

Lane Group	WBL	WBR	NBL	NBT	NBR	SBU	SBL	SBT	SBR	NEU	NEL	NER
Lane Configurations												
Volume (vph)	129	0	4	14	2	73	3	33	708	52	824	3
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (m)	0.0	0.0	0.0		0.0		0.0		30.0		0.0	0.0
Storage Lanes	1	0	0		0		1		1		2	0
Taper Length (m)	2.5		2.5				2.5				2.5	
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.95	0.97	0.95
Frt				0.987					0.850		0.999	
Flt Protected	0.950			0.991			0.950				0.953	
Satd. Flow (prot)	1750	0	0	1676	0	0	1784	1879	1566	0	3402	0
Flt Permitted	0.950			0.991			0.950				0.953	
Satd. Flow (perm)	1750	0	0	1676	0	0	1784	1879	1566	0	3402	0
Link Speed (k/h)	48			48				48			48	
Link Distance (m)	41.7			163.8				93.4			143.4	
Travel Time (s)	3.1			12.3				7.0			10.8	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles (%)	2%	2%	2%	13%	0%	0%	2%	0%	2%	2%	2%	0%
Adj. Flow (vph)	140	0	4	15	2	79	3	36	770	57	896	3
Shared Lane Traffic (%)												
Lane Group Flow (vph)	140	0	0	21	0	0	82	36	770	0	957	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Right	R NA	Left	Left	Right	R NA	Left	Right
Median Width(m)	3.5			0.0				4.0			9.0	
Link Offset(m)	0.0			0.0				0.0			0.0	
Crosswalk Width(m)	1.6			1.6				1.6			1.6	
Two way Left Turn Lane												
Headway Factor	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01
Turning Speed (k/h)	24	14	24		14	14	24		14	14	24	14
Sign Control	Yield			Yield				Yield			Yield	

Intersection Summary			
Area Type:	Other		
Control Type: Roundabout			
Intersection Capacity Utilization	53.8%	ICU Level of Service	A
Analysis Period (min)	15		



Lane Group	NER2
Lane Configurations	
Volume (vph)	1
Ideal Flow (vphpl)	1900
Storage Length (m)	
Storage Lanes	
Taper Length (m)	
Lane Util. Factor	0.95
Frt	
Flt Protected	
Satd. Flow (prot)	0
Flt Permitted	
Satd. Flow (perm)	0
Link Speed (k/h)	
Link Distance (m)	
Travel Time (s)	
Peak Hour Factor	0.92
Heavy Vehicles (%)	0%
Adj. Flow (vph)	1
Shared Lane Traffic (%)	
Lane Group Flow (vph)	0
Enter Blocked Intersection	No
Lane Alignment	Right
Median Width(m)	
Link Offset(m)	
Crosswalk Width(m)	
Two way Left Turn Lane	
Headway Factor	1.01
Turning Speed (k/h)	14
Sign Control	

Intersection Summary

Lane Group	NBL	NBR	SET	SER	NWL	NWT
Lane Configurations						
Volume (vph)	0	2	815	1	0	953
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	0.95	0.95	1.00	0.95
Frt		0.865				
Flt Protected						
Satd. Flow (prot)	0	1593	3500	0	0	3500
Flt Permitted						
Satd. Flow (perm)	0	1593	3500	0	0	3500
Link Speed (k/h)	48		48			48
Link Distance (m)	91.2		89.4			113.0
Travel Time (s)	6.8		6.7			8.5
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	0	2	886	1	0	1036
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	2	887	0	0	1036
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Right	Left	Left
Median Width(m)	0.0		0.0			0.0
Link Offset(m)	0.0		0.0			0.0
Crosswalk Width(m)	1.6		1.6			1.6
Two way Left Turn Lane						
Headway Factor	1.01	1.01	1.01	1.01	1.01	1.01
Turning Speed (k/h)	24	14		14	24	
Sign Control	Yield		Free			Free

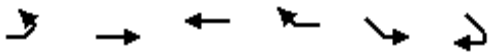
Intersection Summary			
Area Type:	Other		
Control Type: Unsignalized			
Intersection Capacity Utilization 32.6%		ICU Level of Service A	
Analysis Period (min) 15			

Lane Group	SEL	SET	NWT	NWR	SWL	SWR
Lane Configurations		↑↑↑	↑↑	↱		↱
Volume (vph)	0	816	907	46	0	44
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (m)	0.0			30.0	0.0	20.0
Storage Lanes	0			1	0	0
Taper Length (m)	2.5				2.5	
Lane Util. Factor	1.00	0.91	0.95	1.00	1.00	1.00
Frt				0.850	0.865	0.865
Flt Protected						
Satd. Flow (prot)	0	5029	3500	1597	0	1593
Flt Permitted						
Satd. Flow (perm)	0	5029	3500	1597	0	1593
Link Speed (k/h)		48	48		48	
Link Distance (m)		55.3	89.4		110.1	
Travel Time (s)		4.1	6.7		8.3	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles (%)	0%	2%	2%	0%	2%	2%
Adj. Flow (vph)	0	887	986	50	0	48
Shared Lane Traffic (%)						10%
Lane Group Flow (vph)	0	887	986	50	5	43
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Left	Left	Right	Left	Right
Median Width(m)		0.0	0.0		0.0	
Link Offset(m)		0.0	0.0		0.0	
Crosswalk Width(m)		1.6	1.6		1.6	
Two way Left Turn Lane						
Headway Factor	1.01	1.01	1.01	1.01	1.01	1.01
Turning Speed (k/h)	24			14	24	14
Sign Control		Free	Free		Yield	

Intersection Summary			
Area Type:	Other		
Control Type: Unsignalized			
Intersection Capacity Utilization 35.1%		ICU Level of Service A	
Analysis Period (min) 15			

Lane Group	SEL	SET	NWT	NWR	SWL	SWR
Lane Configurations						
Volume (vph)	43	694	778	173	122	225
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (m)	30.0			0.0	0.0	0.0
Storage Lanes	1			1	1	0
Taper Length (m)	10.0				2.5	
Lane Util. Factor	1.00	0.95	0.95	1.00	1.00	1.00
Frt				0.850	0.912	
Flt Protected	0.950				0.983	
Satd. Flow (prot)	1750	3500	3500	1566	1651	0
Flt Permitted	0.950				0.983	
Satd. Flow (perm)	1750	3500	3500	1566	1651	0
Link Speed (k/h)		48	48		48	
Link Distance (m)		107.9	55.3		36.1	
Travel Time (s)		8.1	4.1		2.7	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	47	754	846	188	133	245
Shared Lane Traffic (%)						
Lane Group Flow (vph)	47	754	846	188	378	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Left	Left	Right	Left	Right
Median Width(m)		3.5	0.0		3.5	
Link Offset(m)		0.0	2.5		0.0	
Crosswalk Width(m)		1.6	1.6		1.6	
Two way Left Turn Lane						
Headway Factor	1.01	1.01	1.01	1.01	1.01	1.01
Turning Speed (k/h)	24			14	24	14
Sign Control		Free	Free		Yield	

Intersection Summary			
Area Type:	Other		
Control Type: Unsignalized			
Intersection Capacity Utilization	55.4%	ICU Level of Service	B
Analysis Period (min)	15		



Lane Group	EBL	EBT	WBT	WBR	SEL	SER
Lane Configurations						
Volume (vph)	0	8	129	42	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt			0.967			
Flt Protected						
Satd. Flow (prot)	0	1842	1760	0	0	0
Flt Permitted						
Satd. Flow (perm)	0	1842	1760	0	0	0
Link Speed (k/h)		48	48		48	
Link Distance (m)		41.7	99.0		116.7	
Travel Time (s)		3.1	7.4		8.8	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles (%)	2%	2%	4%	1%	2%	2%
Adj. Flow (vph)	0	9	140	46	0	0
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	9	186	0	0	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Left	Left	Right	Left	Right
Median Width(m)		0.0	0.0		0.0	
Link Offset(m)		0.0	0.0		0.0	
Crosswalk Width(m)		1.6	1.6		1.6	
Two way Left Turn Lane						
Headway Factor	1.01	1.01	1.01	1.01	1.01	1.01
Turning Speed (k/h)	24			14	24	14
Sign Control		Free	Free		Free	

Intersection Summary			
Area Type:	Other		
Control Type: Unsignalized			
Intersection Capacity Utilization 12.7%		ICU Level of Service A	
Analysis Period (min) 15			



Lane Group	NBT	NBR	SBL	SBT	NWL	NWR
Lane Configurations						
Volume (vph)	911	0	0	817	0	42
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	0.95	1.00	1.00	0.95	1.00	1.00
Frt						0.865
Flt Protected						
Satd. Flow (prot)	3535	0	0	3500	0	1593
Flt Permitted						
Satd. Flow (perm)	3535	0	0	3500	0	1593
Link Speed (k/h)	48			48	48	
Link Distance (m)	93.4			113.0	116.7	
Travel Time (s)	7.0			8.5	8.8	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles (%)	1%	0%	2%	2%	2%	2%
Adj. Flow (vph)	990	0	0	888	0	46
Shared Lane Traffic (%)						
Lane Group Flow (vph)	990	0	0	888	0	46
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	Right
Median Width(m)	0.0			0.0	0.0	
Link Offset(m)	0.0			0.0	0.0	
Crosswalk Width(m)	1.6			1.6	1.6	
Two way Left Turn Lane						
Headway Factor	1.01	1.01	1.01	1.01	1.01	1.01
Turning Speed (k/h)		14	24		24	14
Sign Control	Free			Free	Yield	

Intersection Summary			
Area Type:	Other		
Control Type: Unsignalized			
Intersection Capacity Utilization 35.2%		ICU Level of Service A	
Analysis Period (min) 15			