

Appendix D

Existing and Future No Build Traffic Volumes



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SR 303 Corridor Study
Peak Hour Turn Movements (vph)

Intersection, Approach, Movement		AM Peak Hour			PM Peak Hour		
		Existing 2019	Mid-Term 2030	Horizon 2040	Existing 2019	Mid-Term 2030	Horizon 2040
1	Warren Avenue (SR 303)/ Burwell Street (SR 304)	1,630	1,890	2,120	1,740	2,015	2,255
	Eastbound	925	1,075	1,205	700	815	910
	left	525	610	685	415	485	540
	through	395	460	515	280	325	365
	right	5	5	5	5	5	5
	Westbound	225	260	295	550	635	715
	left	5	5	5	5	5	5
	through	175	205	230	345	400	450
	right	45	50	60	200	230	260
	Northbound	15	15	15	15	15	15
	left	5	5	5	5	5	5
	through	5	5	5	5	5	5
	right	5	5	5	5	5	5
Southbound	465	540	605	475	550	615	
left	150	175	195	90	105	115	
through	5	5	5	5	5	5	
right	310	360	405	380	440	495	
13	Warren Avenue (SR 303)/ 4th Street	1,085	1,260	1,415	1,165	1,350	1,515
	Eastbound	10	10	15	5	5	5
	left	0	0	0	0	0	0
	through	0	0	0	0	0	0
	right	10	10	15	5	5	5
	Westbound	20	25	25	45	50	60
	left	0	0	0	0	0	0
	through	0	0	0	0	0	0
	right	20	25	25	45	50	60
	Northbound	575	665	750	620	720	805
	left	0	0	0	0	0	0
	through	540	625	705	610	710	790
	right	35	40	45	10	10	15
Southbound	480	560	625	495	575	645	
left	0	0	0	0	0	0	
through	455	530	590	470	545	610	
right	25	30	35	25	30	35	
14	Warren Avenue (SR 303)/ 5th Street	1,055	1,225	1,375	1,230	1,430	1,600
	Eastbound	5	5	5	5	5	5
	left	0	0	0	0	0	0
	through	0	0	0	0	0	0
	right	5	5	5	5	5	5
	Westbound	5	5	5	60	70	80
	left	0	0	0	0	0	0
	through	0	0	0	0	0	0
	right	5	5	5	60	70	80
	Northbound	560	650	730	655	760	850
	left	0	0	0	0	0	0
	through	515	600	670	650	755	845
	right	45	50	60	5	5	5
Southbound	485	565	635	510	595	665	
left	0	0	0	0	0	0	
through	475	555	620	490	570	640	
right	10	10	15	20	25	25	
2	Warren Avenue (SR 303)/ 6th Street	1,680	1,950	2,190	2,715	3,150	3,535
	Eastbound	390	450	510	640	745	835
	left	135	155	175	335	390	435
	through	225	260	295	280	325	365
	right	30	35	40	25	30	35
	Westbound	190	220	250	750	865	980
	left	30	35	40	75	85	100
	through	130	150	170	600	695	780
	right	30	35	40	75	85	100
	Northbound	520	605	675	710	825	925
	left	25	30	35	250	290	325
	through	460	535	595	445	520	580
	right	35	40	45	15	15	20
Southbound	580	675	755	615	715	795	
left	65	75	85	65	75	85	
through	425	495	555	410	480	530	
right	90	105	115	140	160	180	

SR 303 Corridor Study
Peak Hour Turn Movements (vph)

Intersection, Approach, Movement	AM Peak Hour			PM Peak Hour		
	Existing 2019	Mid-Term 2030	Horizon 2040	Existing 2019	Mid-Term 2030	Horizon 2040
3 Warren Avenue (SR 303)/ 11th Street	2,795	3,235	3,640	4,155	4,820	5,415
Eastbound	785	910	1,020	1,250	1,450	1,630
left	570	660	740	925	1,075	1,205
through	190	220	245	295	340	385
right	25	30	35	30	35	40
Westbound	295	345	385	730	850	950
left	0	0	0	0	0	0
through	245	285	320	525	610	685
right	50	60	65	205	240	265
Northbound	625	720	815	860	995	1,120
left	10	10	15	65	75	85
through	600	695	780	780	905	1,015
right	15	15	20	15	15	20
Southbound	1,090	1,260	1,420	1,315	1,525	1,715
left	45	50	60	75	85	100
through	570	660	740	580	675	755
right	475	550	620	660	765	860
4 Warren Avenue (SR 303)/ 13th Street	2,600	3,015	3,380	3,680	4,270	4,785
Eastbound	165	190	215	260	305	345
left	145	170	190	210	245	275
through	5	5	5	25	30	35
right	15	15	20	25	30	35
Westbound	25	25	30	40	45	50
left	5	5	5	5	5	5
through	15	15	20	20	25	25
right	5	5	5	15	15	20
Northbound	1,220	1,415	1,585	1,910	2,215	2,480
left	0	0	0	0	0	0
through	1,215	1,410	1,580	1,905	2,210	2,475
right	5	5	5	5	5	5
Southbound	1,190	1,385	1,550	1,470	1,705	1,910
left	0	0	0	0	0	0
through	1,080	1,255	1,405	1,280	1,485	1,665
right	110	130	145	190	220	245
5 Warren Avenue (SR 303)/ 16th Street	2,905	3,375	3,780	3,880	4,500	5,045
Eastbound	90	105	120	170	200	220
left	60	70	80	115	135	150
through	0	0	0	0	0	0
right	30	35	40	55	65	70
Westbound	0	0	0	0	0	0
left	0	0	0	0	0	0
through	0	0	0	0	0	0
right	0	0	0	0	0	0
Northbound	1,360	1,580	1,770	2,130	2,470	2,770
left	235	275	305	120	140	155
through	1,125	1,305	1,465	2,010	2,330	2,615
right	0	0	0	0	0	0
Southbound	1,455	1,690	1,890	1,580	1,830	2,055
left	0	0	0	0	0	0
through	1,155	1,340	1,500	1,410	1,635	1,835
right	300	350	390	170	195	220
15 Wheaton Way (SR 303) SB Ramps/ Callahan Drive	155	185	200	205	245	270
Eastbound	0	0	0	0	0	0
left	0	0	0	0	0	0
through	0	0	0	0	0	0
right	0	0	0	0	0	0
Westbound	100	120	130	150	180	200
left	90	110	115	130	155	175
through	10	10	15	20	25	25
right	0	0	0	0	0	0
Northbound	0	0	0	0	0	0
left	0	0	0	0	0	0
through	0	0	0	0	0	0
right	0	0	0	0	0	0
Southbound	55	65	70	55	65	70
left	0	0	0	0	0	0
through	5	5	5	5	5	5
right	50	60	65	50	60	65

SR 303 Corridor Study
Peak Hour Turn Movements (vph)

Intersection, Approach, Movement	AM Peak Hour			PM Peak Hour		
	Existing 2019	Mid-Term 2030	Horizon 2040	Existing 2019	Mid-Term 2030	Horizon 2040
16 Wheaton Way (SR 303) NB Ramps/ Callahan Drive	355	415	465	425	495	560
Eastbound	0	0	0	0	0	0
left	0	0	0	0	0	0
through	0	0	0	0	0	0
right	0	0	0	0	0	0
Westbound	160	190	210	245	290	325
left	0	0	0	0	0	0
through	100	120	130	150	180	200
right	60	70	80	95	110	125
Northbound	195	225	255	180	205	235
left	0	0	0	0	0	0
through	20	25	25	40	45	50
right	175	200	230	140	160	185
Southbound	0	0	0	0	0	0
left	0	0	0	0	0	0
through	0	0	0	0	0	0
right	0	0	0	0	0	0
6 Wheaton Way (SR 303)/ Sheridan Road	2,885	3,355	3,755	4,100	4,750	5,330
Eastbound	235	275	310	245	280	315
left	25	30	35	65	75	85
through	30	35	40	40	45	50
right	180	210	235	140	160	180
Westbound	290	335	375	385	445	500
left	170	195	220	180	210	235
through	40	45	50	40	45	50
right	80	95	105	165	190	215
Northbound	1,070	1,245	1,395	2,080	2,415	2,705
left	80	95	105	155	180	200
through	880	1,020	1,145	1,715	1,990	2,230
right	110	130	145	210	245	275
Southbound	1,290	1,500	1,675	1,390	1,610	1,810
left	205	240	265	170	195	220
through	1,065	1,235	1,385	1,175	1,365	1,530
right	20	25	25	45	50	60
7 Wheaton Way (SR 303)/ Sylvan Way	2,630	3,045	3,420	3,900	4,525	5,080
Eastbound	280	320	365	300	350	390
left	75	85	100	95	110	125
through	70	80	90	85	100	110
right	135	155	175	120	140	155
Westbound	245	285	315	370	430	480
left	100	115	130	120	140	155
through	55	65	70	100	115	130
right	90	105	115	150	175	195
Northbound	960	1,115	1,250	1,885	2,185	2,455
left	85	100	110	130	150	170
through	775	900	1,010	1,625	1,885	2,115
right	100	115	130	130	150	170
Southbound	1,145	1,325	1,490	1,345	1,560	1,755
left	75	85	100	125	145	165
through	1,040	1,205	1,350	1,145	1,330	1,490
right	30	35	40	75	85	100
17 Wheaton Way (SR 303)/ E Broad Street	2,250	2,610	2,920	3,440	3,980	4,455
Eastbound	135	160	175	155	155	175
left	80	95	105	35	35	40
through	5	5	5	5	5	5
right	50	60	65	115	115	130
Westbound	40	45	50	55	75	85
left	15	15	20	15	20	25
through	5	5	5	5	5	5
right	20	25	25	35	50	55
Northbound	905	1,045	1,175	1,800	2,090	2,340
left	75	85	100	75	80	90
through	790	915	1,025	1,705	1,980	2,215
right	40	45	50	20	30	35
Southbound	1,170	1,360	1,520	1,430	1,660	1,855
left	20	25	25	15	20	20
through	1,100	1,275	1,430	1,365	1,585	1,775
right	50	60	65	50	55	60

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Peak Hour Turn Movements (vph)

Intersection, Approach, Movement	AM Peak Hour			PM Peak Hour		
	Existing 2019	Mid-Term 2030	Horizon 2040	Existing 2019	Mid-Term 2030	Horizon 2040
8 Wheaton Way (SR 303)/ Hollis Street	2,070	2,395	2,695	3,240	3,755	4,205
Eastbound	0	0	0	0	0	0
left	0	0	0	0	0	0
through	0	0	0	0	0	0
right	0	0	0	0	0	0
Westbound	40	45	55	100	115	130
left	25	30	35	60	70	80
through	0	0	0	0	0	0
right	15	15	20	40	45	50
Northbound	875	1,015	1,140	1,750	2,030	2,270
left	10	10	15	5	5	5
through	830	965	1,080	1,690	1,960	2,195
right	35	40	45	55	65	70
Southbound	1,155	1,335	1,500	1,390	1,610	1,805
left	10	10	15	30	35	40
through	1,140	1,320	1,480	1,355	1,570	1,760
right	5	5	5	5	5	5
9 Wheaton Way (SR 303)/ NE Riddell Road	2,400	2,785	3,120	3,755	4,355	4,880
Eastbound	320	370	415	405	470	525
left	120	140	155	155	180	200
through	45	50	60	105	120	135
right	155	180	200	145	170	190
Westbound	180	205	235	330	385	430
left	30	35	40	85	100	110
through	45	50	60	125	145	165
right	105	120	135	120	140	155
Northbound	795	925	1,035	1,625	1,880	2,110
left	85	100	110	135	155	175
through	660	765	860	1,450	1,680	1,885
right	50	60	65	40	45	50
Southbound	1,105	1,285	1,435	1,395	1,620	1,815
left	50	60	65	115	135	150
through	965	1,120	1,255	1,115	1,295	1,450
right	90	105	115	165	190	215
10 Wheaton Way (SR 303)/ NE Furneys Lane	2,060	2,385	2,680	3,400	3,940	4,420
Eastbound	45	50	60	95	110	125
left	15	15	20	25	30	35
through	5	5	5	5	5	5
right	25	30	35	65	75	85
Westbound	55	60	70	230	265	295
left	40	45	50	155	180	200
through	5	5	5	5	5	5
right	10	10	15	70	80	90
Northbound	835	970	1,085	1,670	1,940	2,175
left	20	25	25	25	30	35
through	750	870	975	1,485	1,725	1,930
right	65	75	85	160	185	210
Southbound	1,125	1,305	1,465	1,405	1,625	1,825
left	45	50	60	165	190	215
through	1,060	1,230	1,380	1,200	1,390	1,560
right	20	25	25	40	45	50
11 Wheaton Way (SR 303)/ NE Fuson Road	2,075	2,400	2,705	3,345	3,875	4,355
Eastbound	30	30	40	20	20	25
left	15	15	20	10	10	15
through	5	5	5	5	5	5
right	10	10	15	5	5	5
Westbound	145	170	190	300	345	390
left	25	30	35	75	85	100
through	5	5	5	5	5	5
right	115	135	150	220	255	285
Northbound	770	890	1,005	1,580	1,830	2,060
left	10	10	15	10	10	15
through	745	865	970	1,560	1,810	2,030
right	15	15	20	10	10	15
Southbound	1,130	1,310	1,470	1,445	1,680	1,880
left	125	145	165	150	175	195
through	1,000	1,160	1,300	1,275	1,480	1,660
right	5	5	5	20	25	25

SR 303 Corridor Study
Peak Hour Turn Movements (vph)

Intersection, Approach, Movement	AM Peak Hour			PM Peak Hour		
	Existing 2019	Mid-Term 2030	Horizon 2040	Existing 2019	Mid-Term 2030	Horizon 2040
12 Wheaton Way (SR 303)/ NE McWilliams Road	2,440	2,830	3,170	4,070	4,725	5,295
Eastbound	250	290	325	440	510	575
left	115	135	150	175	205	230
through	35	40	45	125	145	165
right	100	115	130	140	160	180
Westbound	290	335	380	370	430	480
left	130	150	170	170	195	220
through	45	50	60	85	100	110
right	115	135	150	115	135	150
Northbound	860	1,000	1,115	1,780	2,065	2,315
left	85	100	110	215	250	280
through	705	820	915	1,320	1,530	1,715
right	70	80	90	245	285	320
Southbound	1,040	1,205	1,350	1,480	1,720	1,925
left	65	75	85	175	205	230
through	890	1,030	1,155	1,120	1,300	1,455
right	85	100	110	185	215	240
18 Wheaton Way (SR 303)/ NE Bentley Drive				3,180		4,140
Eastbound				270		350
left				205		265
through				10		15
right				55		70
Westbound				45		55
left				35		45
through				5		5
right				5		5
Northbound				1,525		1,990
left				275		360
through				1,225		1,595
right				25		35
Southbound				1,340		1,745
left				45		60
through				1,120		1,455
right				175		230
19 Wheaton Way (SR 303)/ NE Fairgrounds Road				3,255		4,235
Eastbound				420		550
left				100		130
through				75		100
right				245		320
Westbound				200		260
left				65		85
through				70		90
right				65		85
Northbound				1,450		1,885
left				260		340
through				1,120		1,455
right				70		90
Southbound				1,185		1,540
left				135		175
through				980		1,275
right				70		90

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