

From: [Hill, Shannon](#)
To: paul.pkrupkaconsulting.com
Cc: [Jim Goddard](#); [Keyon, David](#)
Subject: RE: Missing Appendix in Downtown West Mixed Use Plan > DEIR
Date: Friday, October 30, 2020 11:06:16 AM
Attachments: [Appendix X_Synchro.pdf](#)

Hello Paul,

Thanks for catching this, so I could coordinate with the City's environmental consultant to resolve this issue. Please see attached for the missing Synchro/SimTraffic appendix from the LTA. We apologize for this omission. There seems to have been an editorial oversight when submitting the LTA.

For now, the transportation consultant has identified the missing appendix as "Appendix X" because it will have to be integrated into the document, which will cause some renumbering of other appendices. However, the content is provided for your review. The website will be updated with the corrected LTA as soon as the City receives it.

Best regards,

Shannon Hill, Planner

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From: paul.pkrupkaconsulting.com <paul@pkrupkaconsulting.com>
Sent: Wednesday, October 28, 2020 4:12 PM
To: Hill, Shannon <Shannon.Hill@sanjoseca.gov>
Cc: Jim Goddard <jgoddard@sapcenter.com>
Subject: Missing Appendix in Downtown West Mixed Use Plan > DEIR

[External Email]

Hi Shannon:

I'm reviewing the transportation sections of the subject DEIR for Sharks Sports and Entertainment. I noticed that *Appendix J2 Draft Local Transportation Analysis (LTA) Report* **does not contain** referenced appendix data for the SimTraffic analysis discussed in Section 8 Localized Access and Queuing Analysis.

Specifically, on page 186 there is a reference to Appendix B, which is supposed to contain calculation sheets. Appendix B in the document contains Approved Developments, so the reference here is

apparently incorrect.

I note there are hundreds of LOS calculation sheets from Traffix software in the document behind Appendix B (there is no title sheet separating the information).

Bottom line is the SimTraffic analysis cannot be properly reviewed at this time, given there are no details included in the document.

Will you please look into this matter and let me know what you find?

Thank you very much,

Paul

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Appendix X: Synchro/SimTraffic Calcs

Intersection: 13: Stockton Ave & Julian St

Movement	EB	EB	WB	WB	NB	NB	NB	SB	SB
Directions Served	LT	R	LT	R	L	T	R	L	TR
Maximum Queue (ft)	278	110	460	110	119	512	160	166	190
Average Queue (ft)	143	22	191	97	36	319	88	83	66
95th Queue (ft)	240	92	385	135	100	545	195	143	143
Link Distance (ft)	607		863			422			609
Upstream Blk Time (%)						12			
Queuing Penalty (veh)						62			
Storage Bay Dist (ft)		50		50	60		100	110	
Storage Blk Time (%)	43	0	36	29	4	53	0	7	1
Queuing Penalty (veh)	14	0	116	52	18	64	0	9	2

Intersection: 14: White St/Stockton Ave & The Alameda/Santa Clara St

Movement	EB	EB	EB	WB	WB	WB	NB	SB	SB
Directions Served	L	T	TR	T	T	R	LTR	L	LTR
Maximum Queue (ft)	189	307	245	371	422	110	37	125	185
Average Queue (ft)	121	70	50	138	167	68	6	27	87
95th Queue (ft)	198	242	175	315	390	135	27	82	156
Link Distance (ft)		723	723	428	428		351		297
Upstream Blk Time (%)				0	0				
Queuing Penalty (veh)				0	1				
Storage Bay Dist (ft)	130					50		180	
Storage Blk Time (%)	15	0			22	7		0	0
Queuing Penalty (veh)	30	0			74	22		0	0

Intersection: 15: Cahill St & Santa Clara St

Movement	EB	EB	WB	WB	WB	NB	NB	SB
Directions Served	T	TR	L	T	TR	LT	R	LTR
Maximum Queue (ft)	150	195	198	94	145	118	227	28
Average Queue (ft)	54	80	105	18	46	79	68	4
95th Queue (ft)	120	156	181	59	111	125	163	21
Link Distance (ft)	428	428	196	196	196		582	398
Upstream Blk Time (%)			1		0			
Queuing Penalty (veh)			4		0			
Storage Bay Dist (ft)						60		
Storage Blk Time (%)						35	2	
Queuing Penalty (veh)						31	2	

Intersection: 16: Bird Ave/Montgomery St & San Carlos St

Movement	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	NB	SB
Directions Served	UL	T	T	R	L	T	TR	UL	T	T	R	L
Maximum Queue (ft)	135	283	243	22	160	220	194	274	534	489	462	106
Average Queue (ft)	104	140	92	1	69	135	92	213	264	231	117	36
95th Queue (ft)	160	241	194	22	135	205	178	306	511	482	394	83
Link Distance (ft)		1094	1094			624	624		506	506	506	
Upstream Blk Time (%)									1	1	0	
Queuing Penalty (veh)									6	3	1	
Storage Bay Dist (ft)	75			160	130			215				300
Storage Blk Time (%)	34	31	0		1	12		9	8			
Queuing Penalty (veh)	42	48	0		1	8		52	22			

Intersection: 16: Bird Ave/Montgomery St & San Carlos St

Movement	SB	SB	SB	SB
Directions Served	T	T	T	R
Maximum Queue (ft)	169	73	125	77
Average Queue (ft)	63	9	35	6
95th Queue (ft)	135	40	90	40
Link Distance (ft)	558	558	558	
Upstream Blk Time (%)				
Queuing Penalty (veh)				
Storage Bay Dist (ft)				50
Storage Blk Time (%)			9	0
Queuing Penalty (veh)			7	0

Intersection: 17: Bird Ave & I-280 NB Ramps

Movement	WB	WB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	L	LTR	R	L	T	T	T	T	T	T	R
Maximum Queue (ft)	350	772	677	406	454	421	408	163	137	139	183
Average Queue (ft)	210	376	304	262	263	222	204	137	75	64	41
95th Queue (ft)	388	702	623	407	443	391	363	168	122	122	139
Link Distance (ft)		1361	1361		456	456	456	139	139	139	139
Upstream Blk Time (%)				0	2	1	0	28	0	1	1
Queuing Penalty (veh)				0	12	3	2	56	0	2	2
Storage Bay Dist (ft)	230			450							
Storage Blk Time (%)	2	42		1	2						
Queuing Penalty (veh)	7	37		3	6						

Intersection: 18: Bird Ave & I-280 SB Ramps

Movement	EB	EB	EB	NB	NB	NB	SB	SB	SB	SB
Directions Served	L	LT	R	T	T	TR	L	T	T	T
Maximum Queue (ft)	302	343	170	355	324	351	386	283	202	83
Average Queue (ft)	145	189	73	158	122	143	292	85	46	20
95th Queue (ft)	249	303	211	299	232	264	387	201	135	58
Link Distance (ft)		1155		502	502	502		456	456	456
Upstream Blk Time (%)				0		0		0		
Queuing Penalty (veh)				1		0		0		
Storage Bay Dist (ft)	575		80				450			
Storage Blk Time (%)		46						0		
Queuing Penalty (veh)		150						0		

Intersection: 19: Julian St & Autumn Pkwy

Movement	EB	EB	EB	WB	WB	SB	SB	SB
Directions Served	L	T	T	T	TR	L	L	R
Maximum Queue (ft)	128	115	217	286	244	33	106	75
Average Queue (ft)	51	8	48	115	67	4	36	31
95th Queue (ft)	107	55	141	256	175	17	78	62
Link Distance (ft)		277	277	284	284		675	675
Upstream Blk Time (%)			0	1	0			
Queuing Penalty (veh)			0	2	1			
Storage Bay Dist (ft)	90					180		
Storage Blk Time (%)	2	0						
Queuing Penalty (veh)	5	0						

Intersection: 20: Almaden Blvd & SR 87 SB On & Julian St

Movement	EB	EB	EB	EB	WB	WB	WB	SB	SB	SB
Directions Served	T	T	TR>	>	L	T	T	<	T	R
Maximum Queue (ft)	71	80	208	108	53	215	291	301	240	128
Average Queue (ft)	15	15	69	10	6	54	80	139	117	50
95th Queue (ft)	49	50	170	61	31	149	209	243	206	100
Link Distance (ft)	215	215	215			438	438		1086	
Upstream Blk Time (%)			0							
Queuing Penalty (veh)			0							
Storage Bay Dist (ft)				50	375			385		385
Storage Blk Time (%)			9	0						
Queuing Penalty (veh)			2	0						

Intersection: 21: SR 87 NB Off & Notre Dame Ave/SR 87 NB On & Julian St/St James St

Movement	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	NB	NE
Directions Served	L	L	T	T	T	T	R	L	LT	T	R	<
Maximum Queue (ft)	97	102	327	333	141	129	44	319	444	391	188	267
Average Queue (ft)	24	41	196	205	73	66	10	152	286	223	80	151
95th Queue (ft)	68	85	307	312	139	129	29	266	412	344	159	268
Link Distance (ft)		438	438	438	124	124	124	442	442	442	442	
Upstream Blk Time (%)			0	0	6	5			1	0		
Queuing Penalty (veh)			0	0	8	6			0	0		
Storage Bay Dist (ft)	375											180
Storage Blk Time (%)												4
Queuing Penalty (veh)												20

Intersection: 21: SR 87 NB Off & Notre Dame Ave/SR 87 NB On & Julian St/St James St

Movement	NE	NE	NE
Directions Served	<L	R	R
Maximum Queue (ft)	351	486	364
Average Queue (ft)	193	205	142
95th Queue (ft)	330	365	289
Link Distance (ft)		898	
Upstream Blk Time (%)			
Queuing Penalty (veh)			
Storage Bay Dist (ft)	180		180
Storage Blk Time (%)	13	11	2
Queuing Penalty (veh)	61	81	12

Intersection: 22: SR 87 NB Off & Santa Clara St

Movement	EB	EB	WB	WB	NB	NB	NB	NB
Directions Served	T	T	T	T	L	L	R	R
Maximum Queue (ft)	193	212	174	178	213	473	676	240
Average Queue (ft)	107	133	148	147	83	129	310	210
95th Queue (ft)	185	215	172	178	167	293	543	286
Link Distance (ft)	193	193	145	145		941	941	
Upstream Blk Time (%)	1	3	14	13		0	0	
Queuing Penalty (veh)	1	7	46	43		0	0	
Storage Bay Dist (ft)					120			120
Storage Blk Time (%)					2	9	33	14
Queuing Penalty (veh)					5	23	163	72

Intersection: 23: Delmas Ave & Park Ave

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	T	R	L	T	T	LT	TR
Maximum Queue (ft)	288	160	58	44	34	98	101
Average Queue (ft)	206	47	25	10	2	37	42
95th Queue (ft)	316	143	56	35	16	78	87
Link Distance (ft)	214		38	38	38		576
Upstream Blk Time (%)	13		5	1	1		
Queuing Penalty (veh)	54		5	1	1		
Storage Bay Dist (ft)		100				400	
Storage Blk Time (%)	37						
Queuing Penalty (veh)	21						

Intersection: 24: Woz Way/SR 87 On & Park Ave

Movement	EB	EB	EB	WB	WB	WB	WB	NB	NB
Directions Served	L	T	TR	L	T	T	R	LT	R
Maximum Queue (ft)	178	251	256	42	84	8	95	217	160
Average Queue (ft)	88	84	116	10	15	0	20	125	48
95th Queue (ft)	161	192	238	30	52	6	64	205	123
Link Distance (ft)		249	249		878	878		210	
Upstream Blk Time (%)		0	1					1	
Queuing Penalty (veh)		1	3					4	
Storage Bay Dist (ft)	150			250			140		100
Storage Blk Time (%)	2	2					0	14	0
Queuing Penalty (veh)	7	4					0	11	0

Intersection: 25: SR 87 SB On/Delmas Ave & Auzerais Ave

Movement	EB	WB	WB	SB	SB
Directions Served	TR	L	T	L	TR
Maximum Queue (ft)	142	61	118	69	167
Average Queue (ft)	57	19	38	27	72
95th Queue (ft)	110	50	90	60	128
Link Distance (ft)	599		429	533	533
Upstream Blk Time (%)					
Queuing Penalty (veh)					
Storage Bay Dist (ft)		150			
Storage Blk Time (%)			0		
Queuing Penalty (veh)			0		

Intersection: 26: Woz Way & SR 87 NB Off

Movement	EB	EB	EB	NB	SB
Directions Served	L	L	R	T	T
Maximum Queue (ft)	110	68	64	164	122
Average Queue (ft)	44	13	21	78	46
95th Queue (ft)	88	49	48	134	95
Link Distance (ft)		624		1007	197
Upstream Blk Time (%)					
Queuing Penalty (veh)					
Storage Bay Dist (ft)	120		190		
Storage Blk Time (%)	0	0			
Queuing Penalty (veh)	0	0			

Intersection: 51: Stockton Ave

Movement	NB	SB
Directions Served	LT	TR
Maximum Queue (ft)	231	56
Average Queue (ft)	45	3
95th Queue (ft)	195	30
Link Distance (ft)	297	422
Upstream Blk Time (%)	1	
Queuing Penalty (veh)	8	
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 52: Delmas Ave & Santa Clara St

Movement	WB	WB
Directions Served	T	T
Maximum Queue (ft)	162	205
Average Queue (ft)	19	32
95th Queue (ft)	92	125
Link Distance (ft)	567	567
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)	1	
Queuing Penalty (veh)	0	

Intersection: 53: Parking & Santa Clara St

Movement	EB	EB	WB
Directions Served	T	TR	T
Maximum Queue (ft)	40	79	5
Average Queue (ft)	2	8	0
95th Queue (ft)	27	47	5
Link Distance (ft)	567	567	193
Upstream Blk Time (%)			
Queuing Penalty (veh)			
Storage Bay Dist (ft)			
Storage Blk Time (%)			
Queuing Penalty (veh)			

Intersection: 54: Almaden Plaza & Santa Clara St

Movement	EB	EB	WB	WB
Directions Served	T	TR	T	T
Maximum Queue (ft)	160	168	162	159
Average Queue (ft)	57	73	85	78
95th Queue (ft)	147	167	169	165
Link Distance (ft)	145	145	133	133
Upstream Blk Time (%)	2	3	2	2
Queuing Penalty (veh)	11	23	5	5
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 55: Woz Way

Movement	NB	SB	SB
Directions Served	TR	L	T
Maximum Queue (ft)	113	98	76
Average Queue (ft)	12	47	4
95th Queue (ft)	63	90	39
Link Distance (ft)	189		210
Upstream Blk Time (%)	0		
Queuing Penalty (veh)	0		
Storage Bay Dist (ft)		50	
Storage Blk Time (%)		7	
Queuing Penalty (veh)		3	

Intersection: 56: Woz Way

Movement	NB
Directions Served	T
Maximum Queue (ft)	220
Average Queue (ft)	79
95th Queue (ft)	225
Link Distance (ft)	206
Upstream Blk Time (%)	5
Queuing Penalty (veh)	10
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 57: Park Ave

Movement	EB
Directions Served	T
Maximum Queue (ft)	163
Average Queue (ft)	29
95th Queue (ft)	123
Link Distance (ft)	221
Upstream Blk Time (%)	0
Queuing Penalty (veh)	0
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 81: SR 87 NB On

Movement	NB	NB	NB
Directions Served	L	T	T
Maximum Queue (ft)	128	258	265
Average Queue (ft)	45	125	135
95th Queue (ft)	90	224	231
Link Distance (ft)		511	511
Upstream Blk Time (%)			
Queuing Penalty (veh)			
Storage Bay Dist (ft)	450		
Storage Blk Time (%)			
Queuing Penalty (veh)			

Intersection: 82: SR 87 SB On

Movement

Directions Served
 Maximum Queue (ft)
 Average Queue (ft)
 95th Queue (ft)
 Link Distance (ft)
 Upstream Blk Time (%)
 Queuing Penalty (veh)
 Storage Bay Dist (ft)
 Storage Blk Time (%)
 Queuing Penalty (veh)

Intersection: 83: SR 87 On/SR 87 NB On

Movement

	NB	NB
Directions Served	L	T
Maximum Queue (ft)	79	179
Average Queue (ft)	37	91
95th Queue (ft)	65	143
Link Distance (ft)		314
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)	300	
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 84: SR 87 SB On

Movement

Directions Served
 Maximum Queue (ft)
 Average Queue (ft)
 95th Queue (ft)
 Link Distance (ft)
 Upstream Blk Time (%)
 Queuing Penalty (veh)
 Storage Bay Dist (ft)
 Storage Blk Time (%)
 Queuing Penalty (veh)

Intersection: 85: I-280 SB Ramps

Movement

Directions Served
 Maximum Queue (ft)
 Average Queue (ft)
 95th Queue (ft)
 Link Distance (ft)
 Upstream Blk Time (%)
 Queuing Penalty (veh)
 Storage Bay Dist (ft)
 Storage Blk Time (%)
 Queuing Penalty (veh)

Intersection: 86: I-280 NB Ramps

Movement	WB	WB
Directions Served	T	T
Maximum Queue (ft)	84	100
Average Queue (ft)	47	60
95th Queue (ft)	76	86
Link Distance (ft)	381	381
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 101: Terraine St & St James St

Movement	EB	EB	EB	WB	WB	NB	SB
Directions Served	L	T	TR	T	TR	R	R
Maximum Queue (ft)	66	21	31	271	212	33	195
Average Queue (ft)	13	1	2	144	74	6	77
95th Queue (ft)	42	16	23	242	182	25	181
Link Distance (ft)	124	124	124	334	334	397	216
Upstream Blk Time (%)	0		0	0			3
Queuing Penalty (veh)	0		0	0			0
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Intersection: 102: Julian St & Pleasant St

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	LT	T	T	T	R	L	R
Maximum Queue (ft)	118	298	228	238	185	56	32
Average Queue (ft)	29	156	90	72	61	18	4
95th Queue (ft)	80	294	200	189	145	48	20
Link Distance (ft)	284	284	215	215			335
Upstream Blk Time (%)		2	1	1			
Queuing Penalty (veh)		5	3	2			
Storage Bay Dist (ft)					125	100	
Storage Blk Time (%)				3	0		
Queuing Penalty (veh)				7	1		

Intersection: 103: Autumn St & Julian St

Movement	EB	EB	EB	WB	WB	WB	NB	SB
Directions Served	L	T	TR	L	T	TR	LTR	LT
Maximum Queue (ft)	33	109	166	140	265	96	140	35
Average Queue (ft)	7	35	57	29	60	10	56	8
95th Queue (ft)	26	86	131	80	173	51	104	30
Link Distance (ft)		284	284		277	277	766	528
Upstream Blk Time (%)					0	0		
Queuing Penalty (veh)					0	0		
Storage Bay Dist (ft)	90			90				
Storage Blk Time (%)		1		0	3			
Queuing Penalty (veh)		0		1	1			

Intersection: 104: Montgomery St & Julian St

Movement	EB	EB	EB	WB	WB	WB	NB	NB	SB	SB
Directions Served	L	T	R	L	T	R	L	TR	LT	R
Maximum Queue (ft)	87	221	60	109	280	51	81	56	84	62
Average Queue (ft)	18	76	5	22	85	9	30	14	26	14
95th Queue (ft)	55	173	33	69	218	32	64	43	60	42
Link Distance (ft)		863			284	284		466	445	
Upstream Blk Time (%)					0					
Queuing Penalty (veh)					1					
Storage Bay Dist (ft)	65		50	90			110			100
Storage Blk Time (%)	0	10	0	0	5		0		0	
Queuing Penalty (veh)	1	3	0	0	1		0		0	

Intersection: 105: Montgomery St & Santa Clara St

Movement	EB	EB	WB	WB	WB	WB
Directions Served	T	TR	L	L	T	T
Maximum Queue (ft)	176	197	150	239	225	241
Average Queue (ft)	51	74	100	140	86	113
95th Queue (ft)	139	167	166	230	201	246
Link Distance (ft)	196	196		230	230	230
Upstream Blk Time (%)	0	0		3	0	1
Queuing Penalty (veh)	0	0		11	0	3
Storage Bay Dist (ft)			90			
Storage Blk Time (%)			15	31		
Queuing Penalty (veh)			19	39		

Intersection: 106: Autumn St & Santa Clara St

Movement	EB	EB	EB	WB	WB	NB	NB	NB	SB	SB
Directions Served	UL	T	T	T	TR	L	T	R	L	R
Maximum Queue (ft)	60	99	120	279	287	245	272	165	87	77
Average Queue (ft)	16	27	36	178	204	126	140	46	27	34
95th Queue (ft)	47	71	88	309	324	215	234	98	69	67
Link Distance (ft)		230	230	266	266	523	523		508	
Upstream Blk Time (%)				2	4					
Queuing Penalty (veh)				13	26					
Storage Bay Dist (ft)	50							200		100
Storage Blk Time (%)	5	5					3		0	0
Queuing Penalty (veh)	11	1					3		0	0

Intersection: 107: Almaden Blvd & Santa Clara St

Movement	EB	EB	EB	WB	WB	SB	SB
Directions Served	T	T	R	T	T	LT	R
Maximum Queue (ft)	153	178	110	149	156	280	137
Average Queue (ft)	123	130	71	60	54	110	44
95th Queue (ft)	170	185	143	115	116	201	105
Link Distance (ft)	133	133		203	203	448	
Upstream Blk Time (%)	14	15		0	0		
Queuing Penalty (veh)	105	112		0	0		
Storage Bay Dist (ft)			50				75
Storage Blk Time (%)		28	3			23	1
Queuing Penalty (veh)		95	14			18	1

Intersection: 108: Almaden Blvd/Notre Dame Ave & Santa Clara St

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB
Directions Served	L	T	T	L	T	TR	L	T	TR
Maximum Queue (ft)	198	120	130	114	243	247	137	290	261
Average Queue (ft)	108	58	56	37	134	131	61	171	144
95th Queue (ft)	180	103	106	89	225	230	117	257	240
Link Distance (ft)	203	203	203		231	231		358	358
Upstream Blk Time (%)	1				1	1		0	
Queuing Penalty (veh)	5				0	0		0	
Storage Bay Dist (ft)				60			300		
Storage Blk Time (%)				3	29			0	
Queuing Penalty (veh)				8	11			0	

Intersection: 109: Montgomery St & Park Ave

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	L	T	TR	L	T	TR	L	T	T	L	T	T
Maximum Queue (ft)	89	191	256	113	179	150	275	574	584	61	187	143
Average Queue (ft)	33	86	88	36	89	20	256	329	232	18	81	59
95th Queue (ft)	73	153	213	92	158	90	314	676	605	49	158	119
Link Distance (ft)		1117	1117		503			558	558		470	470
Upstream Blk Time (%)								2	1			
Queuing Penalty (veh)								13	6			
Storage Bay Dist (ft)	290			100		150	215			300		
Storage Blk Time (%)				1	13	0	30	0	0			3
Queuing Penalty (veh)				1	14	0	119	0	0			1

Intersection: 109: Montgomery St & Park Ave

Movement	SB
Directions Served	R
Maximum Queue (ft)	67
Average Queue (ft)	4
95th Queue (ft)	38
Link Distance (ft)	
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	85
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 110: Almaden Blvd & Park Ave

Movement	EB	EB	EB	EB	WB	WB	WB	WB	NB	NB	NB	NB
Directions Served	L	L	T	R	L	T	T	R	L	L	T	T
Maximum Queue (ft)	263	323	189	148	172	143	42	57	113	158	92	54
Average Queue (ft)	133	158	63	11	99	16	9	12	41	77	33	10
95th Queue (ft)	226	254	141	82	166	99	33	42	93	140	79	39
Link Distance (ft)		878	878			669	669				554	554
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	190			120	80			50	160	160		
Storage Blk Time (%)	2	6	2	0	36	0	1	0	0	0		1
Queuing Penalty (veh)	3	11	5	0	2	0	1	0	0	0		0

Intersection: 110: Almaden Blvd & Park Ave

Movement	SB	SB	SB	SB
Directions Served	L	T	T	R
Maximum Queue (ft)	229	535	479	150
Average Queue (ft)	53	356	302	25
95th Queue (ft)	164	508	446	118
Link Distance (ft)		559	559	
Upstream Blk Time (%)		1	0	
Queuing Penalty (veh)		0	0	
Storage Bay Dist (ft)	170			50
Storage Blk Time (%)	0	36	41	
Queuing Penalty (veh)	0	11	20	

Intersection: 111: Delmas Ave & San Carlos St

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	T	TR	L	T	T	LT	TR
Maximum Queue (ft)	194	157	65	153	165	127	165
Average Queue (ft)	91	49	18	37	36	51	79
95th Queue (ft)	162	112	51	101	109	99	138
Link Distance (ft)	506	506		387	387	483	483
Upstream Blk Time (%)							
Queuing Penalty (veh)							
Storage Bay Dist (ft)			150				
Storage Blk Time (%)				0			
Queuing Penalty (veh)				0			

Intersection: 112: Woz Way & San Carlos St

Movement	EB	EB	EB	WB	WB	WB	NB	NB	SB	SB	SE	NW
Directions Served	<	T	TR>	LT	T	>	<	T>	<	TR	<	>
Maximum Queue (ft)	239	344	293	262	251	201	134	263	83	55	34	38
Average Queue (ft)	133	159	130	143	93	98	65	212	24	12	5	5
95th Queue (ft)	238	284	238	225	215	177	150	305	63	38	23	22
Link Distance (ft)		387	387	714	714			247		189	88	80
Upstream Blk Time (%)		0	0					19				
Queuing Penalty (veh)		1	0					68				
Storage Bay Dist (ft)	150					150	75		150			
Storage Blk Time (%)	13	8			2	5	6	54				
Queuing Penalty (veh)	27	17			3	6	18	43				

Intersection: 112: Woz Way & San Carlos St

Movement	SW	SW
Directions Served	<	>
Maximum Queue (ft)	31	18
Average Queue (ft)	3	2
95th Queue (ft)	17	11
Link Distance (ft)	188	188
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 113: Bird Ave & Auzerais Ave

Movement	EB	EB	WB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LT	R	LT	R	L	T	T	TR	L	T	T	TR
Maximum Queue (ft)	196	160	627	75	139	212	193	168	85	194	72	109
Average Queue (ft)	84	17	414	26	122	167	141	139	24	80	13	42
95th Queue (ft)	161	98	742	80	154	202	198	187	64	167	44	94
Link Distance (ft)	712		632			139	139	139		506	506	506
Upstream Blk Time (%)			21		15	37	16	16				
Queuing Penalty (veh)			0		0	240	104	108				
Storage Bay Dist (ft)		100		50	100				200			
Storage Blk Time (%)	9	0	84	1	49	20				1		
Queuing Penalty (veh)	16	0	22	2	270	37				0		

Intersection: 114: Woz Way & Auzerais Ave

Movement	EB	EB	WB	NB	NB	SB	NE	SW
Directions Served	<	R	LTR	L	T	TR	T	T
Maximum Queue (ft)	58	118	46	129	198	57	22	43
Average Queue (ft)	15	46	7	51	84	12	3	4
95th Queue (ft)	41	91	30	101	175	39	14	22
Link Distance (ft)	429	429	310	197	197	206	205	88
Upstream Blk Time (%)				0	2			0
Queuing Penalty (veh)				0	2			0
Storage Bay Dist (ft)								
Storage Blk Time (%)								
Queuing Penalty (veh)								

Intersection: 115: Bird Ave & Virginia St

Movement	EB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LTR	LTR	L	T	T	TR	L	T	T	TR
Maximum Queue (ft)	190	592	119	160	480	484	244	273	244	143
Average Queue (ft)	78	348	34	150	306	341	154	37	47	63
95th Queue (ft)	150	601	90	183	478	494	244	177	138	119
Link Distance (ft)	303	623			457	457		502	502	502
Upstream Blk Time (%)		7			2	3		0	0	
Queuing Penalty (veh)		0			0	0		0	0	
Storage Bay Dist (ft)			100	100			190			
Storage Blk Time (%)			0	22	26		10	0		
Queuing Penalty (veh)			1	96	116		11	0		

Intersection: 123: VTA LRT & Park Ave

Movement	EB	EB	WB	WB	NB	SB
Directions Served	T	T	T	T	T	T
Maximum Queue (ft)	33	32	35	3	44	32
Average Queue (ft)	5	3	3	0	5	5
95th Queue (ft)	22	19	19	3	26	23
Link Distance (ft)	38	38	16	16	310	489
Upstream Blk Time (%)	0	2	2	0		
Queuing Penalty (veh)	1	4	2	0		
Storage Bay Dist (ft)						
Storage Blk Time (%)						
Queuing Penalty (veh)						

Intersection: 223: Park Ave & SR 87 SB Off

Movement	EB	EB	WB	WB	SB	SB	SB
Directions Served	T	T	T	T	L	L	R
Maximum Queue (ft)	34	28	82	112	247	327	314
Average Queue (ft)	4	2	25	26	126	173	138
95th Queue (ft)	21	13	67	71	214	280	251
Link Distance (ft)	16	16		249		739	
Upstream Blk Time (%)	3	1					
Queuing Penalty (veh)	6	2					
Storage Bay Dist (ft)			75		400		350
Storage Blk Time (%)			1	2		0	0
Queuing Penalty (veh)			0	1		1	2

Intersection: 301: VTA LRT

Movement
Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 302:

Movement
Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 303:

Movement

Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 304:

Movement

Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Network Summary

Network wide Queuing Penalty: 3668

Intersection: 13: Stockton Ave & Julian St

Movement	EB	EB	WB	WB	NB	NB	NB	SB	SB
Directions Served	LT	R	LT	R	L	T	R	L	TR
Maximum Queue (ft)	477	110	514	110	119	301	160	184	489
Average Queue (ft)	265	35	249	83	33	120	63	147	224
95th Queue (ft)	492	117	475	144	85	238	146	215	420
Link Distance (ft)	607		863			422			609
Upstream Blk Time (%)	1								0
Queuing Penalty (veh)	0								0
Storage Bay Dist (ft)		50		50	60		100	110	
Storage Blk Time (%)	67	0	54	5	3	24	0	24	21
Queuing Penalty (veh)	24	0	82	15	8	33	1	95	46

Intersection: 14: White St/Stockton Ave & The Alameda/Santa Clara St

Movement	EB	EB	EB	WB	WB	WB	NB	SB	SB
Directions Served	L	T	TR	T	T	R	LTR	L	LTR
Maximum Queue (ft)	185	264	254	236	279	110	39	240	310
Average Queue (ft)	101	115	127	110	127	71	8	110	197
95th Queue (ft)	171	223	235	202	240	136	31	242	317
Link Distance (ft)		723	723	428	428		351		297
Upstream Blk Time (%)									3
Queuing Penalty (veh)									13
Storage Bay Dist (ft)	130					50		180	
Storage Blk Time (%)	7	3			27	4		1	18
Queuing Penalty (veh)	24	5			60	10		2	24

Intersection: 15: Cahill St & Santa Clara St

Movement	EB	EB	WB	WB	WB	NB	NB	SB
Directions Served	T	TR	L	T	TR	LT	R	LTR
Maximum Queue (ft)	250	286	194	33	68	114	162	77
Average Queue (ft)	90	121	92	2	7	60	54	28
95th Queue (ft)	193	239	162	17	36	106	118	65
Link Distance (ft)	428	428	196	196	196		582	398
Upstream Blk Time (%)		0	1					
Queuing Penalty (veh)		0	2					
Storage Bay Dist (ft)						60		
Storage Blk Time (%)						23	4	
Queuing Penalty (veh)						21	3	

Intersection: 16: Bird Ave/Montgomery St & San Carlos St

Movement	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	NB	SB
Directions Served	UL	T	T	R	L	T	TR	UL	T	T	R	L
Maximum Queue (ft)	134	454	460	220	189	328	231	214	244	162	72	328
Average Queue (ft)	99	269	251	130	145	113	58	119	61	56	8	125
95th Queue (ft)	164	399	405	291	206	258	151	204	225	194	105	310
Link Distance (ft)		1094	1094			624	624		506	506	506	
Upstream Blk Time (%)									1	1	0	
Queuing Penalty (veh)									2	2	0	
Storage Bay Dist (ft)	75			160	130			215				300
Storage Blk Time (%)	25	54	17	6	21	1		3	3			
Queuing Penalty (veh)	88	52	58	20	22	1		6	4			

Intersection: 16: Bird Ave/Montgomery St & San Carlos St

Movement	SB	SB	SB	SB
Directions Served	T	T	T	R
Maximum Queue (ft)	506	485	497	110
Average Queue (ft)	248	179	216	35
95th Queue (ft)	513	443	462	118
Link Distance (ft)	558	558	558	
Upstream Blk Time (%)	3	0	1	
Queuing Penalty (veh)	14	2	6	
Storage Bay Dist (ft)				50
Storage Blk Time (%)	15		40	0
Queuing Penalty (veh)	16		28	0

Intersection: 17: Bird Ave & I-280 NB Ramps

Movement	WB	WB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	L	LTR	R	L	T	T	T	T	T	T	R
Maximum Queue (ft)	350	881	774	220	95	61	79	162	162	212	204
Average Queue (ft)	312	521	395	71	23	11	15	136	99	110	103
95th Queue (ft)	407	938	812	167	71	42	53	172	154	192	217
Link Distance (ft)		1361	1361		456	456	456	139	139	139	139
Upstream Blk Time (%)		0	0					31	2	4	5
Queuing Penalty (veh)		0	0					149	11	20	26
Storage Bay Dist (ft)	230			450							
Storage Blk Time (%)	26	58									
Queuing Penalty (veh)	131	134									

Intersection: 18: Bird Ave & I-280 SB Ramps

Movement	EB	EB	NB	NB	NB	SB	SB	SB	SB
Directions Served	L	LT	T	T	TR	L	T	T	T
Maximum Queue (ft)	76	114	184	194	272	455	518	273	142
Average Queue (ft)	22	42	66	32	62	348	252	80	80
95th Queue (ft)	57	90	146	117	197	546	600	184	131
Link Distance (ft)		1155	502	502	502		456	456	456
Upstream Blk Time (%)					0	5	5	0	
Queuing Penalty (veh)					0	0	32	0	
Storage Bay Dist (ft)	575					450			
Storage Blk Time (%)		2				7	5		
Queuing Penalty (veh)		4				30	26		

Intersection: 19: Julian St & Autumn Pkwy

Movement	EB	EB	EB	WB	WB	SB	SB	SB
Directions Served	L	T	T	T	TR	L	L	R
Maximum Queue (ft)	150	315	333	271	233	240	609	351
Average Queue (ft)	83	208	234	135	84	186	330	125
95th Queue (ft)	173	356	367	249	183	303	630	451
Link Distance (ft)		277	277	284	284		675	675
Upstream Blk Time (%)		10	20	0	0		8	5
Queuing Penalty (veh)		40	77	1	1		0	0
Storage Bay Dist (ft)	90					180		
Storage Blk Time (%)	3	29				17	43	
Queuing Penalty (veh)	10	30				43	109	

Intersection: 20: Almaden Blvd & SR 87 SB On & Julian St

Movement	EB	EB	EB	EB	WB	WB	WB	WB	SB	SB	SB
Directions Served	T	T	TR>	>	L	T	T	R	<	T	R
Maximum Queue (ft)	72	130	253	107	56	52	111	5	135	95	50
Average Queue (ft)	15	40	168	16	8	7	11	0	56	40	21
95th Queue (ft)	47	95	285	77	34	31	57	5	108	82	47
Link Distance (ft)	220	220	220				438	438	438		457
Upstream Blk Time (%)			5								
Queuing Penalty (veh)			21								
Storage Bay Dist (ft)				50	375				385		385
Storage Blk Time (%)			18	0							
Queuing Penalty (veh)			4	0							

Intersection: 21: SR 87 NB Off & Notre Dame Ave/SR 87 NB On & Julian St/St James St

Movement	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	NB	NE
Directions Served	L	L	T	T	T	T	R	L	LT	T	R	<
Maximum Queue (ft)	98	128	349	345	172	176	52	438	433	346	148	126
Average Queue (ft)	36	58	212	221	126	156	14	331	303	226	55	50
95th Queue (ft)	84	106	320	325	162	175	39	454	411	336	115	106
Link Distance (ft)		438	438	438	124	124	124	425	425	425	425	
Upstream Blk Time (%)					18	61		3	1	0		
Queuing Penalty (veh)					47	163		0	0	0		
Storage Bay Dist (ft)	375											180
Storage Blk Time (%)												0
Queuing Penalty (veh)												0

Intersection: 21: SR 87 NB Off & Notre Dame Ave/SR 87 NB On & Julian St/St James St

Movement	NE	NE	NE
Directions Served	<L	R	R
Maximum Queue (ft)	159	247	209
Average Queue (ft)	60	138	80
95th Queue (ft)	124	224	186
Link Distance (ft)		898	
Upstream Blk Time (%)			
Queuing Penalty (veh)			
Storage Bay Dist (ft)	180		180
Storage Blk Time (%)	0	4	0
Queuing Penalty (veh)	0	13	1

Intersection: 22: SR 87 NB Off & Santa Clara St

Movement	EB	EB	WB	WB	NB	NB	NB	NB
Directions Served	T	T	T	T	L	L	R	R
Maximum Queue (ft)	200	218	150	133	149	154	287	237
Average Queue (ft)	110	134	79	62	62	73	169	134
95th Queue (ft)	212	231	143	122	120	135	255	231
Link Distance (ft)	177	177	129	129		937	937	
Upstream Blk Time (%)	3	5	3	1				
Queuing Penalty (veh)	11	20	8	2				
Storage Bay Dist (ft)					120			120
Storage Blk Time (%)					1	2	24	6
Queuing Penalty (veh)					1	3	62	15

Intersection: 23: Delmas Ave & Park Ave

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	T	R	L	T	T	LT	TR
Maximum Queue (ft)	296	160	55	41	29	402	482
Average Queue (ft)	253	74	24	7	3	214	261
95th Queue (ft)	334	180	46	27	18	380	449
Link Distance (ft)	210		22	22	22		576
Upstream Blk Time (%)	44		31	7	1		3
Queuing Penalty (veh)	175		55	13	1		0
Storage Bay Dist (ft)		100				400	
Storage Blk Time (%)	59	2				2	6
Queuing Penalty (veh)	55	7				4	14

Intersection: 24: Woz Way/SR 87 On & Park Ave

Movement	EB	EB	EB	WB	WB	WB	WB	NB	NB
Directions Served	L	T	TR	L	T	T	R	LT	R
Maximum Queue (ft)	185	193	245	297	630	643	224	222	160
Average Queue (ft)	96	41	95	125	306	267	96	185	69
95th Queue (ft)	177	129	217	294	778	812	232	258	175
Link Distance (ft)		233	233		858	858		206	
Upstream Blk Time (%)		0	1		6	11		27	
Queuing Penalty (veh)		0	3		24	41		114	
Storage Bay Dist (ft)	150			250			140		100
Storage Blk Time (%)	5	0		1	25	9	4	48	0
Queuing Penalty (veh)	8	0		1	35	24	6	40	0

Intersection: 25: SR 87 SB On/Delmas Ave & Auzerais Ave

Movement	EB	WB	WB	SB	SB
Directions Served	TR	L	T	L	TR
Maximum Queue (ft)	422	133	175	236	520
Average Queue (ft)	223	54	55	49	352
95th Queue (ft)	413	110	130	157	622
Link Distance (ft)	599		429	533	533
Upstream Blk Time (%)	0				5
Queuing Penalty (veh)	0				17
Storage Bay Dist (ft)		150			
Storage Blk Time (%)		0	1		
Queuing Penalty (veh)		0	1		

Intersection: 26: Woz Way & SR 87 NB Off

Movement	EB	EB	EB	NB	SB
Directions Served	L	L	R	T	T
Maximum Queue (ft)	151	182	156	146	206
Average Queue (ft)	65	36	48	54	100
95th Queue (ft)	143	226	117	146	189
Link Distance (ft)		624		1007	197
Upstream Blk Time (%)		3			1
Queuing Penalty (veh)		0			4
Storage Bay Dist (ft)	120		190		
Storage Blk Time (%)	5	1	0		
Queuing Penalty (veh)	12	3	0		

Intersection: 51: Stockton Ave

Movement	EB	NB	SB
Directions Served	R	LT	TR
Maximum Queue (ft)	51	124	179
Average Queue (ft)	19	15	18
95th Queue (ft)	45	71	104
Link Distance (ft)	225	297	422
Upstream Blk Time (%)		0	
Queuing Penalty (veh)		0	
Storage Bay Dist (ft)			
Storage Blk Time (%)			
Queuing Penalty (veh)			

Intersection: 52: Delmas Ave & Santa Clara St

Movement	WB	WB	WB
Directions Served	L	T	T
Maximum Queue (ft)	49	49	27
Average Queue (ft)	17	3	1
95th Queue (ft)	45	25	14
Link Distance (ft)		567	567
Upstream Blk Time (%)			
Queuing Penalty (veh)			
Storage Bay Dist (ft)	100		
Storage Blk Time (%)		0	
Queuing Penalty (veh)		0	

Intersection: 53: Parking & Santa Clara St

Movement	EB	EB
Directions Served	T	TR
Maximum Queue (ft)	154	173
Average Queue (ft)	20	32
95th Queue (ft)	91	120
Link Distance (ft)	567	567
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 54: Almaden Plaza & Santa Clara St

Movement	EB	EB	WB	WB	WB
Directions Served	T	TR	L	T	T
Maximum Queue (ft)	152	163	41	64	31
Average Queue (ft)	101	92	6	5	2
95th Queue (ft)	175	179	27	31	17
Link Distance (ft)	129	129	128	128	128
Upstream Blk Time (%)	6	4			
Queuing Penalty (veh)	38	26			
Storage Bay Dist (ft)					
Storage Blk Time (%)					
Queuing Penalty (veh)					

Intersection: 55: Woz Way

Movement	WB	NB	SB
Directions Served	LR	TR	T
Maximum Queue (ft)	325	195	190
Average Queue (ft)	172	75	34
95th Queue (ft)	358	209	131
Link Distance (ft)	308	189	206
Upstream Blk Time (%)	27	12	1
Queuing Penalty (veh)	0	32	2
Storage Bay Dist (ft)			
Storage Blk Time (%)			10
Queuing Penalty (veh)			0

Intersection: 56: Woz Way

Movement	NB	SB
Directions Served	T	T
Maximum Queue (ft)	208	11
Average Queue (ft)	48	0
95th Queue (ft)	179	9
Link Distance (ft)	206	247
Upstream Blk Time (%)	8	
Queuing Penalty (veh)	9	
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 57: Park Ave

Movement	EB
Directions Served	T
Maximum Queue (ft)	252
Average Queue (ft)	138
95th Queue (ft)	308
Link Distance (ft)	221
Upstream Blk Time (%)	21
Queuing Penalty (veh)	0
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 80: Almaden Blvd

Movement	NB	NB
Directions Served	T	T
Maximum Queue (ft)	95	113
Average Queue (ft)	38	52
95th Queue (ft)	80	92
Link Distance (ft)	457	457
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 81: SR 87 NB On

Movement

Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 82: SR 87 SB On

Movement

Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 83: SR 87 On/SR 87 NB On

Movement

Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 84: SR 87 SB On

Movement	SB	SB
Directions Served	L	T
Maximum Queue (ft)	324	337
Average Queue (ft)	87	285
95th Queue (ft)	259	393
Link Distance (ft)		331
Upstream Blk Time (%)	0	1
Queuing Penalty (veh)	0	12
Storage Bay Dist (ft)	300	
Storage Blk Time (%)	0	14
Queuing Penalty (veh)	0	17

Intersection: 85: I-280 SB Ramps

Movement	EB
Directions Served	T
Maximum Queue (ft)	837
Average Queue (ft)	710
95th Queue (ft)	916
Link Distance (ft)	702
Upstream Blk Time (%)	27
Queuing Penalty (veh)	216
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 86: I-280 NB Ramps

Movement
Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 101: Terraine St & St James St

Movement	EB	EB	EB	WB	WB	NB	SB
Directions Served	L	T	TR	T	TR	R	R
Maximum Queue (ft)	54	17	37	353	357	49	246
Average Queue (ft)	10	1	2	301	253	17	224
95th Queue (ft)	35	13	22	387	364	42	275
Link Distance (ft)	124	124	124	334	334	397	216
Upstream Blk Time (%)				10	3		79
Queuing Penalty (veh)				0	0		0
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Intersection: 102: Julian St & Pleasant St

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	T	T	T	T	R	L	R
Maximum Queue (ft)	338	339	196	211	123	125	300
Average Queue (ft)	196	288	65	60	18	106	101
95th Queue (ft)	420	388	155	153	65	141	261
Link Distance (ft)	284	284	220	220			335
Upstream Blk Time (%)	7	19	0	1			0
Queuing Penalty (veh)	41	110	1	1			0
Storage Bay Dist (ft)					125	100	
Storage Blk Time (%)				4		24	0
Queuing Penalty (veh)				2		9	0

Intersection: 103: Autumn St & Julian St

Movement	EB	EB	EB	WB	WB	WB	NB	SB	SB
Directions Served	L	T	TR	L	T	TR	LTR	LT	R
Maximum Queue (ft)	84	246	249	140	270	110	149	220	75
Average Queue (ft)	13	100	113	49	82	8	39	70	2
95th Queue (ft)	49	227	234	111	198	58	123	202	34
Link Distance (ft)		284	284		277	277	766	528	
Upstream Blk Time (%)		1	2		0	0		1	
Queuing Penalty (veh)		4	6		1	0		0	
Storage Bay Dist (ft)	90			90					130
Storage Blk Time (%)		13		4	5			5	
Queuing Penalty (veh)		2		8	4			1	

Intersection: 104: Montgomery St & Julian St

Movement	EB	EB	EB	WB	WB	WB	NB	NB	SB	SB
Directions Served	L	T	R	L	T	R	L	TR	LT	R
Maximum Queue (ft)	116	319	110	138	250	60	68	92	99	45
Average Queue (ft)	27	158	11	39	94	11	26	33	37	13
95th Queue (ft)	77	305	57	99	218	40	57	71	80	37
Link Distance (ft)		863			284	284		466	445	
Upstream Blk Time (%)					0					
Queuing Penalty (veh)					1					
Storage Bay Dist (ft)	65		50	90			110			100
Storage Blk Time (%)	0	23	0	1	7		0	0	0	
Queuing Penalty (veh)	2	11	0	2	3		0	0	0	

Intersection: 105: Montgomery St & Santa Clara St

Movement	EB	EB	WB	WB	WB	WB
Directions Served	T	TR	L	L	T	T
Maximum Queue (ft)	198	213	150	239	100	100
Average Queue (ft)	86	116	101	132	33	43
95th Queue (ft)	178	207	158	211	76	87
Link Distance (ft)	196	196		226	226	226
Upstream Blk Time (%)	0	2		1		
Queuing Penalty (veh)	2	8		5		
Storage Bay Dist (ft)			90			
Storage Blk Time (%)			22	36		
Queuing Penalty (veh)			29	47		

Intersection: 106: Autumn St & Santa Clara St

Movement	EB	EB	EB	WB	WB	NB	NB	NB	SB	SB
Directions Served	UL	T	T	T	TR	L	T	R	L	R
Maximum Queue (ft)	78	145	155	266	267	152	134	81	96	119
Average Queue (ft)	26	63	71	147	144	65	57	37	31	53
95th Queue (ft)	62	122	134	240	237	128	115	66	72	94
Link Distance (ft)		226	226	261	261	519	519		504	
Upstream Blk Time (%)			0	1	0					
Queuing Penalty (veh)			0	3	1					
Storage Bay Dist (ft)	50							200		100
Storage Blk Time (%)	11	23							0	1
Queuing Penalty (veh)	41	6							0	0

Intersection: 107: Almaden Blvd & Santa Clara St

Movement	EB	EB	EB	WB	WB	SB	SB
Directions Served	T	T	R	LT	T	LT	R
Maximum Queue (ft)	156	168	110	158	131	289	154
Average Queue (ft)	132	132	83	61	42	122	40
95th Queue (ft)	148	164	143	122	95	230	105
Link Distance (ft)	128	128		174	174	444	
Upstream Blk Time (%)	17	14	0	0	0	0	
Queuing Penalty (veh)	110	89	0	1	0	0	
Storage Bay Dist (ft)			50				75
Storage Blk Time (%)		29	5			27	0
Queuing Penalty (veh)		85	25			18	0

Intersection: 108: Almaden Blvd/Notre Dame Ave & Santa Clara St

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB
Directions Served	L	T	TR	L	T	TR	L	T	TR
Maximum Queue (ft)	186	83	85	120	244	238	144	166	149
Average Queue (ft)	115	32	37	81	140	130	55	82	50
95th Queue (ft)	187	68	76	135	240	230	113	145	114
Link Distance (ft)	174	174	174		227	227		346	346
Upstream Blk Time (%)	6				2	1			
Queuing Penalty (veh)	20				0	0			
Storage Bay Dist (ft)				60			300		
Storage Blk Time (%)				19	27				
Queuing Penalty (veh)				38	30				

Intersection: 109: Montgomery St & Park Ave

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	L	T	TR	L	T	TR	L	T	T	L	T	T
Maximum Queue (ft)	68	167	260	159	404	208	241	185	117	218	434	418
Average Queue (ft)	19	86	98	137	206	62	123	44	41	62	258	233
95th Queue (ft)	51	146	217	187	421	200	225	157	94	174	433	412
Link Distance (ft)		1117	1117		503			558	558		470	470
Upstream Blk Time (%)					5						6	7
Queuing Penalty (veh)					0						0	0
Storage Bay Dist (ft)	290			100		150	215			300		
Storage Blk Time (%)				41	10	0	4			0	12	31
Queuing Penalty (veh)				75	34	0	6			0	7	25

Intersection: 109: Montgomery St & Park Ave

Movement	SB
Directions Served	R
Maximum Queue (ft)	145
Average Queue (ft)	47
95th Queue (ft)	158
Link Distance (ft)	
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	85
Storage Blk Time (%)	0
Queuing Penalty (veh)	0

Intersection: 110: Almaden Blvd & Park Ave

Movement	EB	EB	EB	EB	WB	WB	WB	WB	NB	NB	NB	NB
Directions Served	L	L	T	R	L	T	T	R	L	L	T	T
Maximum Queue (ft)	113	136	153	160	180	444	344	107	166	182	237	209
Average Queue (ft)	38	65	47	13	141	196	123	13	83	96	103	59
95th Queue (ft)	90	114	114	87	208	441	316	68	167	190	300	225
Link Distance (ft)		858	858			669	669				554	554
Upstream Blk Time (%)						2	0				2	0
Queuing Penalty (veh)						0	0				0	0
Storage Bay Dist (ft)	190			120	80			50	160	160		
Storage Blk Time (%)			2	1	47	28	36	0	8	8	0	8
Queuing Penalty (veh)			4	1	59	53	13	0	7	7	0	2

Intersection: 110: Almaden Blvd & Park Ave

Movement	SB	SB	SB	SB
Directions Served	L	T	T	R
Maximum Queue (ft)	229	519	511	150
Average Queue (ft)	33	303	300	95
95th Queue (ft)	130	476	514	212
Link Distance (ft)		559	559	
Upstream Blk Time (%)		1	8	
Queuing Penalty (veh)		0	0	
Storage Bay Dist (ft)	170			50
Storage Blk Time (%)		29	32	2
Queuing Penalty (veh)		7	123	7

Intersection: 111: Delmas Ave & San Carlos St

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	T	TR	L	T	T	LT	TR
Maximum Queue (ft)	354	307	141	223	225	476	492
Average Queue (ft)	183	142	56	71	77	278	368
95th Queue (ft)	287	255	121	173	176	565	569
Link Distance (ft)	506	506		387	387	467	467
Upstream Blk Time (%)	0	0				4	11
Queuing Penalty (veh)	0	0				12	34
Storage Bay Dist (ft)			150				
Storage Blk Time (%)			2	2			
Queuing Penalty (veh)			3	1			

Intersection: 112: Woz Way & San Carlos St

Movement	EB	EB	EB	WB	WB	WB	NB	NB	SB	SB	SE	NW
Directions Served	<	T	TR>	LT	T	>	<	T>	<	TR	<	>
Maximum Queue (ft)	240	396	388	346	320	210	134	264	169	205	48	32
Average Queue (ft)	99	230	220	197	151	101	61	186	44	142	7	5
95th Queue (ft)	234	383	369	302	292	188	143	300	119	237	29	23
Link Distance (ft)		387	387	714	714			247		189	88	80
Upstream Blk Time (%)		1	1					18	0	16	0	
Queuing Penalty (veh)		5	3					42	0	37	0	
Storage Bay Dist (ft)	150					150	75		150			
Storage Blk Time (%)	6	28			9	7	8	56	0	25		
Queuing Penalty (veh)	17	23			8	11	13	38	0	12		

Intersection: 112: Woz Way & San Carlos St

Movement	SW	SW
Directions Served	<	>
Maximum Queue (ft)	31	14
Average Queue (ft)	4	2
95th Queue (ft)	18	9
Link Distance (ft)	188	188
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 113: Bird Ave & Auzerais Ave

Movement	EB	EB	WB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LT	R	LT	R	L	T	T	TR	L	T	T	TR
Maximum Queue (ft)	389	160	649	67	138	186	160	164	246	495	482	514
Average Queue (ft)	164	60	466	21	100	125	104	115	70	271	210	266
95th Queue (ft)	362	186	823	74	154	185	162	172	213	534	474	531
Link Distance (ft)	712		632			139	139	139		506	506	506
Upstream Blk Time (%)	1		53		2	7	2	4		5	1	7
Queuing Penalty (veh)	0		0		0	18	5	11		28	5	38
Storage Bay Dist (ft)		100		50	100				200			
Storage Blk Time (%)	23	1	88	0	16	11				32		
Queuing Penalty (veh)	69	2	29	0	28	13				14		

Intersection: 114: Woz Way & Auzerais Ave

Movement	EB	EB	WB	NB	NB	SB	NE	SW
Directions Served	<	R	<LTR	L	T	TR>	T	T
Maximum Queue (ft)	105	244	45	166	168	181	20	48
Average Queue (ft)	26	107	10	72	67	66	3	5
95th Queue (ft)	82	196	34	137	149	147	14	26
Link Distance (ft)	429	429	310	197	197	206	205	88
Upstream Blk Time (%)				0	5	0		0
Queuing Penalty (veh)				0	5	1		0
Storage Bay Dist (ft)								
Storage Blk Time (%)								
Queuing Penalty (veh)								

Intersection: 115: Bird Ave & Virginia St

Movement	EB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LTR	LTR	L	T	T	TR	L	T	T	TR
Maximum Queue (ft)	95	210	63	137	271	360	249	372	291	186
Average Queue (ft)	33	81	11	63	72	181	178	83	50	64
95th Queue (ft)	75	162	44	124	189	327	272	281	152	134
Link Distance (ft)	303	623			457	457		502	502	502
Upstream Blk Time (%)					0	0				
Queuing Penalty (veh)					0	0				
Storage Bay Dist (ft)			100	100			190			
Storage Blk Time (%)			0	4	1		16	0		
Queuing Penalty (veh)			0	8	2		62	0		

Intersection: 123: VTA LRT & Park Ave

Movement	EB	EB	WB	WB	WB	NB	SB
Directions Served	T	T	T	T	T	T	T
Maximum Queue (ft)	30	38	36	29	9	46	49
Average Queue (ft)	5	6	17	2	0	7	8
95th Queue (ft)	22	27	39	15	10	30	32
Link Distance (ft)	22	22	16	16	16	308	489
Upstream Blk Time (%)	7	7	22	1	0		
Queuing Penalty (veh)	13	12	39	3	0		
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Intersection: 223: Park Ave & SR 87 SB Off

Movement	EB	EB	WB	WB	WB	SB	SB	SB
Directions Served	T	T	T	T	T	L	L	R
Maximum Queue (ft)	32	36	99	268	136	120	202	281
Average Queue (ft)	4	6	79	212	19	27	63	138
95th Queue (ft)	19	25	127	311	121	81	157	249
Link Distance (ft)	16	16		233	233		739	
Upstream Blk Time (%)	4	7		32	3			
Queuing Penalty (veh)	7	12		63	5			
Storage Bay Dist (ft)			75			400		350
Storage Blk Time (%)			40	23		0	0	0
Queuing Penalty (veh)			53	30		0	1	0

Intersection: 301: VTA LRT

Movement
Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 302:

Movement
Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 303:

Movement

Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 304:

Movement

Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Network Summary

Network wide Queuing Penalty: 5080

Intersection: 13: Stockton Ave & Julian St

Movement	EB	EB	WB	WB	NB	NB	NB	SB	SB
Directions Served	LT	R	LT	R	L	T	R	L	TR
Maximum Queue (ft)	349	110	606	110	120	523	160	181	233
Average Queue (ft)	158	28	266	100	50	427	122	94	94
95th Queue (ft)	288	102	509	137	116	619	210	161	182
Link Distance (ft)	607		863			422			609
Upstream Blk Time (%)						37			
Queuing Penalty (veh)						234			
Storage Bay Dist (ft)		50		50	60		100	110	
Storage Blk Time (%)	45	0	45	27	8	64	4	8	3
Queuing Penalty (veh)	17	0	144	60	45	147	17	14	5

Intersection: 14: White St/Stockton Ave & The Alameda/Santa Clara St

Movement	EB	EB	EB	WB	WB	WB	NB	SB	SB
Directions Served	L	T	TR	T	T	R	LTR	L	LTR
Maximum Queue (ft)	189	480	428	452	449	110	32	184	245
Average Queue (ft)	134	120	88	300	331	93	4	39	116
95th Queue (ft)	208	360	273	534	554	143	21	112	204
Link Distance (ft)		723	723	428	428		351		297
Upstream Blk Time (%)		0		4	8				0
Queuing Penalty (veh)		0		29	54				0
Storage Bay Dist (ft)	130					50		180	
Storage Blk Time (%)	22	0			38	30		0	3
Queuing Penalty (veh)	57	1			169	133		0	2

Intersection: 15: Cahill St & Santa Clara St

Movement	EB	EB	WB	WB	WB	NB	NB	SB
Directions Served	T	TR	L	T	TR	LT	R	LTR
Maximum Queue (ft)	177	215	192	207	220	118	229	37
Average Queue (ft)	74	94	100	81	116	82	74	5
95th Queue (ft)	146	174	176	201	235	128	177	24
Link Distance (ft)	428	428	196	196	196		582	398
Upstream Blk Time (%)			1	5	9			
Queuing Penalty (veh)			3	22	41			
Storage Bay Dist (ft)						60		
Storage Blk Time (%)						35	2	
Queuing Penalty (veh)						32	2	

Intersection: 16: Bird Ave/Montgomery St & San Carlos St

Movement	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	NB	SB
Directions Served	UL	T	T	R	L	T	TR	UL	T	T	R	L
Maximum Queue (ft)	135	370	328	97	181	286	248	275	545	542	519	138
Average Queue (ft)	115	189	140	5	75	162	125	233	359	327	199	55
95th Queue (ft)	163	320	275	58	150	244	222	319	600	583	536	111
Link Distance (ft)		1094	1094			624	624		506	506	506	
Upstream Blk Time (%)									3	1	0	
Queuing Penalty (veh)									20	9	3	
Storage Bay Dist (ft)	75			160	130			215				300
Storage Blk Time (%)	40	38	2		2	19		13	10			
Queuing Penalty (veh)	70	64	5		4	14		84	31			

Intersection: 16: Bird Ave/Montgomery St & San Carlos St

Movement	SB	SB	SB	SB
Directions Served	T	T	T	R
Maximum Queue (ft)	185	73	131	92
Average Queue (ft)	78	10	39	7
95th Queue (ft)	156	40	95	43
Link Distance (ft)	558	558	558	
Upstream Blk Time (%)				
Queuing Penalty (veh)				
Storage Bay Dist (ft)				50
Storage Blk Time (%)			10	0
Queuing Penalty (veh)			9	0

Intersection: 17: Bird Ave & I-280 NB Ramps

Movement	WB	WB	WB	B73	B73	NB	NB	NB	NB	SB	SB	SB
Directions Served	L	LTR	R	T	T	L	T	T	T	T	T	T
Maximum Queue (ft)	344	964	932	287	266	448	489	470	469	162	136	126
Average Queue (ft)	215	620	582	70	61	313	339	297	279	142	72	60
95th Queue (ft)	423	1388	1365	350	317	473	530	488	467	161	117	115
Link Distance (ft)		1333	1333	978	978		456	456	456	139	139	139
Upstream Blk Time (%)		18	12			3	7	1	1	35	0	0
Queuing Penalty (veh)		0	0			0	42	7	7	80	0	1
Storage Bay Dist (ft)	230					450						
Storage Blk Time (%)	2	54				4	7					
Queuing Penalty (veh)	7	51				20	21					

Intersection: 17: Bird Ave & I-280 NB Ramps

Movement	SB
Directions Served	R
Maximum Queue (ft)	145
Average Queue (ft)	31
95th Queue (ft)	116
Link Distance (ft)	139
Upstream Blk Time (%)	0
Queuing Penalty (veh)	1
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 18: Bird Ave & I-280 SB Ramps

Movement	EB	EB	EB	B76	NB	NB	NB	SB	SB	SB	SB
Directions Served	L	LT	R	T	T	T	TR	L	T	T	T
Maximum Queue (ft)	404	529	170	43	444	454	473	400	270	186	87
Average Queue (ft)	177	198	65	2	220	184	203	320	78	50	18
95th Queue (ft)	331	402	199	45	429	381	385	407	197	133	58
Link Distance (ft)		1127		981	502	502	502		456	456	456
Upstream Blk Time (%)		0			2	0	0		0	0	
Queuing Penalty (veh)		0			12	1	1		1	0	
Storage Bay Dist (ft)	575		80					450			
Storage Blk Time (%)	1	45							0		
Queuing Penalty (veh)	4	158							1		

Intersection: 19: Julian St & Autumn Pkwy

Movement	EB	EB	EB	WB	WB	SB	SB	SB
Directions Served	L	T	T	T	TR	L	L	R
Maximum Queue (ft)	134	202	280	308	280	46	171	64
Average Queue (ft)	57	21	92	133	76	6	57	29
95th Queue (ft)	116	110	232	289	203	26	121	57
Link Distance (ft)		277	277	284	284		675	675
Upstream Blk Time (%)		0	1	2	0			
Queuing Penalty (veh)		0	4	4	1			
Storage Bay Dist (ft)	90					180		
Storage Blk Time (%)	4	0					0	
Queuing Penalty (veh)	9	0					0	

Intersection: 20: Almaden Blvd & SR 87 SB On & Julian St

Movement	EB	EB	EB	EB	WB	WB	WB	SB	SB	SB
Directions Served	T	T	TR>	>	L	T	T	<	T	R
Maximum Queue (ft)	79	119	223	110	112	246	308	285	239	144
Average Queue (ft)	18	38	104	12	28	60	93	152	134	56
95th Queue (ft)	53	97	221	68	83	170	224	250	216	110
Link Distance (ft)	215	215	215			438	438		1058	
Upstream Blk Time (%)			1				0			
Queuing Penalty (veh)			2				0			
Storage Bay Dist (ft)				50	375			385		385
Storage Blk Time (%)			15	0						
Queuing Penalty (veh)			3	0						

Intersection: 21: SR 87 NB Off & Notre Dame Ave/SR 87 NB On & Julian St/St James St

Movement	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	NB	NE
Directions Served	L	L	T	T	T	T	R	L	LT	T	R	<
Maximum Queue (ft)	94	100	416	419	155	136	45	320	442	372	356	267
Average Queue (ft)	24	42	252	261	100	70	8	170	289	225	172	161
95th Queue (ft)	66	85	380	385	164	140	29	284	411	353	294	274
Link Distance (ft)		438	438	438	124	124	124	442	442	442	442	
Upstream Blk Time (%)			0	0	22	6			0	0		
Queuing Penalty (veh)			1	1	31	9			0	0		
Storage Bay Dist (ft)	375											180
Storage Blk Time (%)												6
Queuing Penalty (veh)												35

Intersection: 21: SR 87 NB Off & Notre Dame Ave/SR 87 NB On & Julian St/St James St

Movement	NE	NE	NE	B77
Directions Served	<L	R	R	T
Maximum Queue (ft)	353	573	386	31
Average Queue (ft)	203	213	190	2
95th Queue (ft)	336	418	334	42
Link Distance (ft)		850		959
Upstream Blk Time (%)		0		
Queuing Penalty (veh)		0		
Storage Bay Dist (ft)	180		180	
Storage Blk Time (%)	13	12	10	
Queuing Penalty (veh)	84	99	82	

Intersection: 22: SR 87 NB Off & Santa Clara St

Movement	EB	EB	WB	WB	NB	NB	NB	NB	B44	B44
Directions Served	T	T	T	T	L	L	R	R	T	T
Maximum Queue (ft)	211	219	178	191	211	590	822	240	13	40
Average Queue (ft)	148	165	151	156	110	149	376	219	0	2
95th Queue (ft)	231	237	165	177	186	356	733	276	0	25
Link Distance (ft)	193	193	145	145		919	919		970	970
Upstream Blk Time (%)	9	14	32	32		0	1			
Queuing Penalty (veh)	29	45	140	145		0	0			
Storage Bay Dist (ft)					120			120		
Storage Blk Time (%)					6	10	31	32		
Queuing Penalty (veh)					18	31	171	177		

Intersection: 23: Delmas Ave & Park Ave

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	T	R	L	T	TR	LT	TR
Maximum Queue (ft)	308	160	64	55	38	114	146
Average Queue (ft)	279	67	34	18	11	44	59
95th Queue (ft)	302	179	56	46	35	92	115
Link Distance (ft)	214		26	26	26		575
Upstream Blk Time (%)	64		50	11	2		
Queuing Penalty (veh)	341		76	17	4		
Storage Bay Dist (ft)		100				400	
Storage Blk Time (%)	68	0					
Queuing Penalty (veh)	48	0					

Intersection: 24: Woz Way/SR 87 On & Park Ave

Movement	EB	EB	EB	WB	WB	WB	WB	NB	NB
Directions Served	L	T	TR	L	T	T	R	LT	R
Maximum Queue (ft)	206	280	268	82	94	50	97	222	160
Average Queue (ft)	124	125	186	16	32	3	20	170	71
95th Queue (ft)	212	269	317	48	78	23	66	253	167
Link Distance (ft)		249	249		878	878		210	
Upstream Blk Time (%)		2	6					6	
Queuing Penalty (veh)		12	33					28	
Storage Bay Dist (ft)	150			250			140		100
Storage Blk Time (%)	8	6					0	25	0
Queuing Penalty (veh)	31	12					0	24	0

Intersection: 25: SR 87 SB On/Delmas Ave & Auzerais Ave

Movement	EB	WB	WB	SB	SB
Directions Served	TR	L	T	L	TR
Maximum Queue (ft)	205	74	166	106	240
Average Queue (ft)	91	21	52	40	102
95th Queue (ft)	158	56	127	83	195
Link Distance (ft)	599		429	533	533
Upstream Blk Time (%)					
Queuing Penalty (veh)					
Storage Bay Dist (ft)		150			
Storage Blk Time (%)		0	1		
Queuing Penalty (veh)		0	0		

Intersection: 26: Woz Way & SR 87 NB Off

Movement	EB	EB	EB	B98	NB	SB
Directions Served	L	L	R	T	T	T
Maximum Queue (ft)	219	403	200	27	814	198
Average Queue (ft)	121	129	62	2	374	85
95th Queue (ft)	224	357	171	30	904	181
Link Distance (ft)		596		972	1007	197
Upstream Blk Time (%)		1			7	1
Queuing Penalty (veh)		0			0	3
Storage Bay Dist (ft)	120		190			
Storage Blk Time (%)	25	18				
Queuing Penalty (veh)	82	59				

Intersection: 51: Stockton Ave

Movement	NB	SB
Directions Served	LT	TR
Maximum Queue (ft)	348	103
Average Queue (ft)	165	6
95th Queue (ft)	411	50
Link Distance (ft)	297	422
Upstream Blk Time (%)	14	
Queuing Penalty (veh)	92	
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 52: Delmas Ave & Santa Clara St

Movement	WB	WB
Directions Served	T	T
Maximum Queue (ft)	400	419
Average Queue (ft)	98	126
95th Queue (ft)	346	378
Link Distance (ft)	567	567
Upstream Blk Time (%)	1	1
Queuing Penalty (veh)	6	8
Storage Bay Dist (ft)		
Storage Blk Time (%)	7	
Queuing Penalty (veh)	0	

Intersection: 53: Parking & Santa Clara St

Movement	EB	EB	WB	WB
Directions Served	T	TR	T	T
Maximum Queue (ft)	187	219	76	77
Average Queue (ft)	31	48	6	7
95th Queue (ft)	141	171	56	60
Link Distance (ft)	567	567	193	193
Upstream Blk Time (%)			0	0
Queuing Penalty (veh)			2	3
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 54: Almaden Plaza & Santa Clara St

Movement	EB	EB	WB	WB
Directions Served	T	TR	T	T
Maximum Queue (ft)	179	173	177	187
Average Queue (ft)	106	117	143	144
95th Queue (ft)	197	204	180	188
Link Distance (ft)	145	145	133	133
Upstream Blk Time (%)	8	11	19	20
Queuing Penalty (veh)	67	92	57	60
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 55: Woz Way

Movement	NB	SB	SB
Directions Served	TR	L	T
Maximum Queue (ft)	198	104	122
Average Queue (ft)	54	49	8
95th Queue (ft)	170	95	64
Link Distance (ft)	189		210
Upstream Blk Time (%)	1		0
Queuing Penalty (veh)	6		0
Storage Bay Dist (ft)		50	
Storage Blk Time (%)		10	0
Queuing Penalty (veh)		6	0

Intersection: 56: Woz Way

Movement	NB	NB
Directions Served	T	R
Maximum Queue (ft)	324	272
Average Queue (ft)	259	82
95th Queue (ft)	393	267
Link Distance (ft)	206	206
Upstream Blk Time (%)	52	14
Queuing Penalty (veh)	156	41
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 57: Park Ave

Movement	EB
Directions Served	T
Maximum Queue (ft)	266
Average Queue (ft)	221
95th Queue (ft)	314
Link Distance (ft)	221
Upstream Blk Time (%)	55
Queuing Penalty (veh)	0
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 81: SR 87 NB On

Movement	NB	NB	NB
Directions Served	L	T	T
Maximum Queue (ft)	125	238	248
Average Queue (ft)	45	119	127
95th Queue (ft)	96	224	228
Link Distance (ft)		511	511
Upstream Blk Time (%)			
Queuing Penalty (veh)			
Storage Bay Dist (ft)	450		
Storage Blk Time (%)			
Queuing Penalty (veh)			

Intersection: 82: SR 87 SB On

Movement
Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 83: SR 87 On/SR 87 NB On

Movement	NB	NB
Directions Served	L	T
Maximum Queue (ft)	76	228
Average Queue (ft)	36	133
95th Queue (ft)	64	205
Link Distance (ft)		314
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)	300	
Storage Blk Time (%)		0
Queuing Penalty (veh)		0

Intersection: 84: SR 87 SB On

Movement
Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 85: I-280 SB Ramps

Movement

Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 86: I-280 NB Ramps

Movement

Movement	WB	WB
Directions Served	T	T
Maximum Queue (ft)	89	97
Average Queue (ft)	49	62
95th Queue (ft)	78	88
Link Distance (ft)	381	381
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 101: Terraine St & St James St

Movement

Movement	EB	EB	EB	WB	WB	NB	SB
Directions Served	L	T	TR	T	TR	R	R
Maximum Queue (ft)	67	59	67	344	282	36	226
Average Queue (ft)	15	3	4	196	115	6	110
95th Queue (ft)	47	35	40	324	246	26	235
Link Distance (ft)	124	124	124	334	334	397	216
Upstream Blk Time (%)		0	1	1	0		13
Queuing Penalty (veh)		0	2	0	0		0
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Intersection: 102: Julian St & Pleasant St

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	LT	T	T	T	R	L	R
Maximum Queue (ft)	101	306	243	245	177	72	27
Average Queue (ft)	27	176	116	95	71	18	3
95th Queue (ft)	74	325	243	229	163	52	17
Link Distance (ft)	284	284	215	215			335
Upstream Blk Time (%)		4	2	1			
Queuing Penalty (veh)		13	10	6			
Storage Bay Dist (ft)					125	100	
Storage Blk Time (%)				5	1	0	
Queuing Penalty (veh)				14	2	0	

Intersection: 103: Autumn St & Julian St

Movement	EB	EB	EB	WB	WB	WB	NB	SB
Directions Served	L	T	TR	L	T	TR	LTR	LT
Maximum Queue (ft)	28	161	225	108	270	60	169	42
Average Queue (ft)	5	39	77	25	67	7	63	10
95th Queue (ft)	23	106	175	70	203	34	129	33
Link Distance (ft)		284	284		277	277	766	528
Upstream Blk Time (%)		0	0		1			
Queuing Penalty (veh)		0	0		1			
Storage Bay Dist (ft)	90			90				
Storage Blk Time (%)		2		0	3			
Queuing Penalty (veh)		0		1	1			

Intersection: 104: Montgomery St & Julian St

Movement	EB	EB	EB	WB	WB	WB	NB	NB	SB	SB
Directions Served	L	T	R	L	T	R	L	TR	LT	R
Maximum Queue (ft)	93	315	104	108	310	57	98	53	80	54
Average Queue (ft)	19	108	9	21	89	10	40	15	26	18
95th Queue (ft)	61	242	51	68	219	34	81	45	64	44
Link Distance (ft)		863			284	284		466	445	
Upstream Blk Time (%)					0					
Queuing Penalty (veh)					1					
Storage Bay Dist (ft)	65		50	90			110			100
Storage Blk Time (%)	0	13	0	0	6		0	0	0	
Queuing Penalty (veh)	3	4	0	1	1		0	0	0	

Intersection: 105: Montgomery St & Santa Clara St

Movement	EB	EB	WB	WB	WB	WB
Directions Served	T	TR	L	L	T	T
Maximum Queue (ft)	192	200	150	244	244	248
Average Queue (ft)	61	84	108	147	110	138
95th Queue (ft)	160	187	168	232	252	287
Link Distance (ft)	196	196		230	230	230
Upstream Blk Time (%)	0	0		3	2	4
Queuing Penalty (veh)	1	2		16	12	25
Storage Bay Dist (ft)			90			
Storage Blk Time (%)			16	34		
Queuing Penalty (veh)			21	44		

Intersection: 106: Autumn St & Santa Clara St

Movement	EB	EB	EB	WB	WB	NB	NB	NB	SB	SB
Directions Served	UL	T	T	T	TR	L	T	R	L	R
Maximum Queue (ft)	61	128	149	293	295	268	271	112	84	103
Average Queue (ft)	14	43	53	227	243	134	134	45	27	38
95th Queue (ft)	43	100	119	340	336	231	228	93	69	79
Link Distance (ft)		230	230	266	266	523	523		508	
Upstream Blk Time (%)				10	13					
Queuing Penalty (veh)				72	100					
Storage Bay Dist (ft)	50							200		100
Storage Blk Time (%)	4	11					2		1	1
Queuing Penalty (veh)	11	2					3		0	0

Intersection: 107: Almaden Blvd & Santa Clara St

Movement	EB	EB	EB	WB	WB	SB	SB
Directions Served	T	T	R	T	T	LT	R
Maximum Queue (ft)	154	178	110	239	243	235	163
Average Queue (ft)	132	142	82	170	166	112	51
95th Queue (ft)	163	180	148	284	289	196	121
Link Distance (ft)	133	133		203	203	448	
Upstream Blk Time (%)	20	21		19	18		
Queuing Penalty (veh)	171	183		79	73		
Storage Bay Dist (ft)			50				75
Storage Blk Time (%)		32	4			24	2
Queuing Penalty (veh)		124	27			19	4

Intersection: 108: Almaden Blvd/Notre Dame Ave & Santa Clara St

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB
Directions Served	L	T	T	L	T	TR	L	T	TR
Maximum Queue (ft)	189	128	132	119	268	274	320	352	345
Average Queue (ft)	97	63	63	43	210	204	149	208	168
95th Queue (ft)	169	111	111	105	289	294	345	363	325
Link Distance (ft)	203	203	203		231	231		358	358
Upstream Blk Time (%)	0				12	13	5	11	4
Queuing Penalty (veh)	2				0	0	0	0	0
Storage Bay Dist (ft)				60			300		
Storage Blk Time (%)				3	47		16	3	
Queuing Penalty (veh)				11	17		37	3	

Intersection: 109: Montgomery St & Park Ave

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	L	T	TR	L	T	TR	L	T	T	L	T	T
Maximum Queue (ft)	100	179	255	101	194	167	275	552	560	74	224	184
Average Queue (ft)	35	85	84	32	90	23	243	262	194	19	106	79
95th Queue (ft)	79	152	208	76	163	100	322	611	536	55	184	151
Link Distance (ft)		1117	1117		503			558	558		470	470
Upstream Blk Time (%)								1	0			
Queuing Penalty (veh)								5	3			
Storage Bay Dist (ft)	290			100		150	215			300		
Storage Blk Time (%)				1	15	0	20	0	0			8
Queuing Penalty (veh)				1	15	0	91	0	0			3

Intersection: 109: Montgomery St & Park Ave

Movement	SB
Directions Served	R
Maximum Queue (ft)	96
Average Queue (ft)	5
95th Queue (ft)	46
Link Distance (ft)	
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	85
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 110: Almaden Blvd & Park Ave

Movement	EB	EB	EB	EB	WB	WB	WB	WB	NB	NB	NB	NB
Directions Served	L	L	T	R	L	T	T	R	L	L	T	T
Maximum Queue (ft)	261	363	304	207	170	164	38	66	127	146	94	56
Average Queue (ft)	158	188	90	57	98	15	5	17	50	63	35	9
95th Queue (ft)	261	321	218	202	161	79	25	50	102	123	79	36
Link Distance (ft)		878	878			669	669				554	554
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	190			120	80			50	160	160		
Storage Blk Time (%)	6	14	4	3	34	0	0	1	0	1		1
Queuing Penalty (veh)	12	28	15	2	2	0	0	0	0	0		0

Intersection: 110: Almaden Blvd & Park Ave

Movement	SB	SB	SB	SB
Directions Served	L	T	T	R
Maximum Queue (ft)	230	575	516	150
Average Queue (ft)	51	353	297	42
95th Queue (ft)	160	522	456	153
Link Distance (ft)		559	559	
Upstream Blk Time (%)		1	0	
Queuing Penalty (veh)		0	0	
Storage Bay Dist (ft)	170			50
Storage Blk Time (%)		36	40	
Queuing Penalty (veh)		11	38	

Intersection: 111: Delmas Ave & San Carlos St

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	T	TR	L	T	T	LT	TR
Maximum Queue (ft)	266	205	80	161	178	220	243
Average Queue (ft)	131	70	22	53	55	72	118
95th Queue (ft)	248	179	59	128	140	151	208
Link Distance (ft)	506	506		387	387	483	483
Upstream Blk Time (%)							
Queuing Penalty (veh)							
Storage Bay Dist (ft)			150				
Storage Blk Time (%)				0			
Queuing Penalty (veh)				0			

Intersection: 112: Woz Way & San Carlos St

Movement	EB	EB	EB	WB	WB	WB	NB	NB	SB	SB	SE	NW
Directions Served	<	T	TR>	LT	T	>	<	TR>	<	TR	<	>
Maximum Queue (ft)	239	369	339	330	322	207	135	335	81	98	40	38
Average Queue (ft)	171	199	164	202	164	119	76	306	26	32	6	5
95th Queue (ft)	271	377	316	311	299	206	168	344	64	78	25	25
Link Distance (ft)		387	387	714	714			247		189	88	80
Upstream Blk Time (%)		5	0					60			0	0
Queuing Penalty (veh)		16	0					355			0	0
Storage Bay Dist (ft)	150					150	75		150			
Storage Blk Time (%)	31	11			10	8	9	67				
Queuing Penalty (veh)	64	23			11	10	40	81				

Intersection: 112: Woz Way & San Carlos St

Movement	SW	SW
Directions Served	<	>
Maximum Queue (ft)	26	18
Average Queue (ft)	4	2
95th Queue (ft)	17	9
Link Distance (ft)	188	188
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 113: Bird Ave & Auzerais Ave

Movement	EB	EB	WB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LT	R	LT	R	L	T	T	TR	L	T	T	TR
Maximum Queue (ft)	198	128	660	67	139	210	195	179	134	258	77	140
Average Queue (ft)	81	12	568	12	121	165	148	145	28	110	15	53
95th Queue (ft)	157	82	818	55	155	197	194	181	84	226	50	111
Link Distance (ft)	712		632			139	139	139		506	506	506
Upstream Blk Time (%)			70		15	39	20	22				
Queuing Penalty (veh)			0		0	274	143	155				
Storage Bay Dist (ft)		100		50	100				200			
Storage Blk Time (%)	7		94	0	48	25				3		
Queuing Penalty (veh)	13		25	0	290	45				1		

Intersection: 114: Woz Way & Auzerais Ave

Movement	EB	EB	WB	NB	NB	NB	SB	NE	SW
Directions Served	<	R	LTR	L	T	T	TR>	T	T
Maximum Queue (ft)	257	242	52	190	243	240	154	31	45
Average Queue (ft)	98	103	7	80	186	172	48	5	9
95th Queue (ft)	231	195	30	162	271	287	110	23	32
Link Distance (ft)	429	429	310	197	197	197	206	205	88
Upstream Blk Time (%)				1	40	29	0		0
Queuing Penalty (veh)				2	83	61	0		0
Storage Bay Dist (ft)									
Storage Blk Time (%)									
Queuing Penalty (veh)									

Intersection: 115: Bird Ave & Virginia St

Movement	EB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LTR	LTR	L	T	T	TR	L	T	T	TR
Maximum Queue (ft)	194	595	123	160	493	490	248	313	179	131
Average Queue (ft)	85	340	37	151	367	389	154	38	47	60
95th Queue (ft)	156	606	97	186	548	555	245	182	120	112
Link Distance (ft)	303	623			457	457		502	502	502
Upstream Blk Time (%)		9			9	12				
Queuing Penalty (veh)		0			0	0				
Storage Bay Dist (ft)			100	100			190			
Storage Blk Time (%)			0	28	30		11	0		
Queuing Penalty (veh)			0	128	145		13	0		

Intersection: 123: VTA LRT & Park Ave

Movement	EB	EB	WB	WB	WB	NB	SB
Directions Served	T	T	T	T	T	T	T
Maximum Queue (ft)	47	44	71	15	25	42	43
Average Queue (ft)	17	11	30	1	2	6	6
95th Queue (ft)	42	35	62	10	15	27	27
Link Distance (ft)	26	26	16	16	16	310	489
Upstream Blk Time (%)	24	13	35	1	0		
Queuing Penalty (veh)	58	31	52	1	0		
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Intersection: 223: Park Ave & SR 87 SB Off

Movement	EB	EB	WB	WB	WB	SB	SB	SB	B78
Directions Served	T	T	T	T	T	L	L	R	T
Maximum Queue (ft)	39	38	132	203	10	489	777	470	649
Average Queue (ft)	14	9	72	56	0	268	470	336	159
95th Queue (ft)	37	31	135	147	5	510	849	545	691
Link Distance (ft)	16	16		249	249		711		979
Upstream Blk Time (%)	17	9		0			11		5
Queuing Penalty (veh)	42	21		0			0		0
Storage Bay Dist (ft)			75			400		350	
Storage Blk Time (%)			28	3		0	16	20	
Queuing Penalty (veh)			13	1		0	105	132	

Intersection: 301: VTA LRT

Movement
Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 302:

Movement
Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 303:

Movement

Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 304:

Movement

Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Network Summary

Network wide Queuing Penalty: 8233

Intersection: 13: Stockton Ave & Julian St

Movement	EB	EB	WB	WB	NB	NB	NB	SB	SB
Directions Served	LT	R	LT	R	L	T	R	L	TR
Maximum Queue (ft)	640	110	880	110	119	475	160	185	661
Average Queue (ft)	445	33	711	80	50	273	125	176	621
95th Queue (ft)	804	114	1080	147	117	529	201	208	677
Link Distance (ft)	607		863			422			609
Upstream Blk Time (%)	54		14			16			80
Queuing Penalty (veh)	0		95			73			0
Storage Bay Dist (ft)		50		50	60		100	110	
Storage Blk Time (%)	78	0	69	4	7	37	34	72	33
Queuing Penalty (veh)	35	0	124	18	30	84	90	407	73

Intersection: 14: White St/Stockton Ave & The Alameda/Santa Clara St

Movement	EB	EB	EB	WB	WB	WB	NB	SB	SB
Directions Served	L	T	TR	T	T	R	LTR	L	TR
Maximum Queue (ft)	189	389	378	392	413	110	40	236	277
Average Queue (ft)	122	169	170	169	200	80	7	117	108
95th Queue (ft)	206	332	320	342	400	143	30	224	218
Link Distance (ft)		723	723	428	428		351		297
Upstream Blk Time (%)				0	1				0
Queuing Penalty (veh)				0	3				2
Storage Bay Dist (ft)	130					50		180	
Storage Blk Time (%)	11	8			34	12		4	1
Queuing Penalty (veh)	53	14			103	37		17	5

Intersection: 15: Cahill St & Santa Clara St

Movement	EB	EB	WB	WB	WB	NB	NB	SB
Directions Served	T	TR	L	T	TR	LT	R	LTR
Maximum Queue (ft)	336	363	189	77	108	116	164	84
Average Queue (ft)	129	162	96	6	14	62	60	29
95th Queue (ft)	266	302	167	42	60	105	120	66
Link Distance (ft)	428	428	196	196	196		582	398
Upstream Blk Time (%)	0	0	1		0			
Queuing Penalty (veh)	0	0	3		0			
Storage Bay Dist (ft)						60		
Storage Blk Time (%)						25	10	
Queuing Penalty (veh)						23	8	

Intersection: 16: Bird Ave/Montgomery St & San Carlos St

Movement	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	NB	SB
Directions Served	UL	T	T	R	L	T	TR	UL	T	T	R	L
Maximum Queue (ft)	135	877	896	220	189	375	324	256	282	197	87	342
Average Queue (ft)	106	543	561	211	161	179	100	152	87	68	6	148
95th Queue (ft)	162	944	984	271	216	343	231	244	241	154	76	348
Link Distance (ft)		1094	1094			624	624		506	506	506	
Upstream Blk Time (%)		1	3						0	0	0	
Queuing Penalty (veh)		0	0						0	0	0	
Storage Bay Dist (ft)	75			160	130			215				300
Storage Blk Time (%)	36	61	43	18	29	3		11	4			0
Queuing Penalty (veh)	153	71	209	76	48	7		24	7			0

Intersection: 16: Bird Ave/Montgomery St & San Carlos St

Movement	SB	SB	SB	SB
Directions Served	T	T	T	R
Maximum Queue (ft)	502	520	598	110
Average Queue (ft)	304	267	355	56
95th Queue (ft)	546	551	655	144
Link Distance (ft)	558	558	558	
Upstream Blk Time (%)	1	0	4	
Queuing Penalty (veh)	5	1	18	
Storage Bay Dist (ft)				50
Storage Blk Time (%)	13		59	0
Queuing Penalty (veh)	15		49	0

Intersection: 17: Bird Ave & I-280 NB Ramps

Movement	WB	WB	WB	B73	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	L	LTR	R	T	L	T	T	T	T	T	T	R
Maximum Queue (ft)	350	924	820	12	210	144	88	110	162	174	219	203
Average Queue (ft)	306	511	388	2	81	29	18	29	141	107	133	125
95th Queue (ft)	416	973	872	26	172	89	59	82	163	160	217	223
Link Distance (ft)		1333	1333	978		456	456	456	139	139	139	139
Upstream Blk Time (%)		1	0						30	2	7	7
Queuing Penalty (veh)		0	0						167	11	37	37
Storage Bay Dist (ft)	230				450							
Storage Blk Time (%)	38	58										
Queuing Penalty (veh)	206	139										

Intersection: 18: Bird Ave & I-280 SB Ramps

Movement	EB	EB	EB	NB	NB	NB	SB	SB	SB	SB
Directions Served	L	LT	R	T	T	TR	L	T	T	T
Maximum Queue (ft)	100	118	31	183	114	225	439	478	164	150
Average Queue (ft)	44	54	0	65	34	49	291	145	80	92
95th Queue (ft)	91	97	14	141	86	140	492	427	140	141
Link Distance (ft)		1127		502	502	502		456	456	456
Upstream Blk Time (%)							1	1	0	
Queuing Penalty (veh)							0	9	0	
Storage Bay Dist (ft)	575		80				450			
Storage Blk Time (%)		3	0				2	1		
Queuing Penalty (veh)		8	0				8	7		

Intersection: 19: Julian St & Autumn Pkwy

Movement	EB	EB	EB	WB	WB	SB	SB	SB
Directions Served	L	T	T	T	TR	L	L	R
Maximum Queue (ft)	150	334	352	329	330	240	717	709
Average Queue (ft)	90	293	323	268	214	237	687	675
95th Queue (ft)	193	342	372	376	389	255	761	834
Link Distance (ft)		277	277	284	284		675	675
Upstream Blk Time (%)		49	80	38	18		88	84
Queuing Penalty (veh)		224	371	116	56		0	0
Storage Bay Dist (ft)	90					180		
Storage Blk Time (%)	2	55				56	93	
Queuing Penalty (veh)	10	56				143	235	

Intersection: 20: Almaden Blvd & SR 87 SB On & Julian St

Movement	EB	EB	EB	EB	WB	WB	WB	WB	SB	SB	SB
Directions Served	T	T	R	>	L	T	T	R	<	T	R
Maximum Queue (ft)	92	258	110	72	289	327	309	5	200	180	180
Average Queue (ft)	21	230	105	9	95	116	99	0	80	62	57
95th Queue (ft)	65	313	132	49	254	366	342	5	157	146	161
Link Distance (ft)	219	219					438	438	438		457
Upstream Blk Time (%)		19			0	4	3		0	0	0
Queuing Penalty (veh)		153			0	19	12		0	1	0
Storage Bay Dist (ft)			50	50	375				385		385
Storage Blk Time (%)		16	28	0		8				0	0
Queuing Penalty (veh)		147	90	0		12				0	1

Intersection: 21: SR 87 NB Off & Notre Dame Ave/SR 87 NB On & Julian St/St James St

Movement	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	NB	NE
Directions Served	L	L	T	T	T	T	R	L	LT	T	R	<
Maximum Queue (ft)	111	115	395	394	192	178	50	456	444	410	230	196
Average Queue (ft)	36	52	250	256	143	149	10	413	382	288	109	97
95th Queue (ft)	90	101	378	369	180	185	32	495	486	405	198	177
Link Distance (ft)		438	438	438	124	124	124	425	425	425	425	
Upstream Blk Time (%)			0	0	49	60		23	8	0		
Queuing Penalty (veh)			0	0	181	223		0	0	0		
Storage Bay Dist (ft)	375											180
Storage Blk Time (%)												3
Queuing Penalty (veh)												10

Intersection: 21: SR 87 NB Off & Notre Dame Ave/SR 87 NB On & Julian St/St James St

Movement	NE	NE	NE	B77
Directions Served	<L	R	R	T
Maximum Queue (ft)	204	298	230	85
Average Queue (ft)	89	128	108	7
95th Queue (ft)	186	312	212	119
Link Distance (ft)		850		959
Upstream Blk Time (%)		1		
Queuing Penalty (veh)		0		
Storage Bay Dist (ft)	180		180	
Storage Blk Time (%)	2	1	1	
Queuing Penalty (veh)	8	5	3	

Intersection: 22: SR 87 NB Off & Santa Clara St

Movement	EB	EB	WB	WB	NB	NB	NB	NB	B44	B44
Directions Served	T	T	T	T	L	L	R	R	T	T
Maximum Queue (ft)	200	210	160	164	156	475	744	240	132	171
Average Queue (ft)	155	165	128	123	71	181	384	196	23	32
95th Queue (ft)	234	233	164	166	132	655	870	281	157	191
Link Distance (ft)	177	177	129	129		914	914		970	970
Upstream Blk Time (%)	9	13	19	14		2	10			
Queuing Penalty (veh)	50	72	76	54		0	0			
Storage Bay Dist (ft)					120			120		
Storage Blk Time (%)					2	2	43	40		
Queuing Penalty (veh)					2	3	138	128		

Intersection: 23: Delmas Ave & Park Ave

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	T	R	L	T	TR	LT	TR
Maximum Queue (ft)	304	160	54	33	50	460	620
Average Queue (ft)	276	72	27	2	17	418	534
95th Queue (ft)	292	185	43	15	45	547	714
Link Distance (ft)	210		10	10	10		575
Upstream Blk Time (%)	74		50	2	17		49
Queuing Penalty (veh)	334		117	4	41		0
Storage Bay Dist (ft)		100				400	
Storage Blk Time (%)	77	1				30	58
Queuing Penalty (veh)	77	5				83	184

Intersection: 24: Woz Way/SR 87 On & Park Ave

Movement	EB	EB	EB	WB	WB	WB	WB	NB	NB
Directions Served	L	T	TR	L	T	T	R	LT	R
Maximum Queue (ft)	203	244	257	310	857	927	230	260	160
Average Queue (ft)	112	69	168	195	463	446	147	229	78
95th Queue (ft)	199	188	311	370	970	1050	285	264	191
Link Distance (ft)		233	233		858	858		206	
Upstream Blk Time (%)		1	10		7	15		49	
Queuing Penalty (veh)		4	34		32	69		276	
Storage Bay Dist (ft)	150			250			140		100
Storage Blk Time (%)	10	2		4	45	37	7	63	0
Queuing Penalty (veh)	21	4		9	83	113	17	59	1

Intersection: 25: SR 87 SB On/Delmas Ave & Auzerais Ave

Movement	EB	WB	WB	SB	SB
Directions Served	TR	L	T	L	TR
Maximum Queue (ft)	632	173	256	584	576
Average Queue (ft)	404	60	73	462	521
95th Queue (ft)	699	136	186	732	646
Link Distance (ft)	599		429	533	533
Upstream Blk Time (%)	24			10	24
Queuing Penalty (veh)	0			47	112
Storage Bay Dist (ft)		150			
Storage Blk Time (%)		0	3		
Queuing Penalty (veh)		1	2		

Intersection: 26: Woz Way & SR 87 NB Off

Movement	EB	EB	EB	B98	NB	SB
Directions Served	L	L	R	T	T	T
Maximum Queue (ft)	232	608	270	623	777	218
Average Queue (ft)	130	226	82	190	310	138
95th Queue (ft)	258	687	240	771	918	248
Link Distance (ft)		596		972	1007	197
Upstream Blk Time (%)		23		10	12	7
Queuing Penalty (veh)		0		0	0	31
Storage Bay Dist (ft)	120		190			
Storage Blk Time (%)	34	26	0			
Queuing Penalty (veh)	106	83	1			

Intersection: 51: Stockton Ave

Movement	EB	NB	SB
Directions Served	R	LT	TR
Maximum Queue (ft)	46	295	84
Average Queue (ft)	19	70	5
95th Queue (ft)	46	244	46
Link Distance (ft)	225	297	422
Upstream Blk Time (%)		4	
Queuing Penalty (veh)		19	
Storage Bay Dist (ft)			
Storage Blk Time (%)			
Queuing Penalty (veh)			

Intersection: 52: Delmas Ave & Santa Clara St

Movement	EB	WB	WB	WB
Directions Served	TR	L	T	T
Maximum Queue (ft)	2	76	161	175
Average Queue (ft)	0	19	20	23
95th Queue (ft)	0	56	95	97
Link Distance (ft)	261		567	567
Upstream Blk Time (%)				
Queuing Penalty (veh)				
Storage Bay Dist (ft)		100		
Storage Blk Time (%)			1	
Queuing Penalty (veh)			0	

Intersection: 53: Parking & Santa Clara St

Movement	EB	EB
Directions Served	T	TR
Maximum Queue (ft)	264	290
Average Queue (ft)	67	89
95th Queue (ft)	201	238
Link Distance (ft)	567	567
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 54: Almaden Plaza & Santa Clara St

Movement	EB	EB	WB	WB	WB
Directions Served	T	TR	L	T	T
Maximum Queue (ft)	159	168	37	141	140
Average Queue (ft)	126	127	7	43	34
95th Queue (ft)	172	180	28	113	103
Link Distance (ft)	129	129	128	128	128
Upstream Blk Time (%)	16	16		1	1
Queuing Penalty (veh)	137	139		1	1
Storage Bay Dist (ft)					
Storage Blk Time (%)					
Queuing Penalty (veh)					

Intersection: 55: Woz Way

Movement	WB	NB	SB
Directions Served	LR	TR	T
Maximum Queue (ft)	345	206	219
Average Queue (ft)	263	160	91
95th Queue (ft)	425	266	235
Link Distance (ft)	308	189	206
Upstream Blk Time (%)	56	28	7
Queuing Penalty (veh)	0	118	16
Storage Bay Dist (ft)			
Storage Blk Time (%)			23
Queuing Penalty (veh)			0

Intersection: 56: Woz Way

Movement	NB	NB	SB
Directions Served	T	R	T
Maximum Queue (ft)	312	166	37
Average Queue (ft)	200	23	2
95th Queue (ft)	377	134	23
Link Distance (ft)	206	206	247
Upstream Blk Time (%)	56	8	
Queuing Penalty (veh)	84	12	
Storage Bay Dist (ft)			
Storage Blk Time (%)			
Queuing Penalty (veh)			

Intersection: 57: Park Ave

Movement	EB	WB
Directions Served	T	T
Maximum Queue (ft)	270	19
Average Queue (ft)	226	0
95th Queue (ft)	302	9
Link Distance (ft)	221	210
Upstream Blk Time (%)	66	
Queuing Penalty (veh)	0	
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 80: Almaden Blvd

Movement	NB	NB	SB
Directions Served	T	T	T
Maximum Queue (ft)	74	78	14
Average Queue (ft)	30	45	0
95th Queue (ft)	64	72	14
Link Distance (ft)	457	457	464
Upstream Blk Time (%)			
Queuing Penalty (veh)			
Storage Bay Dist (ft)			
Storage Blk Time (%)			
Queuing Penalty (veh)			

Intersection: 81: SR 87 NB On

Movement

Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 82: SR 87 SB On

Movement

Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 83: SR 87 On/SR 87 NB On

Movement

Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 84: SR 87 SB On

Movement	SB	SB
Directions Served	L	T
Maximum Queue (ft)	196	332
Average Queue (ft)	49	284
95th Queue (ft)	133	363
Link Distance (ft)		331
Upstream Blk Time (%)	0	0
Queuing Penalty (veh)	0	5
Storage Bay Dist (ft)	300	
Storage Blk Time (%)	0	5
Queuing Penalty (veh)	0	6

Intersection: 85: I-280 SB Ramps

Movement	EB
Directions Served	T
Maximum Queue (ft)	802
Average Queue (ft)	560
95th Queue (ft)	865
Link Distance (ft)	702
Upstream Blk Time (%)	5
Queuing Penalty (veh)	43
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 86: I-280 NB Ramps

Movement
Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 101: Terraine St & St James St

Movement	EB	EB	EB	WB	WB	NB	SB
Directions Served	L	T	TR	T	TR	R	R
Maximum Queue (ft)	47	62	86	370	373	40	252
Average Queue (ft)	10	2	5	351	333	17	231
95th Queue (ft)	33	26	38	364	393	41	254
Link Distance (ft)	124	124	124	334	334	397	216
Upstream Blk Time (%)		0	0	83	43		95
Queuing Penalty (veh)		0	1	0	0		0
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Intersection: 102: Julian St & Pleasant St

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	T	T	T	T	R	L	R
Maximum Queue (ft)	344	346	263	251	184	125	335
Average Queue (ft)	258	313	166	146	39	113	156
95th Queue (ft)	424	340	297	294	147	142	344
Link Distance (ft)	284	284	219	219			335
Upstream Blk Time (%)	17	41	26	19			5
Queuing Penalty (veh)	110	273	80	58			0
Storage Bay Dist (ft)					125	100	
Storage Blk Time (%)				23		40	0
Queuing Penalty (veh)				11		14	0

Intersection: 103: Autumn St & Julian St

Movement	EB	EB	EB	WB	WB	WB	NB	SB	SB
Directions Served	L	T	TR	L	T	TR	LTR	LT	R
Maximum Queue (ft)	150	330	323	150	318	295	576	514	190
Average Queue (ft)	26	284	286	73	216	49	266	293	32
95th Queue (ft)	107	361	360	162	382	220	638	600	149
Link Distance (ft)		284	284		277	277	766	528	
Upstream Blk Time (%)		39	48		14	3	7	19	
Queuing Penalty (veh)		149	180		55	13	0	0	
Storage Bay Dist (ft)	90			90					130
Storage Blk Time (%)		80		9	32			60	
Queuing Penalty (veh)		9		29	23			16	

Intersection: 104: Montgomery St & Julian St

Movement	EB	EB	EB	WB	WB	WB	NB	NB	SB	SB
Directions Served	L	T	R	L	T	R	L	TR	LT	R
Maximum Queue (ft)	125	883	109	149	318	173	107	141	423	160
Average Queue (ft)	27	694	13	44	216	18	31	57	201	37
95th Queue (ft)	90	1148	68	126	385	92	80	116	454	132
Link Distance (ft)		863			284	284		466	445	
Upstream Blk Time (%)		33			12				13	
Queuing Penalty (veh)		212			43				0	
Storage Bay Dist (ft)	65		50	90			110			100
Storage Blk Time (%)	1	71	0	0	36		1	3	49	
Queuing Penalty (veh)	4	33	0	1	16		0	1	13	

Intersection: 105: Montgomery St & Santa Clara St

Movement	EB	EB	WB	WB	WB	WB
Directions Served	T	TR	L	L	T	T
Maximum Queue (ft)	219	218	150	237	122	143
Average Queue (ft)	127	146	113	149	44	63
95th Queue (ft)	215	233	163	230	94	119
Link Distance (ft)	196	196		226	226	226
Upstream Blk Time (%)	2	5		3		
Queuing Penalty (veh)	10	29		13		
Storage Bay Dist (ft)			90			
Storage Blk Time (%)			31	43		
Queuing Penalty (veh)			46	65		

Intersection: 106: Autumn St & Santa Clara St

Movement	EB	EB	EB	WB	WB	NB	NB	NB	SB	SB
Directions Served	UL	T	T	T	TR	L	T	R	L	R
Maximum Queue (ft)	85	155	165	280	284	209	140	92	164	178
Average Queue (ft)	25	92	94	196	203	88	58	40	41	75
95th Queue (ft)	62	153	153	309	311	173	113	75	115	140
Link Distance (ft)		226	226	261	261	519	519		504	
Upstream Blk Time (%)				4	5					
Queuing Penalty (veh)				20	25					
Storage Bay Dist (ft)	50							200		100
Storage Blk Time (%)	9	32							1	6
Queuing Penalty (veh)	44	8							2	2

Intersection: 107: Alameda Blvd & Santa Clara St

Movement	EB	EB	EB	WB	WB	SB	SB
Directions Served	T	T	R	LT	T	LT	R
Maximum Queue (ft)	178	194	110	170	157	315	164
Average Queue (ft)	157	161	99	81	69	126	47
95th Queue (ft)	168	185	143	144	129	244	122
Link Distance (ft)	128	128		174	174	444	
Upstream Blk Time (%)	30	27	0	0	0	0	
Queuing Penalty (veh)	261	233	0	1	0	0	
Storage Bay Dist (ft)			50				75
Storage Blk Time (%)		36	7			29	1
Queuing Penalty (veh)		144	44			23	1

Intersection: 108: Alameda Blvd/Notre Dame Ave & Santa Clara St

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB
Directions Served	L	T	TR	L	T	TR	L	T	TR
Maximum Queue (ft)	197	94	87	120	248	259	145	165	144
Average Queue (ft)	142	41	46	86	214	206	59	82	50
95th Queue (ft)	212	82	84	143	286	291	118	146	113
Link Distance (ft)	174	174	174		227	227		346	346
Upstream Blk Time (%)	14				15	15			
Queuing Penalty (veh)	64				0	0			
Storage Bay Dist (ft)				60			300		
Storage Blk Time (%)				15	47				
Queuing Penalty (veh)				48	52				

Intersection: 109: Montgomery St & Park Ave

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	L	T	TR	L	T	TR	L	T	T	L	T	T
Maximum Queue (ft)	62	187	249	160	392	210	216	136	105	338	485	483
Average Queue (ft)	18	83	96	137	170	47	117	44	51	79	312	313
95th Queue (ft)	48	148	205	182	327	169	216	108	97	238	490	507
Link Distance (ft)		1117	1117		503			558	558		470	470
Upstream Blk Time (%)					0						5	10
Queuing Penalty (veh)					0						0	0
Storage Bay Dist (ft)	290			100		150	215			300		
Storage Blk Time (%)				36	13	0	2	0			14	43
Queuing Penalty (veh)				66	43	1	3	0			8	35

Intersection: 109: Montgomery St & Park Ave

Movement	SB
Directions Served	R
Maximum Queue (ft)	145
Average Queue (ft)	55
95th Queue (ft)	169
Link Distance (ft)	
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	85
Storage Blk Time (%)	0
Queuing Penalty (veh)	0

Intersection: 110: Almaden Blvd & Park Ave

Movement	EB	EB	EB	EB	WB	WB	WB	WB	NB	NB	NB	NB
Directions Served	L	L	T	R	L	T	T	R	L	L	T	T
Maximum Queue (ft)	131	147	419	206	180	534	413	139	200	236	368	283
Average Queue (ft)	55	79	64	43	146	219	138	16	112	145	127	66
95th Queue (ft)	116	133	229	171	212	457	317	77	215	248	362	231
Link Distance (ft)		858	858			669	669				554	554
Upstream Blk Time (%)			0			1	0				3	0
Queuing Penalty (veh)			0			0	0				0	0
Storage Bay Dist (ft)	190			120	80			50	160	160		
Storage Blk Time (%)			1	3	50	29	40	0	12	18	0	10
Queuing Penalty (veh)			2	2	74	55	15	0	11	17	0	2

Intersection: 110: Almaden Blvd & Park Ave

Movement	NB	SB	SB	SB	SB
Directions Served	R	L	T	T	R
Maximum Queue (ft)	14	215	541	549	150
Average Queue (ft)	1	41	340	331	108
95th Queue (ft)	15	146	534	562	216
Link Distance (ft)			559	559	
Upstream Blk Time (%)			1	10	
Queuing Penalty (veh)			0	0	
Storage Bay Dist (ft)	50	170			50
Storage Blk Time (%)			33	35	0
Queuing Penalty (veh)			8	156	1

Intersection: 111: Delmas Ave & San Carlos St

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	T	TR	L	T	T	LT	TR
Maximum Queue (ft)	487	462	196	245	232	494	496
Average Queue (ft)	282	244	75	65	65	409	422
95th Queue (ft)	468	435	169	180	170	568	557
Link Distance (ft)	506	506		387	387	467	467
Upstream Blk Time (%)	2	1				13	15
Queuing Penalty (veh)	0	0				54	64
Storage Bay Dist (ft)			150				
Storage Blk Time (%)			8	1			
Queuing Penalty (veh)			16	1			

Intersection: 112: Woz Way & San Carlos St

Movement	EB	EB	EB	WB	WB	WB	NB	NB	SB	SB	SE	NW
Directions Served	<	T	TR>	LT	T	>	<	T>	<	TR	<	>
Maximum Queue (ft)	240	404	414	674	713	210	134	332	188	205	39	45
Average Queue (ft)	168	266	251	287	424	182	68	285	96	163	6	5
95th Queue (ft)	287	439	421	595	814	250	162	376	183	244	27	24
Link Distance (ft)		387	387	714	714			247		189	88	80
Upstream Blk Time (%)		9	2	0	23			70	1	27	0	
Queuing Penalty (veh)		32	8	0	0			209	0	79	0	
Storage Bay Dist (ft)	150					150	75		150			
Storage Blk Time (%)	31	30			9	63	11	83	4	38		
Queuing Penalty (veh)	85	45			16	94	23	78	8	40		

Intersection: 112: Woz Way & San Carlos St

Movement	SW	SW
Directions Served	<	>
Maximum Queue (ft)	24	30
Average Queue (ft)	3	3
95th Queue (ft)	16	16
Link Distance (ft)	188	188
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 113: Bird Ave & Auzerais Ave

Movement	EB	EB	WB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LT	R	LT	R	L	T	T	TR	L	T	T	TR
Maximum Queue (ft)	368	160	651	75	138	189	170	170	238	475	468	548
Average Queue (ft)	149	56	612	17	101	137	125	133	53	270	256	352
95th Queue (ft)	288	180	768	68	160	186	174	176	164	438	489	583
Link Distance (ft)	712		632			139	139	139		506	506	506
Upstream Blk Time (%)			86		3	8	4	8		0	0	11
Queuing Penalty (veh)			0		0	26	14	26		1	1	66
Storage Bay Dist (ft)		100		50	100				200			
Storage Blk Time (%)	21	1	96	0	14	16				28		
Queuing Penalty (veh)	61	2	32	1	33	18				13		

Intersection: 114: Woz Way & Auzerais Ave

Movement	EB	EB	WB	NB	NB	NB	SB	NE	SW
Directions Served	<	R	<LTR	L	T	T	TR>	T	T
Maximum Queue (ft)	237	443	67	210	216	218	208	36	32
Average Queue (ft)	79	264	15	111	140	120	84	4	5
95th Queue (ft)	230	475	48	223	255	263	185	20	24
Link Distance (ft)	429	429	310	197	197	197	206	205	88
Upstream Blk Time (%)		9		6	35	29	1		
Queuing Penalty (veh)		17		9	51	42	3		
Storage Bay Dist (ft)									
Storage Blk Time (%)									
Queuing Penalty (veh)									

Intersection: 115: Bird Ave & Virginia St

Movement	EB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LTR	LTR	L	T	T	TR	L	T	T	TR
Maximum Queue (ft)	98	194	60	152	291	365	249	360	280	207
Average Queue (ft)	36	81	12	69	84	192	176	76	63	72
95th Queue (ft)	79	157	41	135	200	319	267	261	169	153
Link Distance (ft)	303	623			457	457		502	502	502
Upstream Blk Time (%)						0				
Queuing Penalty (veh)						0				
Storage Bay Dist (ft)			100	100			190			
Storage Blk Time (%)			0	5	3		16	0		
Queuing Penalty (veh)			0	10	6		70	0		

Intersection: 123: VTA LRT & Park Ave

Movement	EB	EB	WB	WB	WB	NB	SB
Directions Served	T	T	T	T	T	T	T
Maximum Queue (ft)	49	44	48	25	56	45	37
Average Queue (ft)	10	12	24	2	7	9	6
95th Queue (ft)	34	36	42	13	31	33	26
Link Distance (ft)	10	10	16	16	16	308	489
Upstream Blk Time (%)	13	14	36	2	7		
Queuing Penalty (veh)	27	30	84	4	17		
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Intersection: 223: Park Ave & SR 87 SB Off

Movement	EB	EB	WB	WB	WB	SB	SB	SB	B78
Directions Served	T	T	T	T	T	L	L	R	T
Maximum Queue (ft)	38	39	100	281	265	364	537	414	99
Average Queue (ft)	8	12	91	239	206	108	276	262	32
95th Queue (ft)	30	37	118	313	315	296	599	443	243
Link Distance (ft)	16	16		233	233		711		979
Upstream Blk Time (%)	9	15		47	29		5		
Queuing Penalty (veh)	20	31		121	74		0		
Storage Bay Dist (ft)			75			400		350	
Storage Blk Time (%)			63	22		0	7	10	
Queuing Penalty (veh)			108	37		0	21	23	

Intersection: 301: VTA LRT

Movement
Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 302:

Movement
Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 303:

Movement

Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 304:

Movement

Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Network Summary

Network wide Queuing Penalty: 12674

Intersection: 13: Stockton Ave & Julian St

Movement	EB	EB	WB	WB	NB	NB	NB	SB	SB
Directions Served	L	TR	L	TR	L	T	R	L	TR
Maximum Queue (ft)	134	648	105	880	120	509	160	184	385
Average Queue (ft)	48	505	101	782	45	331	119	101	160
95th Queue (ft)	132	766	118	1049	112	552	204	186	304
Link Distance (ft)		603		863		421			599
Upstream Blk Time (%)		29		19		12			0
Queuing Penalty (veh)		0		126		81			0
Storage Bay Dist (ft)	110		80		60		100	110	
Storage Blk Time (%)	0	61	56	26	6	56	4	12	20
Queuing Penalty (veh)	1	27	255	53	35	150	16	35	24

Intersection: 14: White St/Stockton Ave & The Alameda/Santa Clara St

Movement	EB	EB	EB	WB	WB	WB	NB	SB	SB
Directions Served	L	T	TR	T	T	R	LTR	L	LTR
Maximum Queue (ft)	190	523	451	452	456	110	41	240	309
Average Queue (ft)	153	212	169	382	404	102	5	147	214
95th Queue (ft)	223	476	387	536	526	136	26	265	322
Link Distance (ft)		723	723	428	428		351		297
Upstream Blk Time (%)		0		11	16				3
Queuing Penalty (veh)		0		82	124				18
Storage Bay Dist (ft)	130					50		180	
Storage Blk Time (%)	35	3			63	17		1	19
Queuing Penalty (veh)	97	6			290	90		5	36

Intersection: 15: Cahill St & Santa Clara St

Movement	EB	EB	WB	WB	WB	NB	NB	SB
Directions Served	T	TR	L	T	TR	LT	R	LTR
Maximum Queue (ft)	448	454	216	220	226	119	294	31
Average Queue (ft)	332	358	201	132	164	92	108	3
95th Queue (ft)	493	506	231	263	274	138	244	19
Link Distance (ft)	428	428	196	196	196		582	398
Upstream Blk Time (%)	2	5	37	5	12			
Queuing Penalty (veh)	11	23	250	32	80			
Storage Bay Dist (ft)						60		
Storage Blk Time (%)						42	14	
Queuing Penalty (veh)						39	21	

Intersection: 16: Bird Ave/Montgomery St & San Carlos St

Movement	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	NB	SB
Directions Served	UL	T	T	R	L	T	TR	UL	T	T	R	L
Maximum Queue (ft)	135	950	900	220	190	494	465	275	530	494	439	360
Average Queue (ft)	134	714	625	85	146	299	253	210	261	222	93	201
95th Queue (ft)	138	1236	1145	254	232	573	523	305	510	463	357	485
Link Distance (ft)		1094	1094			624	624		506	506	506	
Upstream Blk Time (%)		16	0			8	0		2	1	0	
Queuing Penalty (veh)		0	0			0	0		9	3	0	
Storage Bay Dist (ft)	75			160	130			215				300
Storage Blk Time (%)	84	12	18	3	45	17		7	13			0
Queuing Penalty (veh)	149	31	37	5	87	18		40	40			0

Intersection: 16: Bird Ave/Montgomery St & San Carlos St

Movement	SB	SB	SB	SB
Directions Served	T	T	T	R
Maximum Queue (ft)	598	581	660	110
Average Queue (ft)	563	544	578	50
95th Queue (ft)	624	611	810	132
Link Distance (ft)	558	558	558	
Upstream Blk Time (%)	37	12	43	
Queuing Penalty (veh)	120	40	141	
Storage Bay Dist (ft)				50
Storage Blk Time (%)	97		40	3
Queuing Penalty (veh)	69		74	8

Intersection: 17: Bird Ave & I-280 NB Ramps

Movement	WB	WB	WB	B73	B73	NB	NB	NB	NB	SB	SB	SB
Directions Served	L	LTR	R	T	T	L	T	T	T	T	T	T
Maximum Queue (ft)	350	1429	1431	1012	989	456	511	490	477	169	144	191
Average Queue (ft)	267	1275	1249	514	493	358	416	343	311	146	84	94
95th Queue (ft)	490	1723	1731	1233	1210	505	529	507	461	158	123	156
Link Distance (ft)		1333	1333	978	978		456	456	456	139	139	139
Upstream Blk Time (%)		66	52	33	24	3	14	3	2	59	2	5
Queuing Penalty (veh)		0	0	0	0	0	93	20	11	188	5	17
Storage Bay Dist (ft)	230					450						
Storage Blk Time (%)	6	92				5	15					
Queuing Penalty (veh)	22	91				25	53					

Intersection: 17: Bird Ave & I-280 NB Ramps

Movement	SB
Directions Served	R
Maximum Queue (ft)	208
Average Queue (ft)	89
95th Queue (ft)	217
Link Distance (ft)	139
Upstream Blk Time (%)	4
Queuing Penalty (veh)	14
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 18: Bird Ave & I-280 SB Ramps

Movement	EB	EB	EB	B76	NB	NB	NB	SB	SB	SB	SB
Directions Served	L	LT	R	T	T	T	TR	L	T	T	T
Maximum Queue (ft)	643	1120	170	642	534	521	532	444	490	426	83
Average Queue (ft)	512	753	105	273	477	365	391	388	125	71	17
95th Queue (ft)	794	1391	240	975	605	582	611	441	392	274	58
Link Distance (ft)		1127		981	502	502	502		456	456	456
Upstream Blk Time (%)		24		19	18	2	3	2	3	0	
Queuing Penalty (veh)		0		0	102	13	16	0	11	1	
Storage Bay Dist (ft)	575		80					450			
Storage Blk Time (%)	28	72						2	3		
Queuing Penalty (veh)	141	364						4	23		

Intersection: 19: Julian St & Autumn Pkwy

Movement	EB	EB	EB	WB	WB	SB	SB	SB
Directions Served	L	T	T	T	TR	L	L	R
Maximum Queue (ft)	150	269	289	333	326	63	143	98
Average Queue (ft)	108	69	83	225	184	12	59	35
95th Queue (ft)	171	230	230	381	368	40	116	72
Link Distance (ft)		277	277	284	284		675	675
Upstream Blk Time (%)		0	1	21	11			
Queuing Penalty (veh)		2	5	86	46			
Storage Bay Dist (ft)	90					180		
Storage Blk Time (%)	18	1					0	
Queuing Penalty (veh)	48	1					0	

Intersection: 20: Almaden Blvd & SR 87 SB On & Julian St

Movement	EB	EB	EB	EB	WB	WB	WB	SB	SB	SB	B66
Directions Served	T	T	R	>	L	T	T	<	T	R	T
Maximum Queue (ft)	148	229	110	80	238	357	412	485	1162	485	873
Average Queue (ft)	42	113	81	15	90	129	183	378	951	385	475
95th Queue (ft)	110	262	145	63	201	338	411	625	1423	644	1174
Link Distance (ft)	214	214				438	438		1058		867
Upstream Blk Time (%)	0	4			0	1	3		31		28
Queuing Penalty (veh)	0	13			0	3	10		0		0
Storage Bay Dist (ft)			50	50	375			385		385	
Storage Blk Time (%)		7	18	0		2		0	47	7	
Queuing Penalty (veh)		26	25	0		3		0	273	57	

Intersection: 21: SR 87 NB Off & Notre Dame Ave/SR 87 NB On & Julian St/St James St

Movement	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	NB	NE
Directions Served	L	L	T	T	T	T	R	L	LT	T	R	<
Maximum Queue (ft)	115	132	408	398	157	136	48	477	466	409	327	267
Average Queue (ft)	48	64	224	234	115	53	9	344	340	263	168	182
95th Queue (ft)	105	119	357	365	169	120	31	506	472	395	292	297
Link Distance (ft)		438	438	438	124	124	124	442	442	442	442	
Upstream Blk Time (%)			0	0	36	3		7	2	0		
Queuing Penalty (veh)			0	0	58	5		0	0	0		
Storage Bay Dist (ft)	375											180
Storage Blk Time (%)												12
Queuing Penalty (veh)												77

Intersection: 21: SR 87 NB Off & Notre Dame Ave/SR 87 NB On & Julian St/St James St

Movement	NE	NE	NE	B77
Directions Served	<L	R	R	T
Maximum Queue (ft)	354	708	427	151
Average Queue (ft)	222	251	202	9
95th Queue (ft)	366	534	375	150
Link Distance (ft)		850		959
Upstream Blk Time (%)		1		0
Queuing Penalty (veh)		0		0
Storage Bay Dist (ft)	180		180	
Storage Blk Time (%)	19	12	10	
Queuing Penalty (veh)	119	101	85	

Intersection: 22: SR 87 NB Off & Santa Clara St

Movement	EB	EB	WB	WB	NB	NB	NB	NB	B44	B44
Directions Served	T	T	T	T	L	L	R	R	T	T
Maximum Queue (ft)	213	231	204	205	240	1017	1006	240	1022	1023
Average Queue (ft)	167	181	157	156	229	984	976	223	986	991
95th Queue (ft)	242	250	186	192	278	1023	1006	294	1116	1100
Link Distance (ft)	193	193	145	145		919	919		970	970
Upstream Blk Time (%)	10	15	64	62		54	50		67	76
Queuing Penalty (veh)	39	61	285	275		0	0		0	0
Storage Bay Dist (ft)					120				120	
Storage Blk Time (%)					65	64	53	55		
Queuing Penalty (veh)					345	336	293	307		

Intersection: 23: Delmas Ave & Park Ave

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	T	R	L	T	TR	LT	TR
Maximum Queue (ft)	309	160	61	58	52	354	379
Average Queue (ft)	280	60	33	28	21	206	233
95th Queue (ft)	297	169	51	51	48	319	354
Link Distance (ft)	214		26	26	26		575
Upstream Blk Time (%)	67		52	23	11		
Queuing Penalty (veh)	364		144	65	30		
Storage Bay Dist (ft)		100				400	
Storage Blk Time (%)	70	0				0	0
Queuing Penalty (veh)	50	0				0	1

Intersection: 24: Woz Way/SR 87 On & Park Ave

Movement	EB	EB	EB	WB	WB	WB	WB	NB	NB
Directions Served	L	T	TR	L	T	T	R	LT	R
Maximum Queue (ft)	208	269	249	69	185	135	109	223	160
Average Queue (ft)	134	93	107	16	62	18	23	176	84
95th Queue (ft)	220	223	230	47	134	72	70	257	187
Link Distance (ft)		249	249		878	878		210	
Upstream Blk Time (%)		1	1					10	
Queuing Penalty (veh)		4	4					60	
Storage Bay Dist (ft)	150			250			140		100
Storage Blk Time (%)	10	2				0	0	30	0
Queuing Penalty (veh)	35	6				0	0	45	1

Intersection: 25: SR 87 SB On/Delmas Ave & Auzerais Ave

Movement	EB	WB	WB	SB	SB
Directions Served	TR	L	T	L	TR
Maximum Queue (ft)	311	192	346	108	374
Average Queue (ft)	140	36	103	41	172
95th Queue (ft)	259	124	261	93	333
Link Distance (ft)	599		429	533	533
Upstream Blk Time (%)			0		
Queuing Penalty (veh)			0		
Storage Bay Dist (ft)		150			
Storage Blk Time (%)			5		
Queuing Penalty (veh)			2		

Intersection: 26: Woz Way & SR 87 NB Off

Movement	EB	EB	EB	B98	NB	SB
Directions Served	L	L	R	T	T	T
Maximum Queue (ft)	240	700	310	1022	1050	211
Average Queue (ft)	233	619	214	722	914	98
95th Queue (ft)	270	856	433	1373	1319	209
Link Distance (ft)		596		972	1007	197
Upstream Blk Time (%)		62		54	75	2
Queuing Penalty (veh)		0		0	0	6
Storage Bay Dist (ft)	120		190			
Storage Blk Time (%)	83	62	0			
Queuing Penalty (veh)	380	284	0			

Intersection: 51: Stockton Ave

Movement	NB	SB
Directions Served	LT	TR
Maximum Queue (ft)	264	226
Average Queue (ft)	56	26
95th Queue (ft)	198	133
Link Distance (ft)	297	421
Upstream Blk Time (%)	1	0
Queuing Penalty (veh)	8	0
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 52: Delmas Ave & Santa Clara St

Movement	EB	WB	WB
Directions Served	T	T	T
Maximum Queue (ft)	9	677	677
Average Queue (ft)	0	651	651
95th Queue (ft)	9	681	682
Link Distance (ft)	266	567	567
Upstream Blk Time (%)		67	70
Queuing Penalty (veh)		654	683
Storage Bay Dist (ft)			
Storage Blk Time (%)		63	
Queuing Penalty (veh)		0	

Intersection: 53: Parking & Santa Clara St

Movement	EB	EB	WB	WB
Directions Served	T	TR	T	T
Maximum Queue (ft)	247	306	290	294
Average Queue (ft)	50	88	241	243
95th Queue (ft)	170	237	321	323
Link Distance (ft)	567	567	193	193
Upstream Blk Time (%)			38	37
Queuing Penalty (veh)			366	360
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 54: Almaden Plaza & Santa Clara St

Movement	EB	EB	WB	WB
Directions Served	T	TR	T	T
Maximum Queue (ft)	174	180	185	178
Average Queue (ft)	143	149	139	138
95th Queue (ft)	192	197	198	202
Link Distance (ft)	145	145	133	133
Upstream Blk Time (%)	16	18	46	55
Queuing Penalty (veh)	155	173	137	162
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 55: Woz Way

Movement	NB	SB	SB
Directions Served	TR	L	T
Maximum Queue (ft)	202	103	75
Average Queue (ft)	77	44	4
95th Queue (ft)	209	86	43
Link Distance (ft)	189		210
Upstream Blk Time (%)	3		0
Queuing Penalty (veh)	28		0
Storage Bay Dist (ft)		50	
Storage Blk Time (%)		8	
Queuing Penalty (veh)		5	

Intersection: 56: Woz Way

Movement	NB	NB
Directions Served	T	R
Maximum Queue (ft)	321	273
Average Queue (ft)	285	95
95th Queue (ft)	336	284
Link Distance (ft)	206	206
Upstream Blk Time (%)	66	15
Queuing Penalty (veh)	218	49
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 57: Park Ave

Movement	EB
Directions Served	T
Maximum Queue (ft)	262
Average Queue (ft)	222
95th Queue (ft)	310
Link Distance (ft)	221
Upstream Blk Time (%)	59
Queuing Penalty (veh)	0
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 81: SR 87 NB On

Movement	NB	NB	NB
Directions Served	L	T	T
Maximum Queue (ft)	106	280	304
Average Queue (ft)	41	143	158
95th Queue (ft)	84	259	268
Link Distance (ft)		511	511
Upstream Blk Time (%)			
Queuing Penalty (veh)			
Storage Bay Dist (ft)	450		
Storage Blk Time (%)			
Queuing Penalty (veh)			

Intersection: 82: SR 87 SB On

Movement

Directions Served
 Maximum Queue (ft)
 Average Queue (ft)
 95th Queue (ft)
 Link Distance (ft)
 Upstream Blk Time (%)
 Queuing Penalty (veh)
 Storage Bay Dist (ft)
 Storage Blk Time (%)
 Queuing Penalty (veh)

Intersection: 83: SR 87 On/SR 87 NB On

Movement

	NB	NB
Directions Served	L	T
Maximum Queue (ft)	67	250
Average Queue (ft)	33	131
95th Queue (ft)	60	206
Link Distance (ft)		314
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)	300	
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 84: SR 87 SB On

Movement

Directions Served
 Maximum Queue (ft)
 Average Queue (ft)
 95th Queue (ft)
 Link Distance (ft)
 Upstream Blk Time (%)
 Queuing Penalty (veh)
 Storage Bay Dist (ft)
 Storage Blk Time (%)
 Queuing Penalty (veh)

Intersection: 85: I-280 SB Ramps

Movement

Directions Served
 Maximum Queue (ft)
 Average Queue (ft)
 95th Queue (ft)
 Link Distance (ft)
 Upstream Blk Time (%)
 Queuing Penalty (veh)
 Storage Bay Dist (ft)
 Storage Blk Time (%)
 Queuing Penalty (veh)

Intersection: 86: I-280 NB Ramps

Movement

Movement	WB	WB
Directions Served	T	T
Maximum Queue (ft)	83	103
Average Queue (ft)	48	62
95th Queue (ft)	75	88
Link Distance (ft)	381	381
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 101: Terraine St & St James St

Movement

Movement	EB	EB	EB	WB	WB	NB	SB
Directions Served	L	T	TR	T	TR	R	R
Maximum Queue (ft)	55	30	43	375	309	31	239
Average Queue (ft)	13	1	2	252	144	5	134
95th Queue (ft)	39	20	27	376	279	24	270
Link Distance (ft)	124	124	124	334	334	397	216
Upstream Blk Time (%)			0	5	0		24
Queuing Penalty (veh)			1	0	0		0
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Intersection: 102: Julian St & Pleasant St

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	LT	T	T	T	R	L	R
Maximum Queue (ft)	187	300	255	264	185	70	32
Average Queue (ft)	49	187	156	152	95	20	3
95th Queue (ft)	128	343	290	301	217	53	19
Link Distance (ft)	284	284	214	214			335
Upstream Blk Time (%)	0	5	13	12			
Queuing Penalty (veh)	0	16	72	69			
Storage Bay Dist (ft)					125	100	
Storage Blk Time (%)				17	0	0	
Queuing Penalty (veh)				53	1	0	

Intersection: 103: Autumn St & Julian St

Movement	EB	EB	EB	WB	WB	WB	NB	SB
Directions Served	L	T	TR	L	T	TR	LTR	LT
Maximum Queue (ft)	71	196	228	149	309	192	457	53
Average Queue (ft)	8	61	71	47	177	25	141	11
95th Queue (ft)	37	142	163	133	368	127	417	38
Link Distance (ft)		284	284		277	277	766	528
Upstream Blk Time (%)			0		10	1	2	
Queuing Penalty (veh)			0		34	3	0	
Storage Bay Dist (ft)	90			90				
Storage Blk Time (%)		4		1	29			
Queuing Penalty (veh)		0		2	12			

Intersection: 104: Montgomery St & Julian St

Movement	EB	EB	EB	WB	WB	WB	NB	NB	SB	SB
Directions Served	L	T	R	L	T	R	L	TR	LT	R
Maximum Queue (ft)	79	375	86	149	314	162	121	94	89	63
Average Queue (ft)	16	131	6	36	221	26	49	18	29	17
95th Queue (ft)	52	280	40	120	384	124	109	72	65	48
Link Distance (ft)		863			284	284		466	445	
Upstream Blk Time (%)					20	0				
Queuing Penalty (veh)					67	0				
Storage Bay Dist (ft)	65		50	90			110			100
Storage Blk Time (%)	0	18	0	0	44		6	0	0	0
Queuing Penalty (veh)	2	6	0	1	12		1	0	0	0

Intersection: 105: Montgomery St & Santa Clara St

Movement	EB	EB	WB	WB	WB	WB
Directions Served	T	TR	L	L	T	T
Maximum Queue (ft)	228	233	150	224	268	282
Average Queue (ft)	166	184	84	114	229	215
95th Queue (ft)	251	258	148	187	287	319
Link Distance (ft)	196	196		230	230	230
Upstream Blk Time (%)	9	17		1	18	12
Queuing Penalty (veh)	43	82		6	138	91
Storage Bay Dist (ft)			90			
Storage Blk Time (%)			8	22		
Queuing Penalty (veh)			10	29		

Intersection: 106: Autumn St & Santa Clara St

Movement	EB	EB	EB	WB	WB	NB	NB	NB	SB	SB
Directions Served	UL	T	T	T	TR	L	T	R	L	R
Maximum Queue (ft)	88	253	256	358	352	569	562	289	143	133
Average Queue (ft)	19	155	162	330	325	519	462	81	33	51
95th Queue (ft)	58	264	262	349	345	642	726	207	99	102
Link Distance (ft)		230	230	266	266	523	523		508	
Upstream Blk Time (%)		2	2	62	61	69	34			
Queuing Penalty (veh)		10	10	603	593	0	0			
Storage Bay Dist (ft)	50							200		100
Storage Blk Time (%)	5	34					9	1	1	3
Queuing Penalty (veh)	18	7					12	1	1	1

Intersection: 107: Almaden Blvd & Santa Clara St

Movement	EB	EB	EB	WB	WB	SB	SB
Directions Served	T	T	R	T	T	LT	R
Maximum Queue (ft)	163	183	110	252	258	443	165
Average Queue (ft)	137	146	87	198	193	285	108
95th Queue (ft)	162	175	147	298	303	558	203
Link Distance (ft)	133	133		203	203	448	
Upstream Blk Time (%)	21	20		45	41	32	
Queuing Penalty (veh)	196	191		183	165	0	
Storage Bay Dist (ft)			50				75
Storage Blk Time (%)		31	6			21	58
Queuing Penalty (veh)		123	43			17	130

Intersection: 108: Almaden Blvd/Notre Dame Ave & Santa Clara St

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB
Directions Served	L	T	T	L	T	TR	L	T	TR
Maximum Queue (ft)	165	146	148	120	282	282	357	381	394
Average Queue (ft)	80	65	64	67	241	235	198	251	220
95th Queue (ft)	153	124	119	148	290	303	403	406	388
Link Distance (ft)	203	203	203		231	231		358	358
Upstream Blk Time (%)	0	0	0		58	56	8	17	9
Queuing Penalty (veh)	1	0	0		0	0	0	0	0
Storage Bay Dist (ft)				60			300		
Storage Blk Time (%)				8	72		23	7	
Queuing Penalty (veh)				28	49		62	10	

Intersection: 109: Montgomery St & Park Ave

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	NB	SB	SB
Directions Served	L	T	TR	L	T	TR	L	T	T	R	L	T
Maximum Queue (ft)	183	1100	1118	159	445	210	275	578	591	25	360	505
Average Queue (ft)	68	600	733	99	227	53	258	374	266	0	75	432
95th Queue (ft)	143	1342	1368	183	518	182	317	710	600	0	305	590
Link Distance (ft)		1117	1117		503			558	558			470
Upstream Blk Time (%)		26	31		23			5	1			52
Queuing Penalty (veh)		0	0		0			37	8			0
Storage Bay Dist (ft)	290			100		150	215			150	300	
Storage Blk Time (%)		0		50	15	1	38	0	2			83
Queuing Penalty (veh)		0		90	20	2	174	1	4			18

Intersection: 109: Montgomery St & Park Ave

Movement	SB	SB
Directions Served	T	R
Maximum Queue (ft)	512	145
Average Queue (ft)	452	33
95th Queue (ft)	601	132
Link Distance (ft)	470	
Upstream Blk Time (%)	79	
Queuing Penalty (veh)	0	
Storage Bay Dist (ft)		85
Storage Blk Time (%)	87	0
Queuing Penalty (veh)	35	0

Intersection: 110: Almaden Blvd & Park Ave

Movement	EB	EB	EB	WB	WB	WB	WB	NB	NB	NB	NB	NB
Directions Served	L	L	T	L	T	T	R	L	L	T	T	R
Maximum Queue (ft)	254	276	149	79	78	65	45	179	250	577	548	150
Average Queue (ft)	145	165	63	31	25	17	9	73	150	378	316	32
95th Queue (ft)	234	252	128	71	63	51	34	141	283	598	507	130
Link Distance (ft)		878	878		669	669				554	554	
Upstream Blk Time (%)										3	1	
Queuing Penalty (veh)										0	0	
Storage Bay Dist (ft)	190			80			50	160	160			50
Storage Blk Time (%)	3	7	3	2	1	4	1	0	2	29	38	
Queuing Penalty (veh)	8	16	7	0	0	1	0	1	13	49	16	

Intersection: 110: Almaden Blvd & Park Ave

Movement	SB	SB	SB
Directions Served	L	T	T
Maximum Queue (ft)	53	178	137
Average Queue (ft)	12	78	21
95th Queue (ft)	40	147	81
Link Distance (ft)		559	559
Upstream Blk Time (%)			
Queuing Penalty (veh)			
Storage Bay Dist (ft)	170		
Storage Blk Time (%)		0	1
Queuing Penalty (veh)		0	1

Intersection: 111: Delmas Ave & San Carlos St

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	T	TR	L	T	T	LT	TR
Maximum Queue (ft)	316	262	100	201	211	358	397
Average Queue (ft)	160	98	32	50	50	134	213
95th Queue (ft)	274	208	79	141	150	283	358
Link Distance (ft)	506	506		387	387	483	483
Upstream Blk Time (%)	0					0	0
Queuing Penalty (veh)	0					0	0
Storage Bay Dist (ft)			150				
Storage Blk Time (%)			0	1			
Queuing Penalty (veh)			0	0			

Intersection: 112: Woz Way & San Carlos St

Movement	EB	EB	EB	WB	WB	WB	NB	NB	SB	SB	SE	NW
Directions Served	<	T	TR>	LT	T	>	<	TR>	<	TR	<	>
Maximum Queue (ft)	240	392	378	380	374	209	134	336	73	94	40	56
Average Queue (ft)	170	228	208	210	195	138	45	310	22	29	5	7
95th Queue (ft)	283	397	361	347	376	226	142	324	60	75	25	32
Link Distance (ft)		387	387	714	714			247		189	88	80
Upstream Blk Time (%)		3	0					70				1
Queuing Penalty (veh)		11	1					460				0
Storage Bay Dist (ft)	150					150	75		150			
Storage Blk Time (%)	25	20			15	18	1	72				
Queuing Penalty (veh)	70	40			19	27	8	53				

Intersection: 112: Woz Way & San Carlos St

Movement	SW	SW
Directions Served	<	>
Maximum Queue (ft)	29	18
Average Queue (ft)	3	2
95th Queue (ft)	16	10
Link Distance (ft)	188	188
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 113: Bird Ave & Auzerais Ave

Movement	EB	EB	WB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LT	R	LT	R	L	T	T	TR	L	T	T	TR
Maximum Queue (ft)	391	160	638	8	139	214	205	171	260	562	552	569
Average Queue (ft)	144	56	631	0	129	178	142	141	72	520	482	335
95th Queue (ft)	290	181	645	0	148	210	202	184	242	542	607	729
Link Distance (ft)	712		632			139	139	139		506	506	506
Upstream Blk Time (%)	0		98		26	51	15	17		30	9	14
Queuing Penalty (veh)	0		0		0	372	109	120		103	30	47
Storage Bay Dist (ft)		100		50	100				200			
Storage Blk Time (%)	21	2	100		64	15			0	79		
Queuing Penalty (veh)	52	3	27		374	38			0	29		

Intersection: 114: Woz Way & Auzerais Ave

Movement	EB	EB	WB	NB	NB	NB	SB	NE	SW
Directions Served	<	R	LTR	L	T	T	TR	T	T
Maximum Queue (ft)	267	280	46	214	239	246	97	52	46
Average Queue (ft)	97	131	9	155	208	208	27	7	9
95th Queue (ft)	220	236	34	263	230	237	74	32	38
Link Distance (ft)	429	429	310	197	197	197	206	205	88
Upstream Blk Time (%)				19	55	51			2
Queuing Penalty (veh)				61	172	161			0
Storage Bay Dist (ft)									
Storage Blk Time (%)									
Queuing Penalty (veh)									

Intersection: 115: Bird Ave & Virginia St

Movement	EB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LTR	LTR	L	T	T	TR	L	T	T	TR
Maximum Queue (ft)	163	648	130	160	505	495	236	111	88	123
Average Queue (ft)	78	445	44	155	441	433	127	5	22	46
95th Queue (ft)	142	720	123	183	575	565	216	61	64	99
Link Distance (ft)	303	623			457	457		502	502	502
Upstream Blk Time (%)		14			51	28				
Queuing Penalty (veh)		0			0	0				
Storage Bay Dist (ft)			100	100			190			
Storage Blk Time (%)			0	66	20		6			
Queuing Penalty (veh)			1	283	88		9			

Intersection: 123: VTA LRT & Park Ave

Movement	EB	EB	WB	WB	WB	NB	SB
Directions Served	T	T	T	T	T	T	T
Maximum Queue (ft)	52	43	74	30	38	40	41
Average Queue (ft)	19	8	31	5	6	7	6
95th Queue (ft)	43	30	60	22	27	29	26
Link Distance (ft)	26	26	16	16	16	310	489
Upstream Blk Time (%)	24	9	34	4	2		
Queuing Penalty (veh)	68	26	94	11	4		
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Intersection: 223: Park Ave & SR 87 SB Off

Movement	EB	EB	WB	WB	WB	SB	SB	SB	B78
Directions Served	T	T	T	T	T	L	L	R	T
Maximum Queue (ft)	49	34	135	272	67	490	813	470	1031
Average Queue (ft)	19	9	86	140	3	277	785	467	1002
95th Queue (ft)	45	30	154	260	41	577	799	479	1022
Link Distance (ft)	16	16		249	249		711		979
Upstream Blk Time (%)	21	6		4	0		63		78
Queuing Penalty (veh)	60	18		6	0		0		0
Storage Bay Dist (ft)			75			400		350	
Storage Blk Time (%)			35	23		0	2	79	
Queuing Penalty (veh)			31	20		0	15	449	

Intersection: 301: VTA LRT

Movement
Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 302:

Movement
Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 303:

Movement	NB
Directions Served	T
Maximum Queue (ft)	3
Average Queue (ft)	0
95th Queue (ft)	2
Link Distance (ft)	321
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 304:

Movement
Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Network Summary

Network wide Queuing Penalty: 18833

Intersection: 13: Stockton Ave & Julian St

Movement	EB	EB	WB	WB	NB	NB	NB	SB	SB
Directions Served	L	TR	L	TR	L	T	R	L	TR
Maximum Queue (ft)	134	636	105	874	119	512	160	185	637
Average Queue (ft)	34	544	95	511	36	444	150	176	607
95th Queue (ft)	123	802	121	953	102	636	193	196	673
Link Distance (ft)		603		863		416			599
Upstream Blk Time (%)		75		6		74			89
Queuing Penalty (veh)		0		43		355			0
Storage Bay Dist (ft)	110		80		60		100	110	
Storage Blk Time (%)	0	87	46	23	5	34	79	93	13
Queuing Penalty (veh)	0	24	270	46	22	87	209	523	28

Intersection: 14: White St/Stockton Ave & The Alameda/Santa Clara St

Movement	EB	EB	EB	WB	WB	WB	NB	SB	SB
Directions Served	L	T	TR	T	T	R	LTR	L	TR
Maximum Queue (ft)	190	708	679	452	452	110	42	234	270
Average Queue (ft)	158	423	375	293	364	100	7	95	77
95th Queue (ft)	233	850	784	541	562	141	30	200	186
Link Distance (ft)		723	723	428	428		351		303
Upstream Blk Time (%)		25	10	7	45				2
Queuing Penalty (veh)		0	0	35	220				13
Storage Bay Dist (ft)	130					50		180	
Storage Blk Time (%)	55	7			42	72		7	0
Queuing Penalty (veh)	267	13			127	245		31	1

Intersection: 15: Cahill St & Santa Clara St

Movement	EB	EB	WB	WB	WB	NB	NB	SB
Directions Served	T	TR	L	T	TR	LT	R	LTR
Maximum Queue (ft)	448	453	178	213	216	120	489	120
Average Queue (ft)	269	322	66	68	134	96	214	42
95th Queue (ft)	477	519	138	218	287	140	533	106
Link Distance (ft)	428	428	196	196	196		582	398
Upstream Blk Time (%)	3	8	0	6	48		12	
Queuing Penalty (veh)	22	49	1	18	154		0	
Storage Bay Dist (ft)						60		
Storage Blk Time (%)						53	17	
Queuing Penalty (veh)						48	22	

Intersection: 16: Bird Ave/Montgomery St & San Carlos St

Movement	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	NB	SB
Directions Served	UL	T	T	R	L	T	TR	UL	T	T	R	L
Maximum Queue (ft)	134	889	906	220	190	410	362	239	309	252	110	359
Average Queue (ft)	107	501	503	198	159	178	112	146	108	61	5	128
95th Queue (ft)	163	900	927	295	215	358	261	247	316	167	73	315
Link Distance (ft)		1094	1094			624	624		506	506	506	
Upstream Blk Time (%)		1	2						1	0	0	
Queuing Penalty (veh)		0	0						2	0	0	
Storage Bay Dist (ft)	75			160	130			215				300
Storage Blk Time (%)	41	57	38	20	29	3		8	10			0
Queuing Penalty (veh)	172	64	149	84	49	7		16	16			0

Intersection: 16: Bird Ave/Montgomery St & San Carlos St

Movement	SB	SB	SB	SB
Directions Served	T	T	T	R
Maximum Queue (ft)	536	549	637	110
Average Queue (ft)	290	365	507	62
95th Queue (ft)	497	652	759	150
Link Distance (ft)	558	558	558	
Upstream Blk Time (%)	0	0	12	
Queuing Penalty (veh)	1	0	57	
Storage Bay Dist (ft)				50
Storage Blk Time (%)	11		74	0
Queuing Penalty (veh)	12		62	0

Intersection: 17: Bird Ave & I-280 NB Ramps

Movement	WB	WB	WB	B73	B73	NB	NB	NB	NB	SB	SB	SB
Directions Served	L	LTR	R	T	T	L	T	T	T	T	T	T
Maximum Queue (ft)	349	634	548	27	14	287	207	116	138	166	178	217
Average Queue (ft)	214	321	219	2	0	123	74	46	59	138	118	165
95th Queue (ft)	340	739	655	26	14	262	159	96	118	167	170	242
Link Distance (ft)		1333	1333	978	978		456	456	456	139	139	139
Upstream Blk Time (%)		1	0			0	0			24	3	15
Queuing Penalty (veh)		0	0			0	0			140	14	86
Storage Bay Dist (ft)	230					450						
Storage Blk Time (%)	7	21				0	0					
Queuing Penalty (veh)	36	50				0	0					

Intersection: 17: Bird Ave & I-280 NB Ramps

Movement	SB
Directions Served	R
Maximum Queue (ft)	234
Average Queue (ft)	166
95th Queue (ft)	256
Link Distance (ft)	139
Upstream Blk Time (%)	32
Queuing Penalty (veh)	183
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 18: Bird Ave & I-280 SB Ramps

Movement	EB	EB	EB	NB	NB	NB	SB	SB	SB	SB
Directions Served	L	LT	R	T	T	TR	L	T	T	T
Maximum Queue (ft)	99	117	33	168	116	236	444	403	144	278
Average Queue (ft)	41	53	1	64	29	53	187	41	39	51
95th Queue (ft)	85	100	16	141	80	150	385	217	114	170
Link Distance (ft)		1127		502	502	502		456	456	456
Upstream Blk Time (%)							0	0	0	
Queuing Penalty (veh)							0	1	0	
Storage Bay Dist (ft)	575		80				450			
Storage Blk Time (%)		4					0	0		
Queuing Penalty (veh)		10					2	1		

Intersection: 19: Julian St & Autumn Pkwy

Movement	EB	EB	EB	WB	WB	SB	SB	SB
Directions Served	L	T	T	T	TR	L	L	R
Maximum Queue (ft)	150	329	363	332	347	240	718	705
Average Queue (ft)	74	296	344	298	273	232	634	582
95th Queue (ft)	183	316	364	326	394	273	866	957
Link Distance (ft)		277	277	284	284		675	675
Upstream Blk Time (%)		55	96	57	31		68	63
Queuing Penalty (veh)		374	653	257	139		0	0
Storage Bay Dist (ft)	90					180		
Storage Blk Time (%)	1	62				57	85	
Queuing Penalty (veh)	9	64				145	215	

Intersection: 20: Almaden Blvd & SR 87 SB On & Julian St

Movement	EB	EB	EB	EB	WB	WB	WB	SB	SB	SB
Directions Served	T	T	R	>	L	T	T	<	T	R
Maximum Queue (ft)	219	268	110	80	435	492	485	210	219	232
Average Queue (ft)	85	237	107	17	153	328	303	79	64	85
95th Queue (ft)	187	311	126	70	426	607	593	149	164	221
Link Distance (ft)	219	219				438	438		457	
Upstream Blk Time (%)	0	22			0	19	11		0	
Queuing Penalty (veh)	4	225			0	93	56		1	
Storage Bay Dist (ft)			50	50	375			385		385
Storage Blk Time (%)		11	31	0		33			1	0
Queuing Penalty (veh)		134	132	0		54			1	0

Intersection: 21: SR 87 NB Off & Notre Dame Ave/SR 87 NB On & Julian St/St James St

Movement	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	NB	NE
Directions Served	L	L	T	T	T	T	R	L	LT	T	R	<
Maximum Queue (ft)	259	271	321	314	183	174	40	454	442	403	249	209
Average Queue (ft)	124	136	182	191	152	105	8	422	342	251	103	98
95th Queue (ft)	222	229	282	288	177	191	27	500	512	417	211	191
Link Distance (ft)		438	438	438	124	124	124	425	425	425	425	
Upstream Blk Time (%)					71	27		51	5	0		
Queuing Penalty (veh)					323	120		0	0	0		
Storage Bay Dist (ft)	375											180
Storage Blk Time (%)												5
Queuing Penalty (veh)												19

Intersection: 21: SR 87 NB Off & Notre Dame Ave/SR 87 NB On & Julian St/St James St

Movement	NE	NE	NE
Directions Served	<L	R	R
Maximum Queue (ft)	227	262	250
Average Queue (ft)	95	120	105
95th Queue (ft)	202	228	210
Link Distance (ft)		850	
Upstream Blk Time (%)			
Queuing Penalty (veh)			
Storage Bay Dist (ft)	180		180
Storage Blk Time (%)	4	2	1
Queuing Penalty (veh)	14	6	2

Intersection: 22: SR 87 NB Off & Santa Clara St

Movement	EB	EB	WB	WB	NB	NB	NB	NB	B44	B44
Directions Served	T	T	T	T	L	L	R	R	T	T
Maximum Queue (ft)	201	209	163	158	226	718	667	240	254	271
Average Queue (ft)	118	138	117	117	112	202	252	168	29	32
95th Queue (ft)	222	234	175	168	231	643	607	264	243	266
Link Distance (ft)	177	177	129	129		914	914		970	970
Upstream Blk Time (%)	3	7	35	34		5	4		1	0
Queuing Penalty (veh)	16	32	130	129		0	0		0	0
Storage Bay Dist (ft)					120				120	
Storage Blk Time (%)					26	27	24	22		
Queuing Penalty (veh)					36	37	75	70		

Intersection: 23: Delmas Ave & Park Ave

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	T	R	L	T	TR	LT	TR
Maximum Queue (ft)	292	160	43	24	57	452	564
Average Queue (ft)	275	69	25	1	25	286	352
95th Queue (ft)	284	184	41	11	50	461	564
Link Distance (ft)	210		10	10	10		575
Upstream Blk Time (%)	78		41	1	24		8
Queuing Penalty (veh)	468		110	3	64		0
Storage Bay Dist (ft)		100				400	
Storage Blk Time (%)	78	0				5	14
Queuing Penalty (veh)	78	2				12	40

Intersection: 24: Woz Way/SR 87 On & Park Ave

Movement	EB	EB	EB	WB	WB	WB	WB	NB	NB
Directions Served	L	T	TR	L	T	T	R	LT	R
Maximum Queue (ft)	203	222	245	309	738	758	226	255	160
Average Queue (ft)	113	68	154	199	355	293	97	215	82
95th Queue (ft)	201	185	285	360	834	843	218	276	192
Link Distance (ft)		233	233		858	858		206	
Upstream Blk Time (%)		1	10		7	10		33	
Queuing Penalty (veh)		3	34		33	46		185	
Storage Bay Dist (ft)	150			250			140		100
Storage Blk Time (%)	9	1		28	10	8	4	52	0
Queuing Penalty (veh)	19	3		64	17	25	9	48	1

Intersection: 25: SR 87 SB On/Delmas Ave & Auzerais Ave

Movement	EB	WB	WB	SB	SB
Directions Served	TR	L	T	L	TR
Maximum Queue (ft)	640	202	271	558	571
Average Queue (ft)	497	61	80	331	427
95th Queue (ft)	775	147	207	636	653
Link Distance (ft)	599		429	533	533
Upstream Blk Time (%)	53		0	5	9
Queuing Penalty (veh)	0		0	25	46
Storage Bay Dist (ft)		150			
Storage Blk Time (%)		1	4		
Queuing Penalty (veh)		1	3		

Intersection: 26: Woz Way & SR 87 NB Off

Movement	EB	EB	EB	B98	NB	SB
Directions Served	L	L	R	T	T	T
Maximum Queue (ft)	239	618	291	672	960	219
Average Queue (ft)	157	265	106	154	439	160
95th Queue (ft)	279	704	281	676	1072	268
Link Distance (ft)		596		972	1007	197
Upstream Blk Time (%)		20		8	21	11
Queuing Penalty (veh)		0		0	0	61
Storage Bay Dist (ft)	120		190			
Storage Blk Time (%)	47	33	1			
Queuing Penalty (veh)	148	105	1			

Intersection: 51: Stockton Ave

Movement	EB	NB	SB
Directions Served	LR	LT	TR
Maximum Queue (ft)	87	355	150
Average Queue (ft)	31	264	7
95th Queue (ft)	82	476	79
Link Distance (ft)	226	303	416
Upstream Blk Time (%)		57	0
Queuing Penalty (veh)		274	1
Storage Bay Dist (ft)			
Storage Blk Time (%)			
Queuing Penalty (veh)			

Intersection: 52: Delmas Ave & Santa Clara St

Movement	EB	WB	WB	WB
Directions Served	TR	L	T	T
Maximum Queue (ft)	10	123	574	550
Average Queue (ft)	0	27	264	272
95th Queue (ft)	5	97	718	718
Link Distance (ft)	261		567	567
Upstream Blk Time (%)			24	30
Queuing Penalty (veh)			122	155
Storage Bay Dist (ft)		100		
Storage Blk Time (%)			18	
Queuing Penalty (veh)			7	

Intersection: 53: Parking & Santa Clara St

Movement	EB	EB	WB	WB
Directions Served	T	TR	T	T
Maximum Queue (ft)	148	206	193	182
Average Queue (ft)	23	43	74	73
95th Queue (ft)	99	146	227	222
Link Distance (ft)	567	567	177	177
Upstream Blk Time (%)			24	25
Queuing Penalty (veh)			121	130
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 54: Almaden Plaza & Santa Clara St

Movement	EB	EB	WB	WB	WB
Directions Served	T	TR	L	T	T
Maximum Queue (ft)	154	161	37	155	147
Average Queue (ft)	103	109	4	63	59
95th Queue (ft)	183	185	21	168	162
Link Distance (ft)	129	129	128	128	128
Upstream Blk Time (%)	7	8		26	27
Queuing Penalty (veh)	58	67		66	69
Storage Bay Dist (ft)					
Storage Blk Time (%)					
Queuing Penalty (veh)					

Intersection: 55: Woz Way

Movement	WB	NB	SB
Directions Served	LR	TR	T
Maximum Queue (ft)	349	204	223
Average Queue (ft)	279	136	178
95th Queue (ft)	416	256	285
Link Distance (ft)	308	189	206
Upstream Blk Time (%)	65	16	35
Queuing Penalty (veh)	0	74	79
Storage Bay Dist (ft)			
Storage Blk Time (%)			61
Queuing Penalty (veh)			0

Intersection: 56: Woz Way

Movement	NB	NB	SB
Directions Served	T	R	T
Maximum Queue (ft)	316	236	41
Average Queue (ft)	246	45	3
95th Queue (ft)	360	191	23
Link Distance (ft)	206	206	247
Upstream Blk Time (%)	69	8	
Queuing Penalty (veh)	124	14	
Storage Bay Dist (ft)			
Storage Blk Time (%)			
Queuing Penalty (veh)			

Intersection: 57: Park Ave

Movement	EB	WB
Directions Served	T	T
Maximum Queue (ft)	262	24
Average Queue (ft)	239	1
95th Queue (ft)	253	24
Link Distance (ft)	221	210
Upstream Blk Time (%)	82	0
Queuing Penalty (veh)	0	0
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 80: Almaden Blvd

Movement	NB	NB	SB
Directions Served	T	T	T
Maximum Queue (ft)	60	66	20
Average Queue (ft)	14	32	1
95th Queue (ft)	43	60	27
Link Distance (ft)	457	457	464
Upstream Blk Time (%)			
Queuing Penalty (veh)			
Storage Bay Dist (ft)			
Storage Blk Time (%)			
Queuing Penalty (veh)			

Intersection: 81: SR 87 NB On

Movement

Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 82: SR 87 SB On

Movement

Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 83: SR 87 On/SR 87 NB On

Movement

Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 84: SR 87 SB On

Movement	SB	SB
Directions Served	L	T
Maximum Queue (ft)	122	298
Average Queue (ft)	43	183
95th Queue (ft)	88	295
Link Distance (ft)		331
Upstream Blk Time (%)		0
Queuing Penalty (veh)		0
Storage Bay Dist (ft)	300	
Storage Blk Time (%)		0
Queuing Penalty (veh)		0

Intersection: 85: I-280 SB Ramps

Movement	EB
Directions Served	T
Maximum Queue (ft)	328
Average Queue (ft)	146
95th Queue (ft)	275
Link Distance (ft)	702
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 86: I-280 NB Ramps

Movement	WB
Directions Served	T
Maximum Queue (ft)	101
Average Queue (ft)	4
95th Queue (ft)	74
Link Distance (ft)	381
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 101: Terraine St & St James St

Movement	EB	EB	EB	WB	WB	NB	SB
Directions Served	L	T	TR	T	TR	R	R
Maximum Queue (ft)	48	41	51	370	351	43	242
Average Queue (ft)	9	2	3	351	256	17	230
95th Queue (ft)	31	21	31	362	400	42	242
Link Distance (ft)	124	124	124	334	334	397	216
Upstream Blk Time (%)		0	0	86	9		97
Queuing Penalty (veh)		0	1	0	0		0
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Intersection: 102: Julian St & Pleasant St

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	T	T	T	T	R	L	R
Maximum Queue (ft)	350	343	265	281	185	125	358
Average Queue (ft)	295	311	233	226	35	116	222
95th Queue (ft)	390	349	285	302	147	140	426
Link Distance (ft)	284	284	219	219			335
Upstream Blk Time (%)	22	41	58	45			18
Queuing Penalty (veh)	198	363	270	208			0
Storage Bay Dist (ft)					125	100	
Storage Blk Time (%)				40	0	55	2
Queuing Penalty (veh)				20	0	20	6

Intersection: 103: Autumn St & Julian St

Movement	EB	EB	EB	WB	WB	WB	NB	SB	SB
Directions Served	L	T	TR	L	T	TR	LTR	LT	R
Maximum Queue (ft)	150	328	325	150	317	312	795	559	190
Average Queue (ft)	21	298	296	93	225	63	770	540	40
95th Queue (ft)	99	318	315	174	381	242	860	566	167
Link Distance (ft)		284	284		277	277	766	528	
Upstream Blk Time (%)		53	56		15	4	92	95	
Queuing Penalty (veh)		240	256		79	19	0	0	
Storage Bay Dist (ft)	90			90					130
Storage Blk Time (%)		88		14	28			93	
Queuing Penalty (veh)		10		64	35			25	

Intersection: 104: Montgomery St & Julian St

Movement	EB	EB	EB	WB	WB	WB	NB	NB	SB	SB
Directions Served	L	T	R	L	T	R	L	TR	LT	R
Maximum Queue (ft)	115	882	110	150	312	95	144	239	484	160
Average Queue (ft)	26	850	11	68	196	19	31	80	444	46
95th Queue (ft)	95	1014	64	150	367	61	85	199	534	161
Link Distance (ft)		863			284	284		466	445	
Upstream Blk Time (%)		57			8			0	86	
Queuing Penalty (veh)		385			39			0	0	
Storage Bay Dist (ft)	65		50	90			110			100
Storage Blk Time (%)	0	84	0	5	26		0	13	93	0
Queuing Penalty (veh)	2	39	0	36	26		0	5	25	0

Intersection: 105: Montgomery St & Santa Clara St

Movement	EB	EB	WB	WB	WB	WB
Directions Served	T	TR	L	L	T	T
Maximum Queue (ft)	225	224	149	226	254	248
Average Queue (ft)	122	154	83	100	111	170
95th Queue (ft)	242	252	153	185	257	305
Link Distance (ft)	196	196		226	226	226
Upstream Blk Time (%)	6	10		0	3	39
Queuing Penalty (veh)	39	64		2	13	160
Storage Bay Dist (ft)			90			
Storage Blk Time (%)			9	12		
Queuing Penalty (veh)			12	16		

Intersection: 106: Autumn St & Santa Clara St

Movement	EB	EB	EB	WB	WB	NB	NB	NB	SB	SB
Directions Served	UL	T	T	T	TR	L	T	R	L	R
Maximum Queue (ft)	91	177	181	301	293	394	228	117	473	209
Average Queue (ft)	37	57	56	212	237	162	80	47	235	126
95th Queue (ft)	89	153	139	350	334	389	224	89	608	248
Link Distance (ft)		226	226	261	261	519	519		504	
Upstream Blk Time (%)		5	1	18	45	3	2		33	
Queuing Penalty (veh)		21	6	91	223	0	0		0	
Storage Bay Dist (ft)	50							200		100
Storage Blk Time (%)	29	17							6	46
Queuing Penalty (veh)	129	6							9	15

Intersection: 107: Alameda Blvd & Santa Clara St

Movement	EB	EB	EB	WB	WB	SB	SB
Directions Served	T	T	R	LT	T	LT	R
Maximum Queue (ft)	172	195	110	214	209	438	165
Average Queue (ft)	151	153	94	122	115	214	70
95th Queue (ft)	190	199	147	218	215	436	161
Link Distance (ft)	128	128		181	181	444	
Upstream Blk Time (%)	24	22	0	20	20	17	
Queuing Penalty (veh)	183	169	0	69	67	0	
Storage Bay Dist (ft)			50				75
Storage Blk Time (%)		32	6			33	26
Queuing Penalty (veh)		112	37			26	61

Intersection: 108: Alameda Blvd/Notre Dame Ave & Santa Clara St

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB
Directions Served	L	T	T	L	T	TR	L	T	TR
Maximum Queue (ft)	190	119	115	120	263	256	293	280	244
Average Queue (ft)	93	44	45	104	234	226	120	122	91
95th Queue (ft)	182	96	95	160	281	286	270	253	193
Link Distance (ft)	181	181	181		227	227		354	354
Upstream Blk Time (%)	3				50	40	5	6	0
Queuing Penalty (veh)	14				0	0	0	0	0
Storage Bay Dist (ft)				60			300		
Storage Blk Time (%)				42	56		9	0	
Queuing Penalty (veh)				115	117		14	0	

Intersection: 109: Montgomery St & Park Ave

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	L	T	TR	L	T	TR	L	T	T	L	T	T
Maximum Queue (ft)	75	234	312	160	525	210	275	512	434	341	493	508
Average Queue (ft)	26	113	149	150	310	124	243	290	108	102	368	410
95th Queue (ft)	61	189	270	184	546	270	329	652	354	291	574	600
Link Distance (ft)		1117	1117		503			558	558		470	470
Upstream Blk Time (%)					9			7	0		9	45
Queuing Penalty (veh)					0			19	1		0	0
Storage Bay Dist (ft)	290			100		150	215			300		
Storage Blk Time (%)				51	25	1	57	0	0	0	24	69
Queuing Penalty (veh)				144	107	3	86	0	0	0	15	60

Intersection: 109: Montgomery St & Park Ave

Movement	SB
Directions Served	R
Maximum Queue (ft)	145
Average Queue (ft)	81
95th Queue (ft)	197
Link Distance (ft)	
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	85
Storage Blk Time (%)	0
Queuing Penalty (veh)	0

Intersection: 110: Almaden Blvd & Park Ave

Movement	EB	EB	EB	EB	WB	WB	WB	WB	NB	NB	NB	NB
Directions Served	L	L	T	R	L	T	T	R	L	L	T	T
Maximum Queue (ft)	114	127	190	203	180	601	537	140	196	232	370	317
Average Queue (ft)	40	66	56	29	164	295	181	29	97	135	136	87
95th Queue (ft)	93	114	132	137	207	559	416	108	188	227	295	227
Link Distance (ft)		858	858			669	669				554	554
Upstream Blk Time (%)						3	1					0
Queuing Penalty (veh)						0	0					0
Storage Bay Dist (ft)	190			120	80			50	160	160		
Storage Blk Time (%)		0	2	4	61	27	43	0	7	12	2	19
Queuing Penalty (veh)		0	6	3	102	63	22	1	10	18	4	5

Intersection: 110: Almaden Blvd & Park Ave

Movement	NB	SB	SB	SB	SB
Directions Served	R	L	T	T	R
Maximum Queue (ft)	44	229	600	606	150
Average Queue (ft)	2	68	568	572	124
95th Queue (ft)	26	189	624	634	215
Link Distance (ft)			559	559	
Upstream Blk Time (%)			40	54	
Queuing Penalty (veh)			0	0	
Storage Bay Dist (ft)	50	170			50
Storage Blk Time (%)			58	56	0
Queuing Penalty (veh)			28	244	1

Intersection: 111: Delmas Ave & San Carlos St

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	T	TR	L	T	T	LT	TR
Maximum Queue (ft)	455	437	240	384	361	473	486
Average Queue (ft)	263	233	181	164	97	309	333
95th Queue (ft)	430	401	285	413	270	525	534
Link Distance (ft)	506	506		387	387	467	467
Upstream Blk Time (%)	1	1		6	0	5	6
Queuing Penalty (veh)	0	0		20	0	21	24
Storage Bay Dist (ft)			150				
Storage Blk Time (%)			40	2			
Queuing Penalty (veh)			94	4			

Intersection: 112: Woz Way & San Carlos St

Movement	EB	EB	EB	WB	WB	WB	NB	NB	SB	SB	SE	NW
Directions Served	<	T	TR>	LT	T	>	<	T>	<	TR	<	>
Maximum Queue (ft)	240	404	409	648	622	210	135	333	188	232	38	45
Average Queue (ft)	148	289	279	390	361	163	58	305	60	205	6	7
95th Queue (ft)	278	438	423	633	628	254	152	341	170	229	26	29
Link Distance (ft)		387	387	714	714			247		189	88	80
Upstream Blk Time (%)		5	2	2	2			82	0	69		
Queuing Penalty (veh)		18	8	0	0			293	0	216		
Storage Bay Dist (ft)	150					150	75		150			
Storage Blk Time (%)	13	38			31	32	9	86		77		
Queuing Penalty (veh)	38	49			47	77	27	62		40		

Intersection: 112: Woz Way & San Carlos St

Movement	SW	SW
Directions Served	<	>
Maximum Queue (ft)	27	22
Average Queue (ft)	4	2
95th Queue (ft)	18	13
Link Distance (ft)	188	188
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 113: Bird Ave & Auzerais Ave

Movement	EB	EB	WB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LT	R	LT	R	L	T	T	TR	L	T	T	TR
Maximum Queue (ft)	553	160	673	75	138	193	176	158	241	450	496	579
Average Queue (ft)	245	114	606	28	109	142	114	124	64	241	319	434
95th Queue (ft)	461	229	789	87	162	194	183	179	171	403	543	663
Link Distance (ft)	712		632			139	139	139		506	506	506
Upstream Blk Time (%)	0		82		3	11	3	6		0	0	26
Queuing Penalty (veh)	0		0		0	33	8	19		1	1	161
Storage Bay Dist (ft)		100		50	100				200			
Storage Blk Time (%)	29	15	92	0	24	14				22		
Queuing Penalty (veh)	107	43	32	1	50	19				14		

Intersection: 114: Woz Way & Auzerais Ave

Movement	EB	EB	WB	NB	NB	NB	SB	NE	SW
Directions Served	<	R	LTR	L	T	T	TR>	T	T
Maximum Queue (ft)	308	451	62	211	230	242	214	45	41
Average Queue (ft)	121	395	16	125	173	164	100	6	7
95th Queue (ft)	293	540	49	248	264	279	206	26	27
Link Distance (ft)	429	429	310	197	197	197	206	205	88
Upstream Blk Time (%)	1	35		11	47	40	2		
Queuing Penalty (veh)	3	83		19	76	65	4		
Storage Bay Dist (ft)									
Storage Blk Time (%)									
Queuing Penalty (veh)									

Intersection: 115: Bird Ave & Virginia St

Movement	EB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LTR	LTR	L	T	T	TR	L	T	T	TR
Maximum Queue (ft)	102	191	62	157	301	365	249	361	262	242
Average Queue (ft)	38	78	11	68	88	182	176	89	70	79
95th Queue (ft)	82	155	39	139	228	323	260	262	173	170
Link Distance (ft)	303	623			457	457		502	502	502
Upstream Blk Time (%)						0		0		
Queuing Penalty (veh)						0		0		
Storage Bay Dist (ft)			100	100			190			
Storage Blk Time (%)				7	2		15	0		
Queuing Penalty (veh)				14	4		69	0		

Intersection: 123: VTA LRT & Park Ave

Movement	EB	EB	WB	WB	WB	NB	SB
Directions Served	T	T	T	T	T	T	T
Maximum Queue (ft)	46	44	48	23	55	46	38
Average Queue (ft)	11	12	18	2	13	8	6
95th Queue (ft)	34	36	43	14	40	31	26
Link Distance (ft)	10	10	16	16	16	308	489
Upstream Blk Time (%)	12	17	21	1	13		
Queuing Penalty (veh)	33	48	57	4	35		
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Intersection: 223: Park Ave & SR 87 SB Off

Movement	EB	EB	WB	WB	WB	SB	SB	SB	B78
Directions Served	T	T	T	T	T	L	L	R	T
Maximum Queue (ft)	42	36	100	279	262	489	810	470	1015
Average Queue (ft)	11	13	78	212	169	142	732	460	593
95th Queue (ft)	35	36	129	321	311	464	969	513	1275
Link Distance (ft)	16	16		233	233		711		979
Upstream Blk Time (%)	11	18		24	11		68		36
Queuing Penalty (veh)	32	50		63	29		0		0
Storage Bay Dist (ft)			75			400		350	
Storage Blk Time (%)			38	26		0	3	85	
Queuing Penalty (veh)			65	44		0	11	107	

Intersection: 301: VTA LRT

Movement
Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 302:

Movement
Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 303:

Movement

Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 304:

Movement

Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Network Summary

Network wide Queuing Penalty: 18214

Intersection: 13: Stockton Ave & Julian St

Movement	EB	EB	WB	WB	NB	NB	NB	SB	SB
Directions Served	L	TR	L	TR	L	T	R	L	TR
Maximum Queue (ft)	134	425	105	387	120	504	160	166	194
Average Queue (ft)	36	200	86	157	49	335	91	79	89
95th Queue (ft)	105	353	126	318	116	552	194	144	165
Link Distance (ft)		603		863		421			599
Upstream Blk Time (%)		0				13			
Queuing Penalty (veh)		0				73			
Storage Bay Dist (ft)	110		80		60		100	110	
Storage Blk Time (%)	0	26	29	13	6	53	0	5	4
Queuing Penalty (veh)	1	12	57	18	32	84	2	9	5

Intersection: 14: White St/Stockton Ave & The Alameda/Santa Clara St

Movement	EB	EB	EB	WB	WB	WB	NB	SB	SB
Directions Served	L	T	TR	T	T	R	LTR	L	LTR
Maximum Queue (ft)	190	490	427	454	465	110	39	240	304
Average Queue (ft)	155	180	126	410	420	97	5	94	176
95th Queue (ft)	220	425	327	518	518	143	24	213	280
Link Distance (ft)		723	723	428	428		351		297
Upstream Blk Time (%)				16	20				1
Queuing Penalty (veh)				105	131				6
Storage Bay Dist (ft)	130					50		180	
Storage Blk Time (%)	34	1			60	13		0	12
Queuing Penalty (veh)	84	2			211	64		1	15

Intersection: 15: Cahill St & Santa Clara St

Movement	EB	EB	WB	WB	WB	NB	NB	SB
Directions Served	T	TR	L	T	TR	LT	R	LTR
Maximum Queue (ft)	267	305	212	222	230	119	256	33
Average Queue (ft)	98	126	134	154	175	77	75	3
95th Queue (ft)	208	249	216	279	278	125	177	19
Link Distance (ft)	428	428	196	196	196		582	398
Upstream Blk Time (%)			5	10	17			
Queuing Penalty (veh)			25	50	82			
Storage Bay Dist (ft)						60		
Storage Blk Time (%)						38	3	
Queuing Penalty (veh)						34	4	

Intersection: 16: Bird Ave/Montgomery St & San Carlos St

Movement	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	NB	SB
Directions Served	UL	T	T	R	L	T	TR	UL	T	T	R	L
Maximum Queue (ft)	134	627	589	220	189	262	225	274	506	471	355	111
Average Queue (ft)	129	394	322	50	82	158	123	166	187	137	40	47
95th Queue (ft)	153	767	674	201	166	237	217	289	434	342	214	94
Link Distance (ft)		1094	1094			624	624		506	506	506	
Upstream Blk Time (%)		4	0						1	0	0	
Queuing Penalty (veh)		0	0						4	1	0	
Storage Bay Dist (ft)	75			160	130			215				300
Storage Blk Time (%)	75	21	12	0	2	18		4	4			
Queuing Penalty (veh)	134	37	25	0	3	15		26	13			

Intersection: 16: Bird Ave/Montgomery St & San Carlos St

Movement	SB	SB	SB	SB
Directions Served	T	T	T	R
Maximum Queue (ft)	239	202	187	110
Average Queue (ft)	126	87	71	35
95th Queue (ft)	205	177	155	106
Link Distance (ft)	558	558	558	
Upstream Blk Time (%)				
Queuing Penalty (veh)				
Storage Bay Dist (ft)				50
Storage Blk Time (%)	0		29	2
Queuing Penalty (veh)	0		30	2

Intersection: 17: Bird Ave & I-280 NB Ramps

Movement	WB	WB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	L	LTR	R	L	T	T	T	T	T	T	R
Maximum Queue (ft)	350	731	695	439	478	443	442	156	143	159	169
Average Queue (ft)	183	363	313	298	299	248	235	128	78	64	33
95th Queue (ft)	368	744	691	442	476	412	389	174	129	128	129
Link Distance (ft)		1333	1333		456	456	456	139	139	139	139
Upstream Blk Time (%)				2	5	1	0	24	0	1	1
Queuing Penalty (veh)				0	29	3	2	53	1	1	2
Storage Bay Dist (ft)	230			450							
Storage Blk Time (%)	1	34		2	5						
Queuing Penalty (veh)	3	34		12	15						

Intersection: 18: Bird Ave & I-280 SB Ramps

Movement	EB	EB	EB	B76	NB	NB	NB	SB	SB	SB	SB
Directions Served	L	LT	R	T	T	T	TR	L	T	T	T
Maximum Queue (ft)	510	640	170	76	465	477	492	403	308	264	93
Average Queue (ft)	258	297	100	5	240	201	218	335	91	64	26
95th Queue (ft)	484	631	236	69	455	422	443	413	202	169	74
Link Distance (ft)		1127		981	502	502	502		456	456	456
Upstream Blk Time (%)		1			2	0	1		0	0	
Queuing Penalty (veh)		0			9	2	3		1	0	
Storage Bay Dist (ft)	575		80					450			
Storage Blk Time (%)	1	55						0	0		
Queuing Penalty (veh)	5	231						0	1		

Intersection: 19: Julian St & Autumn Pkwy

Movement	EB	EB	EB	WB	WB	SB	SB	SB
Directions Served	L	T	T	T	TR	L	L	R
Maximum Queue (ft)	137	134	224	213	166	43	104	80
Average Queue (ft)	53	14	48	66	54	7	33	31
95th Queue (ft)	110	71	149	164	129	25	75	61
Link Distance (ft)		277	277	284	284		675	675
Upstream Blk Time (%)			0	0				
Queuing Penalty (veh)			0	0				
Storage Bay Dist (ft)	90					180		
Storage Blk Time (%)	3	0						
Queuing Penalty (veh)	7	0						

Intersection: 20: Almaden Blvd & SR 87 SB On & Julian St

Movement	EB	EB	EB	EB	WB	WB	WB	SB	SB	SB
Directions Served	T	T	R	>	L	T	T	<	T	R
Maximum Queue (ft)	128	222	110	79	210	131	263	282	269	119
Average Queue (ft)	35	62	54	12	73	20	72	143	127	51
95th Queue (ft)	94	179	125	57	168	77	192	240	214	98
Link Distance (ft)	214	214				438	438		1058	
Upstream Blk Time (%)		1								
Queuing Penalty (veh)		3								
Storage Bay Dist (ft)			50	50	375			385		385
Storage Blk Time (%)		7	7	0						
Queuing Penalty (veh)		17	10	0						

Intersection: 21: SR 87 NB Off & Notre Dame Ave/SR 87 NB On & Julian St/St James St

Movement	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	NB	NE
Directions Served	L	L	T	T	T	T	R	L	LT	T	R	<
Maximum Queue (ft)	125	133	355	355	154	132	51	313	447	380	296	229
Average Queue (ft)	45	62	203	213	94	63	10	161	283	229	149	104
95th Queue (ft)	100	110	317	324	159	124	32	276	403	340	259	194
Link Distance (ft)		438	438	438	124	124	124	442	442	442	442	
Upstream Blk Time (%)					16	4			1			
Queuing Penalty (veh)					26	6			0			
Storage Bay Dist (ft)	375											180
Storage Blk Time (%)												1
Queuing Penalty (veh)												3

Intersection: 21: SR 87 NB Off & Notre Dame Ave/SR 87 NB On & Julian St/St James St

Movement	NE	NE	NE
Directions Served	<L	R	R
Maximum Queue (ft)	310	342	304
Average Queue (ft)	136	165	152
95th Queue (ft)	236	271	249
Link Distance (ft)		850	
Upstream Blk Time (%)			
Queuing Penalty (veh)			
Storage Bay Dist (ft)	180		180
Storage Blk Time (%)	4	6	4
Queuing Penalty (veh)	22	37	26

Intersection: 22: SR 87 NB Off & Santa Clara St

Movement	EB	EB	WB	WB	NB	NB	NB	NB	B44	B44
Directions Served	T	T	T	T	L	L	R	R	T	T
Maximum Queue (ft)	214	221	182	173	240	1009	1006	240	1022	1023
Average Queue (ft)	143	164	127	126	147	946	980	239	877	893
95th Queue (ft)	231	238	183	181	246	1164	1029	244	1311	1301
Link Distance (ft)	193	193	145	145		919	919		970	970
Upstream Blk Time (%)	4	7	8	8		22	63		54	62
Queuing Penalty (veh)	13	25	33	32		0	0		0	0
Storage Bay Dist (ft)					120				120	
Storage Blk Time (%)					14	17	60	62		
Queuing Penalty (veh)					49	62	324	338		

Intersection: 23: Delmas Ave & Park Ave

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	T	R	L	T	TR	LT	TR
Maximum Queue (ft)	307	160	39	62	50	251	304
Average Queue (ft)	275	61	10	33	26	137	166
95th Queue (ft)	315	174	33	53	48	229	265
Link Distance (ft)	214		26	26	26		575
Upstream Blk Time (%)	51		11	30	16		
Queuing Penalty (veh)	277		21	60	32		
Storage Bay Dist (ft)		100				400	
Storage Blk Time (%)	60						0
Queuing Penalty (veh)	43						0

Intersection: 24: Woz Way/SR 87 On & Park Ave

Movement	EB	EB	EB	WB	WB	WB	WB	NB	NB
Directions Served	L	T	TR	L	T	T	R	LT	R
Maximum Queue (ft)	209	279	273	62	126	71	106	224	160
Average Queue (ft)	131	120	145	14	40	9	26	181	86
95th Queue (ft)	226	258	282	40	99	47	76	256	192
Link Distance (ft)		249	249		878	878		210	
Upstream Blk Time (%)		2	3					8	
Queuing Penalty (veh)		11	13					38	
Storage Bay Dist (ft)	150			250			140		100
Storage Blk Time (%)	9	3				0	0	29	0
Queuing Penalty (veh)	31	7				0	0	30	1

Intersection: 25: SR 87 SB On/Delmas Ave & Auzerais Ave

Movement	EB	WB	WB	SB	SB
Directions Served	TR	L	T	L	TR
Maximum Queue (ft)	192	97	167	132	266
Average Queue (ft)	84	30	56	48	101
95th Queue (ft)	153	74	127	103	214
Link Distance (ft)	599		429	533	533
Upstream Blk Time (%)					
Queuing Penalty (veh)					
Storage Bay Dist (ft)		150			
Storage Blk Time (%)			1		
Queuing Penalty (veh)			0		

Intersection: 26: Woz Way & SR 87 NB Off

Movement	EB	EB	EB	NB	SB
Directions Served	L	L	R	T	T
Maximum Queue (ft)	137	93	99	221	166
Average Queue (ft)	67	32	45	94	62
95th Queue (ft)	113	73	80	174	134
Link Distance (ft)		596		1007	197
Upstream Blk Time (%)					0
Queuing Penalty (veh)					0
Storage Bay Dist (ft)	120		190		
Storage Blk Time (%)	1	0			
Queuing Penalty (veh)	2	0			

Intersection: 51: Stockton Ave

Movement	NB	SB
Directions Served	LT	TR
Maximum Queue (ft)	260	118
Average Queue (ft)	55	10
95th Queue (ft)	202	82
Link Distance (ft)	297	421
Upstream Blk Time (%)	1	
Queuing Penalty (veh)	8	
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 52: Delmas Ave & Santa Clara St

Movement	WB	WB
Directions Served	T	T
Maximum Queue (ft)	621	633
Average Queue (ft)	236	253
95th Queue (ft)	665	676
Link Distance (ft)	567	567
Upstream Blk Time (%)	10	11
Queuing Penalty (veh)	70	84
Storage Bay Dist (ft)		
Storage Blk Time (%)	22	
Queuing Penalty (veh)	0	

Intersection: 53: Parking & Santa Clara St

Movement	EB	EB	WB	WB
Directions Served	T	TR	T	T
Maximum Queue (ft)	155	182	145	158
Average Queue (ft)	19	31	32	36
95th Queue (ft)	84	109	160	170
Link Distance (ft)	567	567	193	193
Upstream Blk Time (%)			3	4
Queuing Penalty (veh)			20	26
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 54: Almaden Plaza & Santa Clara St

Movement	EB	EB	WB	WB
Directions Served	T	TR	T	T
Maximum Queue (ft)	169	181	134	120
Average Queue (ft)	150	155	29	29
95th Queue (ft)	177	179	104	103
Link Distance (ft)	145	145	133	133
Upstream Blk Time (%)	15	17	2	2
Queuing Penalty (veh)	135	152	5	5
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 55: Woz Way

Movement	NB	SB	SB
Directions Served	TR	L	T
Maximum Queue (ft)	199	103	40
Average Queue (ft)	67	47	2
95th Queue (ft)	190	90	29
Link Distance (ft)	189		210
Upstream Blk Time (%)	1		
Queuing Penalty (veh)	9		
Storage Bay Dist (ft)		50	
Storage Blk Time (%)		7	
Queuing Penalty (veh)		3	

Intersection: 56: Woz Way

Movement	NB	NB
Directions Served	T	R
Maximum Queue (ft)	307	47
Average Queue (ft)	133	7
95th Queue (ft)	327	72
Link Distance (ft)	206	206
Upstream Blk Time (%)	15	1
Queuing Penalty (veh)	36	3
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 57: Park Ave

Movement	EB
Directions Served	T
Maximum Queue (ft)	264
Average Queue (ft)	180
95th Queue (ft)	320
Link Distance (ft)	221
Upstream Blk Time (%)	31
Queuing Penalty (veh)	0
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 81: SR 87 NB On

Movement	NB	NB	NB
Directions Served	L	T	T
Maximum Queue (ft)	114	270	276
Average Queue (ft)	43	132	142
95th Queue (ft)	88	231	237
Link Distance (ft)		511	511
Upstream Blk Time (%)			
Queuing Penalty (veh)			
Storage Bay Dist (ft)	450		
Storage Blk Time (%)			
Queuing Penalty (veh)			

Intersection: 82: SR 87 SB On

Movement
Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 83: SR 87 On/SR 87 NB On

Movement	NB	NB
Directions Served	L	T
Maximum Queue (ft)	72	265
Average Queue (ft)	35	147
95th Queue (ft)	62	227
Link Distance (ft)		314
Upstream Blk Time (%)		0
Queuing Penalty (veh)		0
Storage Bay Dist (ft)	300	
Storage Blk Time (%)		0
Queuing Penalty (veh)		0

Intersection: 84: SR 87 SB On

Movement
Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 85: I-280 SB Ramps

Movement
Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 86: I-280 NB Ramps

Movement	WB	WB
Directions Served	T	T
Maximum Queue (ft)	98	104
Average Queue (ft)	53	63
95th Queue (ft)	81	93
Link Distance (ft)	381	381
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 101: Terraine St & St James St

Movement	EB	EB	EB	WB	WB	NB	SB
Directions Served	L	T	TR	T	TR	R	R
Maximum Queue (ft)	66	18	23	354	287	29	228
Average Queue (ft)	17	1	1	208	120	6	93
95th Queue (ft)	48	14	16	339	257	24	201
Link Distance (ft)	124	124	124	334	334	397	216
Upstream Blk Time (%)		0	0	2	0		4
Queuing Penalty (veh)		0	0	0	0		0
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Intersection: 102: Julian St & Pleasant St

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	LT	T	T	T	R	L	R
Maximum Queue (ft)	153	296	173	213	183	66	31
Average Queue (ft)	48	151	58	64	65	16	3
95th Queue (ft)	114	288	137	157	144	48	19
Link Distance (ft)	284	284	214	214			335
Upstream Blk Time (%)	0	1	0	1			
Queuing Penalty (veh)	0	4	0	2			
Storage Bay Dist (ft)					125	100	
Storage Blk Time (%)				2	1	0	
Queuing Penalty (veh)				7	2	0	

Intersection: 103: Autumn St & Julian St

Movement	EB	EB	EB	WB	WB	WB	NB	SB
Directions Served	L	T	TR	L	T	TR	LTR	LT
Maximum Queue (ft)	33	117	158	93	136	57	143	46
Average Queue (ft)	5	40	57	23	27	7	57	9
95th Queue (ft)	23	95	132	60	90	32	108	33
Link Distance (ft)		284	284		277	277	766	528
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)	90			90				
Storage Blk Time (%)		1		1	1			
Queuing Penalty (veh)		0		1	0			

Intersection: 104: Montgomery St & Julian St

Movement	EB	EB	EB	WB	WB	WB	NB	NB	SB	SB
Directions Served	L	T	R	L	T	R	L	TR	LT	R
Maximum Queue (ft)	89	273	96	62	180	67	77	41	83	44
Average Queue (ft)	19	95	6	19	49	10	28	11	27	12
95th Queue (ft)	57	215	39	48	130	40	64	36	62	35
Link Distance (ft)		863			284	284		466	445	
Upstream Blk Time (%)					0					
Queuing Penalty (veh)					0					
Storage Bay Dist (ft)	65		50	90			110			100
Storage Blk Time (%)	1	12	0	0	2		0		0	
Queuing Penalty (veh)	2	4	0	0	1		0		0	

Intersection: 105: Montgomery St & Santa Clara St

Movement	EB	EB	WB	WB	WB	WB
Directions Served	T	TR	L	L	T	T
Maximum Queue (ft)	193	203	150	238	254	259
Average Queue (ft)	61	84	100	136	179	191
95th Queue (ft)	145	172	158	221	310	313
Link Distance (ft)	196	196		230	230	230
Upstream Blk Time (%)	0	1		1	8	13
Queuing Penalty (veh)	1	3		7	48	76
Storage Bay Dist (ft)			90			
Storage Blk Time (%)			14	32		
Queuing Penalty (veh)			18	41		

Intersection: 106: Autumn St & Santa Clara St

Movement	EB	EB	EB	WB	WB	NB	NB	NB	SB	SB
Directions Served	UL	T	T	T	TR	L	T	R	L	R
Maximum Queue (ft)	68	183	180	354	352	483	413	144	114	130
Average Queue (ft)	14	63	78	282	291	253	158	46	28	47
95th Queue (ft)	46	149	161	406	398	473	341	101	84	97
Link Distance (ft)		230	230	266	266	523	523		508	
Upstream Blk Time (%)		0	0	29	35	4	1			
Queuing Penalty (veh)		0	0	219	258	0	0			
Storage Bay Dist (ft)	50							200		100
Storage Blk Time (%)	4	15					3		0	3
Queuing Penalty (veh)	11	2					4		0	1

Intersection: 107: Almaden Blvd & Santa Clara St

Movement	EB	EB	EB	WB	WB	SB	SB
Directions Served	T	T	R	T	T	LT	R
Maximum Queue (ft)	157	182	110	156	146	273	165
Average Queue (ft)	138	145	82	66	61	105	42
95th Queue (ft)	153	171	149	132	127	195	100
Link Distance (ft)	133	133		203	203	448	
Upstream Blk Time (%)	17	17		0	1		
Queuing Penalty (veh)	149	152		2	2		
Storage Bay Dist (ft)			50				75
Storage Blk Time (%)		27	3			22	1
Queuing Penalty (veh)		91	19			17	2

Intersection: 108: Almaden Blvd/Notre Dame Ave & Santa Clara St

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB
Directions Served	L	T	T	L	T	TR	L	T	TR
Maximum Queue (ft)	186	131	122	117	256	259	174	294	280
Average Queue (ft)	101	56	55	39	176	158	68	167	142
95th Queue (ft)	166	109	107	100	268	258	138	254	237
Link Distance (ft)	203	203	203		231	231		358	358
Upstream Blk Time (%)	0				4	3		0	0
Queuing Penalty (veh)	2				0	0		0	0
Storage Bay Dist (ft)				60			300		
Storage Blk Time (%)				2	35			0	
Queuing Penalty (veh)				7	13			0	

Intersection: 109: Montgomery St & Park Ave

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	NB	SB	SB
Directions Served	L	T	TR	L	T	TR	L	T	T	R	L	T
Maximum Queue (ft)	92	182	247	127	183	141	275	564	538	24	62	195
Average Queue (ft)	35	82	82	34	92	17	257	337	238	1	17	102
95th Queue (ft)	75	149	205	87	158	82	315	672	586	24	49	179
Link Distance (ft)		1117	1117		503			558	558			470
Upstream Blk Time (%)								2	1			
Queuing Penalty (veh)								17	5			
Storage Bay Dist (ft)	290			100		150	215			150	300	
Storage Blk Time (%)				1	14	0	33	0	0			
Queuing Penalty (veh)				1	14	0	144	0	1			

Intersection: 109: Montgomery St & Park Ave

Movement	SB	SB
Directions Served	T	R
Maximum Queue (ft)	193	119
Average Queue (ft)	79	7
95th Queue (ft)	158	57
Link Distance (ft)	470	
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		85
Storage Blk Time (%)	6	
Queuing Penalty (veh)	2	

Intersection: 110: Almaden Blvd & Park Ave

Movement	EB	EB	EB	EB	WB	WB	WB	WB	NB	NB	NB	NB
Directions Served	L	L	T	R	L	T	T	R	L	L	T	T
Maximum Queue (ft)	264	362	208	123	88	72	72	37	163	193	96	55
Average Queue (ft)	153	180	81	5	33	20	19	4	43	85	28	11
95th Queue (ft)	251	294	165	58	74	57	56	22	104	154	72	40
Link Distance (ft)		878	878			669	669				554	554
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	190			120	80			50	160	160		
Storage Blk Time (%)	5	11	5		2	1	4	0	0	2	0	1
Queuing Penalty (veh)	9	22	13		0	0	1	0	0	1	0	0

Intersection: 110: Almaden Blvd & Park Ave

Movement	SB	SB	SB	SB
Directions Served	L	T	T	R
Maximum Queue (ft)	61	170	121	6
Average Queue (ft)	13	82	22	0
95th Queue (ft)	43	148	80	6
Link Distance (ft)		559	559	
Upstream Blk Time (%)				
Queuing Penalty (veh)				
Storage Bay Dist (ft)	170			50
Storage Blk Time (%)		0	2	
Queuing Penalty (veh)		0	1	

Intersection: 111: Delmas Ave & San Carlos St

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	T	TR	L	T	T	LT	TR
Maximum Queue (ft)	240	199	80	165	179	256	325
Average Queue (ft)	114	64	22	41	42	86	148
95th Queue (ft)	207	149	61	117	131	193	296
Link Distance (ft)	506	506		387	387	483	483
Upstream Blk Time (%)							
Queuing Penalty (veh)							
Storage Bay Dist (ft)			150				
Storage Blk Time (%)				0			
Queuing Penalty (veh)				0			

Intersection: 112: Woz Way & San Carlos St

Movement	EB	EB	EB	WB	WB	WB	NB	NB	SB	SB	SE	NW
Directions Served	<	T	TR>	LT	T	>	<	TR>	<	TR	<	>
Maximum Queue (ft)	239	391	362	300	298	204	135	324	79	44	45	40
Average Queue (ft)	168	199	161	161	137	121	58	288	27	9	6	6
95th Queue (ft)	276	379	327	258	270	209	150	364	67	32	25	27
Link Distance (ft)		387	387	714	714			247		189	88	80
Upstream Blk Time (%)		2	0					38				0
Queuing Penalty (veh)		5	0					181				0
Storage Bay Dist (ft)	150					150	75		150			
Storage Blk Time (%)	31	9			6	12	3	61				
Queuing Penalty (veh)	63	18			8	15	12	48				

Intersection: 112: Woz Way & San Carlos St

Movement	SW	SW
Directions Served	<	>
Maximum Queue (ft)	27	18
Average Queue (ft)	3	2
95th Queue (ft)	15	11
Link Distance (ft)	188	188
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 113: Bird Ave & Auzerais Ave

Movement	EB	EB	WB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LT	R	LT	R	L	T	T	TR	L	T	T	TR
Maximum Queue (ft)	227	144	610	75	139	203	195	169	244	443	280	239
Average Queue (ft)	89	16	335	24	122	165	146	142	44	186	53	95
95th Queue (ft)	177	95	699	77	158	197	192	181	144	372	161	188
Link Distance (ft)	712		632			139	139	139		506	506	506
Upstream Blk Time (%)			17		16	32	18	18		0	0	
Queuing Penalty (veh)			0		0	222	122	122		0	0	
Storage Bay Dist (ft)		100		50	100				200			
Storage Blk Time (%)	10	0	76	2	43	20				5		
Queuing Penalty (veh)	18	0	20	2	256	36				2		

Intersection: 114: Woz Way & Auzerais Ave

Movement	EB	EB	WB	NB	NB	NB	SB	NE	SW
Directions Served	<	R	LTR	L	T	T	TR	T	T
Maximum Queue (ft)	112	182	34	199	178	168	64	24	40
Average Queue (ft)	36	75	8	87	94	56	13	4	5
95th Queue (ft)	101	148	29	162	182	162	43	17	25
Link Distance (ft)	429	429	310	197	197	197	206	205	88
Upstream Blk Time (%)				1	3	2			0
Queuing Penalty (veh)				2	5	3			0
Storage Bay Dist (ft)									
Storage Blk Time (%)									
Queuing Penalty (veh)									

Intersection: 115: Bird Ave & Virginia St

Movement	EB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LTR	LTR	L	T	T	TR	L	T	T	TR
Maximum Queue (ft)	179	578	118	160	480	481	237	244	146	152
Average Queue (ft)	78	332	31	145	313	361	151	37	64	83
95th Queue (ft)	146	556	86	190	505	525	236	152	129	139
Link Distance (ft)	303	623			457	457		502	502	502
Upstream Blk Time (%)		3			6	6				
Queuing Penalty (veh)		0			0	0				
Storage Bay Dist (ft)			100	100			190			
Storage Blk Time (%)			0	25	25		9			
Queuing Penalty (veh)			1	106	111		12			

Intersection: 123: VTA LRT & Park Ave

Movement	EB	EB	WB	WB	WB	NB	SB
Directions Served	T	T	T	T	T	T	T
Maximum Queue (ft)	45	41	28	40	48	43	43
Average Queue (ft)	12	5	2	11	14	7	7
95th Queue (ft)	37	25	14	34	40	28	28
Link Distance (ft)	26	26	16	16	16	310	489
Upstream Blk Time (%)	16	6	2	13	10		
Queuing Penalty (veh)	41	14	3	25	19		
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Intersection: 223: Park Ave & SR 87 SB Off

Movement	EB	EB	WB	WB	WB	SB	SB	SB	B78
Directions Served	T	T	T	T	T	L	L	R	T
Maximum Queue (ft)	42	42	113	248	24	490	808	470	1024
Average Queue (ft)	14	9	10	111	1	267	667	433	589
95th Queue (ft)	38	32	54	209	8	555	1023	549	1335
Link Distance (ft)	16	16		249	249		711		979
Upstream Blk Time (%)	20	11		0			36		30
Queuing Penalty (veh)	49	27		0			0		0
Storage Bay Dist (ft)			75			400		350	
Storage Blk Time (%)				24		0	5	54	
Queuing Penalty (veh)				13		1	34	295	

Intersection: 301: VTA LRT

Movement
Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 302:

Movement
Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 303:

Movement

Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 304:

Movement

Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Network Summary

Network wide Queuing Penalty: 7272

Intersection: 13: Stockton Ave & Julian St

Movement	EB	EB	WB	WB	NB	NB	NB	SB	SB
Directions Served	L	TR	L	TR	L	T	R	L	TR
Maximum Queue (ft)	134	563	105	872	119	506	160	185	638
Average Queue (ft)	36	319	86	545	49	281	127	177	592
95th Queue (ft)	118	695	126	930	112	573	202	203	718
Link Distance (ft)		603		863		421			599
Upstream Blk Time (%)		27		3		21			65
Queuing Penalty (veh)		0		20		102			0
Storage Bay Dist (ft)	110		80		60		100	110	
Storage Blk Time (%)	0	51	33	44	7	26	40	74	29
Queuing Penalty (veh)	1	14	188	51	31	67	103	416	63

Intersection: 14: White St/Stockton Ave & The Alameda/Santa Clara St

Movement	EB	EB	EB	WB	WB	WB	NB	SB	SB
Directions Served	L	T	TR	T	T	R	LTR	L	TR
Maximum Queue (ft)	189	421	361	392	428	110	41	230	259
Average Queue (ft)	123	124	120	168	203	81	6	94	98
95th Queue (ft)	196	300	269	338	398	142	28	211	213
Link Distance (ft)		723	723	428	428		351		297
Upstream Blk Time (%)				0	3				1
Queuing Penalty (veh)				1	12				7
Storage Bay Dist (ft)	130					50		180	
Storage Blk Time (%)	14	1			30	16		4	1
Queuing Penalty (veh)	42	2			90	50		16	3

Intersection: 15: Cahill St & Santa Clara St

Movement	EB	EB	WB	WB	WB	NB	NB	SB
Directions Served	T	TR	L	T	TR	LT	R	LTR
Maximum Queue (ft)	212	269	176	75	108	118	192	85
Average Queue (ft)	103	137	81	4	15	66	58	27
95th Queue (ft)	190	240	147	38	78	111	133	66
Link Distance (ft)	428	428	196	196	196		582	398
Upstream Blk Time (%)			0	0	1			
Queuing Penalty (veh)			0	0	4			
Storage Bay Dist (ft)						60		
Storage Blk Time (%)						27	3	
Queuing Penalty (veh)						24	3	

Intersection: 16: Bird Ave/Montgomery St & San Carlos St

Movement	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	NB	SB
Directions Served	UL	T	T	R	L	T	TR	UL	T	T	R	L
Maximum Queue (ft)	135	545	579	220	189	377	288	211	199	108	36	330
Average Queue (ft)	102	334	320	182	157	164	86	124	46	47	2	138
95th Queue (ft)	165	491	512	300	211	319	196	200	128	91	22	308
Link Distance (ft)		1094	1094			624	624		506	506	506	
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	75			160	130			215				300
Storage Blk Time (%)	29	57	27	10	23	2		2	0			1
Queuing Penalty (veh)	118	63	107	41	37	6		3	0			4

Intersection: 16: Bird Ave/Montgomery St & San Carlos St

Movement	SB	SB	SB	SB
Directions Served	T	T	T	R
Maximum Queue (ft)	536	542	634	110
Average Queue (ft)	280	310	443	54
95th Queue (ft)	483	602	717	142
Link Distance (ft)	558	558	558	
Upstream Blk Time (%)	0	0	8	
Queuing Penalty (veh)	2	0	34	
Storage Bay Dist (ft)				50
Storage Blk Time (%)	8		67	0
Queuing Penalty (veh)	10		56	0

Intersection: 17: Bird Ave & I-280 NB Ramps

Movement	WB	WB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	L	LTR	R	L	T	T	T	T	T	T	R
Maximum Queue (ft)	332	444	347	230	153	109	125	165	173	219	207
Average Queue (ft)	189	232	94	99	60	42	50	137	112	129	119
95th Queue (ft)	282	372	242	200	123	92	102	168	170	219	227
Link Distance (ft)		1333	1333		456	456	456	139	139	139	139
Upstream Blk Time (%)								21	2	7	10
Queuing Penalty (veh)								109	8	37	53
Storage Bay Dist (ft)	230			450							
Storage Blk Time (%)	3	10									
Queuing Penalty (veh)	14	23									

Intersection: 18: Bird Ave & I-280 SB Ramps

Movement	EB	EB	EB	NB	NB	NB	SB	SB	SB	SB
Directions Served	L	LT	R	T	T	TR	L	T	T	T
Maximum Queue (ft)	107	113	17	186	115	239	439	398	66	128
Average Queue (ft)	40	50	1	69	31	52	174	37	33	43
95th Queue (ft)	86	96	17	149	83	153	361	202	61	103
Link Distance (ft)		1127		502	502	502		456	456	456
Upstream Blk Time (%)							0	0		
Queuing Penalty (veh)							0	2		
Storage Bay Dist (ft)	575		80				450			
Storage Blk Time (%)		3					0	0		
Queuing Penalty (veh)		8					2	2		

Intersection: 19: Julian St & Autumn Pkwy

Movement	EB	EB	EB	WB	WB	SB	SB	SB
Directions Served	L	T	T	T	TR	L	L	R
Maximum Queue (ft)	150	324	348	321	332	240	711	706
Average Queue (ft)	95	295	327	258	185	236	672	639
95th Queue (ft)	195	321	366	359	370	258	797	921
Link Distance (ft)		277	277	284	284		675	675
Upstream Blk Time (%)		50	82	26	12		77	72
Queuing Penalty (veh)		228	374	79	36		0	0
Storage Bay Dist (ft)	90					180		
Storage Blk Time (%)	4	57				58	89	
Queuing Penalty (veh)	17	59				147	226	

Intersection: 20: Almaden Blvd & SR 87 SB On & Julian St

Movement	EB	EB	EB	EB	WB	WB	WB	SB	SB	SB
Directions Served	T	T	R	>	L	T	T	<	T	R
Maximum Queue (ft)	195	266	110	79	280	283	273	162	144	123
Average Queue (ft)	75	232	105	8	83	61	49	75	56	40
95th Queue (ft)	162	317	134	48	195	224	209	138	114	98
Link Distance (ft)	219	219					438	438		457
Upstream Blk Time (%)	0	20			0	0	0			
Queuing Penalty (veh)	0	160			0	2	1			
Storage Bay Dist (ft)			50	50	375			385		385
Storage Blk Time (%)		15	28	0		1				
Queuing Penalty (veh)		130	102	0		2				

Intersection: 21: SR 87 NB Off & Notre Dame Ave/SR 87 NB On & Julian St/St James St

Movement	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	NB	NE
Directions Served	L	L	T	T	T	T	R	L	LT	T	R	<
Maximum Queue (ft)	223	229	364	373	194	177	62	454	442	404	229	158
Average Queue (ft)	113	125	225	231	146	146	12	404	362	273	110	74
95th Queue (ft)	200	207	344	345	181	185	37	499	475	394	202	137
Link Distance (ft)		438	438	438	124	124	124	425	425	425	425	
Upstream Blk Time (%)			0	0	49	56		18	4	0		
Queuing Penalty (veh)			0	0	172	197		0	0	0		
Storage Bay Dist (ft)	375											180
Storage Blk Time (%)												0
Queuing Penalty (veh)												0

Intersection: 21: SR 87 NB Off & Notre Dame Ave/SR 87 NB On & Julian St/St James St

Movement	NE	NE	NE
Directions Served	<L	R	R
Maximum Queue (ft)	216	253	229
Average Queue (ft)	68	110	97
95th Queue (ft)	148	197	189
Link Distance (ft)		850	
Upstream Blk Time (%)			
Queuing Penalty (veh)			
Storage Bay Dist (ft)	180		180
Storage Blk Time (%)	0	1	0
Queuing Penalty (veh)	0	3	1

Intersection: 22: SR 87 NB Off & Santa Clara St

Movement	EB	EB	WB	WB	NB	NB	NB	NB
Directions Served	T	T	T	T	L	L	R	R
Maximum Queue (ft)	197	209	159	155	144	143	356	240
Average Queue (ft)	99	123	113	107	70	74	163	146
95th Queue (ft)	198	223	168	166	125	123	283	233
Link Distance (ft)	177	177	129	129		914	914	
Upstream Blk Time (%)	2	4	10	8				
Queuing Penalty (veh)	7	15	37	31				
Storage Bay Dist (ft)					120			120
Storage Blk Time (%)					2	2	18	14
Queuing Penalty (veh)					3	2	50	41

Intersection: 23: Delmas Ave & Park Ave

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	T	R	L	T	TR	LT	TR
Maximum Queue (ft)	295	160	42	25	55	424	515
Average Queue (ft)	275	80	19	2	18	257	313
95th Queue (ft)	294	194	41	16	47	406	466
Link Distance (ft)	210		10	10	10		575
Upstream Blk Time (%)	72		22	1	18		0
Queuing Penalty (veh)	337		51	3	40		0
Storage Bay Dist (ft)		100				400	
Storage Blk Time (%)	75	0				0	3
Queuing Penalty (veh)	75	0				1	9

Intersection: 24: Woz Way/SR 87 On & Park Ave

Movement	EB	EB	EB	WB	WB	WB	WB	NB	NB
Directions Served	L	T	TR	L	T	T	R	LT	R
Maximum Queue (ft)	196	203	247	253	355	362	222	250	160
Average Queue (ft)	103	48	102	108	134	101	84	197	78
95th Queue (ft)	182	133	223	200	278	264	186	274	185
Link Distance (ft)		233	233		858	858		206	
Upstream Blk Time (%)		0	1			0		16	
Queuing Penalty (veh)		1	3			0		73	
Storage Bay Dist (ft)	150			250			140		100
Storage Blk Time (%)	6	0		0	1	3	3	36	0
Queuing Penalty (veh)	11	1		1	2	9	6	34	1

Intersection: 25: SR 87 SB On/Delmas Ave & Auzerais Ave

Movement	EB	WB	WB	SB	SB
Directions Served	TR	L	T	L	TR
Maximum Queue (ft)	539	161	195	521	550
Average Queue (ft)	284	73	73	153	332
95th Queue (ft)	530	133	158	422	599
Link Distance (ft)	599		429	533	533
Upstream Blk Time (%)	3			0	2
Queuing Penalty (veh)	0			0	7
Storage Bay Dist (ft)		150			
Storage Blk Time (%)		1	2		
Queuing Penalty (veh)		1	1		

Intersection: 26: Woz Way & SR 87 NB Off

Movement	EB	EB	EB	NB	SB
Directions Served	L	L	R	T	T
Maximum Queue (ft)	145	100	126	130	217
Average Queue (ft)	70	26	58	55	139
95th Queue (ft)	123	72	104	109	237
Link Distance (ft)		596		1007	197
Upstream Blk Time (%)					3
Queuing Penalty (veh)					17
Storage Bay Dist (ft)	120		190		
Storage Blk Time (%)	1	0			
Queuing Penalty (veh)	3	0			

Intersection: 51: Stockton Ave

Movement	NB	SB
Directions Served	LT	TR
Maximum Queue (ft)	310	139
Average Queue (ft)	77	9
95th Queue (ft)	290	87
Link Distance (ft)	297	421
Upstream Blk Time (%)	9	0
Queuing Penalty (veh)	43	1
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 52: Delmas Ave & Santa Clara St

Movement	EB	WB	WB	WB
Directions Served	TR	L	T	T
Maximum Queue (ft)	2	53	112	148
Average Queue (ft)	0	16	10	16
95th Queue (ft)	2	44	57	78
Link Distance (ft)	261		567	567
Upstream Blk Time (%)				
Queuing Penalty (veh)				
Storage Bay Dist (ft)		100		
Storage Blk Time (%)			0	
Queuing Penalty (veh)			0	

Intersection: 53: Parking & Santa Clara St

Movement	EB	EB
Directions Served	T	TR
Maximum Queue (ft)	112	147
Average Queue (ft)	10	22
95th Queue (ft)	58	94
Link Distance (ft)	567	567
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 54: Almaden Plaza & Santa Clara St

Movement	EB	EB	WB	WB	WB
Directions Served	T	TR	L	T	T
Maximum Queue (ft)	144	147	33	114	103
Average Queue (ft)	74	79	5	24	16
95th Queue (ft)	162	169	24	82	67
Link Distance (ft)	129	129	128	128	128
Upstream Blk Time (%)	3	3		0	0
Queuing Penalty (veh)	19	23		0	0
Storage Bay Dist (ft)					
Storage Blk Time (%)					
Queuing Penalty (veh)					

Intersection: 55: Woz Way

Movement	WB	NB	SB
Directions Served	LR	TR	T
Maximum Queue (ft)	233	198	197
Average Queue (ft)	87	76	51
95th Queue (ft)	198	205	163
Link Distance (ft)	308	189	206
Upstream Blk Time (%)	3	4	2
Queuing Penalty (veh)	0	14	4
Storage Bay Dist (ft)			
Storage Blk Time (%)			13
Queuing Penalty (veh)			0

Intersection: 56: Woz Way

Movement	NB	NB	SB
Directions Served	T	R	T
Maximum Queue (ft)	237	22	82
Average Queue (ft)	50	3	7
95th Queue (ft)	199	39	42
Link Distance (ft)	206	206	247
Upstream Blk Time (%)	7	0	
Queuing Penalty (veh)	10	0	
Storage Bay Dist (ft)			
Storage Blk Time (%)			
Queuing Penalty (veh)			

Intersection: 57: Park Ave

Movement	EB	WB	WB
Directions Served	T	T	R
Maximum Queue (ft)	269	5	5
Average Queue (ft)	227	0	0
95th Queue (ft)	304	5	5
Link Distance (ft)	221	210	210
Upstream Blk Time (%)	67		
Queuing Penalty (veh)	0		
Storage Bay Dist (ft)			
Storage Blk Time (%)			
Queuing Penalty (veh)			

Intersection: 80: Almaden Blvd

Movement	NB	NB
Directions Served	T	T
Maximum Queue (ft)	66	67
Average Queue (ft)	25	40
95th Queue (ft)	58	67
Link Distance (ft)	457	457
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 81: SR 87 NB On

Movement

Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 82: SR 87 SB On

Movement

Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 83: SR 87 On/SR 87 NB On

Movement

Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 84: SR 87 SB On

Movement	SB	SB
Directions Served	L	T
Maximum Queue (ft)	96	306
Average Queue (ft)	43	157
95th Queue (ft)	78	278
Link Distance (ft)		331
Upstream Blk Time (%)		0
Queuing Penalty (veh)		0
Storage Bay Dist (ft)	300	
Storage Blk Time (%)		0
Queuing Penalty (veh)		0

Intersection: 85: I-280 SB Ramps

Movement	EB
Directions Served	T
Maximum Queue (ft)	361
Average Queue (ft)	162
95th Queue (ft)	302
Link Distance (ft)	702
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 86: I-280 NB Ramps

Movement
Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 101: Terraine St & St James St

Movement	EB	EB	EB	WB	WB	NB	SB
Directions Served	L	T	TR	T	TR	R	R
Maximum Queue (ft)	50	43	65	369	361	52	250
Average Queue (ft)	9	3	5	350	322	17	231
95th Queue (ft)	31	30	39	366	391	43	243
Link Distance (ft)	124	124	124	334	334	397	216
Upstream Blk Time (%)		0	0	79	30		96
Queuing Penalty (veh)		0	1	0	0		0
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Intersection: 102: Julian St & Pleasant St

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	T	T	T	T	R	L	R
Maximum Queue (ft)	348	347	252	249	160	125	338
Average Queue (ft)	288	313	147	119	29	112	146
95th Queue (ft)	413	339	266	259	114	142	336
Link Distance (ft)	284	284	219	219			335
Upstream Blk Time (%)	21	40	13	9			4
Queuing Penalty (veh)	141	262	40	28			0
Storage Bay Dist (ft)					125	100	
Storage Blk Time (%)				12		37	0
Queuing Penalty (veh)				6		13	0

Intersection: 103: Autumn St & Julian St

Movement	EB	EB	EB	WB	WB	WB	NB	SB	SB
Directions Served	L	T	TR	L	T	TR	LTR	LT	R
Maximum Queue (ft)	149	332	330	149	317	285	552	479	190
Average Queue (ft)	17	285	284	61	203	54	278	263	36
95th Queue (ft)	80	359	351	142	377	231	652	537	159
Link Distance (ft)		284	284		277	277	766	528	
Upstream Blk Time (%)		38	38		9	2	4	13	
Queuing Penalty (veh)		143	143		36	9	0	0	
Storage Bay Dist (ft)	90			90					130
Storage Blk Time (%)	0	76		5	24			58	
Queuing Penalty (veh)	0	9		17	18			15	

Intersection: 104: Montgomery St & Julian St

Movement	EB	EB	EB	WB	WB	WB	NB	NB	SB	SB
Directions Served	L	T	R	L	T	R	L	TR	LT	R
Maximum Queue (ft)	124	882	108	149	310	93	102	164	393	160
Average Queue (ft)	33	701	15	42	189	13	27	53	160	30
95th Queue (ft)	103	1155	74	117	360	55	73	125	367	111
Link Distance (ft)		863			284	284		466	445	
Upstream Blk Time (%)		28			5				6	
Queuing Penalty (veh)		178			19				0	
Storage Bay Dist (ft)	65		50	90			110			100
Storage Blk Time (%)	2	67	0	1	20		0	4	40	0
Queuing Penalty (veh)	11	31	0	3	9		0	1	11	0

Intersection: 105: Montgomery St & Santa Clara St

Movement	EB	EB	WB	WB	WB	WB
Directions Served	T	TR	L	L	T	T
Maximum Queue (ft)	213	219	150	232	200	213
Average Queue (ft)	88	113	98	123	64	79
95th Queue (ft)	184	209	160	196	148	169
Link Distance (ft)	196	196		226	226	226
Upstream Blk Time (%)	0	1		1	0	1
Queuing Penalty (veh)	1	6		2	1	4
Storage Bay Dist (ft)			90			
Storage Blk Time (%)			12	20		
Queuing Penalty (veh)			15	26		

Intersection: 106: Autumn St & Santa Clara St

Movement	EB	EB	EB	WB	WB	NB	NB	NB	SB	SB
Directions Served	UL	T	T	T	TR	L	T	R	L	R
Maximum Queue (ft)	65	94	100	285	287	195	150	81	96	136
Average Queue (ft)	24	32	37	189	198	88	58	37	34	61
95th Queue (ft)	58	76	81	298	304	161	120	68	76	105
Link Distance (ft)		226	226	261	261	519	519		504	
Upstream Blk Time (%)				2	4					
Queuing Penalty (veh)				12	18					
Storage Bay Dist (ft)	50							200		100
Storage Blk Time (%)	12	11							0	2
Queuing Penalty (veh)	40	3							0	1

Intersection: 107: Almaden Blvd & Santa Clara St

Movement	EB	EB	EB	WB	WB	SB	SB
Directions Served	T	T	R	LT	T	LT	R
Maximum Queue (ft)	169	192	110	134	136	238	156
Average Queue (ft)	148	150	97	68	59	108	45
95th Queue (ft)	182	191	141	121	113	195	109
Link Distance (ft)	128	128		181	181	444	
Upstream Blk Time (%)	18	16	0	0	0		
Queuing Penalty (veh)	122	108	0	0	0		
Storage Bay Dist (ft)			50				75
Storage Blk Time (%)		28	7			25	0
Queuing Penalty (veh)		97	33			20	1

Intersection: 108: Almaden Blvd/Notre Dame Ave & Santa Clara St

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB
Directions Served	L	T	T	L	T	TR	L	T	TR
Maximum Queue (ft)	190	84	82	120	245	256	140	174	151
Average Queue (ft)	107	32	29	85	194	190	57	94	61
95th Queue (ft)	181	68	67	143	280	285	113	160	132
Link Distance (ft)	181	181	181		227	227		354	354
Upstream Blk Time (%)	4				10	9			
Queuing Penalty (veh)	14				0	0			
Storage Bay Dist (ft)				60			300		
Storage Blk Time (%)				17	39				
Queuing Penalty (veh)				49	43				

Intersection: 109: Montgomery St & Park Ave

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	L	T	TR	L	T	TR	L	T	T	L	T	T
Maximum Queue (ft)	69	164	257	160	421	210	227	79	100	285	470	488
Average Queue (ft)	21	85	106	134	182	60	120	34	47	66	305	330
95th Queue (ft)	54	145	211	185	365	194	204	70	91	183	496	552
Link Distance (ft)		1117	1117		503			558	558		470	470
Upstream Blk Time (%)					1						2	21
Queuing Penalty (veh)					0						0	0
Storage Bay Dist (ft)	290			100		150	215			300		
Storage Blk Time (%)				39	13	0	1				10	51
Queuing Penalty (veh)				72	41	0	1				6	41

Intersection: 109: Montgomery St & Park Ave

Movement	SB
Directions Served	R
Maximum Queue (ft)	145
Average Queue (ft)	62
95th Queue (ft)	179
Link Distance (ft)	
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	85
Storage Blk Time (%)	0
Queuing Penalty (veh)	0

Intersection: 110: Almaden Blvd & Park Ave

Movement	EB	EB	EB	EB	WB	WB	WB	WB	NB	NB	NB	NB
Directions Served	L	L	T	R	L	T	T	R	L	L	T	T
Maximum Queue (ft)	123	138	233	207	180	382	281	140	182	207	202	135
Average Queue (ft)	53	80	37	24	145	175	114	23	74	117	73	40
95th Queue (ft)	107	127	125	126	203	322	217	90	161	197	155	96
Link Distance (ft)		858	858			669	669				554	554
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	190			120	80			50	160	160		
Storage Blk Time (%)			0	2	50	26	35	0	0	5	0	9
Queuing Penalty (veh)			1	1	73	49	13	0	0	5	1	2

Intersection: 110: Almaden Blvd & Park Ave

Movement	SB	SB	SB	SB
Directions Served	L	T	T	R
Maximum Queue (ft)	196	553	536	150
Average Queue (ft)	42	322	292	102
95th Queue (ft)	144	486	486	216
Link Distance (ft)		559	559	
Upstream Blk Time (%)		1	1	
Queuing Penalty (veh)		0	0	
Storage Bay Dist (ft)	170			50
Storage Blk Time (%)	0	33	37	0
Queuing Penalty (veh)	0	8	160	0

Intersection: 111: Delmas Ave & San Carlos St

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	T	TR	L	T	T	LT	TR
Maximum Queue (ft)	336	296	169	220	227	387	406
Average Queue (ft)	179	135	61	60	71	188	221
95th Queue (ft)	293	249	134	159	172	362	385
Link Distance (ft)	506	506		387	387	467	467
Upstream Blk Time (%)							
Queuing Penalty (veh)							
Storage Bay Dist (ft)			150				
Storage Blk Time (%)			0	1			
Queuing Penalty (veh)			1	1			

Intersection: 112: Woz Way & San Carlos St

Movement	EB	EB	EB	WB	WB	WB	NB	NB	SB	SB	SE	NW
Directions Served	<	T	TR>	LT	T	>	<	T>	<	TR	<	>
Maximum Queue (ft)	240	398	391	378	409	210	135	325	177	205	44	48
Average Queue (ft)	126	242	225	211	204	147	78	218	50	160	7	9
95th Queue (ft)	262	398	373	321	369	234	162	355	135	234	28	33
Link Distance (ft)		387	387	714	714			247		189	88	80
Upstream Blk Time (%)		2	1					21	0	19		0
Queuing Penalty (veh)		9	4					58	0	51		0
Storage Bay Dist (ft)	150					150	75		150			
Storage Blk Time (%)	7	30			10	22	16	60	0	28		
Queuing Penalty (veh)	19	39			15	34	28	57	1	15		

Intersection: 112: Woz Way & San Carlos St

Movement	SW	SW
Directions Served	<	>
Maximum Queue (ft)	24	22
Average Queue (ft)	3	3
95th Queue (ft)	15	13
Link Distance (ft)	188	188
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 113: Bird Ave & Auzerais Ave

Movement	EB	EB	WB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LT	R	LT	R	L	T	T	TR	L	T	T	TR
Maximum Queue (ft)	425	160	653	75	138	188	162	158	164	381	458	536
Average Queue (ft)	163	70	421	31	91	114	85	97	45	199	229	330
95th Queue (ft)	322	199	760	89	152	189	166	163	126	326	439	554
Link Distance (ft)	712		632			139	139	139		506	506	506
Upstream Blk Time (%)	0		29		1	4	1	1		0	0	8
Queuing Penalty (veh)	0		0		0	10	3	4		0	0	45
Storage Bay Dist (ft)		100		50	100				200			
Storage Blk Time (%)	23	3	85	0	13	6				12		
Queuing Penalty (veh)	69	7	28	1	24	7				6		

Intersection: 114: Woz Way & Auzerais Ave

Movement	EB	EB	WB	NB	NB	NB	SB	NE	SW
Directions Served	<	R	LTR	L	T	T	TR>	T	T
Maximum Queue (ft)	89	373	46	193	155	146	218	31	34
Average Queue (ft)	25	195	8	111	62	29	104	4	4
95th Queue (ft)	73	365	33	185	132	108	206	20	20
Link Distance (ft)	429	429	310	197	197	197	206	205	88
Upstream Blk Time (%)		1		1	1	0	2		
Queuing Penalty (veh)		2		1	2	0	4		
Storage Bay Dist (ft)									
Storage Blk Time (%)									
Queuing Penalty (veh)									

Intersection: 115: Bird Ave & Virginia St

Movement	EB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LTR	LTR	L	T	T	TR	L	T	T	TR
Maximum Queue (ft)	84	207	78	157	293	363	249	312	228	195
Average Queue (ft)	33	84	11	71	88	186	181	67	61	74
95th Queue (ft)	72	161	46	139	211	317	255	217	154	155
Link Distance (ft)	303	623			457	457		502	502	502
Upstream Blk Time (%)						0				
Queuing Penalty (veh)						0				
Storage Bay Dist (ft)			100	100			190			
Storage Blk Time (%)				6	3		15	0		
Queuing Penalty (veh)				12	6		62	0		

Intersection: 123: VTA LRT & Park Ave

Movement	EB	EB	WB	WB	WB	NB	SB
Directions Served	T	T	T	T	T	T	T
Maximum Queue (ft)	38	37	35	37	38	47	40
Average Queue (ft)	10	8	10	4	7	8	8
95th Queue (ft)	32	28	32	20	27	33	29
Link Distance (ft)	10	10	16	16	16	308	489
Upstream Blk Time (%)	12	9	8	2	8		
Queuing Penalty (veh)	26	21	19	5	18		
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Intersection: 223: Park Ave & SR 87 SB Off

Movement	EB	EB	WB	WB	WB	SB	SB	SB
Directions Served	T	T	T	T	T	L	L	R
Maximum Queue (ft)	37	40	100	271	252	164	399	394
Average Queue (ft)	9	8	59	200	166	35	104	212
95th Queue (ft)	31	30	126	310	300	105	294	366
Link Distance (ft)	16	16		233	233		711	
Upstream Blk Time (%)	9	9		13	5		0	
Queuing Penalty (veh)	19	19		33	13		0	
Storage Bay Dist (ft)			75			400		350
Storage Blk Time (%)			11	38			1	2
Queuing Penalty (veh)			18	64			3	3

Intersection: 301: VTA LRT

Movement
Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 302:

Movement
Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 303:

Movement

Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 304:

Movement

Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Network Summary

Network wide Queuing Penalty: 8090