

APPENDIX S

GENERAL PLAN BUILDOUT MODELING WORKSHEETS – SCHOOL PEAK HOUR

1. Camino Capistrano at Ortega Highway

SCHOOL PEAK HOUR

FUTURE DIRECTIONAL TURN VOLUMES FROM FUTURE DIRECTIONAL LINK VOLUMES

NCHRP 255, PAGE 105 Written by: FHWA (C. Fleet)

*** INPUT DATA *** Modified by: COMSIS Corp. (M. Roskin) 4/9/86

Modified by: FHWA 12/21/87

APPROACH	TURN MOVEMENT	BY COUNT	APPROACH	FY TOTAL
-----	-----	----	-----	----
NORTH	LEFT	0	NORTHBOUND	
BOUND	THRU	417	IN ...	542
	RIGHT	108	OUT ...	658
SOUTH	LEFT	121	SOUTHBOUND	
BOUND	THRU	461	IN ...	673
	RIGHT	0	OUT ...	668
EAST	LEFT	0	EASTBOUND	
BOUND	THRU	0	IN ...	0
	RIGHT	0	OUT ...	0
WEST	LEFT	167	WESTBOUND	
BOUND	THRU	0	IN ...	406
	RIGHT	214	OUT ...	302

FUTURE DIRECTIONAL TURN VOLUMES FROM FUTURE DIRECTIONAL LINK VOLUMES

NCHRP 255, PAGE 105 Written by: FHWA (C. Fleet)

*** RESULTS *** Modified by: COMSIS Corp. (M. Roskin) 2/13/86

APPROACH	TURN MOVEMENT	BY COUNT	FY FORECAST
-----	-----	----	-----
NORTH	LEFT	0	0
BOUND	THRU	417	524
	RIGHT	108	124
SOUTH	LEFT	121	213
BOUND	THRU	461	598
	RIGHT	0	0
EAST	LEFT	0	0
BOUND	THRU	0	0
	RIGHT	0	0
WEST	LEFT	167	170
BOUND	THRU	0	0
	RIGHT	214	282

2. El Camino Real at Ortega Highway

SCHOOL PEAK HOUR

FUTURE DIRECTIONAL TURN VOLUMES FROM FUTURE DIRECTIONAL LINK VOLUMES

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APPROACH	TURN MOVEMENT	BY COUNT	APPROACH	FY TOTAL
-----	-----	----	-----	-----
NORTH	LEFT	16	NORTHBOUND	
BOUND	THRU	110	IN ...	255
	RIGHT	129	OUT ...	120
SOUTH	LEFT	229	SOUTHBOUND	
BOUND	THRU	36	IN ...	330
	RIGHT	65	OUT ...	321
EAST	LEFT	9	EASTBOUND	
BOUND	THRU	195	IN ...	286
	RIGHT	11	OUT ...	398
WEST	LEFT	73	WESTBOUND	
BOUND	THRU	296	IN ...	590
	RIGHT	202	OUT ...	642

FUTURE DIRECTIONAL TURN VOLUMES FROM FUTURE DIRECTIONAL LINK VOLUMES

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APPROACH	TURN MOVEMENT	BY COUNT	FY FORECAST
-----	-----	----	-----
NORTH	LEFT	16	24
BOUND	THRU	110	111
	RIGHT	129	191
SOUTH	LEFT	229	238
BOUND	THRU	36	36
	RIGHT	65	65
EAST	LEFT	9	11
BOUND	THRU	195	281
	RIGHT	11	19
WEST	LEFT	73	136
BOUND	THRU	296	358
	RIGHT	202	206

3. Del Obispo Street at Ortega Highway

SCHOOL PEAK HOUR

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APPROACH	TURN MOVEMENT	BY COUNT	APPROACH	FY TOTAL
-----	-----	----	-----	----
NORTH	LEFT	85	NORTHBOUND	
BOUND	THRU	1094	IN ...	1,308
	RIGHT	31	OUT ...	982
SOUTH	LEFT	16	SOUTHBOUND	
BOUND	THRU	1116	IN ...	1,434
	RIGHT	511	OUT ...	1,701
EAST	LEFT	404	EASTBOUND	
BOUND	THRU	4	IN ...	562
	RIGHT	83	OUT ...	623
WEST	LEFT	13	WESTBOUND	
BOUND	THRU	4	IN ...	48
	RIGHT	31	OUT ...	51

FUTURE DIRECTIONAL TURN VOLUMES FROM FUTURE DIRECTIONAL LINK VOLUMES

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APPROACH	TURN MOVEMENT	BY COUNT	FY FORECAST
-----	-----	----	-----
NORTH	LEFT	85	95
BOUND	THRU	1,094	1,188
	RIGHT	31	32
SOUTH	LEFT	16	16
BOUND	THRU	1,116	1,221
	RIGHT	511	638
EAST	LEFT	404	552
BOUND	THRU	4	4
	RIGHT	83	83
WEST	LEFT	13	13
BOUND	THRU	4	4
	RIGHT	31	33

4. I-5 SB Ramps at Ortega Highway

SCHOOL PEAK HOUR

FUTURE DIRECTIONAL TURN VOLUMES FROM FUTURE DIRECTIONAL LINK VOLUMES

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APPROACH	TURN MOVEMENT	BY COUNT	APPROACH	FY TOTAL
-----	-----	----	-----	----
NORTH	LEFT	0	NORTHBOUND	
BOUND	THRU	0	IN ...	0
	RIGHT	0	OUT ...	556
SOUTH	LEFT	989	SOUTHBOUND	
BOUND	THRU	0	IN ...	1,802
	RIGHT	777	OUT ...	0
EAST	LEFT	0	EASTBOUND	
BOUND	THRU	1321	IN ...	1,693
	RIGHT	201	OUT ...	1,418
WEST	LEFT	424	WESTBOUND	
BOUND	THRU	850	IN ...	1,293
	RIGHT	0	OUT ...	2,796

FUTURE DIRECTIONAL TURN VOLUMES FROM FUTURE DIRECTIONAL LINK VOLUMES

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APPROACH	TURN MOVEMENT	BY COUNT	FY FORECAST
-----	-----	----	-----
NORTH	LEFT	0	0
BOUND	THRU	0	0
	RIGHT	0	0
SOUTH	LEFT	989	1,239
BOUND	THRU	0	0
	RIGHT	777	879
EAST	LEFT	0	0
BOUND	THRU	1,321	1,557
	RIGHT	201	222
WEST	LEFT	424	434
BOUND	THRU	850	980
	RIGHT	0	0

5. I-5 NB Ramps at Ortega Highway

SCHOOL PEAK HOUR

FUTURE DIRECTIONAL TURN VOLUMES FROM FUTURE DIRECTIONAL LINK VOLUMES

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APPROACH	TURN MOVEMENT	BY COUNT	APPROACH	FY TOTAL
-----	-----	----	-----	----
NORTH	LEFT	205	NORTHBOUND	
BOUND	THRU	0	IN ...	533
	RIGHT	424	OUT ...	0
SOUTH	LEFT	0	SOUTHBOUND	
BOUND	THRU	0	IN ...	0
	RIGHT	0	OUT ...	1,818
EAST	LEFT	500	EASTBOUND	
BOUND	THRU	1592	IN ...	2,543
	RIGHT	0	OUT ...	1,497
WEST	LEFT	0	WESTBOUND	
BOUND	THRU	1274	IN ...	2,504
	RIGHT	722	OUT ...	2,330

FUTURE DIRECTIONAL TURN VOLUMES FROM FUTURE DIRECTIONAL LINK VOLUMES

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APPROACH	TURN MOVEMENT	BY COUNT	FY FORECAST
-----	-----	----	-----
NORTH	LEFT	205	227
BOUND	THRU	0	0
	RIGHT	424	435
SOUTH	LEFT	0	0
BOUND	THRU	0	0
	RIGHT	0	0
EAST	LEFT	500	649
BOUND	THRU	1,592	1,928
	RIGHT	0	0
WEST	LEFT	0	0
BOUND	THRU	1,274	1,414
	RIGHT	722	1,169

6. Camino Capistrano at Del Obispo Street

SCHOOL PEAK HOUR

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APPROACH	TURN MOVEMENT	BY COUNT	APPROACH	FY TOTAL
-----	-----	----	-----	-----
NORTH	LEFT	449	NORTHBOUND	
BOUND	THRU	239	IN ...	821
	RIGHT	199	OUT ...	985
SOUTH	LEFT	87	SOUTHBOUND	
BOUND	THRU	279	IN ...	757
	RIGHT	355	OUT ...	617
EAST	LEFT	319	EASTBOUND	
BOUND	THRU	766	IN ...	1,641
	RIGHT	413	OUT ...	1,269
WEST	LEFT	210	WESTBOUND	
BOUND	THRU	797	IN ...	788
	RIGHT	40	OUT ...	1,164

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APPROACH	TURN MOVEMENT	BY COUNT	FY FORECAST
-----	-----	----	-----
NORTH	LEFT	449	506
BOUND	THRU	239	290
	RIGHT	199	219
SOUTH	LEFT	87	102
BOUND	THRU	279	339
	RIGHT	355	448
EAST	LEFT	319	391
BOUND	THRU	766	851
	RIGHT	413	467
WEST	LEFT	210	229
BOUND	THRU	797	887
	RIGHT	40	40

7. Plaza Drive at Del Obispo Street

SCHOOL PEAK HOUR

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-----	-----	----	-----	----
NORTH	LEFT	94	NORTHBOUND	
BOUND	THRU	9	IN ...	210
	RIGHT	107	OUT ...	212
SOUTH	LEFT	16	SOUTHBOUND	
BOUND	THRU	9	IN ...	38
	RIGHT	13	OUT ...	25
EAST	LEFT	0	EASTBOUND	
BOUND	THRU	984	IN ...	1,180
	RIGHT	98	OUT ...	821
WEST	LEFT	105	WESTBOUND	
BOUND	THRU	917	IN ...	839
	RIGHT	16	OUT ...	1,203

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APPROACH	TURN MOVEMENT	BY COUNT	FY FORECAST
-----	-----	----	-----
NORTH	LEFT	94	98
BOUND	THRU	9	10
	RIGHT	107	113
SOUTH	LEFT	16	17
BOUND	THRU	9	9
	RIGHT	13	13
EAST	LEFT	0	0
BOUND	THRU	984	1,073
	RIGHT	98	107
WEST	LEFT	105	106
BOUND	THRU	917	1,021
	RIGHT	16	16

8. Del Obispo Street at Project Driveway

SCHOOL PEAK HOUR

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-----	-----	----	-----	----
NORTH	LEFT	4	NORTHBOUND	
BOUND	THRU	1127	IN ...	1,220
	RIGHT	0	OUT ...	995
SOUTH	LEFT	0	SOUTHBOUND	
BOUND	THRU	1183	IN ...	994
	RIGHT	16	OUT ...	1,221
EAST	LEFT	4	EASTBOUND	
BOUND	THRU	0	IN ...	20
	RIGHT	16	OUT ...	20
WEST	LEFT	0	WESTBOUND	
BOUND	THRU	0	IN ...	0
	RIGHT	0	OUT ...	0

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-----	-----	----	-----
NORTH	LEFT	4	5
BOUND	THRU	1,127	1,217
	RIGHT	0	0
SOUTH	LEFT	0	0
BOUND	THRU	1,183	1,288
	RIGHT	16	16
EAST	LEFT	4	4
BOUND	THRU	0	0
	RIGHT	16	16
WEST	LEFT	0	0
BOUND	THRU	0	0
	RIGHT	0	0