

Armit Avenue and Second Street

Justification	Guidance	Hour Ending								No of Hours w/ Compliance		Average Compliance %	8hr traffic Vol.
		8:00am	9:00am	12:00am	1:00pm	3:00pm	4:00pm	5:00pm	6:00pm	>100%	>80%		
1A	Total Traffic Volume Entering Intersection (vph) (2 way total)	319	593	463	441	433	549	496	504				3798
	Compliance % (=vol*100)/720)	44.31	82.36	64.31	61.25	60.14	76.25	68.89	70.00	8	7	65.94	
1B	Crossing Travffic Volume (vph) (2 way total)	68	148	105	105	115	143	131	88				903
	Compliance % (=vol*100)/170)	40.00	87.06	61.76	61.76	67.65	84.12	77.06	51.76	8	8	66.40	4701

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		8:00am	9:00am	12:00am	1:00pm	3:00pm	4:00pm	5:00pm	6:00pm	>100%	>80%	
2A	Total Traffic Volume Entering Intersection (vph) (2 way total)	313	585	455	419	424	538	488	492			
	Compliance % (=vol*100)/720)	43.47	81.25	63.19	58.19	58.89	74.72	67.78	68.33	8	7	64.48
2B	Crossing Travffic Volume (vph) (2 way total)	42	122	97	93	97	160	119	82			
	Compliance % (=vol*100)/170)	24.71	71.76	57.06	54.71	57.06	94.12	70.00	48.24	8	7	59.71

Justification	Guidance	Hour Ending								8hr Ped Volume
		8:00am	9:00am	12:00am	1:00pm	3:00pm	4:00pm	5:00pm	6:00pm	
5	Total No. of pedestrians entering the intersection	6	35	15	8	17	70	29	15	195

Crowe Avenue and Second Street

Justification	Guidance	Hour Ending								No of Hours w/ Compliance			8hr traffic Vol.
		8:00am	9:00am	12:00am	1:00pm	3:00pm	4:00pm	5:00pm	6:00pm	>100%	>80%		
1A	Total Traffic Volume Entering Intersection (vph) (2 way total)	331	546	422	404	440	497	501	237			Average Compliance %	3378
	Compliance % (= (vol*100)/720)	45.97	75.83	58.61	56.11	61.11	69.03	69.58	32.92	8.00	8.00	58.65	
1B	Crossing Travffic Volume (vph) (2 way total)	76	108	81	96	65	94	65	66				651
	Compliance % (= (vol*100)/170)	44.71	63.53	47.65	56.47	38.24	55.29	38.24	38.82	8.00	8.00	47.87	4029

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		8:00am	9:00am	12:00am	1:00pm	3:00pm	4:00pm	5:00pm	6:00pm	>100%	>80%	
2A	Total Traffic Volume Entering Intersection (vph) (2 way total)	319	549	406	391	438	497	509	237			Average Compliance %
	Compliance % (= (vol*100)/720)	44.31	76.25	56.39	54.31	60.83	69.03	70.69	32.92	8.00	8.00	58.09
2B	Crossing Travffic Volume (vph) (2 way total)	30	127	36	67	53	120	46	60			
	Compliance % (= (vol*100)/170)	17.65	74.71	21.18	39.41	31.18	70.59	27.06	35.29	8.00	8.00	39.63

Justification	Guidance	Hour Ending								8hr Ped Volume
		8:00am	9:00am	12:00am	1:00pm	3:00pm	4:00pm	5:00pm	6:00pm	
5	Total No. of pedestrians entering the intersection	8	52	6	15	15	63	12	4	175

Armit Avenue and Scott Street*

Justification	Guidance	Hour Ending								No of Hours w/ Compliance		
		8:00am	9:00am	12:00am	1:00pm	3:00pm	4:00pm	5:00pm	6:00pm	>100%	>80%	
1A	Total Traffic Volume Entering Intersection (vph) (2 way total)	199	385	427	493	493	461	639	434			Average Compliance %
	Compliance % (=(vol*100)/720)	27.64	53.47	59.31	68.47	68.47	64.03	88.75	60.28	8.00	8.00	61.30
1B	Crossing Travffic Volume (vph) (2 way total)	93	151	191	214	246	249	262	222			
	Compliance % (=(vol*100)/170)	54.71	88.82	112.35	125.88	144.71	146.47	154.12	130.59	2.00	1.00	119.71

* Average Compliance percentage surpasses 100% Therefore traffic signals are Justified at step 1