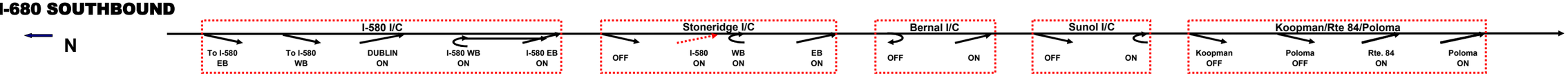
TRIANGLE TRAFFIC STUDY
I-680 Southbound
Mainline Volumes, Lane Geometry, Bottleneck and Queue Locations
Year 2030 - AM Peak
HYBRID ALTERNATIVE 1

I-680 SOUTHBOUND



YEAR 2030 HYBRID ALTERNATIVE 2 (RAMP METER @ I-580 WB TO I-680 SB, I-580 WB TO I-680 NB, I-580 EB TO I-680 SB AND I-580 EB TO I-680 NB) ANALYSIS - AM PEAK

ML+HOV+AUX	*4+1+2*		*4+1+1*		*3+1+0*		*3+1+0*			*3+1+1*		*3+1+0*			*3+1+0*		*3+1+0*		*3+1+0*		*3+1+0*		*3+1+0*		*3+1+0*		*3+1+0*		*3+1+0*		*3+1+0*	
RAMP METER						NO		NO	NO					NO		NO				NO				NO						NO		NO
AM PEAK (Demand Vol.)	8,319	2,915	5,404	1,557	3,847	677	4,524		2,666	7,190	2,182	5,008	1,653	609	7,270	643	7,913	1,209	6,704	656	7,360	325	7,035	658	7,693	541	7,152	134	7,018	1,645	8,663	390	9,053
TOTAL SERVED VOLUMES	8,267	2,589	5,404	1,557	3,847	598	4,524		1,442	5,974	2,090	4,142	696	597	4,811	603	5,796	1,030	4,792	607	5,398	267	5,127	594	5,718	413	5,281	110	5,189	1,377	6,541	389	6,958
AM PEAK (Served Vol.)- Mix-Flow Vol.	7,240		4,609		3,188		3,859			5,162		3,226			4,114		4,817		3,938		4,453		4,191		4,618		4,250		4,172		5,478		5,606
AM PEAK (Served Vol.)- HOV Vol.	1,027		795		659		665			812		916			697		979		854		945		936		1,100		1,031		1,017		1,063		1,352
Avg. Speed. (MPH) - Mix-Flow	19		54		62		60			58		62			52		58		60		60		60		60		61		59		41		57
BOTTLENECK																																
QUEUES & CONGESTION																																
Lane-1																																
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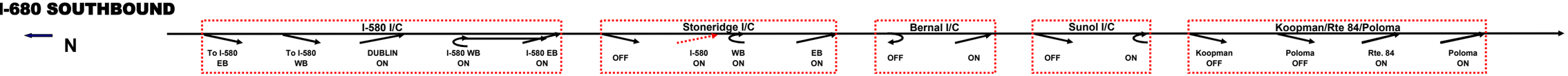
Lane-7 Auxiliary Lane-3																																

LEGEND

- **Bottleneck**
- **Queue**
- **Slow Moving Traffic**
- **XXXX Mainline Volume**
- XXXX **On-Ramp Volume**
- *XXXX* **Off- Ramp Volume**

TRIANGLE TRAFFIC STUDY
I-680 Southbound
Mainline Volumes, Lane Geometry, Bottleneck and Queue Locations
Year 2030 - AM Peak
HYBRID ALTERNATIVE 1

I-680 SOUTHBOUND



YEAR 2030 HYBRID ALTERNATIVE 2 (NO RAMP METER @ I-580 WB TO I-680 SB, I-580 WB TO I-680 NB, I-580 EB TO I-680 SB AND I-580 EB TO I-680 NB) ANALYSIS - AM PEAK

ML+HOV+AUX	*4+1+2*		*4+1+1*		*3+1+0*		*3+1+0*			*3+1+1*		*3+1+0*			*3+1+0*		*3+1+0*		*3+1+0*		*3+1+0*		*3+1+0*		*3+1+0*		*3+1+0*		*3+1+0*	*3+1+0*
RAMP METER						NO		NO	NO					NO		NO				NO				NO						NO		NO
AM PEAK (Demand Vol.)	8,319	2,915	5,404	1,557	3,847	677	4,524		2,666	7,190	2,182	5,008	1,653	609	7,270	643	7,913	1,209	6,704	656	7,360	325	7,035	658	7,693	541	7,152	134	7,018	1,645	8,663	390	9,053
TOTAL SERVED VOLUMES	8,312	2,644	5,404	1,557	3,847	601	4,524		2,070	6,595	2,182	4,142	1,233	596	5,586	599	6,682	1,135	5,564	603	6,152	294	5,855	599	6,405	474	5,636	114	5,504	1,385	6,798	389	7,188
AM PEAK (Served Vol.)- Mix-Flow Vol.	7,320		4,635		3,216		3,874			5,700		3,226			4,884		5,647		4,648		5,141		4,811		5,233		4,523		4,401		5,650		5,776
AM PEAK (Served Vol.)- HOV Vol.	992		769		631		650			895		916			702		1,035		916		1,011		1,044		1,172		1,113		1,103		1,148		1,412
Avg. Speed. (MPH) - Mix-Flow	23		54		61		60			55		59			61		57		59		59		59		50		12		11		18		56
BOTTLENECK																																	
QUEUES & CONGESTION																																	
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Lane-7 Auxiliary Lane-3																																	

LEGEND

Bottleneck

Queue

Slow Moving Traffic

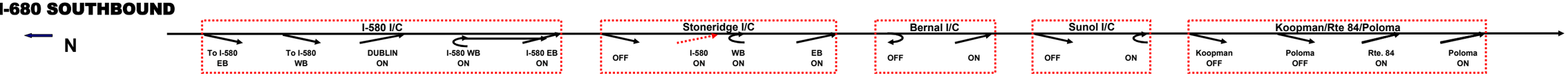
XXXX **Mainline Volume**

XXXX **On-Ramp Volume**

XXXX **Off- Ramp Volume**

TRIANGLE TRAFFIC STUDY
I-680 Southbound
Mainline Volumes, Lane Geometry, Bottleneck and Queue Locations
Year 2030 - AM Peak
HYBRID ALTERNATIVE 2

I-680 SOUTHBOUND



YEAR 2030 HYBRID ALTERNATIVE 2 (RAMP METER @ I-580 WB TO I-680 SB, I-580 WB TO I-680 NB, I-580 EB TO I-680 SB AND I-580 EB TO I-680 NB) ANALYSIS - AM PEAK

ML+HOV+AUX	*4+1+2*		*4+1+1*		*3+1+0*		*3+1+0*			*3+1+1*		*3+1+0*			*3+1+0*		*3+1+0*		*3+1+0*		*3+1+0*		*3+1+0*		*3+1+0*		*3+1+0*		*3+1+1*	*3+1+1*
RAMP METER						NO		NO	NO					NO		NO				NO				NO						NO		NO
AM PEAK (Demand Vol.)	8,356	*2,920*	5,436	*1,585*	3,851	686	4,537		2,557	7,094	*2,184*	4,910	1,641	614	7,165	640	7,805	*1,225*	6,580	656	7,236	*330*	6,906	674	7,580	*537*	7,043	*147*	6,896	1,837	8,733	344	9,077
TOTAL SERVED VOLUMES	8,230	*2,659*	5,436	*1,578*	3,851	600	4,466		1,457	5,930	*1,980*	4,142	555	595	4,504	597	5,669	*1,019*	4,643	599	5,241	*233*	5,020	601	5,631	*411*	5,226	*100*	5,134	1,851	6,984	344	*7,326*
AM PEAK (Served Vol.)- Mix-Flow Vol.	7,145		4,604		3,172		3,712			4,946		3,226			3,796		4,604		3,708		4,197		3,966		4,453		4,113		4,026		5,845		5,816
AM PEAK (Served Vol.)- HOV Vol.	1,085		832		679		754			984		916			708		1,065		935		1,044		1,054		1,178		1,113		1,108		1,139		1,510
Avg. Speed. (MPH) - Mix-Flow	22		55		62		60			58		62			52		59		61		61		60		60		61		61		58		61
BOTTLENECK																																
QUEUES & CONGESTION																																
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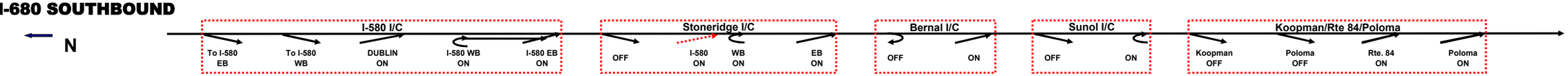
LEGEND

- **Bottleneck**
- **Queue**
- **Slow Moving Traffic**
- **XXXX Mainline Volume**
- XXXX **On-Ramp Volume**
- *XXXX* **Off- Ramp Volume**

TRIANGLE TRAFFIC STUDY
I-680 Southbound
Mainline Volumes, Lane Geometry, Bottleneck and Queue Locations
Year 2030 - AM Peak
HYBRID ALTERNATIVE 2

I-680 SOUTHBOUND



YEAR 2030 HYBRID ALTERNATIVE 2 (NO RAMP METER @ I-580 WB TO I-680 SB, I-580 WB TO I-680 NB, I-580 EB TO I-680 SB AND I-580 EB TO I-680 NB) ANALYSIS - AM PEAK

ML+HOV+AUX	*4+1+2*		*4+1+1*		*3+1+0*		*3+1+0*			*3+1+1*		*3+1+0*			*3+1+0*		*3+1+0*		*3+1+0*		*3+1+0*		*3+1+0*		*3+1+0*		*3+1+0*		*3+1+1*	*3+1+1*
RAMP METER						NO		NO	NO					NO		NO				NO				NO						NO		NO
AM PEAK (Demand Vol.)	8,356	*2,920*	5,436	*1,585*	3,851	686	4,537		2,557	7,094	*2,184*	4,910	1,641	614	7,165	640	7,805	*1,225*	6,580	656	7,236	*330*	6,906	674	7,580	*537*	7,043	*147*	6,896	1,837	8,733	344	9,077
TOTAL SERVED VOLUMES	8,227	*2,660*	5,428	*1,585*	3,847	602	4,451		2,059	6,511	*2,184*	4,024	1,122	598	4,622	598	6,586	*1,165*	5,415	599	6,007	*300*	5,719	601	6,298	*537*	5,850	*143*	5,725	1,830	7,559	344	*7,895*
AM PEAK (Served Vol.)- Mix-Flow Vol.	7,143		4,595		3,161		3,666			5,403		3,580			4,133		5,487		4,464		4,971		4,683		5,129		4,740		4,620		6,424		6,379
AM PEAK (Served Vol.)- HOV Vol.	1,084		833		686		785			1,108		444			489		1,099		951		1,036		1,036		1,169		1,110		1,105		1,135		1,516
Avg. Speed. (MPH) - Mix-Flow	22		56		62		60			58		57			54		51		59		59		59		59		61		61		58		60
BOTTLENECK																																
QUEUES & CONGESTION																																
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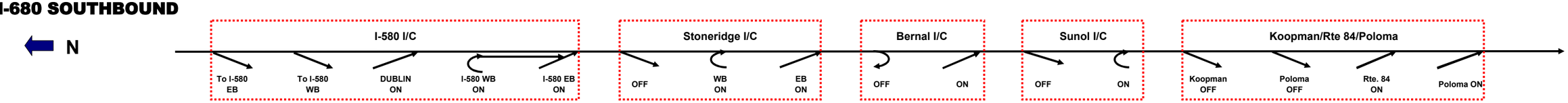
LEGEND

- **Bottleneck**
- **Queue**
- **Slow Moving Traffic**
- **XXXX Mainline Volume**
- XXXX **On-Ramp Volume**
- *XXXX* **Off- Ramp Volume**

TRIANGLE TRAFFIC STUDY
I-680 Southbound
Mainline Volumes, Lane Geometry, Bottleneck and Queue Locations
Year 2030 - AM Peak
BASELINE ALTERNATIVE

I-680 SOUTHBOUND



YEAR 2030 FUTURE BASELINE ANALYSIS - AM PEAK

ML+HOV+AUX	*4+0+2*		*4+0+1*		*3+0+0*		*3+0+0*			*3+0+1*		*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*	
RAMP METER						NO		NO	NO				NO		NO				NO				NO				NO		NO	
AM PEAK (Demand Vol.)	7,822	*2,921*	4,901	*1,456*	3,445	1,132	4,577		2,891	7,468	*2,076*	5,392	416	5,808	248	6,056	*1,093*	4,963	857	5,820	*560*	5,260	1,223	6,483	*485*	5,998	*119*	5,879	1,766	7,645	481	8,126
TOTAL SERVED VOLUMES	7,280	*2,536*	4,644	*1,456*	3,150	1,134	4,277		2,078	6,338	*1,975*	4,416	416	4,830	247	5,070	*876*	4,199	857	5,080	*428*	4,643	1,222	5,838	*473*	5,083	*90*	4,891	1,386	6,253	480	6,729
Avg. Speed. (MPH) - Mix-Flow	14		55		62		50			36		54		51		58		60		59		60		46		17		12		17		55
BOTTLENECK																														
QUEUES & CONGESTION																														
Lane-1																														
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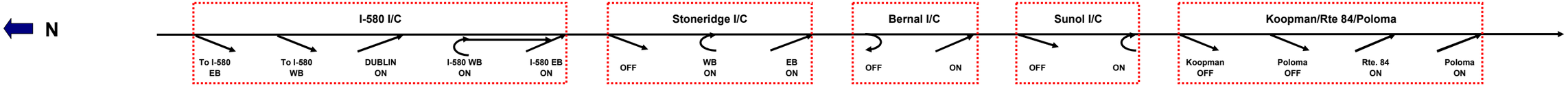
Lane-7 Auxiliary Lane-3																														

LEGEND

- **Bottleneck**
- **Queue**
- **Slow Moving Traffic**
- **XXXX Mainline Volume**
- XXXX **On-Ramp Volume**
- *XXXX* **Off- Ramp Volume**

TRIANGLE TRAFFIC STUDY
I-680 Southbound
Mainline Volumes, Lane Geometry, Bottleneck and Queue Locations
Year 2030 - AM Peak
ALTERNATIVE 1

I-680 SOUTHBOUND



YEAR 2030 ALTERNATIVE 1 ANALYSIS - AM PEAK

ML+HOV+AUX	*4+0+2*		*4+0+1*		*3+0+0*		*3+0+0*			*3+0+1*		*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*	*3+0+0*	
RAMP METER						NO		NO	NO				NO		NO				NO				NO				NO			NO	
AM PEAK (Demand Vol.)	7,825	*2,913*	4,912	*1,461*	3,451	1,186	4,637		2,699	7,336	*2,060*	5,276	443	5,719	259	5,978	*1,109*	4,869	923	5,792	*601*	5,191	1,225	6,416	*528*	5,888	*129*	5,759	1,954	7,713	505	8,218
TOTAL SERVED VOLUMES	7,826	*2,845*	4,985	*1,425*	3,558	1,186	4,744		*1,939*	6,537	*1,893*	4,741	443	5,155	259	5,416	*965*	4,453	922	5,297	*577*	4,521	1,225	5,469	*479*	4,874	*65*	4,806	1,811	6,663	505	*7,168*
Avg. Speed. (MPH) - Mix-Flow	37		59		61		31			25		45		46		56		60		42		18		18		12		10		16		56
BOTTLENECK																																
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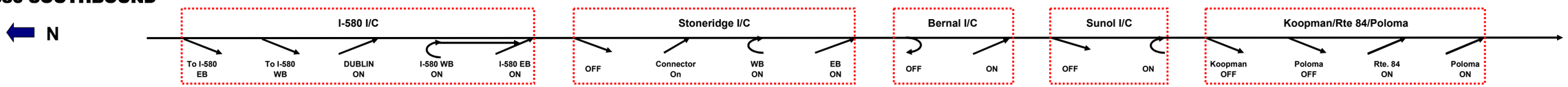
LEGEND

- Bottleneck
- Queue
- Slow Moving Traffic
- **XXXX** Mainline Volume
- XXXX On-Ramp Volume
- *XXXX* Off- Ramp Volume

TRIANGLE TRAFFIC STUDY
I-680 Southbound
Mainline Volumes, Lane Geometry, Bottleneck and Queue Locations
Year 2030 - AM Peak
ALTERNATIVE 2A

I-680 SOUTHBOUND



YEAR 2030 ALTERNATIVE 2A ANALYSIS - AM PEAK

ML+HOV+AUX	*4+0+2*		*4+0+1*		*3+0+0*		*3+0+0*			*3+0+1*				*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*	*3+0+0*
RAMP METER						NO		NO	NO						NO		NO				NO				NO						NO	NO
AM PEAK (Demand Vol.)	**7,785**	*2,933*	**4,851**	*1,471*	**3,380**	913	**4,294**		2,480	**6,774**	*2,542*	**4,232**	1,269	**5,501**	385	**5,887**	253	**6,140**	*1,101*	**5,040**	838	**5,878**	*428*	**5,449**	1,119	**6,568**	*487*	**6,081**	*119*	**5,962**	1,678	**7,640**	527	**8,167**
TOTAL SERVED VOLUMES	**7,195**	*2,495*	**4,572**	*1,489*	**3,093**	915	**4,021**		2,054	**5,957**	*2,270*	**3,594**	875	**4,691**	387	**5,053**	254	**4,818**	*823*	**3,486**	780	**3,971**	*254*	**3,464**	699	**4,433**	*339*	**4,120**	*65*	**4,034**	1,467	**6,219**	527	**6,749**
Avg. Speed. (MPH) - Mix-Flow	**14**		**54**		**62**		**60**			**53**		**59**		**56**		**45**		**28**		**10**		**10**		**7**		**11**		**9**		**9**		**16**		**55**
BOTTLENECK																																		
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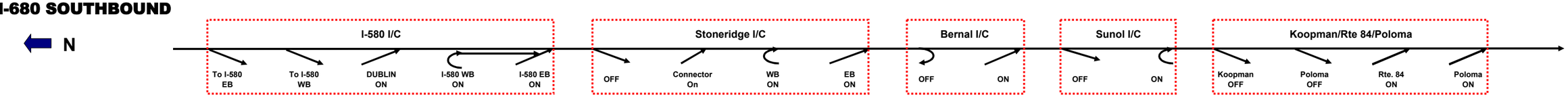
LEGEND

- **Bottleneck**
- **Queue**
- **Slow Moving Traffic**
- **XXXX** **Mainline Volume**
- XXXX **On-Ramp Volume**
- *XXXX* **Off- Ramp Volume**

TRIANGLE TRAFFIC STUDY
I-680 Southbound
Mainline Volumes, Lane Geometry, Bottleneck and Queue Locations
Year 2030 - AM Peak
ALTERNATIVE 2B

I-680 SOUTHBOUND



YEAR 2030 ALTERNATIVE 2B ANALYSIS - AM PEAK

ML+HOV+AUX	*4+0+2*		*4+0+1*		*3+0+0*		*3+0+0*				*3+0+1*				*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*	*3+0+0*	
RAMP METER						NO		NO	NO							NO		NO				NO				NO				NO		NO
AM PEAK (Demand Vol.)	**7,785**	*2,933*	**4,851**	*1,471*	**3,380**	913	**4,294**		2,480	**6,774**	*2,542*	**4,232**	1,269	**5,501**	385	**5,887**	253	**6,140**	*1,101*	**5,040**	838	**5,878**	*428*	**5,449**	1,119	**6,568**	*487*	**6,081**	*119*	**5,962**	1,678	**7,640**	527	**8,167**
TOTAL SERVED VOLUMES	**7,246**	*2,520*	**4,665**	*1,533*	**3,137**	911	**4,050**		2,037	**6,063**	*2,213*	**3,594**	1,175	**4,853**	386	**5,120**	84	**4,745**	*798*	**3,446**	553	**3,895**	*246*	**3,501**	719	**4,490**	*370*	**4,144**	*81*	**4,071**	1,436	**6,231**	527	**6,746**
Avg. Speed. (MPH) - Mix-Flow	**14**		**54**		**62**		**60**			**53**		**38**		**30**		**27**		**15**		**9**		**9**		**7**		**11**		**9**		**9**		**17**		**54**
BOTTLENECK																																
QUEUES & CONGESTION																																
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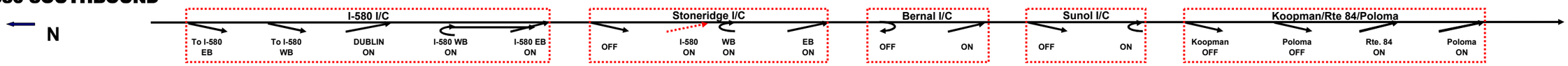
Lane-7 Auxiliary Lane-3																																

LEGEND

- **Bottleneck**
- **Queue**
- **Slow Moving Traffic**
- **XXXX** **Mainline Volume**
- XXXX **On-Ramp Volume**
- *XXXX* **Off- Ramp Volume**

TRIANGLE TRAFFIC STUDY
I-680 Southbound
Mainline Volumes, Lane Geometry, Bottleneck and Queue Locations
Year 2030 - AM Peak
ALTERNATIVE 3

I-680 SOUTHBOUND



YEAR 2030 ALTERNATIVE 3 ANALYSIS - AM PEAK

ML+HOV+AUX	*4+1+2*		*4+1+1*		*3+1+0*		*3+1+0*				*3+1+1*		*3+1+0*			*3+1+0*		*3+1+0*		*3+1+0*		*3+1+0*		*3+1+0*		*3+1+0*		*3+1+0*		*3+1+0*	*3+1+0*
RAMP METER						NO		NO	NO						NO		NO				NO				NO					NO		NO
AM PEAK (Demand Vol.)	**8,439**	*2,893*	**5,546**	*1,539*	**4,007**	1,233	**5,240**		2,586	**7,826**	*2,452*	**5,374**	1,549	462	**7,385**	309	**7,694**	*1,237*	**6,457**	785	**7,242**	*491*	**6,751**	1,179	**7,930**	*574*	**7,356**	*127*	**7,229**	1,643	**8,872**	300	**9,172**
TOTAL SERVED VOLUMES	**7,866**	*2,549*	**5,315**	*1,489*	**3,828**	1,232	**5,060**		2,068	**7,135**	*2,247*	**4,142**	1,318	462	**6,015**	308	**6,922**	*944*	**5,828**	786	**6,368**	*452*	**5,834**	917	**6,778**	*451*	**6,104**	*71*	**6,042**	1,427	**7,484**	300	***7,784***
AM PEAK (Served Vol.)- Mix-Flow Vol.	**6,331**		**4,144**		**2,923**		**4,133**			**6,211**		**3,226**			**4,648**		**5,213**		**4,163**		**4,629**		**4,243**		**5,227**		**4,555**		**4,501**		**5,754**		**6,077**
AM PEAK (Served Vol.)- HOV Vol.	**1,535**		**1,171**		**905**		**927**			**924**		**916**			**1,367**		**1,709**		**1,665**		**1,739**		**1,591**		**1,551**		**1,549**		**1,541**		**1,730**		**1,707**
Avg. Speed. (MPH) - Mix-Flow	**10**		**52**		**62**		**59**			**58**		**60**			**51**		**56**		**32**		**16**		**11**		**19**		**11**		**12**		**18**		**34**
BOTTLENECK																																
QUEUES & CONGESTION																																
Lane-1																																
Lane-2																																
Lane-3																																
Lane-4																																
Lane-5 Auxiliary Lane-1																																
Lane-6 Auxiliary Lane-2																																
Lane-7 Auxiliary Lane-3																																

LEGEND

Bottleneck

Queue

Slow Moving Traffic

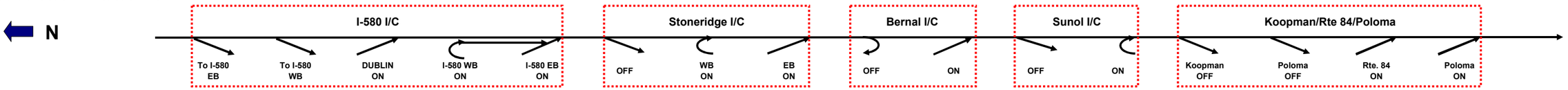
XXXX **Mainline Volume**

XXXX **On-Ramp Volume**

XXXX **Off- Ramp Volume**

TRIANGLE TRAFFIC STUDY
I-680 Southbound
Mainline Volumes, Lane Geometry, Bottleneck and Queue Locations
Year 2030 - AM Peak
ALTERNATIVE 4

I-680 SOUTHBOUND



YEAR 2030 ALTERNATIVE 4 ANALYSIS - AM PEAK

ML+HOV+AUX	*4+0+2*		*4+0+1*		*3+0+0*		*3+0+0*			*3+0+1*		*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*	
RAMP METER						NO		NO	NO				NO		NO				NO				NO						NO			NO
AM PEAK (Demand Vol.)	7,822	*2,921*	4,901	*1,456*	3,445	1,132	4,577		2,891	7,468	*2,076*	5,392	416	5,808	248	6,056	*1,093*	4,963	857	5,820	*560*	5,260	1,223	6,483	*485*	5,998	*119*	5,879	1,767	7,646	482	8,128
TOTAL SERVED VOLUMES	7,200	*2,478*	4,649	*1,452*	3,183	1,132	4,344		2,012	6,301	*1,942*	4,448	416	4,860	248	5,080	*914*	4,165	858	5,020	*512*	4,489	1,222	5,649	*438*	4,889	*73*	4,712	1,403	6,326	481	*6,800*
Avg. Speed. (MPH) - Mix-Flow	13		53		62		50			35		52		52		57		60		59		60		47		17		11		16		55
BOTTLENECK																																
QUEUES & CONGESTION																																
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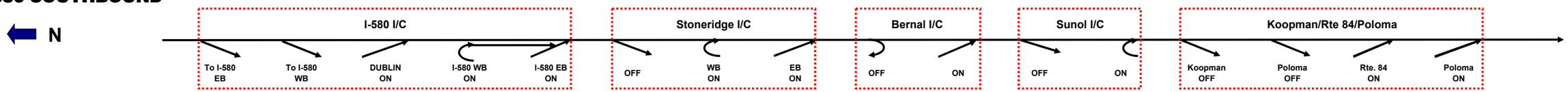
Lane-7 Auxiliary Lane-3																																

LEGEND

- **Bottleneck**
- **Queue**
- **Slow Moving Traffic**
- **XXXX Mainline Volume**
- XXXX **On-Ramp Volume**
- *XXXX* **Off- Ramp Volume**

TRIANGLE TRAFFIC STUDY
I-680 Southbound
Mainline Volumes, Lane Geometry, Bottleneck and Queue Locations
Year 2030 - AM Peak
ALTERNATIVE 5

I-680 SOUTHBOUND



YEAR 2030 ALTERNATIVE 5 ANALYSIS - AM PEAK

ML+HOV+AUX	*4+0+2*		*4+0+1*		*3+0+0*		*3+0+0*			*3+0+1*		*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*	
RAMP METER						NO		NO	NO				NO		NO				NO				NO						NO		NO	
AM PEAK (Demand Vol.)	7,816	2,903	4,913	1,461	3,452	1,184	4,636		2,711	7,347	2,062	5,285	443	5,728	258	5,986	1,115	4,871	937	5,808	599	5,209	1,225	6,434	528	5,906	145	5,761	1,977	7,738	476	8,214
TOTAL SERVED VOLUMES	7,576	2,589	4,878	1,461	3,331	1,184	4,523		2,017	6,461	1,873	4,661	443	5,100	257	5,371	985	4,403	937	5,182	518	4,368	1,221	5,250	418	4,603	72	4,526	1,781	6,317	476	6,799
Avg. Speed. (MPH) - Mix-Flow	20		56		61		54			39		53		51		57		60		38		17		16		10		9		15		57
BOTTLENECK																																
QUEUES & CONGESTION																																
Lane-1																																
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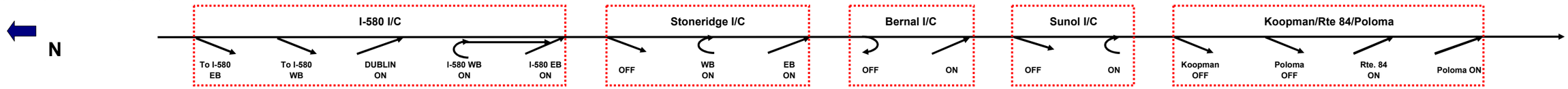
LEGEND

- **Bottleneck**
- **Queue**
- **Slow Moving Traffic**
- **XXXX Mainline Volume**
- XXXX On-Ramp Volume
- *XXXX* Off- Ramp Volume

TRIANGLE TRAFFIC STUDY
I-680 Southbound
Mainline Volumes, Lane Geometry, Bottleneck and Queue Locations
Year 2030 - AM Peak
ALTERNATIVE 6

I-680 SOUTHBOUND



YEAR 2030 ALTERNATIVE 6 ANALYSIS - AM PEAK

ML+HOV+AUX	*4+0+2*		*4+0+1*		*3+0+0*		*3+0+0*			*3+0+1*		*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*		*3+0+0*	*3+0+0*	
RAMP METER						NO		NO	NO				NO		NO				NO				NO						NO	
AM PEAK (Demand Vol.)	7,787	*2,926*	4,861	*1,471*	3,390	1,158		4,548	2,898	7,446	*2,082*	5,364	416	5,780	250	6,030	*1,089*	4,941	861	5,802	*559*	5,243	1,225	6,468	*485*	5,983	*125*	5,858	1,769	7,627	516	8,143
TOTAL SERVED VOLUMES	7,238	*2,585*	4,621	*1,424*	3,199	1,159		4,367	2,066	6,422	*1,945*	4,526	416	4,937	250	5,187	*948*	4,241	861	5,085	*489*	4,583	1,225	5,794	*464*	5,189	*42*	5,001	1,400	6,367	514	*6,879*
Avg. Speed. (MPH) - Mix-Flow	13		54		62		47			39		56		48		58		60		59		60		56		31		14		17		55
BOTTLENECK																																
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LEGEND

- Bottleneck
- Queue
- Slow Moving Traffic
- **XXXX** Mainline Volume
- XXXX On-Ramp Volume
- *XXXX* Off- Ramp Volume