

Lanes, Volumes, Timings

31:

13/11/2015



Lane Group	SEL	SET	NWT	NWR	SWL	SWR
Lane Configurations			↑↑	↑		
Volume (vph)	0	0	549	1781	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	0.95	1.00	1.00	1.00
Frt				0.850		
Flt Protected						
Satd. Flow (prot)	0	0	3610	1615	0	0
Flt Permitted						
Satd. Flow (perm)	0	0	3610	1615	0	0
Link Speed (k/h)		50	50		50	
Link Distance (m)		37.8	62.6		44.5	
Travel Time (s)		2.7	4.5		3.2	
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96
Adj. Flow (vph)	0	0	572	1855	0	0
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	0	572	1855	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)		4.8	4.8		4.8	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Sign Control		Stop	Free		Stop	

Intersection Summary

Area Type:	Other
Control Type:	Unsignalized
Intersection Capacity Utilization	113.6%
ICU Level of Service	H
Analysis Period (min)	15

# Lanes, Volumes, Timings

33:

13/11/2015



Lane Group	SEL	SET	NWT	NWR	SWL	SWR
Lane Configurations			↑↑			↗
Volume (vph)	0	0	549	0	0	1433
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	0.95	1.00	1.00	1.00
Flt						0.865
Flt Protected						
Satd. Flow (prot)	0	0	3610	0	0	1644
Flt Permitted						
Satd. Flow (perm)	0	0	3610	0	0	1644
Link Speed (k/h)		50	50		50	
Link Distance (m)		65.4	37.8		44.9	
Travel Time (s)		4.7	2.7		3.2	
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96
Adj. Flow (vph)	0	0	572	0	0	1493
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	0	572	0	0	1493
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)		4.8	4.8		4.8	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Sign Control		Stop	Free		Free	

## Intersection Summary

Area Type:	Other
Control Type:	Unsignalized
Intersection Capacity Utilization	113.6%
ICU Level of Service	H
Analysis Period (min)	15

# Lanes, Volumes, Timings

37:

13/11/2015



Lane Group	EBL	EBR	SET	SER	NWL	NWT
Lane Configurations					↖	↗↗
Volume (vph)	0	0	0	0	1341	641
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	0.95
Frt						
Flt Protected					0.950	
Satd. Flow (prot)	0	0	0	0	1805	3610
Flt Permitted					0.950	
Satd. Flow (perm)	0	0	0	0	1805	3610
Link Speed (k/h)	50		50			50
Link Distance (m)	42.7		58.3			48.7
Travel Time (s)	3.1		4.2			3.5
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96
Adj. Flow (vph)	0	0	0	0	1397	668
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	0	0	0	1397	668
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Right	Left	Left
Median Width(m)	0.0		3.5			3.5
Link Offset(m)	0.0		3.5			-3.5
Crosswalk Width(m)	4.8		4.8			4.8
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Sign Control	Stop		Stop			Free

## Intersection Summary

Area Type:	Other
Control Type:	Unsignalized
Intersection Capacity Utilization	127.3%
Analysis Period (min)	15
	ICU Level of Service H

# Lanes, Volumes, Timings

38:

13/11/2015



Lane Group	SBL	SBR	SEL	SET	NWT	NWR
Lane Configurations						
Volume (vph)	1341	0	0	2400	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	1.00	0.91	1.00	1.00
Frt						
Flt Protected	0.950					
Satd. Flow (prot)	1805	0	0	5187	0	0
Flt Permitted	0.950					
Satd. Flow (perm)	1805	0	0	5187	0	0
Link Speed (k/h)	50			50	50	
Link Distance (m)	42.7			60.1	51.8	
Travel Time (s)	3.1			4.3	3.7	
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96
Adj. Flow (vph)	1397	0	0	2500	0	0
Shared Lane Traffic (%)						
Lane Group Flow (vph)	1397	0	0	2500	0	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	L NA	Right	Left	Left	Left	Right
Median Width(m)	3.5			0.0	0.0	
Link Offset(m)	0.0			0.0	0.0	
Crosswalk Width(m)	4.8			4.8	4.8	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Sign Control	Yield			Free	Stop	

## Intersection Summary

Area Type:	Other
Control Type:	Unsignalized
Intersection Capacity Utilization	127.3%
Analysis Period (min)	15
	ICU Level of Service H

# Lanes, Volumes, Timings

41:

13/11/2015



Lane Group	NBL	NBR	SET	SER	NWL	NWT
Lane Configurations			↑↑	↑		
Volume (vph)	0	0	2717	1024	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	0.95	1.00	1.00	1.00
Frt				0.850		
Flt Protected						
Satd. Flow (prot)	0	0	3610	1615	0	0
Flt Permitted						
Satd. Flow (perm)	0	0	3610	1615	0	0
Link Speed (k/h)	50		50			50
Link Distance (m)	33.3		60.8			68.1
Travel Time (s)	2.4		4.4			4.9
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96
Adj. Flow (vph)	0	0	2830	1067	0	0
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	0	2830	1067	0	0
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)	4.8		4.8			4.8
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Sign Control	Stop		Free			Free

## Intersection Summary

Area Type:	Other
Control Type:	Unsignalized
Intersection Capacity Utilization	122.7%
Analysis Period (min)	15
	ICU Level of Service H

# Lanes, Volumes, Timings

42:

13/11/2015



Lane Group	WBL	WBR	SBL	SBR	NEL	NER
Lane Configurations						
Volume (vph)	11	0	0	1024	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				0.865		
Flt Protected	0.950					
Satd. Flow (prot)	1805	0	0	1644	0	0
Flt Permitted	0.950					
Satd. Flow (perm)	1805	0	0	1644	0	0
Link Speed (k/h)	50		50		50	
Link Distance (m)	57.1		33.3		49.8	
Travel Time (s)	4.1		2.4		3.6	
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96
Adj. Flow (vph)	11	0	0	1067	0	0
Shared Lane Traffic (%)						
Lane Group Flow (vph)	11	0	0	1067	0	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	L NA	Right	Left	R NA	Left	Right
Median Width(m)	3.5		0.0		0.0	
Link Offset(m)	0.0		3.5		0.0	
Crosswalk Width(m)	4.8		4.8		4.8	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Sign Control	Yield		Free		Stop	

## Intersection Summary

Area Type:	Other
Control Type:	Unsignalized
Intersection Capacity Utilization	66.7%
Analysis Period (min)	15
	ICU Level of Service C

# Lanes, Volumes, Timings

45:

13/11/2015



Lane Group	EBL	EBR	SET	SER	NWL	NWT
Lane Configurations		↑	↑↑			
Volume (vph)	0	661	2717	0	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	0.95	1.00	1.00	1.00
Frt		0.865				
Flt Protected						
Satd. Flow (prot)	0	1644	3610	0	0	0
Flt Permitted						
Satd. Flow (perm)	0	1644	3610	0	0	0
Link Speed (k/h)	50		50			50
Link Distance (m)	47.8		68.1			43.5
Travel Time (s)	3.4		4.9			3.1
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96
Adj. Flow (vph)	0	689	2830	0	0	0
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	689	2830	0	0	0
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)	4.8		4.8			4.8
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Sign Control	Free		Free			Stop

## Intersection Summary

Area Type:	Other
Control Type:	Unsignalized
Intersection Capacity Utilization	122.7%
Analysis Period (min)	15
	ICU Level of Service H

# Lanes, Volumes, Timings

46:

13/11/2015



Lane Group	WBL	WBR	SBL	SBR	NEL	NER
Lane Configurations						
Volume (vph)	0	0	0	0	0	661
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Fr <sub>t</sub>						0.850
Fl <sub>t</sub> Protected						
Satd. Flow (prot)	0	0	0	0	1900	1615
Fl <sub>t</sub> Permitted						
Satd. Flow (perm)	0	0	0	0	1900	1615
Link Speed (k/h)	50		50		50	
Link Distance (m)	47.8		57.1		50.7	
Travel Time (s)	3.4		4.1		3.7	
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96
Adj. Flow (vph)	0	0	0	0	0	689
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	0	0	0	0	689
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Right	Left	Right
Median Width(m)	0.0		0.0		3.5	
Link Offset(m)	0.0		0.0		0.0	
Crosswalk Width(m)	4.8		4.8		4.8	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Sign Control	Stop		Stop		Free	

## Intersection Summary

Area Type:	Other
Control Type:	Unsignalized
Intersection Capacity Utilization	66.7%
Analysis Period (min)	15
	ICU Level of Service C



# Lanes, Volumes, Timings

48:

13/11/2015



Lane Group	WBL	WBR	SEL	SET	NWT	NWR
Lane Configurations			↶	↷		
Volume (vph)	0	0	1574	1804	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	1.00	0.95	1.00	1.00
Frt						
Flt Protected			0.950			
Satd. Flow (prot)	0	0	1805	3610	0	0
Flt Permitted			0.950			
Satd. Flow (perm)	0	0	1805	3610	0	0
Link Speed (k/h)	50			50	50	
Link Distance (m)	44.9			62.2	54.5	
Travel Time (s)	3.2			4.5	3.9	
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96
Adj. Flow (vph)	0	0	1640	1879	0	0
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	0	1640	1879	0	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Left	Left	Right
Median Width(m)	0.0			3.5	3.5	
Link Offset(m)	0.0			-3.5	3.5	
Crosswalk Width(m)	4.8			4.8	4.8	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Sign Control	Stop			Free	Stop	

## Intersection Summary

Area Type:	Other
Control Type:	Unsignalized
Intersection Capacity Utilization	51.0%
Analysis Period (min)	15
	ICU Level of Service A

# Lanes, Volumes, Timings

49:

13/11/2015



Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations				↑↑	↑	
Volume (vph)	0	0	0	756	1574	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	1.00	0.95	1.00	1.00
Frt						
Flt Protected					0.950	
Satd. Flow (prot)	0	0	0	3610	1805	0
Flt Permitted					0.950	
Satd. Flow (perm)	0	0	0	3610	1805	0
Link Speed (k/h)	50			50	50	
Link Distance (m)	61.7			56.4	44.9	
Travel Time (s)	4.4			4.1	3.2	
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96
Adj. Flow (vph)	0	0	0	788	1640	0
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	0	0	788	1640	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	R NA	L NA	Right
Median Width(m)	0.0			0.0	3.5	
Link Offset(m)	3.5			0.0	0.0	
Crosswalk Width(m)	4.8			4.8	4.8	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Sign Control	Stop			Free	Yield	

## Intersection Summary

Area Type:	Other
Control Type:	Unsignalized
Intersection Capacity Utilization	178.6%
Analysis Period (min)	15
	ICU Level of Service H

Lanes, Volumes, Timings

59:

13/11/2015



Lane Group	EBL	EBR	NEL	NET	SWT	SWR
Lane Configurations						
Volume (vph)	50	0	0	1781	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						
Flt Protected	0.950					
Satd. Flow (prot)	1805	0	0	1900	0	0
Flt Permitted	0.950					
Satd. Flow (perm)	1805	0	0	1900	0	0
Link Speed (k/h)	50			50	50	
Link Distance (m)	42.7			44.5	41.5	
Travel Time (s)	3.1			3.2	3.0	
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96
Adj. Flow (vph)	52	0	0	1855	0	0
Shared Lane Traffic (%)						
Lane Group Flow (vph)	52	0	0	1855	0	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	L NA	Right	Left	R NA	Left	Right
Median Width(m)	3.5			0.0	0.0	
Link Offset(m)	0.0			0.0	3.5	
Crosswalk Width(m)	4.8			4.8	4.8	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Sign Control	Yield			Free	Stop	

Intersection Summary

Area Type:	Other
Control Type:	Unsignalized
Intersection Capacity Utilization	175.8%
Analysis Period (min)	15
	ICU Level of Service H

Lanes, Volumes, Timings  
60: CARRERA 60 NS

13/11/2015



Lane Group	NBL	NBR	NET	NER	SWL	SWT
Lane Configurations						
Volume (vph)	0	0	0	0	50	1433
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						
Flt Protected					0.950	
Satd. Flow (prot)	0	0	0	0	1805	1900
Flt Permitted					0.950	
Satd. Flow (perm)	0	0	0	0	1805	1900
Link Speed (k/h)	50		50			50
Link Distance (m)	42.7		44.9			38.4
Travel Time (s)	3.1		3.2			2.8
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96
Adj. Flow (vph)	0	0	0	0	52	1493
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	0	0	0	52	1493
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Right	Left	Left
Median Width(m)	0.0		3.5			3.5
Link Offset(m)	0.0		0.0			0.0
Crosswalk Width(m)	4.8		4.8			4.8
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Sign Control	Free		Stop			Free

Intersection Summary

Area Type:	Other
Control Type:	Unsignalized
Intersection Capacity Utilization	175.8%
Analysis Period (min)	15
	ICU Level of Service H