

Attachment 7 - Speed and Volume Summary

**Meyer Lane (190th to Ralston)
Speed and Volume Summary**

DATE	NORTHBOUND VOLUME (VEH/DAY)	SOUTHBOUND VOLUME	TOTAL DAILY VOLUME	NORTHBOUND 85TH % SPEED (MPH)	SOUTHBOUND 85TH % SPEED	TOTAL 85TH % SPEED
Thursday, 22 February 2024	2,251	1,767	4,018	30	29	30
Friday, 23 February	2,066	1,886	3,952	30	29	30
Saturday, 24 February	1,528	1,410	2,938	31	30	30
Sunday, 25 February	1,249	1,145	2,394	30	29	30
Monday, 26 February	1,792	1,616	3,408	30	30	30
Tuesday, 27 February	1,962	1,747	3,709	31	30	30
Wednesday, 28 February	1,975	1,736	3,711	32	30	31
7-DAY AVERAGE			3,447			
AVERAGE 85TH % SPEED				31	30	30
SPEED CUSHION POLICY THRESHOLD						32

[a] Speeds were recorded along Meyer Lane half-way between 190th Street and the drainage dip located at 709/740 Meyer, which acts as a speed control device. This location provides the highest potential to speed because:

- Distance from dip to 190th is longer than dip to Ripley.
- Speeds on Meyer north of the dip are affected by slower drivers turning onto or off of Ralston Lane.
- While southbound Meyer north of the dip is downhill, northbound Meyer is uphill, which would affect speeds.

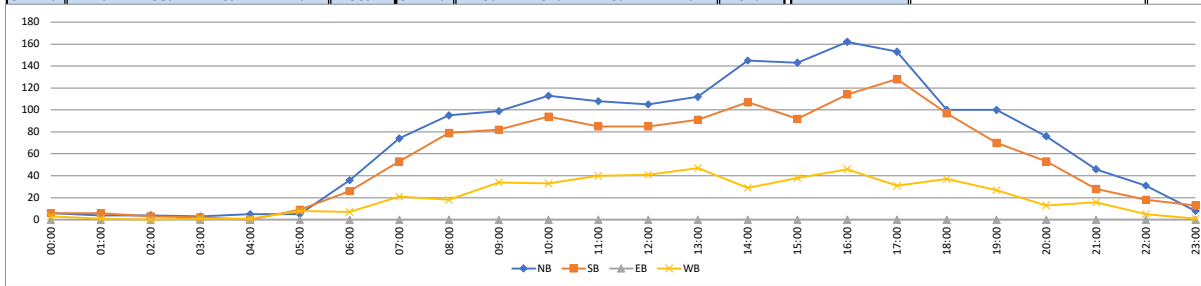
VOLUME

Meyer Ln and Ralston Ln

Day: Wednesday
Date: 19-06-24

City: Redondo Beach
Project #: CA24_020216_001

DAILY TOTALS											DAILY TOTALS								
						NB	SB	EB	WB	Total									
						1,733	1,341	0	498	3,572									
15-Minutes Interval												Hourly Intervals					% Ralston		
TIME	NB	SB	EB	WB	TOTAL	TIME	NB	SB	EB	WB	TOTAL	TIME	NB	SB	EB	WB		TOTAL	
00:00	1	3		1	5	12:00	22	13		7	42	00:00	01:00	6	6		3	15	25%
00:15	2	0		0	2	12:15	31	24		8	63	01:00	02:00	4	6		1	11	10%
00:30	2	3		0	5	12:30	21	24		12	57	02:00	03:00	4	3		0	7	0%
00:45	1	0		2	3	12:45	31	24		14	69	03:00	04:00	3	2		1	6	20%
01:00	1	0		0	1	13:00	28	18		12	58	04:00	05:00	5	0		1	6	20%
01:15	1	2		1	4	13:15	30	30		19	79	05:00	06:00	5	9		8	22	57%
01:30	1	4		0	5	13:30	36	27		8	71	06:00	07:00	36	26		7	69	11%
01:45	1	0		0	1	13:45	18	16		8	42	07:00	08:00	74	53		21	148	17%
02:00	1	1		0	2	14:00	37	25		6	68	08:00	09:00	95	79		18	192	10%
02:15	2	1		0	3	14:15	31	22		4	57	09:00	10:00	99	82		34	215	19%
02:30	0	1		0	1	14:30	39	31		9	79	10:00	11:00	113	94		33	240	16%
02:45	1	0		0	1	14:45	38	29		10	77	11:00	12:00	108	85		40	233	21%
03:00	0	0		0	0	15:00	32	16		6	54	12:00	13:00	105	85		41	231	22%
03:15	1	0		1	2	15:15	45	25		12	82	13:00	14:00	112	91		47	250	23%
03:30	0	1		0	1	15:30	39	22		9	70	14:00	15:00	145	107		29	281	12%
03:45	2	1		0	3	15:45	27	29		11	67	15:00	16:00	143	92		38	273	16%
04:00	0	0		0	0	16:00	35	32		11	78	16:00	17:00	162	114		46	322	17%
04:15	0	0		0	0	16:15	44	24		7	75	17:00	18:00	153	128		31	312	11%
04:30	3	0		0	3	16:30	45	22		16	83	18:00	19:00	100	97		37	234	19%
04:45	2	0		1	3	16:45	38	36		12	86	19:00	20:00	100	70		27	197	16%
05:00	0	0		0	0	17:00	40	26		11	77	20:00	21:00	76	53		13	142	10%
05:15	1	1		2	4	17:15	45	34		4	83	21:00	22:00	46	28		16	90	22%
05:30	3	5		1	9	17:30	35	34		9	78	22:00	23:00	31	18		5	54	10%
05:45	1	3		5	9	17:45	33	34		7	74	23:00	00:00	8	13		1	22	5%
06:00	4	3		0	7	18:00	35	33		9	77	STATISTICS					17%		
06:15	11	7		2	20	18:15	27	24		9	60		NB	SB	EB	WB		TOTAL	
06:30	7	4		4	15	18:30	19	23		12	54	Peak Period	00:00 to 12:00						
06:45	14	12		1	27	18:45	19	17		7	43	Volume	552	445			1164		
07:00	11	12		3	26	19:00	27	20		8	55	Peak Hour	10:15 08:30			10:30	10:30		
07:15	14	12		5	31	19:15	30	25		6	61	Peak Volume	119	102		45	252		
07:30	17	14		6	37	19:30	24	14		9	47	Peak Hour Factor	0.930	0.879		0.804	0.926		
07:45	32	15		7	54	19:45	19	11		4	34	Peak Period	12:00 to 00:00						
08:00	16	15		3	34	20:00	26	21		3	50	Volume	1181	896		331	2408		
08:15	23	13		4	40	20:15	18	16		4	38	Peak Hour	16:30 17:15			12:30	16:30		
08:30	29	29		6	64	20:30	17	10		3	30	Peak Volume	168	135		57	329		
08:45	27	22		5	54	20:45	15	6		3	24	Peak Hour Factor	0.933	0.993		0.750	0.956		
09:00	22	29		9	60	21:00	11	9		7	27	Peak Period	07:00 to 09:00						
09:15	24	22		9	55	21:15	13	6		2	21	Volume	169	132		39	340		
09:30	29	11		7	47	21:30	9	9		4	22	Peak Hour	07:45 08:00			07:00	07:45		
09:45	24	20		9	53	21:45	13	4		3	20	Peak Volume	100	79		21	192		
10:00	23	23		9	55	22:00	5	9		2	16	Peak Hour Factor	0.781	0.681		0.750	0.750		
10:15	27	21		4	52	22:15	9	5		3	17	Peak Period	16:00 to 18:00						
10:30	31	26		8	65	22:30	8	1		0	9	Volume	315	242		77	634		
10:45	32	24		12	68	22:45	9	3		0	12	Peak Hour	16:30 16:45			16:00	16:30		
11:00	29	24		11	64	23:00	2	4		0	6	Peak Volume	168	130		46	329		
11:15	22	19		14	55	23:15	3	4		1	8	Peak Hour Factor	0.933	0.903		0.719	0.956		
11:30	34	24		6	64	23:30	1	1		0	2								
11:45	23	18		9	50	23:45	2	4		0	6								
TOTALS	552	445	0	167	1164	TOTALS	1181	896	0	331	2408								
SPLIT %	47%	38%	0%	14%	33%	SPLIT %	49%	37%	0%	14%	67%								



This count shows the proportional approach traffic at the Meyer/Ralston intersection. The vast majority of traffic here originates from Meyer Lane. This sheet is for Wednesday.

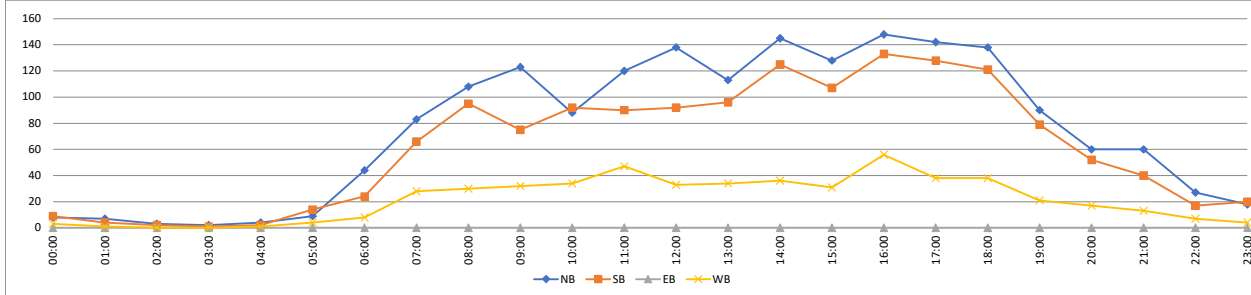
VOLUME

Meyer Ln and Ralston Ln

Day: Thursday
Date: 20-06-24

City: Redondo Beach
Project #: CA24_020216_001

DAILY TOTALS											DAILY TOTALS								
						NB	SB	EB	WB	Total									
						1,806	1,484	0	516	3,806									
15-Minutes Interval											Hourly Intervals					% Ralston			
TIME	NB	SB	EB	WB	TOTAL	TIME	NB	SB	EB	WB	TOTAL	TIME	NB	SB	EB		WB	TOTAL	
00:00	3	5		1	9	12:00	28	23		6	57	00:00	01:00	8	9		3	20	18%
00:15	1	1		1	3	12:15	44	32		6	82	01:00	02:00	7	4		1	12	9%
00:30	1	1		1	3	12:30	32	17		8	57	02:00	03:00	3	2		0	5	0%
00:45	3	2		0	5	12:45	34	20		13	67	03:00	04:00	2	1		0	3	0%
01:00	3	2		0	5	13:00	31	26		8	65	04:00	05:00	4	2		1	7	17%
01:15	2	1		0	3	13:15	23	30		11	64	05:00	06:00	9	14		4	27	17%
01:30	1	1		0	2	13:30	26	18		6	50	06:00	07:00	44	24		8	76	12%
01:45	1	0		1	2	13:45	33	22		9	64	07:00	08:00	83	66		28	177	19%
02:00	1	0		0	1	14:00	36	29		12	77	08:00	09:00	108	95		30	233	15%
02:15	0	0		0	0	14:15	31	29		10	70	09:00	10:00	123	75		32	230	16%
02:30	2	2		0	4	14:30	37	29		5	71	10:00	11:00	88	92		34	214	19%
02:45	0	0		0	0	14:45	41	38		9	88	11:00	12:00	120	90		47	257	22%
03:00	1	1		0	2	15:00	41	25		6	72	12:00	13:00	138	92		33	263	14%
03:15	1	0		0	1	15:15	31	26		7	64	13:00	14:00	113	96		34	243	16%
03:30	0	0		0	0	15:30	25	27		11	63	14:00	15:00	145	125		36	306	13%
03:45	0	0		0	0	15:45	31	29		7	67	15:00	16:00	128	107		31	266	13%
04:00	0	0		0	0	16:00	38	36		7	81	16:00	17:00	148	133		56	337	20%
04:15	0	0		0	0	16:15	33	37		12	82	17:00	18:00	142	128		38	308	14%
04:30	3	0		0	3	16:30	38	27		17	82	18:00	19:00	138	121		38	297	15%
04:45	1	2		1	4	16:45	39	33		20	92	19:00	20:00	90	79		21	190	12%
05:00	1	0		0	1	17:00	44	38		12	94	20:00	21:00	60	52		17	129	15%
05:15	1	2		3	6	17:15	41	31		7	79	21:00	22:00	60	40		13	113	13%
05:30	1	5		0	6	17:30	25	32		10	67	22:00	23:00	27	17		7	51	16%
05:45	6	7		1	14	17:45	32	27		9	68	23:00	00:00	18	20		4	42	11%
06:00	5	1		1	7	18:00	39	33		10	82	STATISTICS					14%		
06:15	11	5		2	18	18:15	37	33		9	79		NB	SB	EB	WB		TOTAL	
06:30	11	8		1	20	18:30	34	35		9	78	Peak Period	00:00 to 12:00						
06:45	17	10		4	31	18:45	28	20		10	58	Volume	599	474		188	1261		
07:00	14	12		4	30	19:00	22	26		3	51	Peak Hour	09:00 08:15			11:00	11:00		
07:15	17	17		2	36	19:15	23	21		11	55	Peak Volume	123	107		47	257		
07:30	23	16		10	49	19:30	28	17		3	48	Peak Hour Factor	0.809	0.787		0.691	0.905		
07:45	29	21		12	62	19:45	17	15		4	36	Peak Period	12:00 to 00:00						
08:00	29	16		7	52	20:00	13	14		9	36	Volume	1207	1010		328	2545		
08:15	28	23		10	61	20:15	17	11		3	31	Peak Hour	16:30	16:15		16:15	16:15		
08:30	30	22		9	61	20:30	15	15		2	32	Peak Volume	162	135		61	350		
08:45	21	34		4	59	20:45	15	12		3	30	Peak Hour Factor	0.920	0.888		0.763	0.931		
09:00	38	28		7	73	21:00	16	15		3	34	Peak Period	07:00 to 09:00						
09:15	29	23		10	62	21:15	18	14		6	38	Volume	191	161		58	410		
09:30	26	12		7	45	21:30	15	5		2	22	Peak Hour	07:45	08:00		07:30	07:45		
09:45	30	12		8	50	21:45	11	6		2	19	Peak Volume	116	95		39	236		
10:00	23	24		10	57	22:00	11	4		3	18	Peak Hour Factor	0.967	0.699		0.813	0.952		
10:15	23	22		9	54	22:15	6	7		2	15	Peak Period	16:00 to 18:00						
10:30	24	18		6	48	22:30	5	1		1	7	Volume	290	261		94	645		
10:45	18	28		9	55	22:45	5	5		1	11	Peak Hour	16:30	16:15		16:15	16:15		
11:00	29	20		14	63	23:00	7	7		3	17	Peak Volume	162	135		61	350		
11:15	25	24		5	54	23:15	5	7		0	12	Peak Hour Factor	0.920	0.888		0.763	0.931		
11:30	38	20		11	69	23:30	2	2		0	4								
11:45	28	26		17	71	23:45	4	4		1	9								
TOTALS	599	474	0	188	1261	TOTALS	1207	1010	0	328	2545								
SPLIT %	48%	38%	0%	15%	33%	SPLIT %	47%	40%	0%	13%	67%								



This count shows the proportional approach traffic at the Meyer/Ralston intersection. The vast majority of traffic here originates from Meyer Lane. This sheet is for Thursday.