

2015 and Previous Average Daily Traffic (ADT) and Weekend Recreational Traffic @ Bridge 102 (7-Day Counts)

	TUES	WED	THUR	FRI	SAT	SUN	MON		
	6/16/15	6/17/15	6/18/15	6/19/15	6/20/15	6/21/15	6/22/15		
ALL VEHICLES, 2015*	4811	4858	4779	4996	6734	6713	4811	ADT (Tues to Thurs)	4816
	8/28/12	8/22/12	8/23/14	8/24/12	8/25/12	8/26/12	8/27/12		
ALL VEHICLES, 2012**	3923	3987	3911	4579	5695	5125	4104	ADT (Tues to Thurs)	3940
	8/2/11	8/3/11	8/4/14	8/5/11	8/6/11	8/7/11	8/8/11		
ALL VEHICLES, 2011***	4265	4508	4662	4697	5493	5257	4038	ADT (Tues to Thurs)	4478
	7/8/08	7/9/08	7/10/08	7/11/08	7/12/08	7/13/08	7/14/08		
ALL VEHICLES, 2008****	4078	4254	4258	4987	5727	5433	4142	ADT (Tues to Thurs)	4197

There is an overall pattern of slow ADT Growth the last 8 years, even with financial downturns and fluctuating gas prices. The year 2012 was the exception. Recreational weekend traffic seems to fluctuate more based on the economy and gas prices.

*Gas prices have dropped sharply from 2015 into 2016 and we have seen a jump in ADT, especially recreational (Sat-Sun) ADT.

**ADT was down in 2012, may be due at least partly to continued surging crude oil prices and record gas prices at the pump.

*** Gas prices continued to rise to high levels in 2011.

****Financial crisis at its worst in the latter half of 2008, which led to falling oil/gas prices late in the year but still high in July during counts.

Forecast 10-Year ADT **5871** (*Using 2% Per Year Growth Rate)

Distribution and Percentage of Vehicles Types for 2015 from 7-Day Combined Direction Counts at Bridge 102, Mountain Loop Highway

BIN #	VEHICLE TYPE	VEHICLE GROUPING		TUES	WED	THUR	FRI	SAT	SUN	MON
				6/16/15	6/17/15	6/18/15	6/19/15	6/20/15	6/21/15	6/22/15
1	Motor Bikes	Autos, Bikes, etc.		78	58	59	55	142	150	63
2	Cars & Trailers			3468	3534	3540	3605	5248	5354	3553
3	2 Axle Long (Pickups, Vans, Panels)			624	661	663	726	935	853	595
4	Buses	Buses	Trucks & Buses	28	25	19	37	27	25	28
5	2 Axle 6 Tire	Single Trucks	All Trucks	257	288	244	274	292	292	264
6	3 Axle Single			36	31	27	21	17	0	44
7	4 Axle Single			6	6	3	8	2	0	6
8	<5 Axle Double	Combo Trucks		27	14	27	38	25	38	20
9	5 Axle Double			38	17	16	19	4	0	22
10	>6 Axle Double			178	148	119	144	25	0	144
11	<6 Axle Multi			0	2	0	2	0	1	1
12	6 Axle Multi			0	1	0	0	0	0	0
13	>6 Axle Multi			71	73	62	67	17	0	71

T,W,R AVG	Wk-end AVG	7-Day AVG	T,W,R %	Wk-end %	7-Day %
65	146	86	1.35%	2.17%	1.60%
3514	5301	4043	72.97%	78.84%	75.07%
649	894	722	13.48%	13.30%	13.41%
24	26	27	0.50%	0.39%	0.50%
263	292	273	5.46%	4.34%	5.07%
31	9	25	0.65%	0.13%	0.47%
5	1	4	0.10%	0.01%	0.08%
23	32	27	0.47%	0.47%	0.50%
24	2	17	0.49%	0.03%	0.31%
148	13	108	3.08%	0.19%	2.01%
1	1	1	0.01%	0.01%	0.02%
0	0	0	0.01%	0.00%	0.00%
69	9	52	1.43%	0.13%	0.96%

		TUES	WED	THUR	FRI	SAT	SUN	MON
		Typical Weekday (T, W, R)			Typical Weekend			
1-13	Totals: ADT All Vehicles	4811	4858	4779	4996	6734	6713	4811
1-3	Totals: Autos, Bikes	4170	4253	4262	4386	6325	6357	4211
4	Totals: Buses	28	25	19	37	27	25	28
5-7	Totals: Single Trucks	299	325	274	303	311	292	314
8-13	Totals: Combo Trucks	314	255	224	270	71	39	258
5-13	Totals: All Trucks	613	580	498	573	382	331	572
4-13	Totals: Trucks and Buses	641	605	517	610	409	356	600

T,W,R AVG	Wk-end AVG	7-Day AVG	T,W,R %	Wk-end %	7-Day %
4816	6724	5386	100.00%	100.00%	100.00%
4228	6341	4852	87.80%	94.31%	90.09%
24	26	27	0.50%	0.39%	0.50%
299	302	303	6.22%	4.48%	5.62%
264	55	204	5.49%	0.82%	3.80%
564	357	507	11.70%	5.30%	9.41%
588	383	534	12.20%	5.69%	9.91%

PEAK HOUR VOLUMES OF ALL VEHICLES

PEAK HOUR VOLUMES OF ALL VEHICLES										
Peak Hr Volumes	TUES	WED	THUR	FRI	SAT	SUN	MON	T,W,R AVG	Wk-end AVG	7-Day AVG
	AM NB	160	161	166	141	333	309	172	162	321
AM SB	149	144	166	163	192	239	160	153	216	173
AM Combined	286	304	332	298	496	548	332	307	522	371
PM NB	235	223	230	243	320	323	226	229	322	257
PM SB	187	182	208	174	301	378	203	192	340	233
PM Combined	391	402	384	398	575	619	383	392	597	450
Peak Hr Times	TUES	WED	THUR	FRI	SAT	SUN	MON			
	AM NB	11:00 AM	11:00 AM	10:45 AM	11:00 AM	9:45 AM	11:00 AM	10:45 AM		
AM SB	6:45 AM	6:30 AM	10:45 AM	8:45 AM	11:00 AM	11:00 AM	10:45 AM			
AM Combined	11:00 AM	11:00 AM	10:45 AM	11:00 AM	10:00 AM	11:00 AM	10:45 AM			
PM NB	4:45 PM	4:30 PM	4:45 PM	5:30 PM	12:00 PM	1:00 PM	4:45 PM			
PM SB	1:45 PM	3:15 PM	1:45 PM	2:30 PM	3:00 PM	3:15 PM	2:45 PM			
PM Combined	4:45 PM	5:00 PM	4:45 PM	4:00 PM	12:30 PM	1:00 PM	2:45 PM			

Truck Peak Hour for Average Weekday Traffic (Tuesday thru Thursday)

Tues 6/16/15	Buses	Single Trucks			Combo Trucks							All Trucks & Buses (Heavy Vehicles)	Total 5-13 Trucks (Single and Combo)	Total 6-13 Trucks (=>3 Axle Single)
Vehicle Class	4 - Bus	5 - 2 Ax/6Tire	6 - 3 Axle S.	7 - 4 Axle S.	8 - <5 Axle D.	9 - 5 Axle D.	10 ->6 Axle D.	11 --<6 Axle M.	12 - 6 Axle M.	13 ->6 Axle M.				
6:00 AM	2	8	0	0	1	2	18	0	0	4	35	33	25	
7:00 AM	6	11	4	1	0	4	12	0	0	11	49	43	32	
8:00 AM	1	19	2	0	1	5	9	0	0	4	41	40	21	
9:00 AM	2	14	8	3	3	2	28	0	0	11	71	69	55	
10:00 AM	2	9	1	0	3	2	14	0	0	6	37	35	26	
11:00 AM	3	18	5	0	2	4	25	0	0	4	61	58	40	
1:00 PM	4	17	2	0	7	5	20	0	0	10	65	61	44	
2:00 PM	4	14	2	1	0	3	13	0	0	11	48	44	30	
3:00 PM	0	16	1	1	1	2	9	0	0	2	32	32	16	
4:00 PM	0	23	0	0	0	0	0	0	0	0	23	23	0	
5:00 PM	0	18	0	0	1	0	0	0	0	0	19	19	1	

Peak Truck Hour: 9 AM **71** **69** **55**

Wed 6/17/15	Buses	Single Trucks			Combo Trucks							All Trucks & Buses (Heavy Vehicles)	Total 5-13 Trucks (Single and Combo)	Total 6-13 Trucks (=>3 Axle Single)
Vehicle Class	4 - Bus	5 - 2 Ax/6Tire	6 - 3 Axle S.	7 - 4 Axle S.	8 - <5 Axle D.	9 - 5 Axle D.	10 ->6 Axle D.	11 --<6 Axle M.	12 - 6 Axle M.	13 ->6 Axle M.				
6:00 AM	0	7	1	0	0	2	15	0	0	5	30	30	23	
7:00 AM	2	10	3	2	0	3	11	0	0	11	42	40	30	
8:00 AM	3	14	2	0	0	2	12	0	0	5	38	35	21	
9:00 AM	2	11	5	0	1	1	21	0	0	8	49	47	36	
10:00 AM	1	18	2	0	4	1	10	0	0	9	45	44	26	
11:00 AM	5	20	2	2	2	1	24	0	1	9	66	61	41	
1:00 PM	1	20	2	1	1	2	13	0	0	7	47	46	26	
2:00 PM	2	20	2	0	1	2	19	1	0	6	53	51	31	
3:00 PM	2	17	1	0	0	0	15	0	0	6	41	39	22	
4:00 PM	3	22	3	1	2	0	8	0	0	5	44	41	19	
5:00 PM	1	21	1	0	1	0	0	0	0	0	24	23	2	

Peak Truck Hour: 11 AM **66** **61** **41**

Thurs 6/18/15	Buses	Single Trucks			Combo Trucks							All Trucks & Buses (Heavy Vehicles)	Total 5-13 Trucks (Single and Combo)	Total 6-13 Trucks (=>3 Axle Single)
Vehicle Class	4 - Bus	5 - 2 Ax/6Tire	6 - 3 Axle S.	7 - 4 Axle S.	8 - <5 Axle D.	9 - 5 Axle D.	10 ->6 Axle D.	11 --<6 Axle M.	12 - 6 Axle M.	13 ->6 Axle M.				
6:00 AM	2	11	1	0	0	2	20	0	0	6	42	40	29	
7:00 AM	1	17	3	0	2	1	13	0	0	8	45	44	27	
8:00 AM	1	10	1	1	1	3	5	0	0	3	25	24	14	
9:00 AM	1	9	1	0	3	2	19	0	0	9	44	43	34	
10:00 AM	1	13	3	0	1	1	9	0	0	3	31	30	17	
11:00 AM	2	19	5	0	2	1	15	0	0	12	56	54	35	
1:00 PM	3	15	0	1	3	0	17	0	0	7	46	43	28	
2:00 PM	6	10	2	0	0	1	9	0	0	5	33	27	17	
3:00 PM	0	14	2	1	3	0	2	0	0	4	26	26	12	
4:00 PM	1	25	0	0	1	0	0	0	0	0	27	26	1	
5:00 PM	0	18	0	0	1	0	0	0	0	0	19	19	1	

Peak Truck Hour: 11 AM **56** **54** **35**

TYPICAL WEEKDAY TRUCK PEAK HOUR **64** **61** **44**

Mountain Loop Highway from SR 92 (Quarry Road) to Canyon Drive

Travel Time Data	Average Travel Speed	LOS (Snoco Urban Standards)	LOS (Snoco Rural Standards % FFS)
AM NB Existing	36.29	A	B
AM SB Existing	34.68	B	B
AM NB Forecast	33.40	B	*C
AM SB Forecast	30.10	B	*D

Travel Time Data	Average Travel Speed	LOS (Snoco Urban Standards)	LOS (Snoco Rural Standards % FFS)
PM NB Existing	37.38	A	B
PM SB Existing	35.13	A	B
PM NB Forecast	38.10	A	*A
PM SB Forecast	33.40	B	*C

*FFS may change over time.