

APPENDIX H

GENERAL PLAN BUILDOUT TRAFFIC COUNT DATA

**List of Intersections and Roadway Segments
River Street Development, San Juan Capistrano**

LSA 2040 Model Number	Report Number	Key Study Intersections
1	1	I-5 NB Ramps at Ortega Highway
2	2	I-5 SB Ramps at Ortega Highway
3	3	Del Obispo Street at Ortega Highway
5	4	Camino Capistrano at Ortega Highway
8	5	Camino Capistrano at Del Obispo Street
25	6	Los Rios Street at Del Obispo Street
9	7	Paseo Adelanto at Del Obispo Street
10	8	Alipaz Street at Del Obispo Street
16	9	Del Obispo Street at Camino Del Avion

LSA 2040 Model Number	Report Number	Key Roadway Segments
1	1	Ortega Highway, between I-5 NB Ramps and I-5 SB Ramps
2	2	Ortega Highway, between I-5 SB Ramps and Del Obispo Street
3	3	Ortega Highway, between Camino Capistrano and Del Obispo Street
5	4	Del Obispo Street, between Ortega Highway and Camino Capistrano
16	5	Camino Capistrano, between Ortega Highway and Del Obispo Street
17	6	Camino Capistrano, between Del Obispo Street and San Juan Creek Road
6	7	Del Obispo Street, between Camino Capistrano and Alipaz Street
11	8	Del Obispo Street, between Alipaz Street and Camino Del Avion

APPENDIX H-1

INTERSECTION COUNTS

Year 2040 Peak Hour Volume Summary

	AM Peak Hour				PM Peak Hour			
	Year 2040 No Project	The Farm Project Trips	River St Project Trips	Year 2040 With Project	Year 2040 No Project	The Farm Project Trips	River St Project Trips	Year 2040 With Project
1 I-5 Northbound Ramps/SR-74 (Ortega Highway)								
NBL	220	0	0	220	211	0	0	211
NBT	29	0	0	29	25	0	0	25
NBR	641	0	0	641	437	0	0	437
SBL	35	0	0	35	59	0	0	59
SBT	0	0	0	0	0	0	0	0
SBR	103	0	0	103	111	0	0	111
EBL	39	0	0	39	62	0	0	62
EBT	1,755	7	8	1,770	1,751	5	9	1,765
EBR	739	26	10	775	576	17	11	604
WBL	0	0	0	0	0	0	0	0
WBT	2,173	2	12	2,187	1,894	8	14	1,916
WBR	107	0	0	107	108	0	0	108
North Leg								
Approach	138	0	0	138	170	0	0	170
Departure	175	0	0	175	195	0	0	195
Total	313	0	0	313	365	0	0	365
South Leg								
Approach	890	0	0	890	673	0	0	673
Departure	739	26	10	775	576	17	11	604
Total	1,629	26	10	1,665	1,249	17	11	1,277
East Leg								
Approach	2,280	2	12	2,294	2,002	8	14	2,024
Departure	2,431	7	8	2,446	2,247	5	9	2,261
Total	4,711	9	20	4,740	4,249	13	23	4,285
West Leg								
Approach	2,533	33	18	2,584	2,389	22	20	2,431
Departure	2,496	2	12	2,510	2,216	8	14	2,238
Total	5,029	35	30	5,094	4,605	30	34	4,669
Total Approaches								
Approach	5,841	35	30	5,906	5,234	30	34	5,298
Departure	5,841	35	30	5,906	5,234	30	34	5,298
Total	11,682	70	60	11,812	10,468	60	68	10,596

Year 2040 Peak Hour Volume Summary

	AM Peak Hour				PM Peak Hour			
	Year 2040 No Project	The Farm Project Trips	River St Project Trips	Year 2040 With Project	Year 2040 No Project	The Farm Project Trips	River St Project Trips	Year 2040 With Project
2 I-5 Southbound Ramps/Ortega Highway								
NBL	0	0	0	0	0	0	0	0
NBT	0	0	0	0	0	0	0	0
NBR	0	0	0	0	0	0	0	0
SBL	1,119	0	0	1,119	1,120	0	0	1,120
SBT	0	0	0	0	0	0	0	0
SBR	1,101	9	15	1,125	861	29	17	907
EBL	0	0	0	0	0	0	0	0
EBT	1,232	33	17	1,282	1,255	22	20	1,297
EBR	185	0	0	185	194	0	0	194
WBL	376	0	0	376	463	0	0	463
WBT	908	2	12	922	880	8	14	902
WBR	0	0	0	0	0	0	0	0
North Leg								
Approach	2,220	9	15	2,244	1,981	29	17	2,027
Departure	0	0	0	0	0	0	0	0
Total	2,220	9	15	2,244	1,981	29	17	2,027
South Leg								
Approach	0	0	0	0	0	0	0	0
Departure	561	0	0	561	657	0	0	657
Total	561	0	0	561	657	0	0	657
East Leg								
Approach	1,284	2	12	1,298	1,343	8	14	1,365
Departure	2,351	33	17	2,401	2,375	22	20	2,417
Total	3,635	35	29	3,699	3,718	30	34	3,782
West Leg								
Approach	1,417	33	17	1,467	1,449	22	20	1,491
Departure	2,009	11	27	2,047	1,741	37	31	1,809
Total	3,426	44	44	3,514	3,190	59	51	3,300
Total Approaches								
Approach	4,921	44	44	5,009	4,773	59	51	4,883
Departure	4,921	44	44	5,009	4,773	59	51	4,883
Total	9,842	88	88	10,018	9,546	118	102	9,766

Year 2040 Peak Hour Volume Summary

	AM Peak Hour				PM Peak Hour			
	Year 2040 No Project	The Farm Project Trips	River St Project Trips	Year 2040 With Project	Year 2040 No Project	The Farm Project Trips	River St Project Trips	Year 2040 With Project
3 Del Obispo Street/Ortega Highway								
NBL	43	0	0	43	93	0	0	93
NBT	1,009	33	17	1,059	1,025	22	20	1,067
NBR	27	0	0	27	27	0	0	27
SBL	0	0	0	0	0	0	0	0
SBT	1,113	11	27	1,151	1,123	37	31	1,191
SBR	745	0	0	745	632	0	0	632
EBL	570	0	0	570	407	0	0	407
EBT	4	0	0	4	6	0	0	6
EBR	76	0	0	76	90	0	0	90
WBL	4	0	0	4	10	0	0	10
WBT	2	0	0	2	4	0	0	4
WBR	18	0	0	18	17	0	0	17
North Leg								
Approach	1,858	11	27	1,896	1,755	37	31	1,823
Departure	1,597	33	17	1,647	1,449	22	20	1,491
Total	3,455	44	44	3,543	3,204	59	51	3,314
South Leg								
Approach	1,079	33	17	1,129	1,145	22	20	1,187
Departure	1,193	11	27	1,231	1,223	37	31	1,291
Total	2,272	44	44	2,360	2,368	59	51	2,478
East Leg								
Approach	24	0	0	24	31	0	0	31
Departure	31	0	0	31	33	0	0	33
Total	55	0	0	55	64	0	0	64
West Leg								
Approach	650	0	0	650	503	0	0	503
Departure	790	0	0	790	729	0	0	729
Total	1,440	0	0	1,440	1,232	0	0	1,232
Total Approaches								
Approach	3,611	44	44	3,699	3,434	59	51	3,544
Departure	3,611	44	44	3,699	3,434	59	51	3,544
Total	7,222	88	88	7,398	6,868	118	102	7,088

Year 2040 Peak Hour Volume Summary

	AM Peak Hour				PM Peak Hour			
	Year 2040 No Project	The Farm Project Trips	River St Project Trips	Year 2040 With Project	Year 2040 No Project	The Farm Project Trips	River St Project Trips	Year 2040 With Project
5 Camino Capistrano/Ortega Highway								
NBL	0	0	0	0	0	0	0	0
NBT	576	1	7	584	477	1	8	486
NBR	43	0	0	43	136	0	0	136
SBL	251	0	0	251	144	0	0	144
SBT	626	0	10	636	488	1	12	501
SBR	0	0	0	0	0	0	0	0
EBL	0	0	0	0	0	0	0	0
EBT	0	0	0	0	0	0	0	0
EBR	0	0	0	0	0	0	0	0
WBL	143	0	0	143	238	0	0	238
WBT	0	0	0	0	0	0	0	0
WBR	359	0	0	359	213	0	0	213
North Leg								
Approach	877	0	10	887	632	1	12	645
Departure	935	1	7	943	690	1	8	699
Total	1,812	1	17	1,830	1,322	2	20	1,344
South Leg								
Approach	619	1	7	627	613	1	8	622
Departure	769	0	10	779	726	1	12	739
Total	1,388	1	17	1,406	1,339	2	20	1,361
East Leg								
Approach	502	0	0	502	451	0	0	451
Departure	294	0	0	294	280	0	0	280
Total	796	0	0	796	731	0	0	731
West Leg								
Approach	0	0	0	0	0	0	0	0
Departure	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0
Total Approaches								
Approach	1,998	1	17	2,016	1,696	2	20	1,718
Departure	1,998	1	17	2,016	1,696	2	20	1,718
Total	3,996	2	34	4,032	3,392	4	40	3,436

Year 2040 Peak Hour Volume Summary

	AM Peak Hour				PM Peak Hour			
	Year 2040 No Project	The Farm Project Trips	River St Project Trips	Year 2040 With Project	Year 2040 No Project	The Farm Project Trips	River St Project Trips	Year 2040 With Project
8 Camino Capistrano/Del Obispo Street								
NBL	435	2	13	450	480	6	15	501
NBT	315	0	0	315	309	0	0	309
NBR	128	0	0	128	215	0	0	215
SBL	51	0	0	51	70	0	0	70
SBT	293	0	0	293	293	0	0	293
SBR	442	0	10	452	432	1	12	445
EBL	518	1	7	526	364	1	8	373
EBT	853	33	17	903	700	22	20	742
EBR	309	5	8	322	333	3	10	346
WBL	138	0	0	138	137	0	0	137
WBT	797	11	27	835	717	37	31	785
WBR	22	0	0	22	31	0	0	31
North Leg								
Approach	786	0	10	796	795	1	12	808
Departure	855	1	7	863	704	1	8	713
Total	1,641	1	17	1,659	1,499	2	20	1,521
South Leg								
Approach	878	2	13	893	1,004	6	15	1,025
Departure	740	5	8	753	763	3	10	776
Total	1,618	7	21	1,646	1,767	9	25	1,801
East Leg								
Approach	957	11	27	995	885	37	31	953
Departure	1,032	33	17	1,082	985	22	20	1,027
Total	1,989	44	44	2,077	1,870	59	51	1,980
West Leg								
Approach	1,680	39	32	1,751	1,397	26	38	1,461
Departure	1,674	13	50	1,737	1,629	44	58	1,731
Total	3,354	52	82	3,488	3,026	70	96	3,192
Total Approaches								
Approach	4,301	52	82	4,435	4,081	70	96	4,247
Departure	4,301	52	82	4,435	4,081	70	96	4,247
Total	8,602	104	164	8,870	8,162	140	192	8,494

Year 2040 Peak Hour Volume Summary

	AM Peak Hour				PM Peak Hour			
	Year 2040 No Project	The Farm Project Trips	River St Project Trips	Year 2040 With Project	Year 2040 No Project	The Farm Project Trips	River St Project Trips	Year 2040 With Project
9 Paseo Adelanto/Del Obispo Street								
NBL	14	1	0	15	70	3	0	73
NBT	0	0	0	0	4	0	0	4
NBR	53	0	0	53	172	0	0	172
SBL	38	0	34	72	32	0	54	86
SBT	0	0	0	0	4	0	0	4
SBR	14	1	18	33	16	4	25	45
EBL	18	4	44	66	16	3	76	95
EBT	1,638	39	-4	1,673	1,204	26	-29	1,201
EBR	43	3	0	46	27	2	0	29
WBL	170	0	0	170	122	0	0	122
WBT	1,428	13	8	1,449	1,485	44	1	1,530
WBR	31	0	14	45	41	0	25	66
North Leg								
Approach	52	1	52	105	52	4	79	135
Departure	49	4	58	111	61	3	101	165
Total	101	5	110	216	113	7	180	300
South Leg								
Approach	67	1	0	68	246	3	0	249
Departure	213	3	0	216	153	2	0	155
Total	280	4	0	284	399	5	0	404
East Leg								
Approach	1,629	13	22	1,664	1,648	44	26	1,718
Departure	1,729	39	30	1,798	1,408	26	25	1,459
Total	3,358	52	52	3,462	3,056	70	51	3,177
West Leg								
Approach	1,699	46	40	1,785	1,247	31	47	1,325
Departure	1,456	15	26	1,497	1,571	51	26	1,648
Total	3,155	61	66	3,282	2,818	82	73	2,973
Total Approaches								
Approach	3,447	61	114	3,622	3,193	82	152	3,427
Departure	3,447	61	114	3,622	3,193	82	152	3,427
Total	6,894	122	228	7,244	6,386	164	304	6,854

Year 2040 Peak Hour Volume Summary

	AM Peak Hour				PM Peak Hour			
	Year 2040 No Project	The Farm Project Trips	River St Project Trips	Year 2040 With Project	Year 2040 No Project	The Farm Project Trips	River St Project Trips	Year 2040 With Project
10 Alipaz Street/Del Obispo Street								
NBL	56	0	0	56	28	0	0	28
NBT	96	2	0	98	14	1	0	15
NBR	646	22	16	684	503	15	18	536
SBL	86	0	0	86	106	0	0	106
SBT	26	1	0	27	49	2	0	51
SBR	6	0	0	6	52	1	0	53
EBL	18	1	0	19	16	1	0	17
EBT	922	24	25	971	705	16	29	750
EBR	28	0	0	28	51	0	0	51
WBL	492	7	10	509	617	25	12	654
WBT	1,009	8	16	1,033	912	27	19	958
WBR	78	0	0	78	47	0	0	47
North Leg								
Approach	118	1	0	119	207	3	0	210
Departure	192	3	0	195	77	2	0	79
Total	310	4	0	314	284	5	0	289
South Leg								
Approach	798	24	16	838	545	16	18	579
Departure	546	8	10	564	717	27	12	756
Total	1,344	32	26	1,402	1,262	43	30	1,335
East Leg								
Approach	1,579	15	26	1,620	1,576	52	31	1,659
Departure	1,654	46	41	1,741	1,314	31	47	1,392
Total	3,233	61	67	3,361	2,890	83	78	3,051
West Leg								
Approach	968	25	25	1,018	772	17	29	818
Departure	1,071	8	16	1,095	992	28	19	1,039
Total	2,039	33	41	2,113	1,764	45	48	1,857
Total Approaches								
Approach	3,463	65	67	3,595	3,100	88	78	3,266
Departure	3,463	65	67	3,595	3,100	88	78	3,266
Total	6,926	130	134	7,190	6,200	176	156	6,532

Year 2040 Peak Hour Volume Summary

	AM Peak Hour				PM Peak Hour			
	Year 2040 No Project	The Farm Project Trips	River St Project Trips	Year 2040 With Project	Year 2040 No Project	The Farm Project Trips	River St Project Trips	Year 2040 With Project
16 Del Obispo Street/Camino Del Avion								
NBL	251	0	0	251	224	0	0	224
NBT	300	5	5	310	313	18	5	336
NBR	194	2	0	196	195	8	0	203
SBL	33	0	0	33	35	0	0	35
SBT	363	16	3	382	282	11	4	297
SBR	488	14	5	507	445	9	6	460
EBL	359	5	7	371	320	16	8	344
EBT	231	2	0	233	221	6	0	227
EBR	227	0	0	227	204	0	0	204
WBL	264	7	0	271	147	5	0	152
WBT	233	5	0	238	128	3	0	131
WBR	73	0	0	73	40	0	0	40
North Leg								
Approach	884	30	8	922	762	20	10	792
Departure	732	10	12	754	673	34	13	720
Total	1,616	40	20	1,676	1,435	54	23	1,512
South Leg								
Approach	745	7	5	757	732	26	5	763
Departure	854	23	3	880	633	16	4	653
Total	1,599	30	8	1,637	1,365	42	9	1,416
East Leg								
Approach	570	12	0	582	315	8	0	323
Departure	458	4	0	462	451	14	0	465
Total	1,028	16	0	1,044	766	22	0	788
West Leg								
Approach	817	7	7	831	745	22	8	775
Departure	972	19	5	996	797	12	6	815
Total	1,789	26	12	1,827	1,542	34	14	1,590
Total Approaches								
Approach	3,016	56	20	3,092	2,554	76	23	2,653
Departure	3,016	56	20	3,092	2,554	76	23	2,653
Total	6,032	112	40	6,184	5,108	152	46	5,306

Year 2040 Peak Hour Volume Summary

	AM Peak Hour				PM Peak Hour			
	Year 2040 No Project	The Farm Project Trips	River St Project Trips	Year 2040 With Project	Year 2040 No Project	The Farm Project Trips	River St Project Trips	Year 2040 With Project
25 Los Rios Street/Del Obispo Street								
NBL	0	0	0	0	0	0	0	0
NBT	0	0	0	0	0	0	0	0
NBR	14	0	0	14	68	0	0	68
SBL	0	0	0	0	0	0	0	0
SBT	0	0	0	0	0	0	0	0
SBR	10	0	11	21	9	0	25	34
EBL	0	0	0	0	0	0	0	0
EBT	1,610	39	32	1,681	1,392	26	38	1,456
EBR	7	0	0	7	10	0	0	10
WBL	0	0	0	0	0	0	0	0
WBT	1,517	13	9	1,539	1,550	44	-11	1,583
WBR	12	0	41	53	13	0	68	81
North Leg								
Approach	10	0	11	21	9	0	25	34
Departure	12	0	41	53	13	0	68	81
Total	22	0	52	74	22	0	93	115
South Leg								
Approach	14	0	0	14	68	0	0	68
Departure	7	0	0	7	10	0	0	10
Total	21	0	0	21	78	0	0	78
East Leg								
Approach	1,529	13	50	1,592	1,563	44	57	1,664
Departure	1,624	39	32	1,695	1,460	26	38	1,524
Total	3,153	52	82	3,287	3,023	70	95	3,188
West Leg								
Approach	1,617	39	32	1,688	1,402	26	38	1,466
Departure	1,527	13	20	1,560	1,559	44	14	1,617
Total	3,144	52	52	3,248	2,961	70	52	3,083
Total Approaches								
Approach	3,170	52	93	3,315	3,042	70	120	3,232
Departure	3,170	52	93	3,315	3,042	70	120	3,232
Total	6,340	104	186	6,630	6,084	140	240	6,464

APPENDIX H-II

ROADWAY SEGMENT COUNTS

Year 2040 Daily Traffic Volumes

Roadway	#	Segment	Year 2040 Without Project	The Farm Project Trips	River Street Project Trips	Year 2040 With Project
Ortega Highway	1	between I-5 Northbound Ramps and I-5 Southbound Ramps	48,131	340	569	49,040
	2	between I-5 Southbound Ramps and Del Obispo Street	42,262	561	786	43,609
	3	between Del Obispo Street and El Camino Real	15,196	0	0	15,196
Del Obispo Street	5	between Ortega Highway and Camino Capistrano	30,187	561	786	31,534
	6	between Camino Capistrano and Paseo Adelanto	36,516	714	1,464	38,694
	11	between Via Vermuelen and Camino Del Avion	18,173	510	407	19,089
Camino Capistrano	16	between Ortega Highway and Del Obispo Street	16,445	68	298	16,811
	17	between Del Obispo Street and San Juan Creek Road	20,262	85	380	20,727