nd Ave			Eastbound SE King Rd			Westbound SE King Rd			Total
	In	Out	Total	In	Out	Total	In	Out	Total	In	Out	Total	
Volume	12	10	22	0	0	0	0	4	4	13	11	24	25
PHF	0.30			0.00			0.00			0.36			0.33

By Movement	Northbound SE 42nd Ave			Southbound SE 42nd Ave			Eastbound SE King Rd			Westbound SE King Rd			Total
	L	R	Total			Total	T	R	Total	L	T	Total	
Volume	1	11	12			0	0	0	0	10	3	13	25
PHF	0.25	0.28	0.30			0.00	0.00	0.00	0.00	0.31	0.38	0.36	0.33

Heavy Vehicle Rolling Hour Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 42nd Ave			Southbound SE 42nd Ave			Eastbound SE King Rd			Westbound SE King Rd			Interval Total
	L	R	Total			Total	T	R	Total	L	T	Total	
4:00 PM	1	11	12			0	0	0	0	6	2	8	20
4:15 PM	1	13	14			0	0	0	0	7	2	9	23
4:30 PM	1	11	12			0	0	0	0	10	3	13	25
4:45 PM	0	12	12			0	1	0	1	8	1	9	22
5:00 PM	0	10	10			0	1	0	1	8	1	9	20

Peak Hour Summary



Clay Carney
(503) 833-2740

SE 42nd Ave & SE King Rd

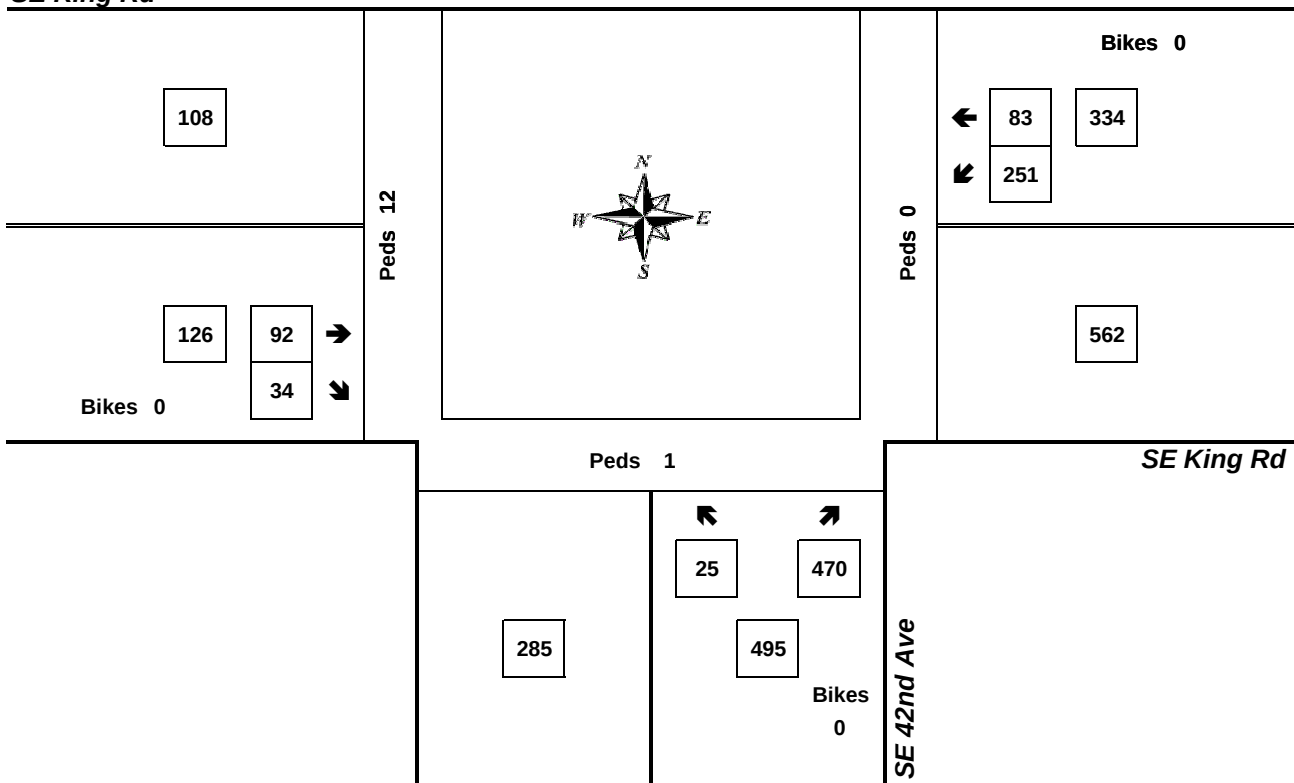
4:30 PM to 5:30 PM

Tuesday, April 28, 2015

Bikes
0

SE King Rd

Peds 0



Approach	PHF	HV%	Volume
EB	0.85	0.0%	126
WB	0.89	3.9%	334
NB	0.93	2.4%	495
SB	0.00	0.0%	0
Intersection	0.95	2.6%	955

Count Period: 4:00 PM to 6:00 PM

Total Vehicle Summary

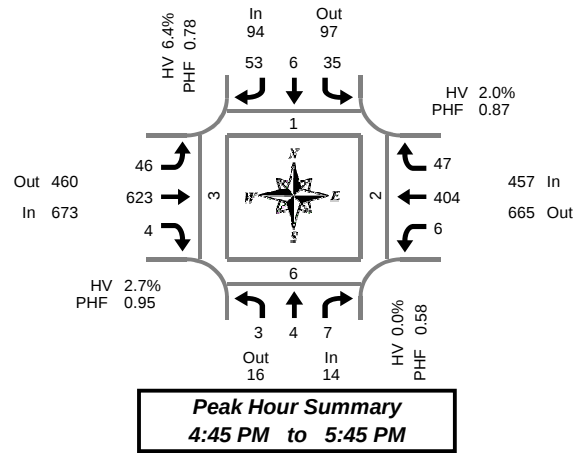


Clay Carney
(503) 833-2740

SE Stanley Ave & SE King Rd

Tuesday, April 28, 2015

4:00 PM to 6:00 PM



15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Stanley Ave				Southbound SE Stanley Ave				Eastbound SE King Rd				Westbound SE King Rd				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	1	0	0	0	6	2	10	0	9	141	2	0	0	89	9	0	269	3	0	0	0
4:15 PM	0	0	3	0	6	1	20	0	13	153	0	1	1	91	7	0	295	0	0	0	0
4:30 PM	1	1	2	1	5	1	10	0	20	155	0	0	2	93	9	0	299	3	0	0	0
4:45 PM	3	2	1	0	8	2	10	0	13	152	0	1	4	120	8	0	323	0	0	0	2
5:00 PM	0	1	2	0	5	1	16	0	6	162	0	0	1	95	10	0	299	0	2	0	0
5:15 PM	0	0	3	0	12	3	15	0	12	147	3	0	1	105	10	0	311	1	2	2	1
5:30 PM	0	1	1	0	10	0	12	0	15	162	1	0	0	84	19	0	305	0	2	0	0
5:45 PM	0	0	6	0	8	1	7	0	10	118	2	0	1	101	12	0	266	1	2	0	1
Total Survey	5	5	18	1	60	11	100	0	98	1,190	8	2	10	778	84	0	2,367	8	8	2	4

Peak Hour Summary

4:45 PM to 5:45 PM

By Approach	Northbound SE Stanley Ave				Southbound SE Stanley Ave				Eastbound SE King Rd				Westbound SE King Rd				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	14	16	30	0	94	97	191	0	673	460	1,133	1	457	665	1,122	0	1,238	1	6	2	3
%HV	0.0%				6.4%				2.7%				2.0%				2.7%				
PHF	0.58				0.78				0.95				0.87				0.96				

By Movement	Northbound SE Stanley Ave				Southbound SE Stanley Ave				Eastbound SE King Rd				Westbound SE King Rd				Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
Volume	3	4	7	14	35	6	53	94	46	623	4	673	6	404	47	457	1,238
%HV	0.0%	0.0%	0.0%	0.0%	2.9%	0.0%	9.4%	6.4%	4.3%	2.6%	0.0%	2.7%	0.0%	2.2%	0.0%	2.0%	2.7%
PHF	0.25	0.50	0.58	0.58	0.73	0.50	0.83	0.78	0.77	0.96	0.33	0.95	0.38	0.84	0.62	0.87	0.96

Rolling Hour Summary

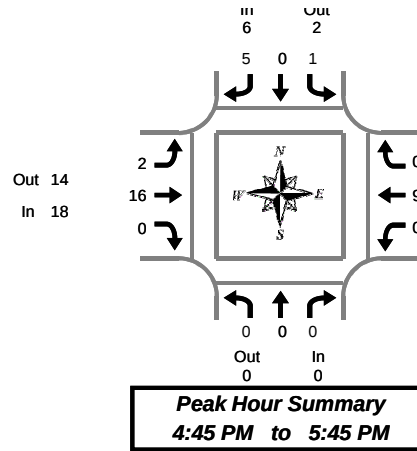
4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Stanley Ave				Southbound SE Stanley Ave				Eastbound SE King Rd				Westbound SE King Rd				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	5	3	6	1	25	6	50	0	55	601	2	2	7	393	33	0	1,186	6	0	0	2
4:15 PM	4	4	8	1	24	5	56	0	52	622	0	2	8	399	34	0	1,216	3	2	0	2
4:30 PM	4	4	8	1	30	7	51	0	51	616	3	1	8	413	37	0	1,232	4	4	2	3
4:45 PM	3	4	7	0	35	6	53	0	46	623	4	1	6	404	47	0	1,238	1	6	2	3
5:00 PM	0	2	12	0	35	5	50	0	43	589	6	0	3	385	51	0	1,181	2	8	2	2

Heavy Vehicle Summary



Clay Carney
(503) 833-2740



SE Stanley Ave & SE King Rd

Tuesday, April 28, 2015

4:00 PM to 6:00 PM

Heavy Vehicle 15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Stanley Ave				Southbound SE Stanley Ave				Eastbound SE King Rd				Westbound SE King Rd				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	0	0	0	0	0	0	0	0	1	3	2	6	0	2	0	2	8
4:15 PM	0	0	2	2	0	0	0	0	0	4	0	4	0	4	0	4	10
4:30 PM	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	3	4
4:45 PM	0	0	0	0	0	0	1	1	0	4	0	4	0	2	0	2	7
5:00 PM	0	0	0	0	0	0	2	2	0	7	0	7	0	0	0	0	9
5:15 PM	0	0	0	0	0	0	1	1	1	3	0	4	0	6	0	6	11
5:30 PM	0	0	0	0	1	0	1	2	1	2	0	3	0	1	0	1	6
5:45 PM	0	0	0	0	1	0	0	1	0	2	0	2	0	2	1	3	6
Total Survey	0	0	2	2	2	0	5	7	3	26	2	31	1	18	2	21	61

Heavy Vehicle Peak Hour Summary

4:45 PM to 5:45 PM

By Approach	Northbound SE Stanley Ave			Southbound SE Stanley Ave			Eastbound SE King Rd			Westbound SE King Rd			Total
	In	Out	Total	In	Out	Total	In	Out	Total	In	Out	Total	
Volume	0	0	0	6	2	8	18	14	32	9	17	26	33
PHF	0.00			0.30			0.30			0.23			0.31

By Movement	Northbound SE Stanley Ave				Southbound SE Stanley Ave				Eastbound SE King Rd				Westbound SE King Rd				Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
Volume	0	0	0	0	1	0	5	6	2	16	0	18	0	9	0	9	33
PHF	0.00	0.00	0.00	0.00	0.13	0.00	0.31	0.30	0.25	0.29	0.00	0.30	0.00	0.25	0.00	0.23	0.31

Heavy Vehicle Rolling Hour Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Stanley Ave				Southbound SE Stanley Ave				Eastbound SE King Rd				Westbound SE King Rd				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	0	0	2	2	0	0	1	1	1	12	2	15	1	9	1	11	29
4:15 PM	0	0	2	2	0	0	3	3	0	16	0	16	1	7	1	9	30
4:30 PM	0	0	0	0	0	0	4	4	1	15	0	16	1	9	1	11	31
4:45 PM	0	0	0	0	1	0	5	6	2	16	0	18	0	9	0	9	33
5:00 PM	0	0	0	0	2	0	4	6	2	14	0	16	0	9	1	10	32

Peak Hour Summary

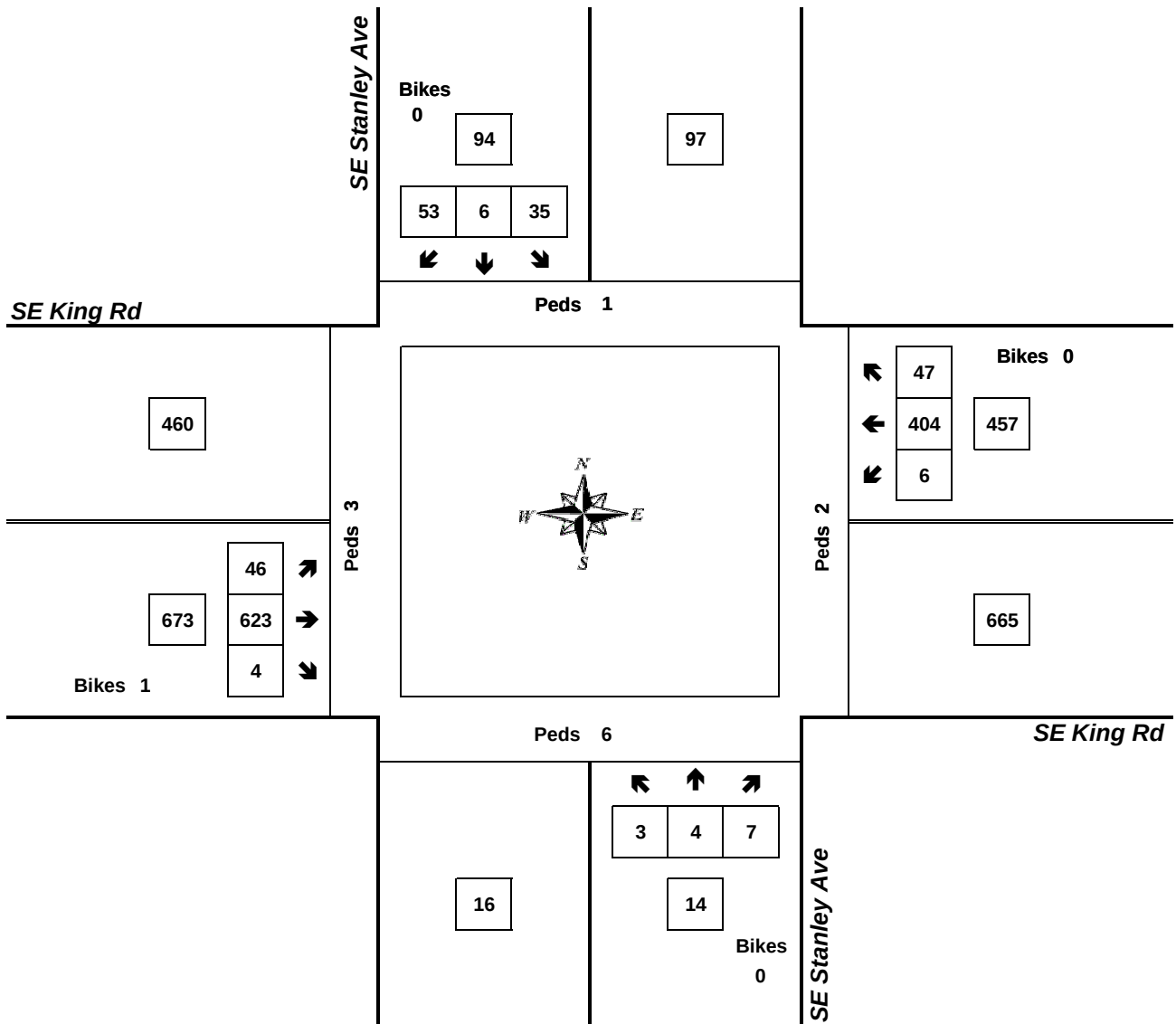


Clay Carney
(503) 833-2740

SE Stanley Ave & SE King Rd

4:45 PM to 5:45 PM

Tuesday, April 28, 2015



Approach	PHF	HV%	Volume
EB	0.95	2.7%	673
WB	0.87	2.0%	457
NB	0.58	0.0%	14
SB	0.78	6.4%	94
Intersection	0.96	2.7%	1,238

Count Period: 4:00 PM to 6:00 PM

Total Vehicle Summary

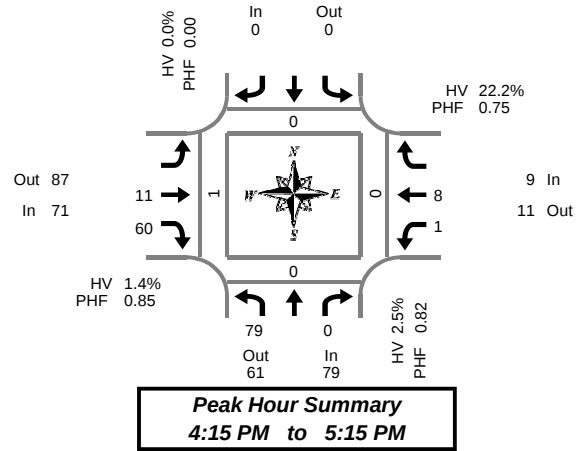


Clay Carney
(503) 833-2740

SE 72nd Ave & SE Monroe St

Tuesday, April 28, 2015

4:00 PM to 6:00 PM



15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 72nd Ave				Southbound SE 72nd Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Interval Total	Pedestrians Crosswalk			
	L		R	Bikes				Bikes	T	R	Bikes		L	T		Bikes		North	South	East	West
4:00 PM	17		0	0				0	1	13	0	0	6		0	0	37	0	0	0	0
4:15 PM	12		0	0				0	2	13	0	0	1		0	0	28	0	0	0	1
4:30 PM	24		0	0				0	4	17	0	1	2		0	0	48	0	0	0	0
4:45 PM	23		0	0				0	3	15	0	0	2		0	0	43	0	0	0	0
5:00 PM	20		0	0				0	2	15	0	0	3		0	0	40	0	0	0	0
5:15 PM	8		1	1				0	0	11	0	0	2		0	0	22	0	0	0	0
5:30 PM	23		0	0				0	8	19	0	0	0		0	0	50	0	0	0	0
5:45 PM	13		0	0				0	4	13	0	0	1		0	0	31	0	0	0	0
Total Survey	140		1	1				0	24	116	0	1	17		0	0	299	0	0	0	1

Peak Hour Summary

4:15 PM to 5:15 PM

By Approach	Northbound SE 72nd Ave				Southbound SE 72nd Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	79	61	140	0	0	0	0	0	71	87	158	0	9	11	20	0	159	0	0	0	1
%HV	2.5%				0.0%				1.4%				22.2%				3.1%				
PHF	0.82				0.00				0.85				0.75				0.83				

By Movement	Northbound SE 72nd Ave				Southbound SE 72nd Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Total
	L		R	Total				Total		T	R	Total	L	T		Total	
Volume	79		0	79				0		11	60	71	1	8		9	159
%HV	2.5%	NA	0.0%	2.5%	NA	NA	NA	0.0%	NA	0.0%	1.7%	1.4%	#####	12.5%	NA	22.2%	3.1%
PHF	0.82		0.00	0.82				0.00		0.69	0.88	0.85	0.25	0.67		0.75	0.83

Rolling Hour Summary

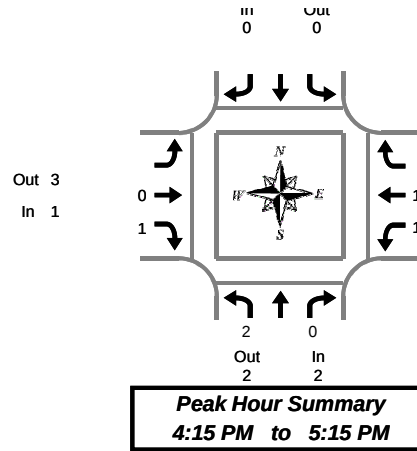
4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 72nd Ave				Southbound SE 72nd Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Interval Total	Pedestrians Crosswalk			
	L		R	Bikes				Bikes		T	R	Bikes	L	T		Bikes		North	South	East	West
4:00 PM	76		0	0				0		10	58	0	1	11		0	156	0	0	0	1
4:15 PM	79		0	0				0		11	60	0	1	8		0	159	0	0	0	1
4:30 PM	75		1	1				0		9	58	0	1	9		0	153	0	0	0	0
4:45 PM	74		1	1				0		13	60	0	0	7		0	155	0	0	0	0
5:00 PM	64		1	1				0		14	58	0	0	6		0	143	0	0	0	0

Heavy Vehicle Summary



Clay Carney
(503) 833-2740



SE 72nd Ave & SE Monroe St

Tuesday, April 28, 2015

4:00 PM to 6:00 PM

Heavy Vehicle 15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 72nd Ave			Southbound SE 72nd Ave			Eastbound SE Monroe St			Westbound SE Monroe St			Interval Total
	L	R	Total	L	R	Total	T	R	Total	L	T	Total	
4:00 PM	0	0	0			0	0	3	3	0	1	1	4
4:15 PM	0	0	0			0	0	0	0	0	0	0	0
4:30 PM	1	0	1			0	0	1	1	1	1	2	4
4:45 PM	1	0	1			0	0	0	0	0	0	0	1
5:00 PM	0	0	0			0	0	0	0	0	0	0	0
5:15 PM	0	0	0			0	0	1	1	0	0	0	1
5:30 PM	0	0	0			0	0	1	1	0	0	0	1
5:45 PM	0	0	0			0	0	0	0	0	0	0	0
Total Survey	2	0	2			0	0	6	6	1	2	3	11

Heavy Vehicle Peak Hour Summary

4:15 PM to 5:15 PM

By Approach	Northbound SE 72nd Ave			Southbound SE 72nd Ave			Eastbound SE Monroe St			Westbound SE Monroe St			Total
	In	Out	Total	In	Out	Total	In	Out	Total	In	Out	Total	
Volume	2	2	4	0	0	0	1	3	4	2	0	2	5
PHF	0.25			0.00			0.06			0.17			0.16

By Movement	Northbound SE 72nd Ave			Southbound SE 72nd Ave			Eastbound SE Monroe St			Westbound SE Monroe St			Total
	L	R	Total	L	R	Total	T	R	Total	L	T	Total	
Volume	2	0	2			0	0	1	1	1	1	2	5
PHF	0.25	0.00	0.25			0.00	0.00	0.06	0.06	0.25	0.13	0.17	0.16

Heavy Vehicle Rolling Hour Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 72nd Ave			Southbound SE 72nd Ave			Eastbound SE Monroe St			Westbound SE Monroe St			Interval Total
	L	R	Total	L	R	Total	T	R	Total	L	T	Total	
4:00 PM	2	0	2			0	0	4	4	1	2	3	9
4:15 PM	2	0	2			0	0	1	1	1	1	2	5
4:30 PM	2	0	2			0	0	2	2	1	1	2	6
4:45 PM	1	0	1			0	0	2	2	0	0	0	3
5:00 PM	0	0	0			0	0	2	2	0	0	0	2

Peak Hour Summary



Clay Carney
(503) 833-2740

SE 72nd Ave & SE Monroe St

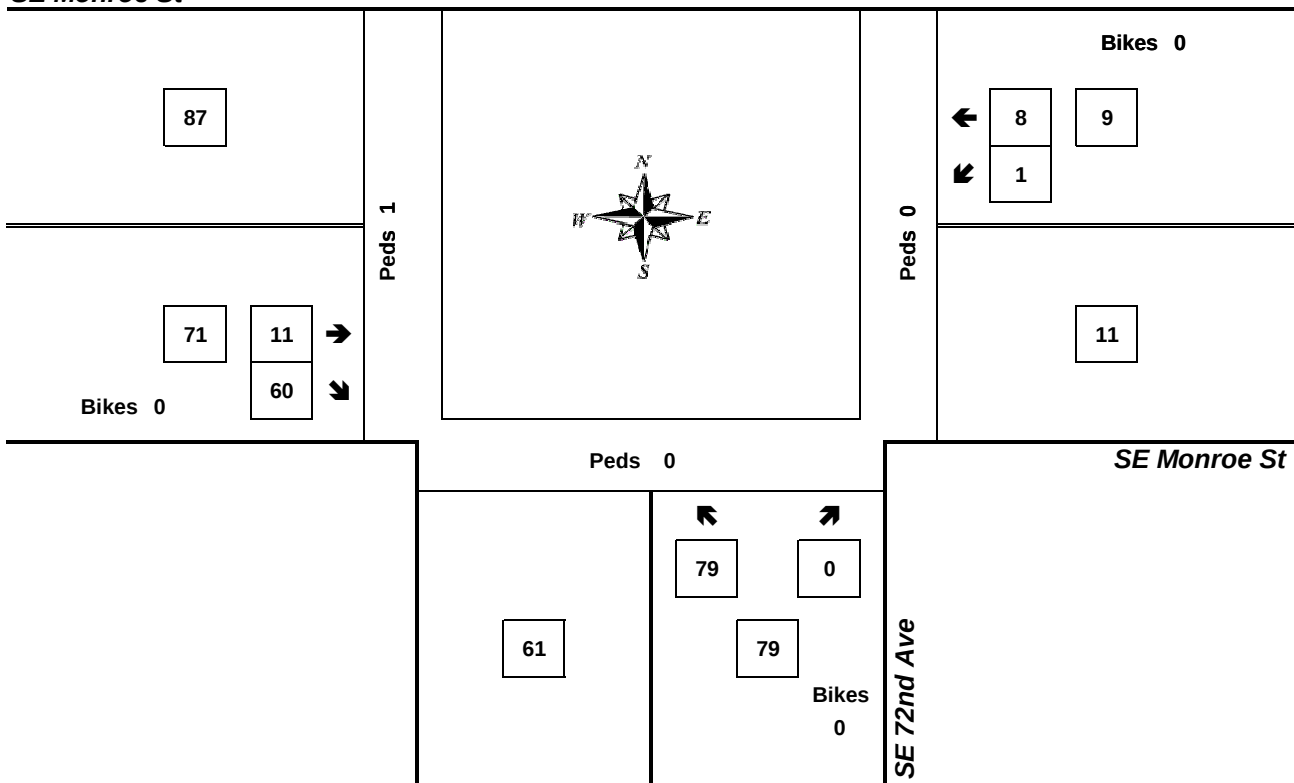
4:15 PM to 5:15 PM

Tuesday, April 28, 2015

Bikes
0

SE Monroe St

Peds 0



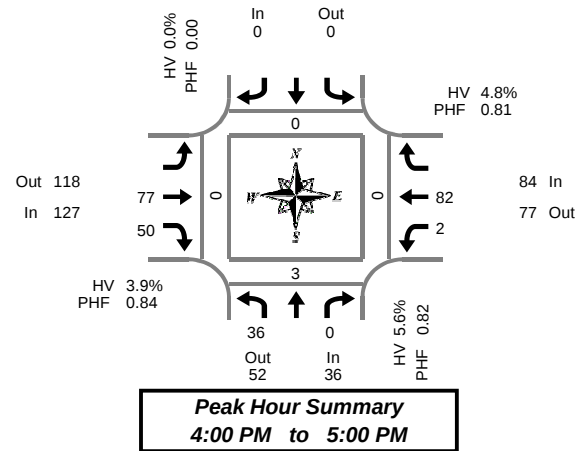
Approach	PHF	HV%	Volume
EB	0.85	1.4%	71
WB	0.75	22.2%	9
NB	0.82	2.5%	79
SB	0.00	0.0%	0
Intersection	0.83	3.1%	159

Count Period: 4:00 PM to 6:00 PM

Total Vehicle Summary



Clay Carney
(503) 833-2740



SE Maplehurst Rd & SE Monroe St

Tuesday, April 28, 2015

4:00 PM to 6:00 PM

15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Maplehurst Rd				Southbound SE Maplehurst Rd				Eastbound SE Monroe St			Westbound SE Monroe St				Interval Total	Pedestrians Crosswalk			
	L		R	Bikes				Bikes	T	R	Bikes	L	T		Bikes		North	South	East	West
4:00 PM	11		0	0				0	13	11	0	1	23		0	59	0	0	0	0
4:15 PM	7		0	0				0	20	12	1	0	11		0	50	0	1	0	0
4:30 PM	8		0	0				0	22	16	0	0	23		0	69	0	0	0	0
4:45 PM	10		0	0				0	22	11	0	1	25		0	69	0	2	0	0
5:00 PM	7		0	0				0	15	9	1	0	20		0	51	0	0	0	2
5:15 PM	7		1	0				0	15	5	0	0	13		1	41	0	0	0	0
5:30 PM	13		0	0				0	21	15	0	1	24		1	74	0	0	0	2
5:45 PM	10		1	0				0	15	9	0	1	12		0	48	0	0	0	1
Total Survey	73		2	0				0	143	88	2	4	151		2	461	0	3	0	5

Peak Hour Summary

4:00 PM to 5:00 PM

By Approach	Northbound SE Maplehurst Rd				Southbound SE Maplehurst Rd				Eastbound SE Monroe St			Westbound SE Monroe St				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total		North	South	East	West
Volume	36	52	88	0	0	0	0	0	127	118	245	1	84	77	161	0	0	3	0	0
%HV	5.6%				0.0%				3.9%			4.8%				4.5%				
PHF	0.82				0.00				0.84			0.81				0.89				

By Movement	Northbound SE Maplehurst Rd				Southbound SE Maplehurst Rd				Eastbound SE Monroe St			Westbound SE Monroe St				Total
	L		R	Total				Total	T	R	Total	L	T		Total	
Volume	36		0	36				0	77	50	127	2	82		84	247
%HV	5.6%	NA	0.0%	5.6%	NA	NA	NA	0.0%	NA	5.2%	2.0%	3.9%	50.0%	3.7%	NA	4.5%
PHF	0.82		0.00	0.82				0.00		0.88	0.78	0.84	0.50	0.82	0.81	0.89

Rolling Hour Summary

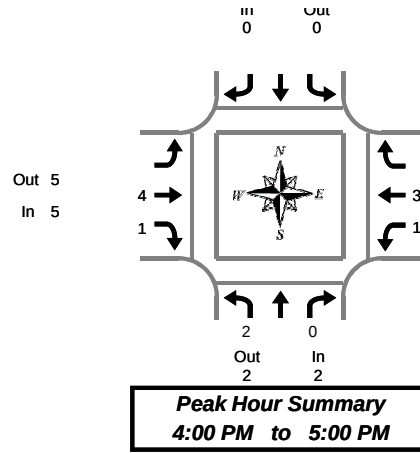
4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Maplehurst Rd				Southbound SE Maplehurst Rd				Eastbound SE Monroe St			Westbound SE Monroe St				Interval Total	Pedestrians Crosswalk			
	L		R	Bikes				Bikes	T	R	Bikes	L	T		Bikes		North	South	East	West
4:00 PM	36		0	0				0	77	50	1	2	82		0	247	0	3	0	0
4:15 PM	32		0	0				0	79	48	2	1	79		0	239	0	3	0	2
4:30 PM	32		1	0				0	74	41	1	1	81		1	230	0	2	0	2
4:45 PM	37		1	0				0	73	40	1	2	82		2	235	0	2	0	4
5:00 PM	37		2	0				0	66	38	1	2	69		2	214	0	0	0	5

Heavy Vehicle Summary



Clay Carney
(503) 833-2740



SE Maplehurst Rd & SE Monroe St

Tuesday, April 28, 2015

4:00 PM to 6:00 PM

Heavy Vehicle 15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Maplehurst Rd				Southbound SE Maplehurst Rd				Eastbound SE Monroe St			Westbound SE Monroe St				Interval Total
	L		R	Total				Total	T	R	Total	L	T		Total	
4:00 PM	2		0	2				0	1	1	2	0	0		0	4
4:15 PM	0		0	0				0	1	0	1	0	0		0	1
4:30 PM	0		0	0				0	1	0	1	0	0		2	3
4:45 PM	0		0	0				0	1	0	1	1	1		2	3
5:00 PM	0		0	0				0	0	0	0	0	0		0	0
5:15 PM	0		0	0				0	2	1	3	0	0		0	3
5:30 PM	0		0	0				0	0	0	0	0	0		0	0
5:45 PM	0		0	0				0	1	0	1	0	0		0	1
Total Survey	2		0	2				0	7	2	9	1	3		4	15

Heavy Vehicle Peak Hour Summary

4:00 PM to 5:00 PM

By Approach	Northbound SE Maplehurst Rd				Southbound SE Maplehurst Rd				Eastbound SE Monroe St			Westbound SE Monroe St				Total
	In	Out	Total		In	Out	Total		In	Out	Total	In	Out	Total		
Volume	2	2	4		0	0	0		5	5	10	4	4	8		11
PHF	0.25				0.00				0.31			0.25				0.34

By Movement	Northbound SE Maplehurst Rd				Southbound SE Maplehurst Rd				Eastbound SE Monroe St			Westbound SE Monroe St				Total
	L		R	Total				Total	T	R	Total	L	T		Total	
Volume	2		0	2				0	4	1	5	1	3		4	11
PHF	0.25		0.00	0.25				0.00	0.33	0.25	0.31	0.25	0.25		0.25	0.34

Heavy Vehicle Rolling Hour Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Maplehurst Rd				Southbound SE Maplehurst Rd				Eastbound SE Monroe St			Westbound SE Monroe St				Interval Total
	L		R	Total				Total	T	R	Total	L	T		Total	
4:00 PM	2		0	2				0	4	1	5	1	3		4	11
4:15 PM	0		0	0				0	3	0	3	1	3		4	7
4:30 PM	0		0	0				0	4	1	5	1	3		4	9
4:45 PM	0		0	0				0	3	1	4	1	1		2	6
5:00 PM	0		0	0				0	3	1	4	0	0		0	4

Peak Hour Summary



Clay Carney
(503) 833-2740

SE Maplehurst Rd & SE Monroe St

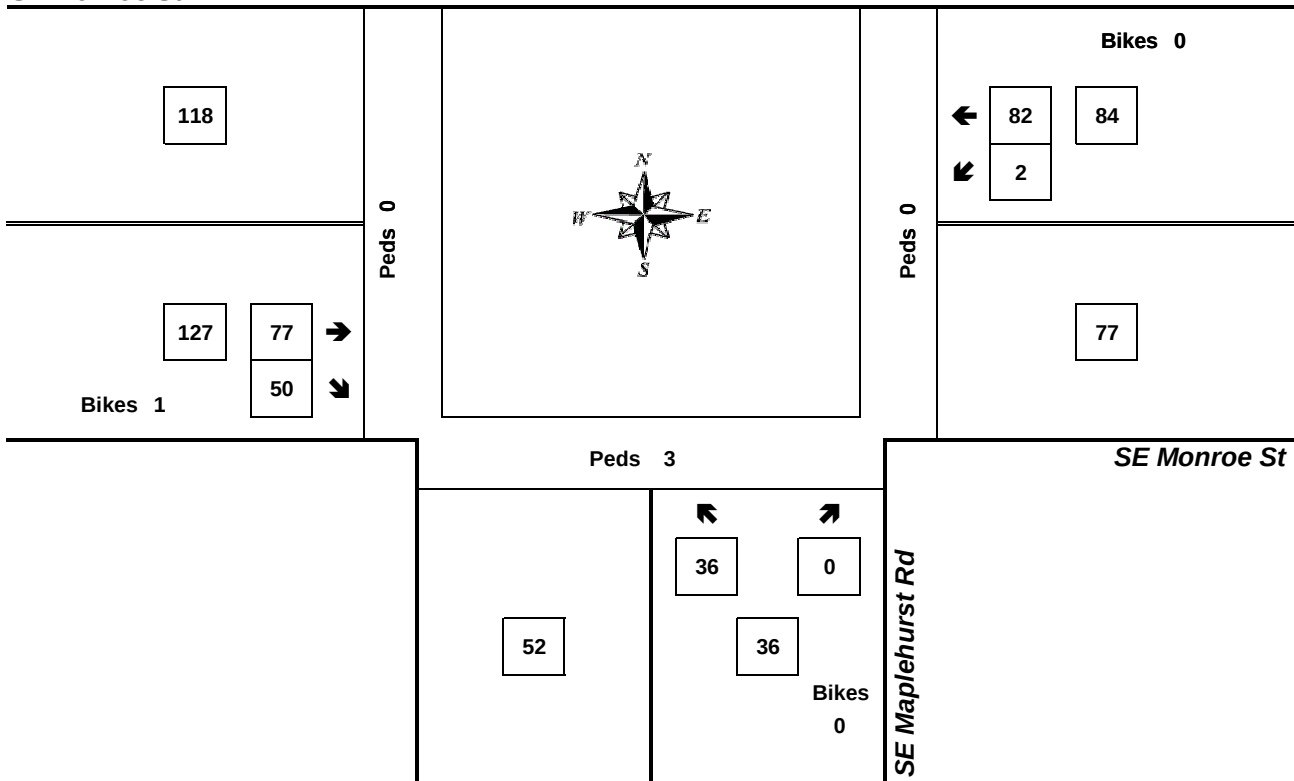
4:00 PM to 5:00 PM

Tuesday, April 28, 2015

Bikes
0

SE Monroe St

Peds 0



Approach	PHF	HV%	Volume
EB	0.84	3.9%	127
WB	0.81	4.8%	84
NB	0.82	5.6%	36
SB	0.00	0.0%	0
Intersection	0.89	4.5%	247

Count Period: 4:00 PM to 6:00 PM

Additional Surveys for Monroe Street and Maplehurst Road

Total Vehicle Summary



SE 72nd Ave & SE Monroe St

Tuesday, September 15, 2015
4:00 PM to 6:00 PM

15-Minute Interval Summary
4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 72nd Ave				Southbound SE 72nd Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Interval Total	Pedestrians Crosswalk			
	L	R	Bikes				Bikes		T	R	Bikes		L	T		Bikes		North	South	East	West
4:00 PM	26	0	0				0		0	16	0		0	2		0	44	0	0	0	0
4:15 PM	24	0	1				0		2	22	0		0	3		0	51	0	0	0	1
4:30 PM	29	0	0				0		4	31	0		0	1		0	65	0	0	0	0
4:45 PM	27	1	0				0		2	40	0		1	4		0	75	0	0	7	1
5:00 PM	24	0	0				0		3	27	0		0	1		0	55	0	0	1	0
5:15 PM	26	0	1				0		1	34	0		0	0		0	61	0	0	0	0
5:30 PM	27	0	2				0		3	22	0		0	2		0	54	0	0	0	0
5:45 PM	23	0	0				0		2	39	0		2	2		0	68	0	0	1	6
Total Survey	206		1	4			0		17	231	0		3	15		0	473	0	0	9	8

Peak Hour Summary
4:30 PM to 5:30 PM

By Approach	Northbound SE 72nd Ave				Southbound SE 72nd Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	107	133	240	1	0	0	0	0	142	112	254	0	7	11	18	0	256	0	0	8	1
%HV	0.0%				0.0%				1.4%				14.3%				1.2%				
PHF	0.92				0.00				0.85				0.35				0.85				

By Movement	Northbound SE 72nd Ave				Southbound SE 72nd Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Total
	L		R	Total				Total	T	R	Total		L	T		Total	
Volume	106		1	107				0	10	132	142		1	6		7	256
%HV	0.0%	NA	0.0%	0.0%	NA	NA	NA	0.0%	NA	10.0%	0.8%	1.4%	0.0%	16.7%	NA	14.3%	1.2%
PHF	0.91		0.25	0.92				0.00	0.63	0.83	0.85		0.25	0.38		0.35	0.85

Rolling Hour Summary
4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 72nd Ave				Southbound SE 72nd Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Interval Total	Pedestrians Crosswalk			
	L		R	Bikes				Bikes	T	R	Bikes		L	T		Bikes		North	South	East	West
4:00 PM	106		1	1				0	8	109	0		1	10		0	235	0	0	7	2
4:15 PM	104		1	1				0	11	120	0		1	9		0	246	0	0	8	2
4:30 PM	106		1	1				0	10	132	0		1	6		0	256	0	0	8	1
4:45 PM	104		1	3				0	9	123	0		1	7		0	245	0	0	8	1
5:00 PM	100		0	3				0	9	122	0		2	5		0	238	0	0	2	6

Total Vehicle Summary



SE 74th Ave & SE Thompson Rd

Tuesday, September 15, 2015
4:00 PM to 6:00 PM

15-Minute Interval Summary
4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 74th Ave				Southbound SE 74th Ave				Eastbound SE Thompson Rd				Westbound SE Thompson Rd				Interval Total	Pedestrians Crosswalk			
				Bikes				Bikes	T		Bikes		T		Bikes			North	South	East	West
4:00 PM				0				0	18		0		28		0		46	0	0	0	0
4:15 PM				0				0	22		0		24		0		46	0	0	0	0
4:30 PM				0				0	28		0		30		0		58	0	0	0	0
4:45 PM				0				0	25		0		30		0		55	0	0	0	0
5:00 PM				0				0	22		0		32		0		54	0	0	0	0
5:15 PM				0				0	34		0		33		1		67	0	0	1	0
5:30 PM				0				0	19		0		39		1		58	0	0	0	0
5:45 PM				0				0	20		0		40		0		60	0	0	1	0
Total Survey				0				0	188		0		256		2		444	0	0	2	0

Peak Hour Summary
5:00 PM to 6:00 PM

By Approach	Northbound SE 74th Ave				Southbound SE 74th Ave				Eastbound SE Thompson Rd				Westbound SE Thompson Rd				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	0	0	0	0	0	0	0	0	95	144	239	0	144	95	239	2	239	0	0	2	0
%HV	0.0%				0.0%				0.0%				0.7%				0.4%				
PHF	0.00				0.00				0.70				0.90				0.89				

By Movement	Northbound SE 74th Ave				Southbound SE 74th Ave				Eastbound SE Thompson Rd				Westbound SE Thompson Rd				Total
				Total				Total		T		Total		T		Total	
Volume				0				0		95		95		144		144	239
%HV	NA	NA	NA	0.0%	NA	NA	NA	0.0%	NA	0.0%	NA	0.0%	NA	0.7%	NA	0.7%	0.4%
PHF				0.00				0.00		0.70		0.70		0.90		0.90	0.89

Rolling Hour Summary
4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 74th Ave				Southbound SE 74th Ave				Eastbound SE Thompson Rd				Westbound SE Thompson Rd				Interval Total	Pedestrians Crosswalk			
				Bikes				Bikes	T		Bikes		T		Bikes			North	South	East	West
4:00 PM				0				0	93		0		112		0		205	0	0	0	0
4:15 PM				0				0	97		0		116		0		213	0	0	0	0
4:30 PM				0				0	109		0		125		1		234	0	0	1	0
4:45 PM				0				0	100		0		134		2		234	0	0	1	0
5:00 PM				0				0	95		0		144		2		239	0	0	2	0

Total Vehicle Summary



SE 77th Ave & SE Monroe St

Tuesday, September 15, 2015
4:00 PM to 6:00 PM

15-Minute Interval Summary
4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 77th Ave				Southbound SE 77th Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Interval Total	Pedestrians Crosswalk			
				Bikes				Bikes	T		Bikes		T		Bikes			North	South	East	West
4:00 PM				0				0	0		0		2		0		2	1	0	0	0
4:15 PM				0				0	2		0		2		0		4	2	0	0	0
4:30 PM				0				0	1		0		1		0		2	7	0	0	0
4:45 PM				0				0	0		0		1		0		1	9	0	0	0
5:00 PM				0				0	2		0		1		0		3	6	0	0	0
5:15 PM				0				0	1		0		3		0		4	7	0	0	0
5:30 PM				0				0	2		0		3		0		5	1	0	0	0
5:45 PM				0				3	1		0		1		0		2	1	0	0	0
Total Survey				0				3	9		0		14		0		23	34	0	0	0

Peak Hour Summary
5:00 PM to 6:00 PM

By Approach	Northbound SE 77th Ave				Southbound SE 77th Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	0	0	0	0	0	0	0	3	6	8	14	0	8	6	14	0	14	15	0	0	0
%HV	0.0%				0.0%				0.0%				0.0%				0.0%				
PHF	0.00				0.00				0.75				0.67				0.70				

By Movement	Northbound SE 77th Ave				Southbound SE 77th Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Total
				Total				Total	T		Total		T		Total		
Volume				0				0	6		6		8		8		14
%HV	NA	NA	NA	0.0%	NA	NA	NA	0.0%	NA	0.0%	NA	0.0%	NA	0.0%	NA	0.0%	0.0%
PHF				0.00				0.00	0.75		0.75		0.67		0.67		0.70

Rolling Hour Summary
4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 77th Ave				Southbound SE 77th Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Interval Total	Pedestrians Crosswalk			
				Bikes				Bikes	T		Bikes		T		Bikes			North	South	East	West
4:00 PM				0				0	3		0		6		0		9	19	0	0	0
4:15 PM				0				0	5		0		5		0		10	24	0	0	0
4:30 PM				0				0	4		0		6		0		10	29	0	0	0
4:45 PM				0				0	5		0		8		0		13	23	0	0	0
5:00 PM				0				3	6		0		8		0		14	15	0	0	0

Total Vehicle Summary



SE Maplehurst Rd & SE Charles St

Tuesday, September 15, 2015
4:00 PM to 6:00 PM

15-Minute Interval Summary
4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Maplehurst Rd				Southbound SE Maplehurst Rd				Eastbound SE Charles St				Westbound SE Charles St				Interval Total	Pedestrians Crosswalk			
	L	T		Bikes		T	R	Bikes	L		R	Bikes				Bikes		North	South	East	West
4:00 PM	0	15		0		6	1	0	0		0	0				0	22	0	0	0	0
4:15 PM	0	14		0		8	1	0	0		0	0				0	23	0	0	0	0
4:30 PM	0	5		0		9	2	0	1		0	0				0	17	0	0	0	0
4:45 PM	0	8		0		13	0	0	0		0	0				0	21	0	0	0	0
5:00 PM	0	15		0		16	2	0	1		0	0				0	34	0	0	0	2
5:15 PM	1	10		0		14	0	2	0		0	0				0	25	0	0	0	3
5:30 PM	0	9		0		10	1	1	1		0	0				0	21	0	0	0	0
5:45 PM	0	17		0		10	0	0	0		0	0				0	27	0	0	0	0
Total Survey	1	93		0		86	7	3	3		0	0				0	190	0	0	0	5

Peak Hour Summary
5:00 PM to 6:00 PM

By Approach	Northbound SE Maplehurst Rd				Southbound SE Maplehurst Rd				Eastbound SE Charles St				Westbound SE Charles St				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	52	50	102	0	53	53	106	3	2	4	6	0	0	0	0	0	107	0	0	0	5
%HV	1.9%				1.9%				0.0%				0.0%				1.9%				
PHF	0.76				0.74				0.50				0.00				0.79				

By Movement	Northbound SE Maplehurst Rd				Southbound SE Maplehurst Rd				Eastbound SE Charles St				Westbound SE Charles St				Total
	L	T		Total		T	R	Total	L		R	Total				Total	
Volume	1	51		52		50	3	53	2		0	2				0	107
%HV	0.0%	2.0%	NA	1.9%	NA	2.0%	0.0%	1.9%	0.0%	NA	0.0%	0.0%	NA	NA	NA	0.0%	1.9%
PHF	0.25	0.75		0.76		0.78	0.38	0.74	0.50		0.00	0.50				0.00	0.79

Rolling Hour Summary
4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Maplehurst Rd				Southbound SE Maplehurst Rd				Eastbound SE Charles St				Westbound SE Charles St				Interval Total	Pedestrians Crosswalk			
	L	T		Bikes		T	R	Bikes	L		R	Bikes				Bikes		North	South	East	West
4:00 PM	0	42		0		36	4	0	1		0	0				0	83	0	0	0	0
4:15 PM	0	42		0		46	5	0	2		0	0				0	95	0	0	0	2
4:30 PM	1	38		0		52	4	2	2		0	0				0	97	0	0	0	5
4:45 PM	1	42		0		53	3	3	2		0	0				0	101	0	0	0	5
5:00 PM	1	51		0		50	3	3	2		0	0				0	107	0	0	0	5

Total Vehicle Summary



SE 77th Ave & SE Monroe St

Tuesday, September 15, 2015
4:00 PM to 6:00 PM

15-Minute Interval Summary
4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 77th Ave				Southbound SE 77th Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Interval Total	Pedestrians Crosswalk			
				Bikes				Bikes	T		Bikes		T		Bikes			North	South	East	West
4:00 PM				0				0	0		0		2		0		2	1	0	0	0
4:15 PM				0				0	2		0		2		0		4	2	0	0	0
4:30 PM				0				0	1		0		1		0		2	7	0	0	0
4:45 PM				0				0	0		0		1		0		1	9	0	0	0
5:00 PM				0				0	2		0		1		0		3	6	0	0	0
5:15 PM				0				0	1		0		3		0		4	7	0	0	0
5:30 PM				0				0	2		0		3		0		5	1	0	0	0
5:45 PM				0				3	1		0		1		0		2	1	0	0	0
Total Survey				0				3	9		0		14		0		23	34	0	0	0

Peak Hour Summary
5:00 PM to 6:00 PM

By Approach	Northbound SE 77th Ave				Southbound SE 77th Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	0	0	0	0	0	0	0	3	6	8	14	0	8	6	14	0	14	15	0	0	0
%HV	0.0%				0.0%				0.0%				0.0%				0.0%				
PHF	0.00				0.00				0.75				0.67				0.70				

By Movement	Northbound SE 77th Ave				Southbound SE 77th Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Total
				Total				Total	T		Total		T		Total		
Volume				0				0	6		6		8		8		14
%HV	NA	NA	NA	0.0%	NA	NA	NA	0.0%	NA	0.0%	NA	0.0%	NA	0.0%	NA	0.0%	0.0%
PHF				0.00				0.00	0.75		0.75		0.67		0.67		0.70

Rolling Hour Summary
4:00 PM to 6:00 PM

Interval Start Time	Northbound SE 77th Ave				Southbound SE 77th Ave				Eastbound SE Monroe St				Westbound SE Monroe St				Interval Total	Pedestrians Crosswalk			
				Bikes				Bikes	T		Bikes		T		Bikes			North	South	East	West
4:00 PM				0				0	3		0		6		0		9	19	0	0	0
4:15 PM				0				0	5		0		5		0		10	24	0	0	0
4:30 PM				0				0	4		0		6		0		10	29	0	0	0
4:45 PM				0				0	5		0		8		0		13	23	0	0	0
5:00 PM				0				3	6		0		8		0		14	15	0	0	0

Total Vehicle Summary



SE Maplehurst Rd & SE Charles St

Tuesday, September 15, 2015
4:00 PM to 6:00 PM

15-Minute Interval Summary
4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Maplehurst Rd				Southbound SE Maplehurst Rd				Eastbound SE Charles St				Westbound SE Charles St				Interval Total	Pedestrians Crosswalk			
	L	T		Bikes		T	R	Bikes	L		R	Bikes				Bikes		North	South	East	West
4:00 PM	0	15		0		6	1	0	0		0	0				0	22	0	0	0	0
4:15 PM	0	14		0		8	1	0	0		0	0				0	23	0	0	0	0
4:30 PM	0	5		0		9	2	0	1		0	0				0	17	0	0	0	0
4:45 PM	0	8		0		13	0	0	0		0	0				0	21	0	0	0	0
5:00 PM	0	15		0		16	2	0	1		0	0				0	34	0	0	0	2
5:15 PM	1	10		0		14	0	2	0		0	0				0	25	0	0	0	3
5:30 PM	0	9		0		10	1	1	1		0	0				0	21	0	0	0	0
5:45 PM	0	17		0		10	0	0	0		0	0				0	27	0	0	0	0
Total Survey	1	93		0		86	7	3	3		0	0				0	190	0	0	0	5

Peak Hour Summary
5:00 PM to 6:00 PM

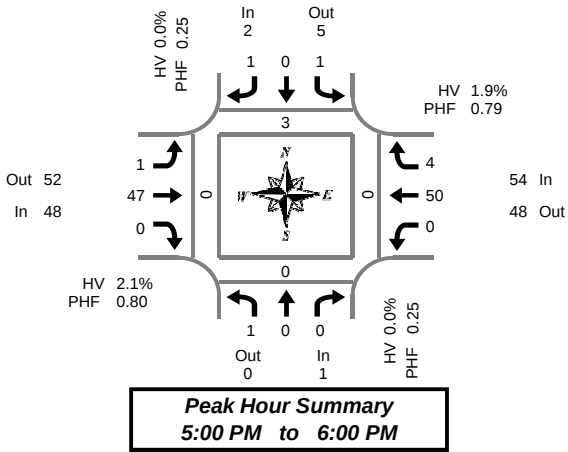
By Approach	Northbound SE Maplehurst Rd				Southbound SE Maplehurst Rd				Eastbound SE Charles St				Westbound SE Charles St				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	52	50	102	0	53	53	106	3	2	4	6	0	0	0	0	0	107	0	0	0	5
%HV	1.9%				1.9%				0.0%				0.0%				1.9%				
PHF	0.76				0.74				0.50				0.00				0.79				

By Movement	Northbound SE Maplehurst Rd				Southbound SE Maplehurst Rd				Eastbound SE Charles St				Westbound SE Charles St				Total
	L	T		Total		T	R	Total	L		R	Total				Total	
Volume	1	51		52		50	3	53	2		0	2				0	107
%HV	0.0%	2.0%	NA	1.9%	NA	2.0%	0.0%	1.9%	0.0%	NA	0.0%	0.0%	NA	NA	NA	0.0%	1.9%
PHF	0.25	0.75		0.76		0.78	0.38	0.74	0.50		0.00	0.50				0.00	0.79

Rolling Hour Summary
4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Maplehurst Rd				Southbound SE Maplehurst Rd				Eastbound SE Charles St				Westbound SE Charles St				Interval Total	Pedestrians Crosswalk			
	L	T		Bikes		T	R	Bikes	L		R	Bikes				Bikes		North	South	East	West
4:00 PM	0	42		0		36	4	0	1		0	0				0	83	0	0	0	0
4:15 PM	0	42		0		46	5	0	2		0	0				0	95	0	0	0	2
4:30 PM	1	38		0		52	4	2	2		0	0				0	97	0	0	0	5
4:45 PM	1	42		0		53	3	3	2		0	0				0	101	0	0	0	5
5:00 PM	1	51		0		50	3	3	2		0	0				0	107	0	0	0	5

Total Vehicle Summary



SE Norbert Dr & SE Maplehurst Rd

Tuesday, September 15, 2015

4:00 PM to 6:00 PM

15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Norbert Dr				Southbound SE Norbert Dr				Eastbound SE Maplehurst Rd				Westbound SE Maplehurst Rd				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	0	0	0	0	0	0	1	0	0	8	0	0	0	12	1	0	22	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	8	0	0	0	14	0	0	22	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	1	8	0	0	0	6	0	0	15	0	2	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	12	0	0	0	8	1	0	21	7	4	3	0
5:00 PM	1	0	0	0	0	0	0	1	0	14	0	0	0	13	3	0	31	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	15	0	2	0	11	0	0	26	3	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	8	0	1	0	9	1	0	18	0	0	0	0
5:45 PM	0	0	0	0	1	0	1	0	1	10	0	0	0	17	0	0	30	0	0	0	0
Total Survey	1	0	0	0	1	0	2	1	2	83	0	3	0	90	6	0	185	10	6	3	0

Peak Hour Summary

5:00 PM to 6:00 PM

By Approach	Northbound SE Norbert Dr				Southbound SE Norbert Dr				Eastbound SE Maplehurst Rd				Westbound SE Maplehurst Rd				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	1	0	1	0	2	5	7	1	48	52	100	3	54	48	102	0	105	3	0	0	0
%HV	0.0%				0.0%				2.1%				1.9%				1.9%				
PHF	0.25				0.25				0.80				0.79				0.85				

By Movement	Northbound SE Norbert Dr				Southbound SE Norbert Dr				Eastbound SE Maplehurst Rd				Westbound SE Maplehurst Rd				Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
Volume	1	0	0	1	1	0	1	2	1	47	0	48	0	50	4	54	105
%HV	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.1%	0.0%	2.1%	0.0%	2.0%	0.0%	1.9%	1.9%
PHF	0.25	0.00	0.00	0.25	0.25	0.00	0.25	0.25	0.25	0.78	0.00	0.80	0.00	0.74	0.33	0.79	0.85

Rolling Hour Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Norbert Dr				Southbound SE Norbert Dr				Eastbound SE Maplehurst Rd				Westbound SE Maplehurst Rd				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	0	0	0	0	0	0	1	0	1	36	0	0	0	40	2	0	80	7	6	3	0
4:15 PM	1	0	0	0	0	0	0	1	1	42	0	0	0	41	4	0	89	7	6	3	0
4:30 PM	1	0	0	0	0	0	0	1	1	49	0	2	0	38	4	0	93	10	6	3	0
4:45 PM	1	0	0	0	0	0	0	1	0	49	0	3	0	41	5	0	96	10	4	3	0
5:00 PM	1	0	0	0	1	0	1	1	1	47	0	3	0	50	4	0	105	3	0	0	0

Total Vehicle Summary

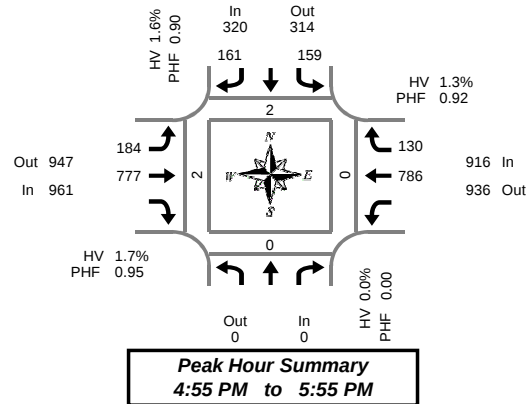


Clay Carney
(503) 833-2740

SE Fuller Rd & SE Harmony Rd

Tuesday, May 10, 2016

4:00 PM to 6:00 PM



5-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE Harmony Rd				Westbound SE Harmony Rd				Interval Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
4:00 PM				0	20	22	0	7	79		0		40	9	0	177		0	0	0	0
4:05 PM				0	10	15	0	15	57		0		44	11	0	152		0	0	0	0
4:10 PM				0	15	8	0	20	70		0		37	13	0	163		0	0	0	0
4:15 PM				0	14	12	0	20	74		0		49	6	0	175		1	0	0	0
4:20 PM				0	9	7	0	26	69		0		46	8	1	165		0	0	0	3
4:25 PM				0	10	16	0	16	61		0		41	10	0	154		0	0	1	0
4:30 PM				0	12	7	0	9	58		1		58	17	0	161		0	0	0	0
4:35 PM				0	16	12	0	15	55		0		49	5	0	152		0	0	0	0
4:40 PM				0	18	16	0	15	65		0		74	11	0	199		0	0	0	1
4:45 PM				0	11	9	0	10	59		1		58	6	0	153		2	0	0	0
4:50 PM				0	9	10	0	19	71		0		61	6	0	176		0	0	0	0
4:55 PM				0	10	14	0	20	65		0		56	11	0	176		0	0	0	0
5:00 PM				0	15	12	0	16	74		0		55	16	0	188		0	0	0	0
5:05 PM				0	14	15	0	7	66		0		65	13	0	180		0	0	0	0
5:10 PM				0	11	16	0	12	65		0		73	9	0	186		0	0	0	0
5:15 PM				0	11	10	0	15	59		0		72	10	0	177		1	0	0	0
5:20 PM				0	17	15	0	22	63		0		68	15	0	200		0	0	0	0
5:25 PM				0	15	19	0	12	75		0		73	11	0	205		0	0	0	2
5:30 PM				0	13	10	0	17	64		0		64	9	2	177		0	0	0	0
5:35 PM				0	9	9	0	18	53		0		58	7	0	154		0	0	0	0
5:40 PM				0	12	11	0	14	69		0		65	12	0	183		1	0	0	0
5:45 PM				0	18	15	0	11	61		0		72	7	0	184		0	0	0	0
5:50 PM				0	14	15	0	20	63		0		65	10	0	187		0	0	0	0
5:55 PM				0	11	12	0	10	53		0		55	9	0	150		0	0	0	0
Total Survey				0	314	307	0	366	1,548		2		1,398	241	3	4,174		5	0	1	6

15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE Harmony Rd				Westbound SE Harmony Rd				Interval Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
4:00 PM				0	45	45	0	42	206		0		121	33	0	492		0	0	0	0
4:15 PM				0	33	35	0	62	204		0		136	24	1	494		1	0	1	3
4:30 PM				0	46	35	0	39	178		1		181	33	0	512		0	0	0	1
4:45 PM				0	30	33	0	49	195		1		175	23	0	505		2	0	0	0
5:00 PM				0	40	43	0	35	205		0		193	38	0	554		0	0	0	0
5:15 PM				0	43	44	0	49	197		0		213	36	0	582		1	0	0	2
5:30 PM				0	34	30	0	49	186		0		187	28	2	514		1	0	0	0
5:45 PM				0	43	42	0	41	177		0		192	26	0	521		0	0	0	0
Total Survey				0	314	307	0	366	1,548		2		1,398	241	3	4,174		5	0	1	6

Peak Hour Summary

4:55 PM to 5:55 PM

By Approach	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE Harmony Rd				Westbound SE Harmony Rd				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	0	0	0	0	320	314	634	0	961	947	1,908	0	916	936	1,852	2	2,197	2	0	0	2
%HV				0.0%			1.6%				1.7%				1.3%		1.5%				
PHF				0.00			0.90				0.95				0.92		0.94				

By Movement	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE Harmony Rd				Westbound SE Harmony Rd				Total
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	
Volume				0	159	161	320	184	777		961		786	130	916		2,197
%HV	NA	NA	NA	0.0%	1.3%	NA	1.9%	1.6%	1.6%	1.7%	NA	1.7%	NA	1.3%	1.5%	1.3%	1.5%
PHF				0.00	0.88	0.91	0.90	0.90	0.95		0.95		0.92	0.81	0.92		0.94

Rolling Hour Summary

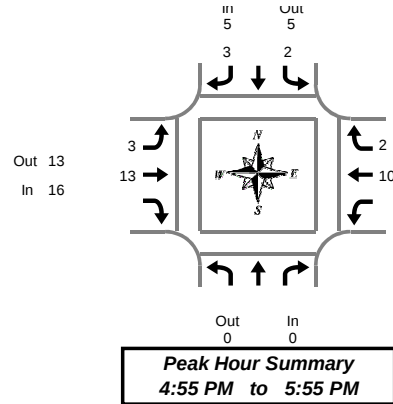
4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE Harmony Rd				Westbound SE Harmony Rd				Interval Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
4:00 PM				0	154	148	0	192	783		2		613	113	1	2,003		3	0	1	4
4:15 PM				0	149	146	0	185	782		2		685	118	1	2,065		3	0	1	4
4:30 PM				0	159	155	0	172	775		2		762	130	0	2,153		3	0	0	3
4:45 PM				0	147	150	0	182	783		1		768	125	2	2,155		4	0	0	2
5:00 PM				0	160	159	0	174	765		0		785	128	2	2,171		2	0	0	2

Heavy Vehicle Summary



Clay Carney
(503) 833-2740



SE Fuller Rd & SE Harmony Rd

Tuesday, May 10, 2016

4:00 PM to 6:00 PM

Heavy Vehicle 5-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Fuller Rd			Southbound SE Fuller Rd			Eastbound SE Harmony Rd			Westbound SE Harmony Rd			Interval Total	
			Total	L	R	Total	L	T	Total		T	R		Total
4:00 PM			0	1	0	1	1	2	3		1	0	1	5
4:05 PM			0	0	0	0	0	0	0		1	0	1	1
4:10 PM			0	0	1	1	2	1	3		0	1	1	5
4:15 PM			0	0	0	0	0	2	2		0	0	0	2
4:20 PM			0	0	0	0	1	3	4		2	0	2	6
4:25 PM			0	0	0	0	0	0	0		0	0	0	0
4:30 PM			0	1	0	1	0	1	1		1	2	3	5
4:35 PM			0	0	1	1	0	2	2		0	0	0	3
4:40 PM			0	0	1	1	1	0	1		2	0	2	4
4:45 PM			0	0	0	0	0	1	1		1	0	1	2
4:50 PM			0	0	0	0	0	0	0		0	1	1	1
4:55 PM			0	0	0	0	0	1	1		2	1	3	4
5:00 PM			0	0	0	0	0	2	2		0	0	0	2
5:05 PM			0	1	0	1	0	0	0		0	0	0	1
5:10 PM			0	1	0	1	0	1	1		3	0	3	5
5:15 PM			0	0	0	0	0	0	0		0	0	0	0
5:20 PM			0	0	0	0	1	2	3		1	0	1	4
5:25 PM			0	0	2	2	0	3	3		0	0	0	5
5:30 PM			0	0	0	0	1	0	1		1	0	1	2
5:35 PM			0	0	0	0	0	1	1		0	1	1	2
5:40 PM			0	0	0	0	0	2	2		0	0	0	2
5:45 PM			0	0	0	0	0	0	0		2	0	2	2
5:50 PM			0	0	1	1	1	1	2		1	0	1	4
5:55 PM			0	0	0	0	0	0	0		0	0	0	0
Total Survey			0	4	6	10	8	25	33		18	6	24	67

Heavy Vehicle 15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Fuller Rd			Southbound SE Fuller Rd				Eastbound SE Harmony Rd				Westbound SE Harmony Rd				Interval Total
			Total	L	R	Total	L	T	Total		T	R	Total			
4:00 PM			0	1	1	2	3	3	6		2	1	3	11		
4:15 PM			0	0	0	0	1	5	6		2	0	2	8		
4:30 PM			0	1	2	3	1	3	4		3	2	5	12		
4:45 PM			0	0	0	0	0	2	2		3	2	5	7		
5:00 PM			0	2	0	2	0	3	3		3	0	3	8		
5:15 PM			0	0	2	2	1	5	6		1	0	1	9		
5:30 PM			0	0	0	0	1	3	4		1	1	2	6		
5:45 PM			0	0	1	1	1	1	2		3	0	3	6		
Total Survey			0	4	6	10	8	25	33		18	6	24	67		

Heavy Vehicle Peak Hour Summary

4:55 PM to 5:55 PM

By Approach	Northbound SE Fuller Rd			Southbound SE Fuller Rd			Eastbound SE Harmony Rd			Westbound SE Harmony Rd			Total
	In	Out	Total	In	Out	Total	In	Out	Total	In	Out	Total	
Volume	0	0	0	5	5	10	16	13	29	12	15	27	33
PHF	0.00			0.63			0.57			0.75			0.75

By Movement	Northbound SE Fuller Rd			Southbound SE Fuller Rd			Eastbound SE Harmony Rd			Westbound SE Harmony Rd			Total
		Total	L	R	Total	L	T	Total	T	R	Total		
Volume		0	2	3	5	3	13	16		10	2	12	33
PHF		0.00	0.25	0.38	0.63	0.38	0.65	0.57		0.63	0.50	0.75	0.75

Heavy Vehicle Rolling Hour Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Fuller Rd			Southbound SE Fuller Rd			Eastbound SE Harmony Rd			Westbound SE Harmony Rd			Interval Total	
		Total	L		R	Total	L	T		T	R	Total		
4:00 PM		0	2		3	5	5	13		18	10	5	15	38
4:15 PM		0	3		2	5	2	13		15	11	4	15	35
4:30 PM		0	3		4	7	2	13		15	10	4	14	36
4:45 PM		0	2		2	4	2	13		15	8	3	11	30
5:00 PM		0	2		3	5	3	12		15	8	1	9	29

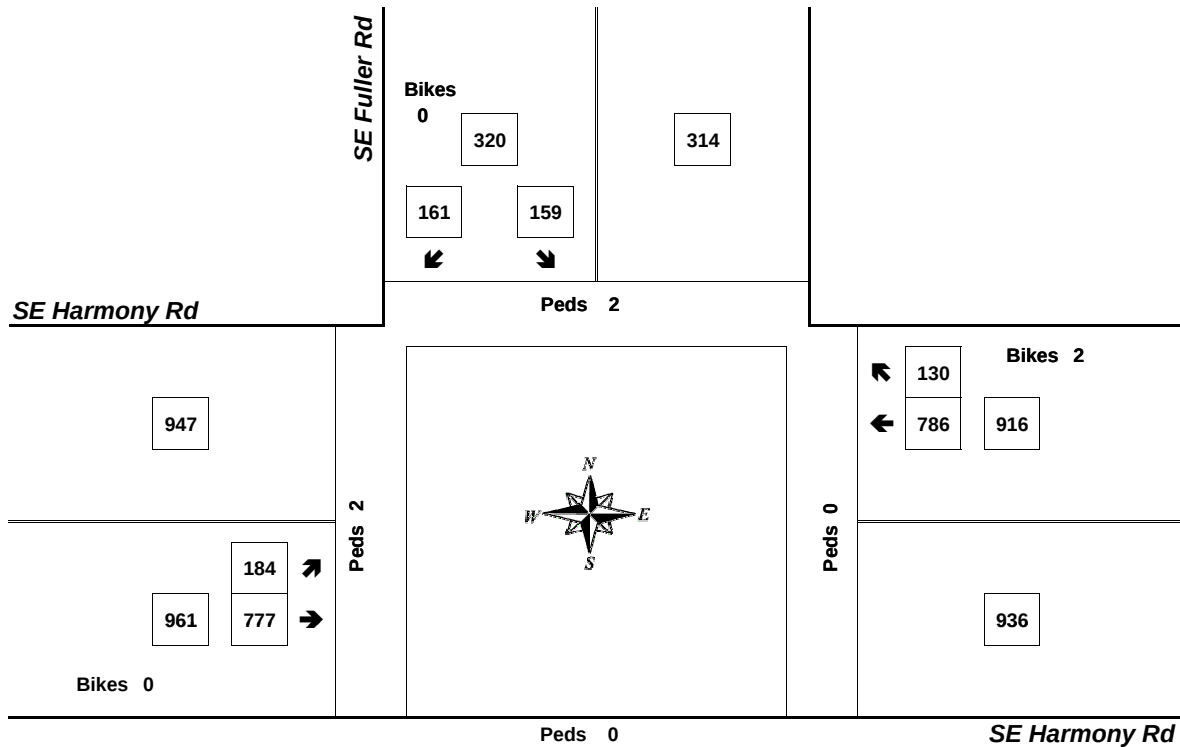
Peak Hour Summary



Clay Carney
(503) 833-2740

SE Fuller Rd & SE Harmony Rd

4:55 PM to 5:55 PM
Tuesday, May 10, 2016



Approach	PHF	HV%	Volume
EB	0.95	1.7%	961
WB	0.92	1.3%	916
NB	0.00	0.0%	0
SB	0.90	1.6%	320
Intersection	0.94	1.5%	2,197

Count Period: 4:00 PM to 6:00 PM

Total Vehicle Summary

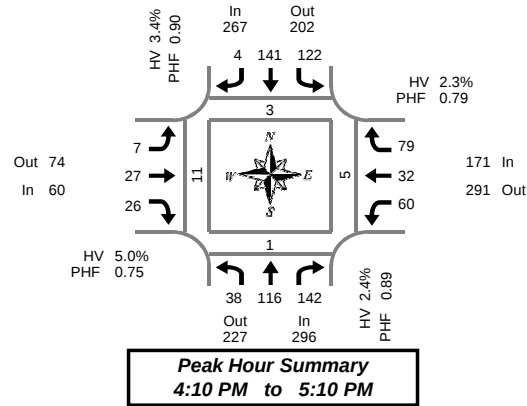


Clay Carney
(503) 833-2740

SE Fuller Rd & SE Harmony Dr

Tuesday, May 03, 2016

4:00 PM to 6:00 PM



5-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE Harmony Dr				Westbound SE Harmony Dr				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	2	10	12	0	8	15	0	0	0	2	2	0	5	0	7	0	63	0	0	0	0
4:05 PM	4	8	14	0	9	18	1	0	0	4	0	0	7	2	5	0	72	0	1	0	0
4:10 PM	5	7	15	0	7	11	2	0	1	1	1	0	5	4	9	0	68	1	0	0	1
4:15 PM	1	10	15	0	12	15	0	0	2	3	4	0	2	1	5	0	70	0	0	2	0
4:20 PM	3	9	10	0	15	10	0	0	1	2	2	0	6	5	5	0	68	1	0	0	2
4:25 PM	3	5	12	0	7	8	0	0	0	0	4	0	6	2	7	0	54	0	0	0	0
4:30 PM	6	12	9	0	12	9	1	0	0	1	1	0	4	3	4	0	62	0	0	0	0
4:35 PM	2	7	8	0	8	19	0	0	1	2	3	0	5	2	4	0	61	0	0	1	4
4:40 PM	4	4	10	0	11	14	0	0	0	4	0	0	4	0	10	1	61	0	0	2	2
4:45 PM	2	10	14	0	9	8	0	0	1	2	1	0	2	2	11	0	62	0	0	0	0
4:50 PM	5	15	12	0	9	7	1	0	0	1	2	0	6	5	9	0	72	0	0	0	1
4:55 PM	2	14	9	0	11	15	0	0	0	4	5	2	12	5	2	0	79	0	0	0	0
5:00 PM	4	11	11	0	12	11	0	0	0	2	1	0	6	1	5	0	64	1	1	0	1
5:05 PM	1	12	17	0	9	14	0	0	1	5	2	0	2	2	8	0	73	0	0	0	0
5:10 PM	2	7	12	0	10	9	1	0	1	6	3	0	9	0	5	0	65	0	0	1	2
5:15 PM	3	5	9	0	8	16	0	0	0	2	0	0	9	1	12	0	65	0	2	0	1
5:20 PM	3	12	10	0	5	11	0	0	2	3	2	0	11	4	5	0	68	0	0	0	0
5:25 PM	4	9	5	2	6	15	0	0	0	5	1	0	7	2	8	0	62	0	0	0	0
5:30 PM	1	5	8	0	11	17	1	0	0	2	0	0	2	1	3	0	51	0	0	0	0
5:35 PM	2	7	6	0	7	13	0	0	0	1	1	0	4	2	10	0	53	0	2	0	2
5:40 PM	3	10	12	0	6	14	1	0	1	1	2	0	6	3	5	0	64	0	0	1	0
5:45 PM	2	7	12	0	5	10	0	0	0	0	4	0	10	5	2	0	57	0	0	0	1
5:50 PM	4	12	10	0	9	11	0	0	0	2	2	0	4	2	8	0	64	0	0	0	0
5:55 PM	1	6	9	0	10	10	0	0	1	1	0	0	4	1	9	2	52	0	0	0	0
Total Survey	69	214	261	2	216	300	8	0	12	56	43	2	138	55	158	3	1,530	3	6	7	17

15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE Harmony Dr				Westbound SE Harmony Dr				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	11	25	41	0	24	44	3	0	1	7	3	0	17	6	21	0	203	1	1	0	1
4:15 PM	7	24	37	0	34	33	0	0	3	5	10	0	14	8	17	0	192	1	0	2	2
4:30 PM	12	23	27	0	31	42	1	0	1	7	4	0	13	5	18	1	184	0	0	3	6
4:45 PM	9	39	35	0	29	30	1	0	1	7	8	2	20	12	22	0	213	0	0	0	1
5:00 PM	7	30	40	0	31	34	1	0	2	13	6	0	17	3	18	0	202	1	1	1	3
5:15 PM	10	26	24	2	19	42	0	0	2	10	3	0	27	7	25	0	195	0	2	0	1
5:30 PM	6	22	26	0	24	44	2	0	1	4	3	0	12	6	18	0	168	0	2	1	2
5:45 PM	7	25	31	0	24	31	0	0	1	3	6	0	18	8	19	2	173	0	0	0	1
Total Survey	69	214	261	2	216	300	8	0	12	56	43	2	138	55	158	3	1,530	3	6	7	17

Peak Hour Summary

4:10 PM to 5:10 PM

By Approach	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE Harmony Dr				Westbound SE Harmony Dr				Total	Pedestrians Crosswalk			
	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes	In	Out	Total	Bikes		North	South	East	West
Volume	296	227	523	0	267	202	469	0	60	74	134	2	171	291	462	1	794	3	1	5	11
%HV	2.4%				3.4%				5.0%				2.3%				2.9%				
PHF	0.89				0.90				0.75				0.79				0.92				

By Movement	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE Harmony Dr				Westbound SE Harmony Dr				Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
Volume	38	116	142	296	122	141	4	267	7	27	26	60	60	32	79	171	794
%HV	2.6%	2.6%	2.1%	2.4%	2.5%	4.3%	0.0%	3.4%	0.0%	0.0%	11.5%	5.0%	1.7%	3.1%	2.5%	2.3%	2.9%
PHF	0.79	0.73	0.89	0.89	0.90	0.84	0.50	0.90	0.44	0.61	0.65	0.75	0.63	0.67	0.66	0.79	0.92

Rolling Hour Summary

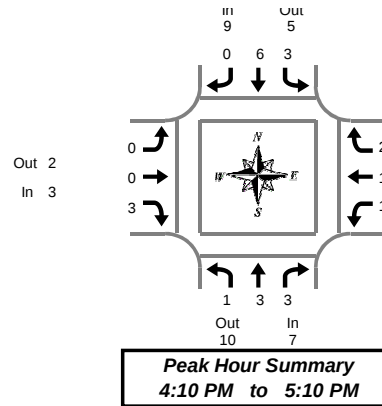
4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE Harmony Dr				Westbound SE Harmony Dr				Interval Total	Pedestrians Crosswalk			
	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes	L	T	R	Bikes		North	South	East	West
4:00 PM	39	111	140	0	118	149	5	0	6	26	25	2	64	31	78	1	792	2	1	5	10
4:15 PM	35	116	139	0	125	139	3	0	7	32	28	2	64	28	75	1	791	2	1	6	12
4:30 PM	38	118	126	2	110	148	3	0	6	37	21	2	77	27	83	1	794	1	3	4	11
4:45 PM	32	117	125	2	103	150	4	0	6	34	20	2	76	28	83	0	778	1	5	2	7
5:00 PM	30	103	121	2	98	151	3	0	6	30	18	0	74	24	80	2	738	1	5	2	7

Heavy Vehicle Summary



Clay Carney
(503) 833-2740



SE Fuller Rd & SE Harmony Dr

Tuesday, May 03, 2016

4:00 PM to 6:00 PM

Heavy Vehicle 5-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE Harmony Dr				Westbound SE Harmony Dr				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	0	0	1	1	0	1	0	1	0	0	0	0	1	0	0	1	3
4:05 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:10 PM	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2
4:15 PM	0	0	1	1	1	0	0	1	0	0	1	1	0	0	1	1	4
4:20 PM	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
4:25 PM	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	1	2
4:30 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
4:35 PM	0	0	1	1	0	1	0	1	0	0	1	1	0	0	1	1	4
4:40 PM	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:50 PM	0	0	1	1	1	0	0	1	0	0	0	0	0	1	0	1	3
4:55 PM	0	0	0	0	0	1	0	1	0	0	1	1	0	0	0	0	2
5:00 PM	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	2
5:05 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
5:10 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
5:15 PM	0	0	0	0	1	1	0	2	0	0	0	0	1	0	0	1	3
5:20 PM	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
5:25 PM	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:35 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
5:40 PM	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:50 PM	0	1	0	1	0	0	0	0	0	0	1	1	0	0	0	0	2
5:55 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
Total Survey	2	4	6	12	4	10	0	14	0	0	4	4	3	1	3	7	37

Heavy Vehicle 15-Minute Interval Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE Harmony Dr				Westbound SE Harmony Dr				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	0	0	1	1	0	3	0	3	0	0	0	0	1	0	0	1	5
4:15 PM	1	0	1	2	1	1	0	2	0	0	1	1	1	0	1	2	7
4:30 PM	0	1	1	2	1	1	0	2	0	0	1	1	0	0	1	1	6
4:45 PM	0	0	1	1	1	1	0	2	0	0	1	1	0	1	0	1	5
5:00 PM	0	2	0	2	0	1	0	1	0	0	0	0	0	0	1	1	4
5:15 PM	1	0	1	2	1	1	0	2	0	0	0	0	1	0	0	1	5
5:30 PM	0	0	1	1	0	1	0	1	0	0	0	0	0	0	0	0	2
5:45 PM	0	1	0	1	0	1	0	1	0	0	1	1	0	0	0	0	3
Total Survey	2	4	6	12	4	10	0	14	0	0	4	4	3	1	3	7	37

Heavy Vehicle Peak Hour Summary

4:10 PM to 5:10 PM

By Approach	Northbound SE Fuller Rd			Southbound SE Fuller Rd			Eastbound SE Harmony Dr			Westbound SE Harmony Dr			Total
	In	Out	Total	In	Out	Total	In	Out	Total	In	Out	Total	
Volume	7	10	17	9	5	14	3	2	5	4	6	10	23
PHF	0.88			0.75			0.75			0.50			0.82

By Movement	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE Harmony Dr				Westbound SE Harmony Dr				Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
Volume	1	3	3	7	3	6	0	9	0	0	3	3	1	1	2	4	23
PHF	0.25	0.38	0.75	0.88	0.38	0.75	0.00	0.75	0.00	0.00	0.75	0.75	0.25	0.25	0.50	0.50	0.82

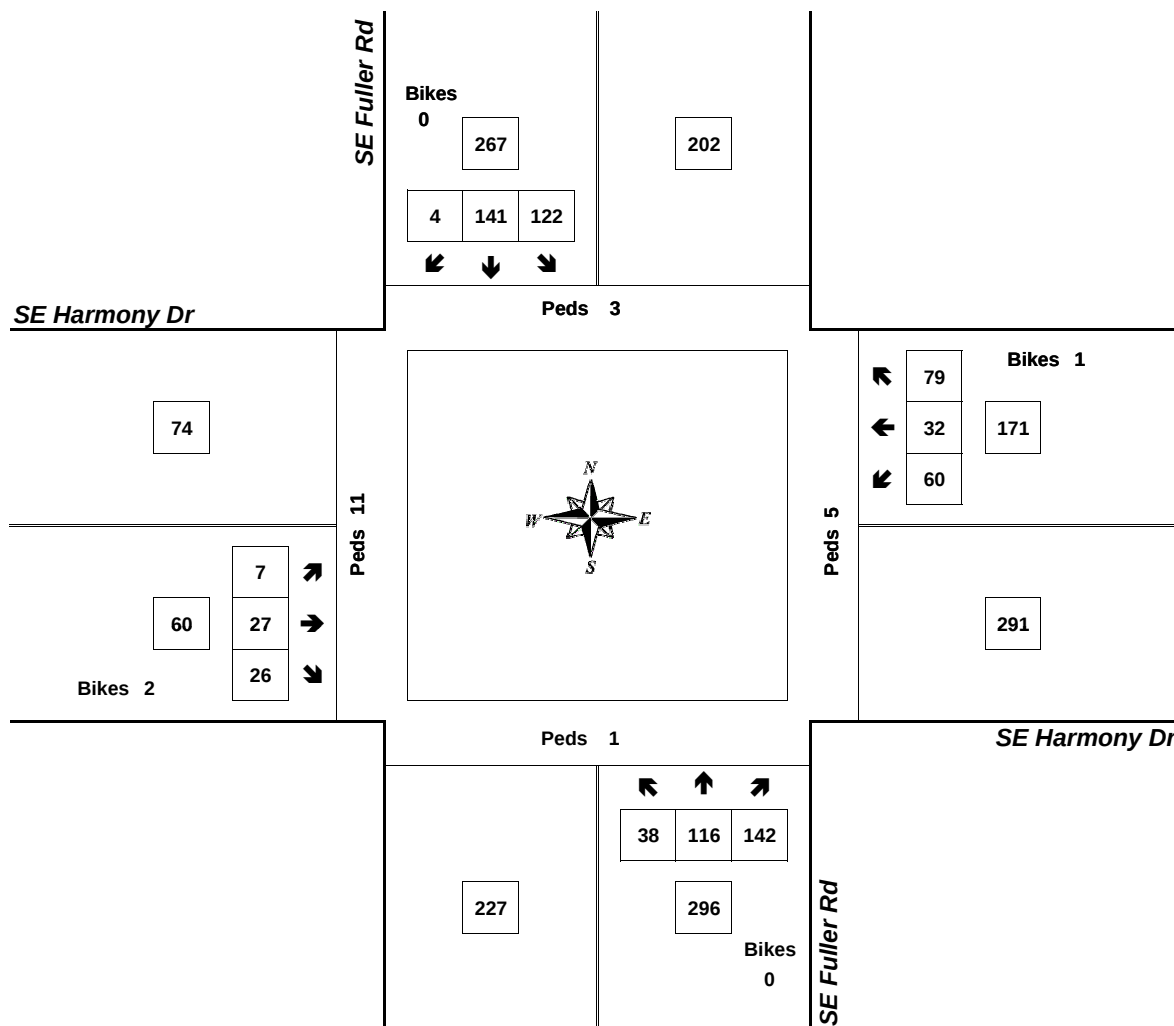
Heavy Vehicle Rolling Hour Summary

4:00 PM to 6:00 PM

Interval Start Time	Northbound SE Fuller Rd				Southbound SE Fuller Rd				Eastbound SE Harmony Dr				Westbound SE Harmony Dr				Interval Total
	L	T	R	Total	L	T	R	Total	L	T	R	Total	L	T	R	Total	
4:00 PM	1	1	4	6	3	6	0	9	0	0	3	3	2	1	2	5	23
4:15 PM	1	3	3	7	3	4	0	7	0	0	3	3	1	1	3	5	22
4:30 PM	1	3	3	7	3	4	0	7	0	0	2	2	1	1	2	4	20
4:45 PM	1	2	3	6	2	4	0	6	0	0	1	1	1	1	1	3	16
5:00 PM	1	3	2	6	1	4	0	5	0	0	1	1	1	0	1	2	14

All Traffic Data
Services Inc.

Tuesday, May 03, 2016



Approach	PHF	HV%	Volume
EB	0.75	5.0%	60
WB	0.79	2.3%	171
NB	0.89	2.4%	296
SB	0.90	3.4%	267
Intersection	0.92	2.9%	794

Count Period: 4:00 PM to 6:00 PM

Traffic Count Data – Segment Volume and Speed

All Traffic Data
15105 SE 17th St.
Vancouver, WA. 98683
503-833-2740

Site Code: 1
SE Harmony Rd E-O SE Railroad Ave

EB

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	Total	85th Percent	95th Percent
07/25/17	0	0	0	3	17	38	14	1	0	0	0	0	0	73	41	44
01:00	1	0	0	3	6	9	7	2	1	0	0	0	0	29	44	48
02:00	1	1	1	3	3	9	6	1	0	0	0	0	0	25	42	44
03:00	0	0	0	2	7	15	8	0	0	0	0	0	0	32	42	43
04:00	0	0	0	2	17	24	13	3	0	0	0	0	0	59	42	45
05:00	7	0	0	1	32	88	40	5	0	0	0	0	0	173	42	44
06:00	8	0	0	5	58	169	52	2	1	0	0	0	0	295	41	43
07:00	11	1	0	7	127	208	70	9	0	0	0	0	0	433	41	44
08:00	10	0	0	20	143	232	61	9	0	0	0	0	0	475	39	43
09:00	12	5	0	18	139	235	53	7	0	0	0	0	0	469	39	43
10:00	14	0	2	29	188	231	51	2	0	0	0	0	0	517	39	42
11:00	16	0	3	24	222	278	50	5	0	0	0	0	0	598	39	42
12 PM	22	0	1	45	254	281	50	5	2	0	0	0	0	660	39	42
13:00	16	0	6	33	200	286	56	7	1	0	0	0	0	605	39	43
14:00	20	6	21	58	215	258	75	10	1	0	0	0	0	664	39	43
15:00	24	1	1	35	309	333	53	11	0	1	0	0	0	768	39	42
16:00	18	7	15	82	305	334	58	4	0	0	0	0	0	823	39	41
17:00	26	2	10	63	282	324	70	5	0	0	0	0	0	782	39	42
18:00	22	2	4	30	167	263	91	8	2	0	1	0	0	590	40	43
19:00	17	1	2	24	124	182	53	5	0	0	0	0	1	409	39	43
20:00	11	0	2	16	95	125	33	5	0	0	0	0	0	287	39	43
21:00	8	1	2	14	76	90	26	1	0	0	0	0	0	218	39	43
22:00	5	0	1	9	44	65	8	2	0	0	0	0	0	134	39	42
23:00	1	0	0	1	19	20	11	4	0	0	0	0	0	56	42	46
Total	270	27	71	527	3049	4097	1009	113	8	1	1	0	1	9174		
Percent	2.9%	0.3%	0.8%	5.7%	33.2%	44.7%	11.0%	1.2%	0.1%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00	09:00	11:00	10:00	11:00	11:00	07:00	07:00	01:00					11:00		
Vol.	16	5	3	29	222	278	70	9	1					598		
PM Peak	17:00	16:00	14:00	16:00	15:00	16:00	18:00	15:00	12:00	15:00	18:00		19:00	16:00		
Vol.	26	7	21	82	309	334	91	11	2	1	1		1	823		
Grand Total	270	27	71	527	3049	4097	1009	113	8	1	1	0	1	9174		
Percent	2.9%	0.3%	0.8%	5.7%	33.2%	44.7%	11.0%	1.2%	0.1%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 30 MPH
50th Percentile : 35 MPH
85th Percentile : 39 MPH
95th Percentile : 43 MPH

Stats 10 MPH Pace Speed : 31-40 MPH
Number in Pace : 7146
Percent in Pace : 77.9%
Number of Vehicles > 55 MPH : 3
Percent of Vehicles > 55 MPH : 0.0%
Mean Speed(Average) : 35 MPH

All Traffic Data
15105 SE 17th St.
Vancouver, WA. 98683
503-833-2740

Site Code: 1
SE Harmony Rd E-O SE Railroad Ave

WB

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	Total	85th Percent	95th Percent
07/25/17	1	0	0	0	8	32	20	6	0	0	0	0	0	67	43	47
01:00	0	0	0	2	7	21	6	1	0	1	0	0	0	38	41	45
02:00	0	0	0	2	3	9	5	1	1	0	0	0	0	21	43	49
03:00	0	0	0	1	7	14	12	5	0	0	0	0	0	39	44	48
04:00	2	0	0	0	11	33	33	5	4	0	0	0	0	88	44	49
05:00	4	0	0	2	16	83	101	31	4	0	0	0	0	241	44	48
06:00	9	0	11	9	59	203	144	35	4	1	0	0	0	475	43	47
07:00	11	0	2	8	101	301	150	20	13	0	0	0	0	606	43	45
08:00	10	0	2	7	91	204	121	24	5	0	0	0	0	464	43	46
09:00	12	1	0	4	51	204	123	19	2	0	0	0	0	416	43	45
10:00	18	0	0	9	87	265	86	15	0	0	0	0	0	480	41	44
11:00	16	0	0	8	88	260	123	22	1	0	0	0	0	518	42	44
12 PM	11	0	1	22	145	306	126	14	0	1	0	1	0	627	41	44
13:00	10	0	0	14	135	319	119	11	0	1	0	0	0	609	41	44
14:00	9	0	1	6	129	283	109	37	2	0	0	0	0	576	42	46
15:00	15	13	23	40	164	283	88	8	1	0	0	0	0	635	40	43
16:00	19	22	27	69	181	273	108	11	2	0	0	0	0	712	40	43
17:00	25	38	55	97	211	264	78	9	0	0	0	0	0	777	39	43
18:00	16	0	4	24	104	272	142	25	2	0	0	0	0	589	42	44
19:00	12	0	1	10	106	227	109	10	1	0	0	0	0	476	42	44
20:00	6	0	1	7	102	197	73	9	2	1	0	0	0	398	41	44
21:00	8	0	2	15	90	136	35	11	0	0	0	0	0	297	40	44
22:00	5	0	0	5	33	73	41	5	0	0	0	0	0	162	42	44
23:00	4	0	1	0	26	54	34	10	1	1	0	0	0	131	43	47
Total	223	74	131	361	1955	4316	1986	344	45	6	0	1	0	9442		
Percent	2.4%	0.8%	1.4%	3.8%	20.7%	45.7%	21.0%	3.6%	0.5%	0.1%	0.0%	0.0%	0.0%			
AM Peak	10:00	09:00	06:00	06:00	07:00	07:00	07:00	06:00	07:00	01:00				07:00		
Vol.	18	1	11	9	101	301	150	35	13	1				606		
PM Peak	17:00	17:00	17:00	17:00	17:00	13:00	18:00	14:00	14:00	12:00		12:00		17:00		
Vol.	25	38	55	97	211	319	142	37	2	1		1		777		
Grand Total	223	74	131	361	1955	4316	1986	344	45	6	0	1	0	9442		
Percent	2.4%	0.8%	1.4%	3.8%	20.7%	45.7%	21.0%	3.6%	0.5%	0.1%	0.0%	0.0%	0.0%			

15th Percentile : 31 MPH
50th Percentile : 37 MPH
85th Percentile : 42 MPH
95th Percentile : 44 MPH

Stats
10 MPH Pace Speed : 36-45 MPH
Number in Pace : 6302
Percent in Pace : 66.7%
Number of Vehicles > 55 MPH : 7
Percent of Vehicles > 55 MPH : 0.1%
Mean Speed(Average) : 37 MPH

All Traffic Data
15105 SE 17th St.
Vancouver, WA. 98683
503-833-2740

Site Code: 1
SE King Rd W-O SE Stanley Ave

EB

Start Time	15	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	85th Percent	95th Percent
07/25/17	0	0	1	4	17	13	1	0	0	0	0	0	0	0	36	38	39
01:00	0	0	0	4	9	10	1	0	0	0	0	0	0	0	24	38	39
02:00	1	0	0	3	5	3	2	0	0	0	0	0	0	0	14	39	43
03:00	0	0	0	1	5	8	3	0	0	0	0	0	0	0	17	40	43
04:00	2	0	2	3	14	17	2	1	0	0	0	0	0	0	41	39	42
05:00	3	0	2	7	40	37	9	0	0	0	0	0	0	0	98	39	42
06:00	8	0	2	4	59	67	16	1	0	0	0	0	0	0	157	39	42
07:00	5	0	1	11	60	99	21	3	0	0	0	0	0	0	200	39	43
08:00	11	1	4	16	119	83	8	0	0	0	0	0	0	0	242	38	39
09:00	14	1	5	39	167	81	7	2	0	0	0	0	0	0	316	37	39
10:00	16	0	5	56	190	86	10	0	0	0	0	0	0	0	363	37	39
11:00	9	6	9	62	187	86	16	0	0	0	0	0	0	0	375	37	39
12 PM	17	0	0	54	257	85	7	0	0	0	0	0	0	0	420	36	39
13:00	15	3	14	97	187	47	0	0	0	0	0	0	1	0	364	34	38
14:00	17	2	5	118	277	65	13	0	0	0	0	0	0	0	497	35	39
15:00	5	2	23	128	339	76	4	0	0	0	0	0	0	0	577	34	38
16:00	19	3	9	143	390	92	1	0	0	0	0	0	0	0	657	34	38
17:00	14	1	13	128	334	109	6	1	0	0	0	0	0	0	606	36	38
18:00	6	1	4	104	305	87	4	0	0	0	0	0	0	0	511	35	38
19:00	8	0	6	61	185	67	3	0	0	0	0	0	0	0	330	36	38
20:00	3	0	5	47	134	42	6	0	1	0	0	0	0	0	238	36	39
21:00	5	0	5	74	114	21	0	1	0	0	0	0	0	0	220	34	37
22:00	3	1	6	42	68	14	1	0	0	0	0	0	0	0	135	34	37
23:00	2	0	2	12	39	14	0	0	0	0	0	0	0	0	69	36	38
Total	183	21	123	1218	3501	1309	141	9	1	0	0	0	1	0	6507		
Percent	2.8%	0.3%	1.9%	18.7%	53.8%	20.1%	2.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	10:00	11:00	11:00	11:00	10:00	07:00	07:00								11:00		
Vol.	16	6	9	62	190	99	21	3							375		
PM Peak	16:00	13:00	15:00	16:00	16:00	17:00	14:00	17:00	20:00				13:00		16:00		
Vol.	19	3	23	143	390	109	13	1	1				1		657		
Grand Total	183	21	123	1218	3501	1309	141	9	1	0	0	0	1	0	6507		
Percent	2.8%	0.3%	1.9%	18.7%	53.8%	20.1%	2.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 27 MPH
50th Percentile : 32 MPH
85th Percentile : 36 MPH
95th Percentile : 39 MPH

Statistics 10 MPH Pace Speed : 31-40 MPH
Number in Pace : 4810
Percent in Pace : 73.9%
Number of Vehicles > 55 MPH : 1
Percent of Vehicles > 55 MPH : 0.0%
Mean Speed(Average) : 32 MPH

All Traffic Data
15105 SE 17th St.
Vancouver, WA. 98683
503-833-2740

Site Code: 1
SE King Rd W-O SE Stanley Ave

WB

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	85th Percent	95th Percent
07/25/17	0	0	0	2	17	19	3	0	0	0	0	0	0	0	41	39	41
01:00	0	0	0	2	12	10	3	2	0	0	0	0	0	0	29	41	46
02:00	0	0	0	0	6	3	0	1	0	0	0	0	0	0	10	39	47
03:00	0	0	1	3	6	7	0	0	0	0	0	0	0	0	17	38	39
04:00	1	0	0	2	14	9	4	0	0	0	0	0	0	0	30	39	43
05:00	0	0	0	12	54	63	6	3	0	0	0	0	0	0	138	39	41
06:00	9	0	0	19	119	133	19	1	0	0	1	0	0	0	301	39	41
07:00	11	1	4	41	175	132	10	2	0	0	0	0	0	0	376	38	39
08:00	12	1	9	27	138	141	14	3	0	0	0	0	0	0	345	38	39
09:00	9	2	4	53	140	103	9	0	0	0	0	0	0	0	320	38	39
10:00	10	0	16	43	160	100	13	0	0	0	0	0	0	0	342	38	39
11:00	8	1	6	42	164	100	7	0	0	0	0	0	0	0	328	37	39
12 PM	19	2	5	65	226	81	9	1	0	0	0	0	0	0	408	36	39
13:00	16	13	9	62	179	60	7	0	0	0	0	0	0	0	346	36	39
14:00	9	0	6	62	199	90	0	0	0	0	0	0	0	0	366	36	38
15:00	20	1	8	55	196	101	3	0	0	0	0	0	0	0	384	37	39
16:00	18	3	3	37	213	119	17	0	1	0	0	0	0	0	411	38	39
17:00	22	1	10	44	247	129	7	1	0	0	0	0	0	0	461	37	39
18:00	14	2	8	36	193	112	5	0	0	0	0	0	0	0	370	37	39
19:00	16	1	3	40	177	71	9	0	0	0	0	0	0	0	317	37	39
20:00	4	0	4	24	120	58	6	0	0	0	0	0	0	0	216	37	39
21:00	1	1	7	44	91	46	4	1	0	0	0	0	0	0	195	37	39
22:00	2	1	3	25	71	26	2	0	0	0	0	0	0	0	130	36	39
23:00	0	0	5	9	29	21	3	2	0	0	0	0	0	0	69	38	42
Total	201	30	111	749	2946	1734	160	17	1	0	1	0	0	0	5950		
Percent	3.4%	0.5%	1.9%	12.6%	49.5%	29.1%	2.7%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	09:00	10:00	09:00	07:00	08:00	06:00	05:00			06:00				07:00		
Vol.	12	2	16	53	175	141	19	3			1				376		
PM Peak	17:00	13:00	17:00	12:00	17:00	17:00	16:00	23:00	16:00						17:00		
Vol.	22	13	10	65	247	129	17	2	1						461		
Grand Total	201	30	111	749	2946	1734	160	17	1	0	1	0	0	0	5950		
Percent	3.4%	0.5%	1.9%	12.6%	49.5%	29.1%	2.7%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 28 MPH
50th Percentile : 33 MPH
85th Percentile : 37 MPH
95th Percentile : 39 MPH

Statistics 10 MPH Pace Speed : 31-40 MPH
Number in Pace : 4680
Percent in Pace : 78.7%
Number of Vehicles > 55 MPH : 1
Percent of Vehicles > 55 MPH : 0.0%
Mean Speed(Average) : 33 MPH

TRAFFIC ANALYSIS REPORT

For Project: SE Stanley Avenue South of Monroe St
Location/Name: Northbound Direction
Report Generated: 7/6/2017 15:10
Speed Intervals 1 mph
Time Intervals 15 minutes

Traffic Report From 7/5/2017 11:05:12 AM through 7/6/2017 1:47:45 PM

85th Percentile Speed 29.9 mph
85th Percentile Vehicles 502 counts
Max Speed 42.0 mph on 7/5/2017 4:05:12 PM
Total Vehicles 590 count
AADT: 530

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		295	295
AM peak	7:00 to 8:00	6	4
PM peak	12:00 to 1:00	13	9

Speed

Speed limit: 25 mph
85th Percentile Speed: 29.9 mph
Average Speed: 26.6 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	N/A	N/A	207	157	N/A	N/A	N/A
% over limit	N/A	N/A	58.0	67.4	N/A	N/A	N/A
Avg speeder	N/A	N/A	28.9	29.2	N/A	N/A	N/A

Class counts

	Number	%
VEH_SM	1	0.2
VEH_MED	578	98.0
VEH_LG	11	1.9

[VEH_SM = motorcycle, VEH_MED = sedan, VEH_LG = truck]

TRAFFIC ANALYSIS REPORT

For Project: SE Stanley Avenue South of Monroe Street
Location/Name: Southbound Direction
Report Generated: 7/6/2017 15:05
Speed Intervals 1 mph
Time Intervals 15 minutes

Traffic Report From 7/5/2017 10:55:47 AM through 7/6/2017 1:45:48 PM

85th Percentile Speed 28.3 mph
85th Percentile Vehicles 416 counts
Max Speed 39.0 mph on 7/5/2017 2:25:47 PM
Total Vehicles 489 count
AADT: 437

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		244	244
AM peak	10:00 to 11:00	4	2
PM peak	1:00 to 2:00	8	5

Speed

Speed limit: 25 mph
85th Percentile Speed: 28.3 mph
Average Speed: 25.0 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	N/A	N/A	146	63	N/A	N/A	N/A
% over limit	N/A	N/A	43.6	40.9	N/A	N/A	N/A
Avg speeder	N/A	N/A	28.3	28.7	N/A	N/A	N/A

Class counts

	Number	%
VEH_SM	2	0.4
VEH_MED	468	95.7
VEH_LG	19	3.9

[VEH_SM = motorcycle, VEH_MED = sedan, VEH_LG = truck]

TRAFFIC ANALYSIS REPORT

For Project: SE 64th Avenue South of Monroe St
Location/Name: Northbound Direction
Report Generated: 7/6/2017 15:26
Speed Intervals 1 mph
Time Intervals 5 minutes

Traffic Report From 7/5/2017 10:58:16 AM through 7/6/2017 1:09:22 PM

85th Percentile Speed 24.7 mph
85th Percentile Vehicles 55 counts
Max Speed 35.0 mph on 7/5/2017 3:02:15 PM
Total Vehicles 65 count
AADT: 60

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		32	32
AM peak	6:00 to 7:00	-	-
PM peak	12:00 to 1:00	-	-

Speed

Speed limit: 25 mph
85th Percentile Speed: 24.7 mph
Average Speed: 20.7 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	N/A	N/A	7	2	N/A	N/A	N/A
% over limit	N/A	N/A	15.2	10.5	N/A	N/A	N/A
Avg speeder	N/A	N/A	28.4	29.0	N/A	N/A	N/A

Class counts

	Number	%
VEH_SM	-	0.0
VEH_MED	65	100.0
VEH_LG	-	0.0

[VEH_SM = motorcycle, VEH_MED = sedan, VEH_LG = truck]

TRAFFIC ANALYSIS REPORT

For Project: SE 64th Avenue South of Monroe St
Location/Name: Southbound Direction
Report Generated: 7/6/2017 15:24
Speed Intervals 1 mph
Time Intervals 9 minutes

Traffic Report From 7/5/2017 11:22:53 AM through 7/6/2017 1:21:11 PM

85th Percentile Speed 23.3 mph
85th Percentile Vehicles 70 counts
Max Speed 28.0 mph on 7/5/2017 1:07:08 PM
Total Vehicles 82 count
AADT: 76

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		41	41
AM peak	4:00 to 5:00	-	-
PM peak	12:00 to 1:00	1	-

Speed

Speed limit: 25 mph
85th Percentile Speed: 23.3 mph
Average Speed: 19.4 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	N/A	N/A	3	2	N/A	N/A	N/A
% over limit	N/A	N/A	5.7	6.9	N/A	N/A	N/A
Avg speeder	N/A	N/A	26.7	26.5	N/A	N/A	N/A

Class counts

	Number	%
VEH_SM	-	0.0
VEH_MED	82	100.0
VEH_LG	-	0.0

[VEH_SM = motorcycle, VEH_MED = sedan, VEH_LG = truck]

TRAFFIC ANALYSIS REPORT

For Project: Monroe Street WO Stanley
Location/Name: Eastbound Direction
Report Generated: 7/10/2017 15:27
Speed Intervals 1 mph
Time Intervals 0 minutes

Traffic Report From 7/6/2017 4:00:53 PM through 7/10/2017 11:12:32 AM

85th Percentile Speed 33 mph
85th Percentile Vehicles 3,626 counts
Max Speed 48.0 mph on 7/8/2017 7:20:42 PM
Total Vehicles 4,266 count
AADT: 1,123

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		718	853
AM peak	10:00 to 11:00	25	37
PM peak	4:00 to 5:00	54	60

Speed

Speed limit: 25 mph
85th Percentile Speed: 33 mph
Average Speed: 28.7 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	221	N/A	N/A	505	1,025	839	835
% over limit	81.3	N/A	N/A	81.5	81.1	80.0	78.7
Avg speeder	30.0	N/A	N/A	29.9	30.1	30.2	29.8

Class counts

	Number	%
VEH_SM	38	0.9
VEH_MED	4,203	98.5
VEH_LG	25	0.6

[VEH_SM = motorcycle, VEH_MED = sedan, VEH_LG = truck]

TRAFFIC ANALYSIS REPORT

For Project: Monroe Street WO Stanley Street
Location/Name: Westbound Direction
Report Generated: 7/10/2017 15:30
Speed Intervals 1 mph
Time Intervals 0 minutes

Traffic Report From 7/6/2017 4:00:23 PM through 7/10/2017 11:12:39 AM

85th Percentile Speed 33 mph
85th Percentile Vehicles 3,543 counts
Max Speed 51.0 mph on 7/9/2017 3:11:16 PM
Total Vehicles 4,168 count
AADT: 1,097

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		685	833
AM peak	8:00 to 9:00	24	38
PM peak	5:00 to 6:00	42	49

Speed

Speed limit: 25 mph
85th Percentile Speed: 33 mph
Average Speed: 29.5 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	322	N/A	N/A	423	1,061	976	822
% over limit	88.2	N/A	N/A	87.2	87.9	86.3	83.9
Avg speeder	30.7	N/A	N/A	31.0	30.5	30.2	30.2

Class counts

	Number	%
VEH_SM	31	0.7
VEH_MED	4,062	97.5
VEH_LG	75	1.8

[VEH_SM = motorcycle, VEH_MED = sedan, VEH_LG = truck]

TRAFFIC ANALYSIS REPORT

For Project: Railroad EO 42nd Avenue
Location/Name: Eastbound Direction
Report Generated: 7/17/2017 16:08
Speed Intervals 1 mph
Time Intervals 0 minutes

Traffic Report From 7/10/2017 4:10:46 PM through 7/14/2017 1:47:16 PM

85th Percentile Speed 44 mph
85th Percentile Vehicles 10,394 counts
Max Speed 76.0 mph on 7/13/2017 6:52:42 PM
Total Vehicles 12,228 count
AADT: 3,135

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		2,445	2,445
AM peak	8:00 to 9:00	152	108
PM peak	5:00 to 6:00	196	140

Speed

Speed limit: 35 mph
85th Percentile Speed: 44 mph
Average Speed: 39.1 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	864	2,388	2,664	2,581	1,210	N/A	N/A
% over limit	79.9	78.9	80.8	78.5	78.7	N/A	N/A
Avg speeder	41.1	41.3	41.3	41.0	41.0	N/A	N/A

Class counts

	Number	%
VEH_SM	3	0.0
VEH_MED	12,009	98.2
VEH_LG	216	1.8

[VEH_SM = motorcycle, VEH_MED = sedan, VEH_LG = truck]

TRAFFIC ANALYSIS REPORT

For Project: Railroad EO 42nd Avenue
Location/Name: Westbound Direction
Report Generated: 7/17/2017 16:11
Speed Intervals 1 mph
Time Intervals 0 minutes

Traffic Report From 7/10/2017 4:09:59 PM through 7/14/2017 1:47:05 PM

85th Percentile Speed 45 mph
85th Percentile Vehicles 9,966 counts
Max Speed 70.0 mph on 7/11/2017 7:27:54 PM
Total Vehicles 11,725 count
AADT: 3,006

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		2,345	2,345
AM peak	10:00 to 11:00	121	86
PM peak	5:00 to 6:00	274	195

Speed

Speed limit: 35 mph
85th Percentile Speed: 45 mph
Average Speed: 39.9 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	925	2,574	2,653	2,592	1,004	N/A	N/A
% over limit	80.6	83.8	84.2	83.3	80.8	N/A	N/A
Avg speeder	41.5	41.5	41.8	41.5	41.8	N/A	N/A

Class counts

	Number	%
VEH_SM	115	1.0
VEH_MED	11,333	96.7
VEH_LG	277	2.4

[VEH_SM = motorcycle, VEH_MED = sedan, VEH_LG = truck]

TRAFFIC ANALYSIS REPORT

For Project: 47th Avenue NO Monroe Street_NB Traffic
 Location/Name: Northbound Direction
 Report Generated: 7/17/2017 15:40
 Speed Intervals 1 mph
 Time Intervals 15 minutes

Traffic Report From 7/10/2017 4:30:03 PM through 7/14/2017 1:45:03 PM

85th Percentile Speed 20.7 mph
 85th Percentile Vehicles 241 counts
 Max Speed 40.0 mph on 7/12/2017 7:26:59 AM
 Total Vehicles 283 count
 AADT: 73

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		56	56
AM peak	7:00 to 8:00	4	2
PM peak	12:00 to 1:00	5	3

Speed

Speed limit: 25 mph
 85th Percentile Speed: 20.7 mph
 Average Speed: 17.9 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	-	1	4	2	-	N/A	N/A
% over limit	0.0	1.3	6.5	2.5	0.0	N/A	N/A
Avg speeder	NaN	26.0	30.3	27.5	NaN	N/A	N/A

Class counts

	Number	%
VEH_SM	4	1.4
VEH_MED	266	94.0
VEH_LG	13	4.6

[VEH_SM = motorcycle, VEH_MED = sedan, VEH_LG = truck]

TRAFFIC ANALYSIS REPORT

For Project: 47th Avenue NO Monroe Street
Location/Name: Southbound Direction
Report Generated: 7/10/2017 14:51
Speed Intervals 1 mph
Time Intervals 14 minutes

Traffic Report From 7/6/2017 4:11:06 PM through 7/10/2017 11:16:13 AM

85th Percentile Speed 19 mph
85th Percentile Vehicles 212 counts
Max Speed 24.0 mph on 7/7/2017 7:18:22 PM
Total Vehicles 249 count
AADT: 66

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		39	49
AM peak	10:00 to 11:00	1	1
PM peak	5:00 to 6:00	2	3

Speed

Speed limit: 25 mph
85th Percentile Speed: 19 mph
Average Speed: 16.8 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	-	N/A	N/A	-	-	-	-
% over limit	0.0	N/A	N/A	0.0	0.0	0.0	0.0
Avg speeder	NaN	N/A	N/A	NaN	NaN	NaN	NaN

Class counts

	Number	%
VEH_SM	3	1.2
VEH_MED	245	98.4
VEH_LG	1	0.4

[VEH_SM = motorcycle, VEH_MED = sedan, VEH_LG = truck]

TRAFFIC ANALYSIS REPORT

For Project: 29th Street SO Harrison Street
Location/Name: Northbound Direction
Report Generated: 7/27/2017 8:54
Speed Intervals 1 mph
Time Intervals 15 minutes

Traffic Report From 7/24/2017 2:48:35 PM through 7/26/2017 3:41:05 PM

85th Percentile Speed 20.8 mph
85th Percentile Vehicles 292 counts
Max Speed 34.0 mph on 7/25/2017 9:19:06 AM
Total Vehicles 343 count
AADT: 168

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		114	114
AM peak	8:00 to 9:00	3	2
PM peak	3:00 to 4:00	7	4

Speed

Speed limit: 25 mph
85th Percentile Speed: 20.8 mph
Average Speed: 18.6 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	-	5	3	N/A	N/A	N/A	N/A
% over limit	0.0	3.2	3.0	N/A	N/A	N/A	N/A
Avg speeder	NaN	28.6	30.0	N/A	N/A	N/A	N/A

Class counts

	Number	%
VEH_SM	3	0.9
VEH_MED	326	95.0
VEH_LG	14	4.1

[VEH_SM = motorcycle, VEH_MED = sedan, VEH_LG = truck]

TRAFFIC ANALYSIS REPORT

For Project: 29th Street SO Harrison Street
Location/Name: Southbound Direction
Report Generated: 7/27/2017 8:43
Speed Intervals 1 mph
Time Intervals 5 minutes

Traffic Report From 7/24/2017 2:52:47 PM through 7/26/2017 3:28:45 PM

85th Percentile Speed 22.6 mph
85th Percentile Vehicles 175 counts
Max Speed 29.0 mph on 7/25/2017 6:16:20 PM
Total Vehicles 206 count
AADT: 102

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		68	68
AM peak	7:00 to 8:00	2	1
PM peak	2:00 to 3:00	4	2

Speed

Speed limit: 25 mph
85th Percentile Speed: 22.6 mph
Average Speed: 19.9 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	3	3	1	N/A	N/A	N/A	N/A
% over limit	7.3	3.1	1.4	N/A	N/A	N/A	N/A
Avg speeder	27.7	27.7	27.0	N/A	N/A	N/A	N/A

Class counts

	Number	%
VEH_SM	-	0.0
VEH_MED	196	95.1
VEH_LG	10	4.9

[VEH_SM = motorcycle, VEH_MED = sedan, VEH_LG = truck]

TRAFFIC ANALYSIS REPORT

For Project: Fuller Rd NO Monterey Avenue
Location/Name: Northbound Direction
Report Generated: 7/28/2017 15:07
Speed Intervals 1 mph
Time Intervals 0 minutes

Traffic Report From 7/27/2017 10:02:03 AM through 7/28/2017 2:45:33 PM

85th Percentile Speed 35 mph
85th Percentile Vehicles 3,414 counts
Max Speed 48.0 mph on 7/27/2017 8:07:28 PM
Total Vehicles 4,017 count
AADT: 3,356

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		2,008	2,008
AM peak	10:00 to 11:00	51	36
PM peak	12:00 to 1:00	89	63

Speed

Speed limit: 25 mph
85th Percentile Speed: 35 mph
Average Speed: 31.3 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	N/A	N/A	N/A	2,357	1,347	N/A	N/A
% over limit	N/A	N/A	N/A	92.2	92.2	N/A	N/A
Avg speeder	N/A	N/A	N/A	32.1	31.9	N/A	N/A

Class counts

	Number	%
VEH_SM	1	0.0
VEH_MED	3,962	98.6
VEH_LG	54	1.3

[VEH_SM = motorcycle, VEH_MED = sedan, VEH_LG = truck]

TRAFFIC ANALYSIS REPORT

For Project: Fuller Rd NO Monterey Avenue
Location/Name: Southbound Direction
Report Generated: 7/28/2017 15:09
Speed Intervals 1 mph
Time Intervals 0 minutes

Traffic Report From 7/27/2017 10:02:31 AM through 7/28/2017 2:45:26 PM

85th Percentile Speed 35 mph
85th Percentile Vehicles 3,748 counts
Max Speed 50.0 mph on 7/27/2017 9:15:17 PM
Total Vehicles 4,409 count
AADT: 3,685

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		2,204	2,204
AM peak	10:00 to 11:00	66	47
PM peak	1:00 to 2:00	110	78

Speed

Speed limit: 25 mph
85th Percentile Speed: 35 mph
Average Speed: 30.9 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	N/A	N/A	N/A	2,389	1,689	N/A	N/A
% over limit	N/A	N/A	N/A	91.7	93.6	N/A	N/A
Avg speeder	N/A	N/A	N/A	31.5	31.8	N/A	N/A

Class counts

	Number	%
VEH_SM	-	0.0
VEH_MED	4,318	97.9
VEH_LG	91	2.1

[VEH_SM = motorcycle, VEH_MED = sedan, VEH_LG = truck]

TRAFFIC ANALYSIS REPORT

For Project: SE Monroe Street EO 37th Avenue
Location/Name: Eastbound Direction
Report Generated: 7/19/2017 13:28
Speed Intervals 1 mph
Time Intervals 0 minutes

Traffic Report From 7/17/2017 4:42:06 PM through 7/19/2017 12:13:14 PM

85th Percentile Speed 30 mph
85th Percentile Vehicles 4,353 counts
Max Speed 45.0 mph on 7/18/2017 5:17:18 PM
Total Vehicles 5,121 count
AADT: 2,824

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		1,707	1,707
AM peak	10:00 to 11:00	64	46
PM peak	5:00 to 6:00	148	105

Speed

Speed limit: 25 mph
85th Percentile Speed: 30 mph
Average Speed: 26.7 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	821	1,950	553	N/A	N/A	N/A	N/A
% over limit	66.3	63.9	66.5	N/A	N/A	N/A	N/A
Avg speeder	28.4	28.4	28.6	N/A	N/A	N/A	N/A

Class counts

	Number	%
VEH_SM	7	0.1
VEH_MED	4,951	96.7
VEH_LG	163	3.2

[VEH_SM = motorcycle, VEH_MED = sedan, VEH_LG = truck]

TRAFFIC ANALYSIS REPORT

For Project: SE Monroe Street EO 37th Avenue
Location/Name: Westbound Direction
Report Generated: 7/19/2017 13:31
Speed Intervals 1 mph
Time Intervals 0 minutes

Traffic Report From 7/17/2017 4:40:43 PM through 7/19/2017 12:13:25 PM

85th Percentile Speed 30 mph
85th Percentile Vehicles 3,345 counts
Max Speed 47.0 mph on 7/18/2017 3:27:21 PM
Total Vehicles 3,935 count
AADT: 2,169

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		1,311	1,311
AM peak	7:00 to 8:00	65	46
PM peak	5:00 to 6:00	65	46

Speed

Speed limit: 25 mph
85th Percentile Speed: 30 mph
Average Speed: 26.4 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	417	1,379	624	N/A	N/A	N/A	N/A
% over limit	63.2	60.6	62.5	N/A	N/A	N/A	N/A
Avg speeder	28.3	28.4	28.6	N/A	N/A	N/A	N/A

Class counts

	Number	%
VEH_SM	9	0.2
VEH_MED	3,867	98.3
VEH_LG	59	1.5

[VEH_SM = motorcycle, VEH_MED = sedan, VEH_LG = truck]

TRAFFIC ANALYSIS REPORT

For Project: Jack Rd EO Linwood Avenue
Location/Name: Eastbound Direction
Report Generated: 7/21/2017 10:59
Speed Intervals 1 mph
Time Intervals 24 minutes

Traffic Report From 7/19/2017 12:07:08 PM through 7/20/2017 4:23:31 PM

85th Percentile Speed 30 mph
85th Percentile Vehicles 74 counts
Max Speed 41.0 mph on 7/19/2017 5:28:07 PM
Total Vehicles 87 count
AADT: 74

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		43	43
AM peak	5:00 to 6:00	-	-
PM peak	12:00 to 1:00	1	1

Speed

Speed limit: 25 mph
85th Percentile Speed: 30 mph
Average Speed: 25.4 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	N/A	N/A	26	18	N/A	N/A	N/A
% over limit	N/A	N/A	53.1	47.4	N/A	N/A	N/A
Avg speeder	N/A	N/A	30.7	28.4	N/A	N/A	N/A

Class counts

	Number	%
VEH_SM	-	0.0
VEH_MED	82	94.3
VEH_LG	5	5.7

[VEH_SM = motorcycle, VEH_MED = sedan, VEH_LG = truck]

TRAFFIC ANALYSIS REPORT

For Project: Jack Rd EO Linwood Avenue
Location/Name: Westbound Direction
Report Generated: 7/21/2017 10:55
Speed Intervals 1 mph
Time Intervals 21 minutes

Traffic Report From 7/19/2017 12:12:34 PM through 7/20/2017 4:12:49 PM

85th Percentile Speed 30 mph
85th Percentile Vehicles 68 counts
Max Speed 40.0 mph on 7/20/2017 2:59:12 PM
Total Vehicles 80 count
AADT: 69

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		40	40
AM peak	3:00 to 4:00	-	-
PM peak	12:00 to 1:00	1	1

Speed

Speed limit: 25 mph
85th Percentile Speed: 30 mph
Average Speed: 25.3 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	N/A	N/A	20	23	N/A	N/A	N/A
% over limit	N/A	N/A	57.1	51.1	N/A	N/A	N/A
Avg speeder	N/A	N/A	28.6	29.6	N/A	N/A	N/A

Class counts

	Number	%
VEH_SM	1	1.3
VEH_MED	79	98.8
VEH_LG	-	0.0

[VEH_SM = motorcycle, VEH_MED = sedan, VEH_LG = truck]

TRAFFIC ANALYSIS REPORT

For Project: Linwood NO Furnberg Street
Location/Name: Northbound Direction
Report Generated: 7/27/2017 9:05
Speed Intervals 1 mph
Time Intervals 0 minutes

Traffic Report From 7/24/2017 2:10:53 PM through 7/26/2017 3:04:44 PM

85th Percentile Speed 39 mph
85th Percentile Vehicles 6,967 counts
Max Speed 57.0 mph on 7/25/2017 11:44:02 PM
Total Vehicles 8,196 count
AADT: 4,023

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		2,732	2,732
AM peak	10:00 to 11:00	89	63
PM peak	2:00 to 3:00	170	121

Speed

Speed limit: 25 mph
85th Percentile Speed: 39 mph
Average Speed: 35.1 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	1,943	3,846	2,072	N/A	N/A	N/A	N/A
% over limit	96.4	96.1	95.2	N/A	N/A	N/A	N/A
Avg speeder	36.0	35.7	35.3	N/A	N/A	N/A	N/A

Class counts

	Number	%
VEH_SM	22	0.3
VEH_MED	7,940	96.9
VEH_LG	234	2.9

[VEH_SM = motorcycle, VEH_MED = sedan, VEH_LG = truck]

TRAFFIC ANALYSIS REPORT

For Project: Linwood NO Furnberg Street
Location/Name: Southbound Direction
Report Generated: 7/27/2017 9:08
Speed Intervals 1 mph
Time Intervals 0 minutes

Traffic Report From 7/24/2017 2:10:35 PM through 7/26/2017 3:04:42 PM

85th Percentile Speed 39 mph
85th Percentile Vehicles 6,955 counts
Max Speed 52.0 mph on 7/24/2017 4:18:55 PM
Total Vehicles 8,182 count
AADT: 4,016

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		2,727	2,727
AM peak	10:00 to 11:00	88	62
PM peak	2:00 to 3:00	176	125

Speed

Speed limit: 25 mph
85th Percentile Speed: 39 mph
Average Speed: 34.7 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	1,930	3,756	2,190	N/A	N/A	N/A	N/A
% over limit	96.7	95.8	96.6	N/A	N/A	N/A	N/A
Avg speeder	35.3	35.2	35.0	N/A	N/A	N/A	N/A

Class counts

	Number	%
VEH_SM	4	0.0
VEH_MED	7,889	96.4
VEH_LG	289	3.5

[VEH_SM = motorcycle, VEH_MED = sedan, VEH_LG = truck]

TRAFFIC ANALYSIS REPORT

For Project: SE Monroe Street EO 72nd Avenue
Location/Name: Eastbound Direction
Report Generated: 7/21/2017 11:12
Speed Intervals 1 mph
Time Intervals 15 minutes

Traffic Report From 7/19/2017 2:00:46 PM through 7/20/2017 3:53:55 PM

85th Percentile Speed 21 mph
85th Percentile Vehicles 49 counts
Max Speed 31.0 mph on 7/19/2017 5:40:05 PM
Total Vehicles 58 count
AADT: 54

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		29	29
AM peak	4:00 to 5:00	-	-
PM peak	2:00 to 3:00	1	-

Speed

Speed limit: 25 mph
85th Percentile Speed: 21 mph
Average Speed: 17.9 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	N/A	N/A	2	-	N/A	N/A	N/A
% over limit	N/A	N/A	5.4	0.0	N/A	N/A	N/A
Avg speeder	N/A	N/A	29.0	NaN	N/A	N/A	N/A

Class counts

	Number	%
VEH_SM	-	0.0
VEH_MED	58	100.0
VEH_LG	-	0.0

[VEH_SM = motorcycle, VEH_MED = sedan, VEH_LG = truck]

TRAFFIC ANALYSIS REPORT

For Project: SE Monroe Street EO 72nd Avenue
Location/Name: Westbound Direction
Report Generated: 7/21/2017 11:17
Speed Intervals 1 mph
Time Intervals 14 minutes

Traffic Report From 7/19/2017 2:06:45 PM through 7/20/2017 4:24:40 PM

85th Percentile Speed 23.3 mph
85th Percentile Vehicles 57 counts
Max Speed 36.0 mph on 7/20/2017 10:02:10 AM
Total Vehicles 67 count
AADT: 61

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		33	33
AM peak	4:00 to 5:00	-	-
PM peak	2:00 to 3:00	1	-

Speed

Speed limit: 25 mph
85th Percentile Speed: 23.3 mph
Average Speed: 19.3 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	N/A	N/A	2	5	N/A	N/A	N/A
% over limit	N/A	N/A	7.7	12.2	N/A	N/A	N/A
Avg speeder	N/A	N/A	26.5	30.6	N/A	N/A	N/A

Class counts

	Number	%
VEH_SM	-	0.0
VEH_MED	67	100.0
VEH_LG	-	0.0

[VEH_SM = motorcycle, VEH_MED = sedan, VEH_LG = truck]

TRAFFIC ANALYSIS REPORT

For Project: SE Wood Avenue -btwn SE park St and SE Monroe St
Location/Name: Northbound Direction
Report Generated: 6/1/2017 11:00
Speed Intervals 1 mph
Time Intervals 1 minutes

Traffic Report From 5/23/2017 9:53:36 AM through 5/31/2017 11:43:27 AM

85th Percentile Speed 28 mph
85th Percentile Vehicles 1,952 counts
Max Speed 44.0 mph on 5/28/2017 2:32:57 AM
Total Vehicles 2,296 count
AADT: 284

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		267	262
AM peak	8:00 to 9:00	18	17
PM peak	4:00 to 5:00	26	24

Speed

Speed limit: 25 mph
85th Percentile Speed: 28 mph
Average Speed: 23.7 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	74	161	132	87	97	83	72
% over limit	28.0	31.0	33.2	31.1	28.9	30.5	31.7
Avg speeder	28.2	28.1	28.0	28.4	28.2	28.3	29.2

Class counts

	Number	%
VEH_SM	-	0.0
VEH_MED	2,229	97.1
VEH_LG	67	2.9

[VEH_SM = motorcycle, VEH_MED = sedan, VEH_LG = truck]

TRAFFIC ANALYSIS REPORT

For Project: SE Wood Avenue -btwn SE park St and SE Monroe St
Location/Name: Southbound Direction
Report Generated: 6/1/2017 10:56
Speed Intervals 1 mph
Time Intervals 0 minutes

Traffic Report From 5/23/2017 9:59:16 AM through 5/31/2017 11:40:25 AM

85th Percentile Speed 27 mph
85th Percentile Vehicles 1,405 counts
Max Speed 40.0 mph on 5/28/2017 1:36:51 PM
Total Vehicles 1,653 count
AADT: 205 0.4192229

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		190	188
AM peak	7:00 to 8:00	9	9
PM peak	4:00 to 5:00	21	20

Speed

Speed limit: 25 mph
85th Percentile Speed: 27 mph
Average Speed: 23.4 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	48	109	81	61	50	56	41
% over limit	28.1	27.4	29.5	28.2	21.8	28.0	25.0
Avg speeder	28.3	28.2	27.6	28.2	28.4	28.3	28.5

Class counts

	Number	%
VEH_SM	-	0.0
VEH_MED	1,615	97.7
VEH_LG	38	2.3

[VEH_SM = motorcycle, VEH_MED = sedan, VEH_LG = truck]



Questions concerning this report call 503.742.4704
<http://www.clackamas.us/engineering/>

LOCATION : CAUSEY AVE EAST OF FULLER
COORDINATES : 45.4416, -122.5732
WEATHER : SUNNY ~ 55

Site: 13182745
3/5/2015
Thursday

Daily Speed															
Combined Channels															
mph	Total	0 - < 15	15 - < 20	20 - < 25	25 - < 30	30 - < 35	35 - < 40	40 - < 45	45 - < 50	50 - < 55	55 - < 60	60 - < 65	65 - < 70	70 - < 200	Avg.
12:00 AM	33	0	2	14	14	3	0	0	0	0	0	0	0	0	25.5
1:00 AM	11	0	0	2	3	5	1	0	0	0	0	0	0	0	28.6
2:00 AM	14	0	2	5	6	1	0	0	0	0	0	0	0	0	25.1
3:00 AM	7	0	0	3	3	1	0	0	0	0	0	0	0	0	27.0
4:00 AM	13	0	0	2	7	3	1	0	0	0	0	0	0	0	28.4
5:00 AM	31	0	2	7	15	6	1	0	0	0	0	0	0	0	27.0
6:00 AM	96	1	3	34	43	12	3	0	0	0	0	0	0	0	26.2
7:00 AM	278	0	7	67	140	57	7	0	0	0	0	0	0	0	27.3
8:00 AM	275	1	9	92	126	45	2	0	0	0	0	0	0	0	26.4
9:00 AM	200	2	15	68	84	27	4	0	0	0	0	0	0	0	25.8
10:00 AM	242	5	21	96	98	20	2	0	0	0	0	0	0	0	24.9
11:00 AM	307	4	27	106	139	26	4	1	0	0	0	0	0	0	25.2
12:00 PM	335	5	36	115	143	32	4	0	0	0	0	0	0	0	25.2
1:00 PM	337	2	47	117	136	33	2	0	0	0	0	0	0	0	24.7
2:00 PM	452	14	69	180	159	27	1	1	0	0	0	0	1	0	23.9
3:00 PM	407	3	43	164	157	37	3	0	0	0	0	0	0	0	24.8
4:00 PM	464	12	70	153	194	33	2	0	0	0	0	0	0	0	24.3
5:00 PM	478	13	57	195	175	33	4	0	0	1	0	0	0	0	24.3
6:00 PM	360	5	40	143	145	25	2	0	0	0	0	0	0	0	24.6
7:00 PM	281	2	21	111	105	39	1	1	0	0	1	0	0	0	25.6
8:00 PM	164	1	6	50	79	20	7	1	0	0	0	0	0	0	26.6
9:00 PM	145	0	11	57	58	17	1	1	0	0	0	0	0	0	25.5
10:00 PM	73	0	6	18	36	12	1	0	0	0	0	0	0	0	26.4
11:00 PM	45	0	2	15	19	8	1	0	0	0	0	0	0	0	26.6
Total	5048	70	496	1814	2084	522	54	5	0	1	1	0	1	0	25.1
%		1.4	9.8	35.9	41.3	10.3	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
Average (Mean)		25.1 mph		Minimum 10.1 mph		Maximum 66.0 mph		Pace Range 20.2 - 30.2 mph 3933 vehicles (77.9 %)							
Percentile Speeds		<u>10%</u>		<u>15%</u>		<u>50%</u>		<u>85%</u>		<u>90%</u>					
(mph)		19.7		20.8		25.3		29.3		30.2					
Speeds Exceeded		<u>25 mph</u>		<u>35 mph</u>		<u>45 mph</u>		<u>55 mph</u>		<u>65 mph</u>		<u>75 mph</u>			
		52.9 % (2668)		1.2 % (62)		0.1 % (3)		0.0 % (2)		0.0 % (1)		0 % (0)			



Questions concerning this report call 503.742.4704
<http://www.clackamas.us/engineering/>

LOCATION : FULLER RD SOUTH OF CAUSEY

COORDINATES : 45.4402 N, -122.5826 W

WEATHER : RAINY ~ 45

Site: 13182813
2/5/2015
Thursday

Daily Speed															
Combined Channels															
mph		0 -	15 -	20 -	25 -	30 -	35 -	40 -	45 -	50 -	55 -	60 -	65 -	70 -	
	Total	< 15	< 20	< 25	< 30	< 35	< 40	< 45	< 50	< 55	< 60	< 65	< 70	< 200	Avg.
12:00 AM	44	0	0	1	11	20	10	2	0	0	0	0	0	0	32.6
1:00 AM	17	0	1	4	2	6	3	1	0	0	0	0	0	0	30.0
2:00 AM	14	0	0	0	4	8	2	0	0	0	0	0	0	0	31.8
3:00 AM	18	0	0	1	4	10	3	0	0	0	0	0	0	0	31.6
4:00 AM	31	0	1	0	6	20	3	1	0	0	0	0	0	0	32.0
5:00 AM	51	0	1	0	11	21	16	1	1	0	0	0	0	0	32.7
6:00 AM	140	0	1	6	37	59	32	5	0	0	0	0	0	0	32.0
7:00 AM	549	6	3	44	208	229	50	8	0	1	0	0	0	0	30.0
8:00 AM	337	1	3	30	147	125	30	1	0	0	0	0	0	0	29.6
9:00 AM	228	0	4	25	91	85	22	1	0	0	0	0	0	0	29.6
10:00 AM	221	0	1	18	72	104	25	1	0	0	0	0	0	0	30.6
11:00 AM	282	5	8	38	81	119	25	6	0	0	0	0	0	0	29.4
12:00 PM	353	0	3	34	117	168	27	4	0	0	0	0	0	0	30.1
1:00 PM	345	1	6	32	135	128	40	2	1	0	0	0	0	0	29.9
2:00 PM	482	4	5	35	194	204	35	4	0	1	0	0	0	0	29.8
3:00 PM	538	4	8	25	216	234	44	4	0	2	1	0	0	0	30.2
4:00 PM	482	3	5	33	179	213	47	2	0	0	0	0	0	0	30.0
5:00 PM	496	2	4	31	129	259	63	5	0	0	0	2	0	1	31.1
6:00 PM	372	3	2	16	122	173	49	7	0	0	0	0	0	0	31.0
7:00 PM	268	0	3	15	94	116	38	2	0	0	0	0	0	0	30.7
8:00 PM	220	0	0	10	77	106	26	1	0	0	0	0	0	0	30.9
9:00 PM	157	0	0	9	51	73	22	2	0	0	0	0	0	0	31.0
10:00 PM	116	0	0	12	30	57	16	1	0	0	0	0	0	0	30.8
11:00 PM	58	0	0	2	22	24	8	2	0	0	0	0	0	0	31.4
Total	5819	29	59	421	2040	2561	636	63	2	4	1	2	0	1	30.4
%		0.5	1.0	7.2	35.1	44.0	10.9	1.1	0.0	0.1	0.0	0.0	0.0	0.0	
Average (Mean)		30.4 mph		Minimum 10.3 mph		Maximum 77.6 mph		Pace Range		25.2 - 35.2 mph		4770 vehicles (82.0 %)			
Percentile Speeds			<u>10%</u>	<u>15%</u>	<u>50%</u>	<u>85%</u>	<u>90%</u>								
(mph)			25.2	26.2	30.5	34.5	35.1								
Speeds Exceeded			<u>25 mph</u>	<u>35 mph</u>	<u>45 mph</u>	<u>55 mph</u>	<u>65 mph</u>	<u>75 mph</u>							
			91.3 % (5310)	12.2 % (709)	0.2 % (10)	0.1 % (4)	0.0 % (1)	0.0 % (1)							



Questions concerning this report call 503.742.4704
<http://www.clackamas.us/engineering/>

LOCATION : FULLER RD SOUTH OF KING

COORDINATES : 45.4454 N, -122.5798 W

WEATHER : RAINY ~ 45

Site: 13182814
2/5/2015
Thursday

Daily Speed															
mph	Combined Channels														
	Total	0 - < 15	15 - < 20	20 - < 25	25 - < 30	30 - < 35	35 - < 40	40 - < 45	45 - < 50	50 - < 55	55 - < 60	60 - < 65	65 - < 70	70 - < 200	Avg.
12:00 AM	21	1	1	1	2	12	2	2	0	0	0	0	0	0	31.2
1:00 AM	16	0	2	3	7	3	1	0	0	0	0	0	0	0	26.7
2:00 AM	15	0	0	1	7	7	0	0	0	0	0	0	0	0	29.3
3:00 AM	16	0	1	3	4	5	2	1	0	0	0	0	0	0	29.3
4:00 AM	28	0	1	1	5	11	10	0	0	0	0	0	0	0	32.7
5:00 AM	41	1	1	4	4	18	12	1	0	0	0	0	0	0	32.1
6:00 AM	100	2	2	6	22	43	22	1	2	0	0	0	0	0	31.3
7:00 AM	340	4	15	19	101	146	46	9	0	0	0	0	0	0	30.3
8:00 AM	182	1	11	20	54	68	26	1	0	0	0	1	0	0	30.0
9:00 AM	111	2	5	8	23	55	16	2	0	0	0	0	0	0	30.4
10:00 AM	147	3	17	9	34	57	24	2	1	0	0	0	0	0	29.4
11:00 AM	164	4	7	20	53	54	25	1	0	0	0	0	0	0	29.3
12:00 PM	202	5	11	19	74	68	23	2	0	0	0	0	0	0	29.0
1:00 PM	217	4	22	21	62	82	23	3	0	0	0	0	0	0	28.7
2:00 PM	287	3	15	35	110	97	19	8	0	0	0	0	0	0	28.9
3:00 PM	299	10	19	27	92	113	33	3	0	1	0	0	0	1	29.1
4:00 PM	264	6	12	31	95	88	29	1	1	1	0	0	0	0	29.0
5:00 PM	283	6	12	21	102	102	37	3	0	0	0	0	0	0	29.5
6:00 PM	238	2	13	23	79	96	21	3	1	0	0	0	0	0	29.4
7:00 PM	157	0	7	19	52	58	21	0	0	0	0	0	0	0	29.5
8:00 PM	148	2	6	13	47	63	17	0	0	0	0	0	0	0	29.4
9:00 PM	106	5	11	5	33	41	10	1	0	0	0	0	0	0	28.4
10:00 PM	95	1	8	5	26	40	15	0	0	0	0	0	0	0	29.8
11:00 PM	62	0	6	10	15	20	10	1	0	0	0	0	0	0	28.9
Total	3539	62	205	324	1103	1347	444	45	5	2	0	1	0	1	29.5
%		1.8	5.8	9.2	31.2	38.1	12.5	1.3	0.1	0.1	0.0	0.0	0.0	0.0	
Average (Mean)		29.5 mph		Minimum 10.0 mph		Maximum 88.7 mph		Pace Range 25.2 - 35.2 mph 2558 vehicles (72.3 %)							
Percentile Speeds		<u>10%</u>		<u>15%</u>		<u>50%</u>		<u>85%</u>		<u>90%</u>					
		(mph)		21.4		24.5		30.0		34.5		35.8			
Speeds Exceeded		<u>25 mph</u>		<u>35 mph</u>		<u>45 mph</u>		<u>55 mph</u>		<u>65 mph</u>		<u>75 mph</u>			
		83.3 % (2948)		14.1 % (498)		0.3 % (9)		0.1 % (2)		0.0 % (1)		0.0 % (1)			

All Traffic Data
15105 SE 17th St.
Vancouver, WA. 98683
503-833-2740

Site Code: 2
SE Harmony Dr W-O SE Fuller Rd

EB															
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
04/30/15	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
01:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2
03:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
04:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
05:00	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
06:00	0	8	4	0	1	0	0	0	0	0	0	0	0	0	13
07:00	0	39	6	0	0	0	0	0	0	0	0	0	0	0	45
08:00	0	14	5	0	3	0	0	0	0	0	0	0	0	0	22
09:00	0	26	7	0	0	0	0	0	0	0	0	0	0	0	33
10:00	0	22	4	0	0	0	0	0	0	0	0	0	0	0	26
11:00	0	18	4	0	1	0	0	0	0	0	0	0	0	1	24
12 PM	0	22	2	0	1	0	0	0	0	0	0	0	0	0	25
13:00	0	20	9	0	1	0	0	0	0	0	0	0	0	0	30
14:00	3	24	6	0	1	0	0	0	0	0	0	0	0	0	34
15:00	0	25	8	0	2	0	0	0	0	0	0	0	0	0	35
16:00	0	38	10	0	3	0	0	0	0	0	0	0	0	1	52
17:00	1	24	8	0	2	0	0	0	0	0	0	0	0	2	37
18:00	0	25	6	0	0	0	0	0	0	0	0	0	0	2	33
19:00	2	15	4	0	0	1	0	0	0	0	0	0	0	0	22
20:00	0	15	3	0	0	0	0	0	0	0	0	0	0	0	18
21:00	1	4	3	0	0	0	0	0	0	0	0	0	0	0	8
22:00	0	9	1	0	1	0	0	0	0	0	0	0	0	0	11
23:00	1	8	4	0	0	0	0	0	0	0	0	0	0	0	13
Total	8	360	100	0	17	1	0	0	0	0	0	0	0	6	492
Percent	1.6%	73.2%	20.3%	0.0%	3.5%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.2%	
AM Peak		07:00	09:00		08:00									11:00	
Vol.		39	7		3									1	
PM Peak	14:00	16:00	16:00		16:00	19:00								17:00	
Vol.	3	38	10		3	1								2	
Grand Total	8	360	100	0	17	1	0	0	0	0	0	0	0	6	492
Percent	1.6%	73.2%	20.3%	0.0%	3.5%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.2%	

All Traffic Data
15105 SE 17th St.
Vancouver, WA. 98683
503-833-2740

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Site Code: 2
SE Harmony Dr W-O SE Fuller Rd

EB																	
Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	85th Percent	95th Percent
04/30/15	0	0	0	1	0	0	1	0	0	0	0	0	0	0	2	43	44
01:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	39	39
02:00	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2	33	34
03:00	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2	28	29
04:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	24	24
05:00	0	1	0	1	1	0	0	0	0	0	0	0	0	0	3	32	34
06:00	0	0	4	5	3	1	0	0	0	0	0	0	0	0	13	33	36
07:00	3	0	4	21	13	4	0	0	0	0	0	0	0	0	45	33	37
08:00	1	0	8	9	3	1	0	0	0	0	0	0	0	0	22	31	34
09:00	0	0	6	20	6	1	0	0	0	0	0	0	0	0	33	31	34
10:00	0	0	8	14	1	2	1	0	0	0	0	0	0	0	26	30	39
11:00	2	3	4	8	5	1	1	0	0	0	0	0	0	0	24	33	39
12 PM	2	1	9	7	4	0	2	0	0	0	0	0	0	0	25	32	41
13:00	1	1	5	14	7	1	1	0	0	0	0	0	0	0	30	33	37
14:00	1	2	12	10	8	1	0	0	0	0	0	0	0	0	34	32	34
15:00	1	2	6	15	9	1	1	0	0	0	0	0	0	0	35	33	36
16:00	2	3	8	22	15	1	1	0	0	0	0	0	0	0	52	33	34
17:00	3	1	11	11	6	5	0	0	0	0	0	0	0	0	37	34	38
18:00	2	1	4	18	7	1	0	0	0	0	0	0	0	0	33	32	34
19:00	1	4	10	5	2	0	0	0	0	0	0	0	0	0	22	28	32
20:00	0	0	5	9	4	0	0	0	0	0	0	0	0	0	18	31	33
21:00	0	1	4	3	0	0	0	0	0	0	0	0	0	0	8	28	29
22:00	0	0	2	5	4	0	0	0	0	0	0	0	0	0	11	32	34
23:00	0	3	1	4	5	0	0	0	0	0	0	0	0	0	13	33	34
Total	20	23	112	204	104	21	8	0	0	0	0	0	0	0	492		
Percent	4.1%	4.7%	22.8%	41.5%	21.1%	4.3%	1.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	07:00	11:00	08:00	07:00	07:00	07:00	00:00								07:00		
Vol.	3	3	8	21	13	4	1								45		
PM Peak	17:00	19:00	14:00	16:00	16:00	17:00	12:00								16:00		
Vol.	3	4	12	22	15	5	2								52		
Grand Total	20	23	112	204	104	21	8	0	0	0	0	0	0	0	492		
Percent	4.1%	4.7%	22.8%	41.5%	21.1%	4.3%	1.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
Statistics																	
10 MPH Pace Speed :				21-30 MPH													
Number in Pace :				316													
Percent in Pace :				64.2%													
Number of Vehicles > 55 MPH :				0													
Percent of Vehicles > 55 MPH :				0.0%													
Mean Speed(Average) :				27 MPH													

All Traffic Data
15105 SE 17th St.
Vancouver, WA. 98683
503-833-2740

Page 1

Site Code: 1
SE Maplehurst Rd N-O SE Charles St

NB	Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76						
	Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	85th Percent	95th Percent			
	09/15/15	0	0	1	2	0	0	0	0	0	0	0	0	0	0	3	28	29			
	01:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	34	34			
	02:00	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	29	29			
	03:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	24	24			
	04:00	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	28	29			
	05:00	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	29	29			
	06:00	1	1	8	5	0	0	0	0	0	0	0	0	0	0	15	27	29			
	07:00	0	5	18	6	0	0	0	0	0	0	0	0	0	0	29	26	28			
	08:00	1	11	13	2	0	0	0	0	0	0	0	0	0	0	27	24	26			
	09:00	0	16	6	5	0	0	0	0	0	0	0	0	0	0	27	25	28			
	10:00	3	9	12	6	1	0	0	0	0	0	0	0	0	0	31	26	29			
	11:00	2	9	13	7	1	0	0	0	0	0	0	0	0	0	32	27	29			
	12 PM	0	7	16	4	0	0	0	0	0	0	0	0	0	0	27	24	28			
	13:00	3	12	12	9	1	0	0	0	0	0	0	0	0	0	37	27	29			
	14:00	5	16	20	12	1	0	0	0	0	0	0	0	0	0	54	27	29			
	15:00	2	16	23	12	2	0	0	0	0	0	0	0	0	0	55	27	29			
	16:00	2	7	22	11	0	0	0	0	0	0	0	0	0	0	42	27	29			
	17:00	1	16	30	4	0	1	0	0	0	0	0	0	0	0	52	24	28			
	18:00	2	3	21	10	1	0	0	0	0	0	0	0	0	0	37	27	29			
	19:00	0	6	17	4	1	0	0	0	0	0	0	0	0	0	28	26	29			
	20:00	1	4	19	2	0	0	0	0	0	0	0	0	0	0	26	24	26			
	21:00	1	1	12	3	0	0	0	0	0	0	0	0	0	0	17	25	28			
	22:00	0	0	6	1	0	0	0	0	0	0	0	0	0	0	7	24	28			
	23:00	0	1	1	2	0	0	0	0	0	0	0	0	0	0	4	28	29			
	Total	24	140	272	112	9	1	0	0	0	0	0	0	0	0	558					
	Percent	4.3%	25.1%	48.7%	20.1%	1.6%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%						
	AM Peak	10:00	09:00	07:00	11:00	01:00												11:00			
	Vol.	3	16	18	7	1												32			
	PM Peak	14:00	14:00	17:00	14:00	15:00	17:00												15:00		
	Vol.	5	16	30	12	2	1												55		
	Grand Total	24	140	272	112	9	1	0	0	0	0	0	0	0	0	558					
	Percent	4.3%	25.1%	48.7%	20.1%	1.6%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%						
				15th Percentile :		17 MPH															
				50th Percentile :		22 MPH															
				85th Percentile :		26 MPH															
				95th Percentile :		29 MPH															
Statistics		10 MPH Pace Speed :		16-25 MPH																	
		Number in Pace :		412																	
		Percent in Pace :		73.8%																	
		Number of Vehicles > 55 MPH :		0																	
		Percent of Vehicles > 55 MPH :		0.0%																	
		Mean Speed(Average) :		22 MPH																	

All Traffic Data
15105 SE 17th St.
Vancouver, WA. 98683
503-833-2740

Site Code: 1
SE Maplehurst Rd W-O SE Norbert Dr

EB																		
Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	85th Percent	95th Percent	
09/15/15	0	0	0	1	1	1	0	0	0	0	0	0	0	0	3	37	39	
01:00	0	0	0	1	0	1	0	0	0	0	0	0	0	0	2	38	39	
02:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	29	29	
03:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	24	24	
04:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	24	24	
05:00	1	0	1	2	1	0	0	0	0	0	0	0	0	0	5	31	33	
06:00	3	3	7	3	0	0	0	0	0	0	0	0	0	0	16	26	28	
07:00	4	3	18	24	4	0	0	0	0	0	0	0	0	0	53	29	31	
08:00	0	2	10	12	2	1	0	0	0	0	0	0	0	0	27	29	34	
09:00	6	8	11	8	2	0	0	0	0	0	0	0	0	0	35	27	30	
10:00	2	5	10	9	0	0	0	0	0	0	0	0	0	0	26	27	29	
11:00	3	3	16	10	1	0	0	0	0	0	0	0	0	0	33	28	29	
12 PM	0	3	9	10	1	0	0	0	0	0	0	0	0	0	23	28	29	
13:00	2	5	20	5	3	0	1	0	0	0	0	0	0	0	36	28	33	
14:00	5	4	18	14	2	0	0	0	0	0	0	0	0	0	43	28	29	
15:00	2	4	16	24	7	0	0	0	0	0	0	0	0	0	53	29	33	
16:00	0	9	17	6	3	1	0	0	0	0	0	0	0	0	36	28	33	
17:00	5	5	15	21	3	0	0	0	0	0	0	0	0	0	49	28	30	
18:00	0	9	14	15	2	0	0	0	0	0	0	0	0	0	40	28	30	
19:00	1	7	8	5	2	0	0	0	0	0	0	0	0	0	23	28	32	
20:00	3	2	5	6	1	0	0	0	0	0	0	0	0	0	17	28	30	
21:00	0	0	2	5	1	0	0	0	0	0	0	0	0	0	8	29	32	
22:00	0	2	3	2	0	0	0	0	0	0	0	0	0	0	7	27	29	
23:00	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	28	29	
Total	37	74	203	185	36	4	1	0	0	0	0	0	0	0	540			
Percent	6.9%	13.7%	37.6%	34.3%	6.7%	0.7%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
AM Peak	09:00	09:00	07:00	07:00	07:00	00:00									07:00			
Vol.	6	8	18	24	4	1									53			
PM Peak	14:00	16:00	13:00	15:00	15:00	16:00	13:00								15:00			
Vol.	5	9	20	24	7	1	1								53			
Grand Total	37	74	203	185	36	4	1	0	0	0	0	0	0	0	540			
Percent	6.9%	13.7%	37.6%	34.3%	6.7%	0.7%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%				
Statistics																		
10 MPH Pace Speed : 21-30 MPH																		
Number in Pace : 388																		
Percent in Pace : 71.9%																		
Number of Vehicles > 55 MPH : 0																		
Percent of Vehicles > 55 MPH : 0.0%																		
Mean Speed(Average) : 24 MPH																		



Questions concerning this report call 503.742.4704
<http://www.clackamas.us/engineering/>

LOCATION : MONROE ST EAST OF LINWOOD

COORDINATES : 45.4446 N, -122.5967 W

WEATHER : MOSTLY CLOUDY ~ 45

Site: 13182939

1/27/2015

Tuesday

Daily Speed															
mph	Combined Channels														
	Total	0 - < 15	15 - < 20	20 - < 25	25 - < 30	30 - < 35	35 - < 40	40 - < 45	45 - < 50	50 - < 55	55 - < 60	60 - < 65	65 - < 70	70 - < 200	Avg.
12:00 AM	13	0	0	2	6	3	2	0	0	0	0	0	0	0	29.3
1:00 AM	3	0	0	1	1	0	1	0	0	0	0	0	0	0	28.4
2:00 AM	9	0	1	1	6	1	0	0	0	0	0	0	0	0	26.1
3:00 AM	6	0	0	1	2	3	0	0	0	0	0	0	0	0	28.2
4:00 AM	4	0	0	1	2	0	1	0	0	0	0	0	0	0	28.6
5:00 AM	22	0	1	4	9	5	2	0	1	0	0	0	0	0	28.7
6:00 AM	58	0	1	16	18	18	4	1	0	0	0	0	0	0	28.4
7:00 AM	123	0	6	20	56	33	8	0	0	0	0	0	0	0	28.4
8:00 AM	88	1	7	13	49	15	3	0	0	0	0	0	0	0	26.9
9:00 AM	79	5	6	15	30	18	4	0	0	0	1	0	0	0	26.7
10:00 AM	79	2	4	23	35	13	1	0	0	0	0	0	0	1	26.6
11:00 AM	105	2	4	21	51	24	3	0	0	0	0	0	0	0	27.3
12:00 PM	156	4	4	41	66	33	7	1	0	0	0	0	0	0	27.1
1:00 PM	142	0	4	30	69	34	5	0	0	0	0	0	0	0	27.5
2:00 PM	179	1	4	35	91	45	3	0	0	0	0	0	0	0	27.6
3:00 PM	188	1	3	32	95	52	5	0	0	0	0	0	0	0	27.9
4:00 PM	199	3	10	49	88	38	11	0	0	0	0	0	0	0	26.9
5:00 PM	188	2	4	37	90	52	3	0	0	0	0	0	0	0	27.5
6:00 PM	142	0	5	33	69	33	2	0	0	0	0	0	0	0	27.3
7:00 PM	93	1	4	18	45	23	2	0	0	0	0	0	0	0	27.5
8:00 PM	66	0	1	21	34	9	1	0	0	0	0	0	0	0	26.8
9:00 PM	47	0	0	9	25	8	5	0	0	0	0	0	0	0	28.2
10:00 PM	31	0	0	4	16	9	0	2	0	0	0	0	0	0	28.7
11:00 PM	19	0	1	2	6	5	4	1	0	0	0	0	0	0	30.5
Total	2039	22	70	429	959	474	77	5	1	0	1	0	0	1	27.5
%		1.1	3.4	21.0	47.0	23.2	3.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	
Average (Mean)		27.5 mph		Minimum 10.3 mph		Maximum 84.6 mph		Pace Range 22.7 - 32.7 mph 1621 vehicles (79.5 %)							
Percentile Speeds		<u>10%</u>		<u>15%</u>		<u>50%</u>		<u>85%</u>		<u>90%</u>					
		(mph)		22.4		23.3		27.4		31.6		32.7			
Speeds Exceeded		<u>25 mph</u>		<u>35 mph</u>		<u>45 mph</u>		<u>55 mph</u>		<u>65 mph</u>		<u>75 mph</u>			
		74.4 % (1518)		4.2 % (85)		0.1 % (3)		0.1 % (2)		0.0 % (1)		0.0 % (1)			

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Site Code: 1
SE Monroe St W-O SE 72nd Ave

EB															
Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classed	Total
04/30/15	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
01:00	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
05:00	0	5	2	0	1	0	0	0	0	0	0	0	0	0	8
06:00	0	13	4	2	2	0	0	0	0	0	0	0	0	0	21
07:00	0	37	5	4	6	1	0	0	0	0	0	0	0	1	54
08:00	0	42	12	3	6	0	0	0	0	0	0	0	0	0	63
09:00	0	32	8	0	0	0	0	0	0	0	0	0	0	1	41
10:00	0	28	3	0	4	0	0	0	0	0	0	0	0	0	35
11:00	1	30	9	1	6	0	0	1	0	0	0	0	0	2	50
12 PM	0	31	14	1	1	0	0	1	0	0	0	0	0	0	48
13:00	2	41	11	0	4	1	0	0	0	0	0	0	0	1	60
14:00	0	42	13	5	3	0	0	1	0	0	0	0	0	0	64
15:00	0	50	10	1	4	0	0	1	0	0	0	0	0	1	67
16:00	0	55	15	1	1	0	0	0	0	0	0	0	0	3	75
17:00	1	54	13	2	2	0	0	0	0	0	0	0	0	0	72
18:00	0	65	12	1	3	0	0	0	0	0	0	0	0	0	81
19:00	0	37	9	0	2	0	0	0	0	0	0	0	0	1	49
20:00	0	24	9	0	2	0	0	0	0	0	0	0	0	0	35
21:00	0	14	4	0	1	0	0	0	0	0	0	0	0	0	19
22:00	0	15	4	0	0	0	0	0	0	0	0	0	0	1	20
23:00	0	13	2	0	0	0	0	0	0	0	0	0	0	0	15
Total	4	636	161	21	48	2	0	4	0	0	0	0	0	11	887
Percent	0.5%	71.7%	18.2%	2.4%	5.4%	0.2%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	1.2%	
AM Peak	11:00	08:00	08:00	07:00	07:00	07:00		11:00						11:00	
Vol.	1	42	12	4	6	1		1						2	
PM Peak	13:00	18:00	16:00	14:00	13:00	13:00		12:00						16:00	
Vol.	2	65	15	5	4	1		1						3	
Grand Total	4	636	161	21	48	2	0	4	0	0	0	0	0	11	887
Percent	0.5%	71.7%	18.2%	2.4%	5.4%	0.2%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	1.2%	

All Traffic Data
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Site Code: 1
SE Monroe St W-O SE 72nd Ave

EB	Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	85th Percent	95th Percent
		15	20	25	30	35	40	45	50	55	60	65	70	75	999			
	04/30/15	0	0	0	1	1	2	0	0	0	0	0	0	0	0	4	38	39
	01:00	0	0	0	2	1	0	0	0	1	0	0	0	0	0	4	52	53
	02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
	04:00	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2	33	34
	05:00	0	0	1	4	0	3	0	0	0	0	0	0	0	0	8	38	39
	06:00	0	0	3	6	7	3	2	0	0	0	0	0	0	0	21	38	42
	07:00	2	0	6	22	20	3	1	0	0	0	0	0	0	0	54	33	37
	08:00	0	2	15	21	20	5	0	0	0	0	0	0	0	0	63	33	36
	09:00	1	0	3	19	13	5	0	0	0	0	0	0	0	0	41	34	37
	10:00	0	0	4	22	7	1	0	1	0	0	0	0	0	0	35	32	36
	11:00	3	3	9	20	12	3	0	0	0	0	0	0	0	0	50	33	35
	12 PM	0	0	10	18	14	5	1	0	0	0	0	0	0	0	48	34	38
	13:00	3	1	8	30	13	4	1	0	0	0	0	0	0	0	60	33	37
	14:00	1	0	8	34	16	5	0	0	0	0	0	0	0	0	64	33	36
	15:00	3	3	9	27	18	6	0	1	0	0	0	0	0	0	67	34	38
	16:00	3	0	0	25	34	13	0	0	0	0	0	0	0	0	75	35	38
	17:00	0	0	5	26	25	14	2	0	0	0	0	0	0	0	72	36	39
	18:00	2	0	7	31	36	4	1	0	0	0	0	0	0	0	81	34	36
	19:00	1	0	5	20	20	1	0	1	1	0	0	0	0	0	49	33	37
	20:00	0	0	6	12	11	4	2	0	0	0	0	0	0	0	35	35	40
	21:00	0	0	3	7	8	1	0	0	0	0	0	0	0	0	19	33	35
	22:00	1	0	1	8	10	0	0	0	0	0	0	0	0	0	20	33	34
	23:00	0	0	2	6	6	1	0	0	0	0	0	0	0	0	15	33	36
	Total	20	9	105	362	293	83	10	3	2	0	0	0	0	0	887		
	Percent	2.3%	1.0%	11.8%	40.8%	33.0%	9.4%	1.1%	0.3%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%			
	AM Peak	11:00	11:00	08:00	07:00	07:00	08:00	06:00	10:00	01:00						08:00		
	Vol.	3	3	15	22	20	5	2	1	1						63		
	PM Peak	13:00	15:00	12:00	14:00	18:00	17:00	17:00	15:00	19:00						18:00		
	Vol.	3	3	10	34	36	14	2	1	1						81		
	Grand Total	20	9	105	362	293	83	10	3	2	0	0	0	0	0	887		
	Percent	2.3%	1.0%	11.8%	40.8%	33.0%	9.4%	1.1%	0.3%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%			
				15th Percentile :		24 MPH												
				50th Percentile :		29 MPH												
				85th Percentile :		34 MPH												
				95th Percentile :		38 MPH												
Statistics		10	MPH Pace Speed :		26-35	MPH												
			Number in Pace :		655													
			Percent in Pace :		73.8%													
			Number of Vehicles > 55 MPH :		0													
			Percent of Vehicles > 55 MPH :		0.0%													
			Mean Speed(Average) :		30 MPH													

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Site Code: 1
SE Monroe St W-O SE 77th Ave

EB	Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	85th Percent	95th Percent		
	09/15/15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*		
	01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*		
	02:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	29	29		
	03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*		
	04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*		
	05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*		
	06:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	12	14		
	07:00	1	1	2	0	0	0	0	0	0	0	0	0	0	0	4	23	24		
	08:00	6	1	0	0	0	0	0	0	0	0	0	0	0	0	7	14	18		
	09:00	6	2	1	0	0	0	0	0	0	0	0	0	0	0	9	19	22		
	10:00	3	1	0	0	0	0	0	0	0	0	0	0	0	0	4	17	19		
	11:00	1	2	0	2	0	0	0	0	0	0	0	0	0	0	5	28	29		
	12 PM	4	0	3	0	0	0	0	0	0	0	0	0	0	0	7	23	24		
	13:00	5	1	0	0	0	0	0	0	0	0	0	0	0	0	6	15	18		
	14:00	3	1	1	0	0	0	0	0	0	0	0	0	0	0	5	21	23		
	15:00	5	2	1	0	0	0	0	0	0	0	0	0	0	0	8	19	22		
	16:00	1	2	0	0	0	0	0	0	0	0	0	0	0	0	3	18	19		
	17:00	2	1	3	0	0	0	0	0	0	0	0	0	0	0	6	23	24		
	18:00	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3	19	19		
	19:00	3	3	0	0	0	0	0	0	0	0	0	0	0	0	6	18	19		
	20:00	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3	19	19		
	21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*		
	22:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	12	14		
	23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*		
	Total	44	23	11	3	0	0	0	0	0	0	0	0	0	0	81				
	Percent	54.3%	28.4%	13.6%	3.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%					
	AM Peak	08:00	09:00	07:00	11:00														09:00	
	Vol.	6	2	2	2														9	
	PM Peak	13:00	18:00	12:00															15:00	
	Vol.	5	3	3															8	
	Grand Total	44	23	11	3	0	0	0	0	0	0	0	0	0	0	81				
	Percent	54.3%	28.4%	13.6%	3.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%					
				15th Percentile :		4 MPH														
				50th Percentile :		13 MPH														
				85th Percentile :		20 MPH														
				95th Percentile :		24 MPH														
	Statistics	10	MPH Pace Speed :		11-20	MPH														
			Number in Pace :		38															
			Percent in Pace :		46.9%															
			Number of Vehicles > 55 MPH :		0															
			Percent of Vehicles > 55 MPH :		0.0%															
			Mean Speed(Average) :		14 MPH															

TRAFFIC ANALYSIS REPORT

For Project: Stanley Avenue SO Monroe
Location/Name: Northbound Direction
Report Generated: 6/14/2017 16:40
Speed Intervals 1 mph
Time Intervals 0 minutes

Traffic Report From 6/5/2017 4:23:19 PM through 6/14/2017 2:28:17 PM

85th Percentile Speed 29 mph
85th Percentile Vehicles 4,621 counts
Max Speed 44.0 mph on 6/9/2017 1:59:57 PM
Total Vehicles 5,437 count
AADT: 610

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		539	558
AM peak	7:00 to 8:00	28	33
PM peak	6:00 to 7:00	67	61

Speed

Speed limit: 25 mph
85th Percentile Speed: 29 mph
Average Speed: 24.7 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	381	454	354	271	239	327	304
% over limit	38.9	38.7	39.2	46.6	40.5	52.2	51.8
Avg speeder	28.6	28.7	28.6	29.1	28.7	28.8	29.2

Class counts

	Number	%
VEH_SM	16	0.3
VEH_MED	5,278	97.1
VEH_LG	143	2.6

[VEH_SM = motorcycle, VEH_MED = sedan, VEH_LG = truck]

TRAFFIC ANALYSIS REPORT

For Project: Stanley Avenue SO Monroe
Location/Name: Southbound Direction
Report Generated: 6/14/2017 16:43
Speed Intervals 1 mph
Time Intervals 0 minutes

Traffic Report From 6/5/2017 4:24:52 PM through 6/14/2017 2:28:32 PM

85th Percentile Speed 30 mph
85th Percentile Vehicles 6,745 counts
Max Speed 56.0 mph on 6/9/2017 11:17:24 PM
Total Vehicles 7,935 count
AADT: 890 59% percent SB

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		856	802
AM peak	7:00 to 8:00	152	112
PM peak	2:00 to 3:00	115	95

Speed

Speed limit: 25 mph
85th Percentile Speed: 30 mph
Average Speed: 26.4 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	691	1,065	876	582	593	406	467
% over limit	54.9	57.6	57.3	59.6	60.2	61.8	68.7
Avg speeder	29.0	29.0	29.0	29.1	29.1	29.4	29.3

Class counts

	Number	%
VEH_SM	66	0.8
VEH_MED	7,679	96.8
VEH_LG	190	2.4

[VEH_SM = motorcycle, VEH_MED = sedan, VEH_LG = truck]

All Traffic Data
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Vancouver, WA. 98683
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Site Code: 1
SE Thompson Rd W-O SE 74th Ave

EB																	
Start	1	16	21	26	31	36	41	46	51	56	61	66	71	76		85th	95th
Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Percent	Percent
09/15/15	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2	33	34
01:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	39	39
02:00	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2	28	29
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	2	2	2	2	0	0	0	0	0	0	0	0	8	37	39
05:00	0	0	4	3	1	0	0	0	0	0	0	0	0	0	8	29	32
06:00	0	2	9	4	3	0	0	0	0	0	0	0	0	0	18	30	33
07:00	9	27	14	6	3	0	0	0	0	0	0	0	0	0	59	25	30
08:00	31	22	6	3	0	0	0	0	0	0	0	0	0	0	62	19	24
09:00	3	16	11	0	1	0	0	0	0	0	0	0	0	0	31	23	24
10:00	7	18	12	1	0	0	0	0	0	0	0	0	0	0	38	23	24
11:00	7	22	13	4	0	0	0	0	0	0	0	0	0	0	46	23	27
12 PM	8	13	13	4	0	0	0	0	0	0	0	0	0	0	38	24	27
13:00	8	27	12	6	0	0	0	0	0	0	0	0	0	0	53	24	27
14:00	47	36	11	1	0	0	0	0	0	0	0	0	0	0	95	19	23
15:00	10	31	24	9	3	0	0	0	0	0	0	0	0	0	77	25	29
16:00	7	29	42	12	3	0	0	0	0	0	0	0	0	0	93	25	29
17:00	8	21	50	15	0	0	0	0	0	0	0	0	0	0	94	25	28
18:00	3	11	28	17	2	0	0	0	0	0	0	0	0	0	61	27	29
19:00	3	4	20	9	0	0	0	0	0	0	0	0	0	0	36	26	29
20:00	0	3	16	7	1	0	0	0	0	0	0	0	0	0	27	27	29
21:00	1	2	9	6	0	0	0	0	0	0	0	0	0	0	18	27	29
22:00	0	0	4	6	0	0	0	0	0	0	0	0	0	0	10	28	29
23:00	0	1	7	5	0	0	0	0	0	0	0	0	0	0	13	28	29
Total	152	286	307	122	20	3	0	0	0	0	0	0	0	0	890		
Percent	17.1%	32.1%	34.5%	13.7%	2.2%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	07:00	07:00	07:00	06:00	04:00									08:00		
Vol.	31	27	14	6	3	2									62		
PM Peak	14:00	14:00	17:00	18:00	15:00										14:00		
Vol.	47	36	50	17	3										95		
Grand Total	152	286	307	122	20	3	0	0	0	0	0	0	0	0	890		
Percent	17.1%	32.1%	34.5%	13.7%	2.2%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
Statistics																	
10 MPH Pace Speed : 16-25 MPH																	
Number in Pace : 593																	
Percent in Pace : 66.6%																	
Number of Vehicles > 55 MPH : 0																	
Percent of Vehicles > 55 MPH : 0.0%																	
Mean Speed(Average) : 20 MPH																	