Lane Group	WBL	WBR	NBL	NBT	NBR	SBU	SBL	SBT	SBR	NEU	NEL	NER
Lane Configurations												
Volume (vph)	115	0	12	22	10	81	0	10	751	12	688	2
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				0.969					0.850		0.999	
Flt Protected	0.950			0.987			0.950				0.953	
Satd. Flow (prot)	1750	0	0	1679	0	0	1750	1842	1566	0	3402	0
Flt Permitted	0.950			0.987			0.950				0.953	
Satd. Flow (perm)	1750	0	0	1679	0	0	1750	1842	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%	2%	2%	2%	2%	2%	2%	2%
Adj. Flow (vph)	125	0	13	24	11	88	0	11	816	13	748	2
Shared Lane Traffic (%)												
Lane Group Flow (vph)	125	0	0	48	0	0	88	11	816	0	766	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 56.5%		ICU Level of Service B	
Analysis Period (min) 15			



Lane Group	NER2
Lane Configurations	
Volume (vph)	3
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 (%)	2%
Adj. Flow (vph)	3
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	37	805	17	0	822
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	0.997			
Flt Protected						
Satd. Flow (prot)	0	1593	3489	0	0	3500
Flt Permitted						
Satd. Flow (perm)	0	1593	3489	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	40	875	18	0	893
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	40	893	0	0	893
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 32.8%		ICU Level of Service A	
Analysis Period (min) 15			

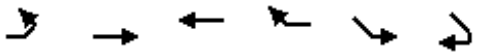


Lane Group	SEL	SET	NWT	NWR	SWL	SWR
Lane Configurations						
Volume (vph)	0	822	787	35	0	32
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Storage Length (m)	0.0			30.0	0.0	20.0
Storage Lanes	0			1	0	0
Taper Length (m)	2.5				2.5	
Lane Util. Factor	1.00	0.91	0.95	1.00	1.00	1.00
Frt				0.850	0.865	0.865
Flt Protected						
Satd. Flow (prot)	0	5029	3535	1597	0	1593
Flt Permitted						
Satd. Flow (perm)	0	5029	3535	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 (%)	2%	2%	1%	0%	2%	2%
Adj. Flow (vph)	0	893	855	38	0	35
Shared Lane Traffic (%)						10%
Lane Group Flow (vph)	0	893	855	38	4	31
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 31.8%		ICU Level of Service A	
Analysis Period (min) 15			

Lane Group	SEL	SET	NWT	NWR	SWL	SWR
Lane Configurations						
Volume (vph)	28	740	719	100	82	90
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	0.929	
Flt Protected	0.950				0.977	
Satd. Flow (prot)	1750	3500	3500	1566	1672	0
Flt Permitted	0.950				0.977	
Satd. Flow (perm)	1750	3500	3500	1566	1672	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)	30	804	782	109	89	98
Shared Lane Traffic (%)						
Lane Group Flow (vph)	30	804	782	109	187	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 40.0%		ICU Level of Service A	
Analysis Period (min) 15			



Lane Group	EBL	EBT	WBT	WBR	SEL	SER
Lane Configurations						
Volume (vph)	0	12	115	31	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			0.971			
Flt Protected						
Satd. Flow (prot)	0	1842	1769	0	0	0
Flt Permitted						
Satd. Flow (perm)	0	1842	1769	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%	0%	2%	2%
Adj. Flow (vph)	0	13	125	34	0	0
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	13	159	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 11.3%		ICU Level of Service A	
Analysis Period (min) 15			

Lane Group	NBT	NBR	SBL	SBT	NWL	NWR
Lane Configurations						
Volume (vph)	791	0	0	842	0	31
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)	3500	0	0	3500	0	1593
Flt Permitted						
Satd. Flow (perm)	3500	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
Adj. Flow (vph)	860	0	0	915	0	34
Shared Lane Traffic (%)						
Lane Group Flow (vph)	860	0	0	915	0	34
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 31.9%		ICU Level of Service A	
Analysis Period (min) 15			