

Appendix H

Traffic Counts

(Based on one week of placement at listed location, unless otherwise noted)

DENT COUNTY
Dent County – County Road 6490 (June 29, 2017)

Total Vehicle Count	137	100%	Average Speed	19	MPH	In Pace Count	99	72%
Under Limit Count	124	90%	Minimum Speed	11	MPH	10 mph Pace	15 - 24	MPH
Over Limit Count	13	10%	Maximum Speed	32	MPH	Standard Deviation	4	MPH
10 Over Limit Count	0	0%	85th Percentile Speed	24	MPH	Average Speed Over Limit	28	MPH

Dent County – Hwy H & County Road 2400 (November 1, 2017)

Total Vehicle Count	588	100%	Average Speed	26.2	MPH	In Pace Count	274	46%
Under Limit Count	560	95%	Minimum Speed	10	MPH	10 mph Pace	22 - 31	MPH
Over Limit Count	28	5%	Maximum Speed	54	MPH	Standard Deviation	6	MPH
10 Over Limit Count	2	0%	85th Percentile Speed	33	MPH	Average Speed Over Limit	39	MPH

GASCONADE COUNTY
Hermann – Highway 19 (February 7, 2018)

Total Vehicle Count	15230	100%	Average Speed	21.3	MPH	In Pace Count	13394	87%
Under Limit Count	14635	96%	Minimum Speed	10	MPH	10 mph Pace	17 - 26	MPH
Over Limit Count	595	4%	Maximum Speed	51	MPH	Standard Deviation	3	MPH
10 Over Limit Count	11	0%	85Speed Percentile	24	MPH	Average Speed Over Limit	27.1	MPH

Hermann – Highway 19 (February 14, 2018)

Total Vehicle Count	31822	100%	Average Speed	19.4	MPH	In Pace Count	22907	71%
Under Limit Count	29745	93%	Minimum Speed	10	MPH	10 mph Pace	15 - 24	MPH
Over Limit Count	2077	7%	Maximum Speed	60	MPH	Standard Deviation	4	MPH
10 Over Limit Count	198	0%	85Speed Percentile	23	MPH	Average Speed Over Limit	29.4	MPH

Hermann – Washington St. and Gellert St. (March 29, 2019 and April 5, 2019)

Total Vehicle Count	11327	100%	Average Speed	21.3	MPH	In Pace Count	8246	72%
Under Limit Count	9777	86%	Minimum Speed	10	MPH	10 mph Pace	17 - 26	MPH
Over Limit Count	1550	14%	Maximum Speed	51	MPH	Standard Deviation	4	MPH
10 Over Limit Count	30	0%	85th Percentile Speed	25	MPH	Average Speed Over Limit	27.9	MPH

Owensville – Highway 19 (March 24, 2017)

Total Vehicle Count	21821	100%	Average Speed	36	MPH	In Pace Count	12161	55%
Under Limit Count	11171	51%	Minimum Speed	10	MPH	10 mph Pace	31-40	MPH
Over Limit Count	10650	49%	Maximum Speed	106	MPH	Standard Deviation	7	MPH
10 Over Limit Count	2218	10%	85th Percentile Speed	43	MPH	Average Speed Over Limit	41.3	MPH

Owensville – Highway 19 (March 31, 2017)

Total Vehicle Count	62048	100%	Average Speed	38.6	MPH	In Pace Count	46061	74%
Under Limit Count	59499	95%	Minimum Speed	10	MPH	10 mph Pace	34-43	MPH
Over Limit Count	2549	5%	Maximum Speed	80	MPH	Standard Deviation	7	MPH
10 Over Limit Count	41	0%	85th Percentile Speed	43	MPH	Average Speed Over Limit	47.6	MPH

Owensville – Highway 28 (June 5, 2019)

Total Vehicle Count	39418	100%	Average Speed	39.6	MPH	In Pace Count	29465	74%
Under Limit Count	36812	93%	Minimum Speed	10	MPH	10 mph Pace	35 - 44	MPH
Over Limit Count	2606	7%	Maximum Speed	80	MPH	Standard Deviation	7	MPH
10 Over Limit Count	47	0%	85Speed Percentile	44	MPH	Average Speed Over Limit	47.7	MPH

Owensville – Highway 28 (June 7, 2019)

Total Vehicle Count	17860	100%	Average Speed	39.9	MPH	In Pace Count	13434	75%
Under Limit Count	16497	92%	Minimum Speed	10	MPH	10 mph Pace	35 - 44	MPH
Over Limit Count	1363	8%	Maximum Speed	73	MPH	Standard Deviation	7	MPH
10 Over Limit Count	20	0%	85Speed Percentile	44	MPH	Average Speed Over Limit	47.6	MPH

Owensville – Highway 19 North (June 14, 2019)

Total Vehicle Count	24417	100%	Average Speed	38.6	MPH	In Pace Count	9781	40%
Under Limit Count	24137	98%	Minimum Speed	10	MPH	10 mph Pace	34 - 43	MPH
Over Limit Count	280	2%	Maximum Speed	92	MPH	Standard Deviation	9	MPH
10 Over Limit Count	95	0%	85Speed Percentile	47	MPH	Average Speed Over Limit	62.6	MPH

Rosebud – Highway 50 (July 6, 2017)

Total Vehicle Count	40099	100%	Average Speed	40.5	MPH	In Pace Count	14414	35%
Under Limit Count	13773	34%	Minimum Speed	10	MPH	10 mph Pace	36 - 45	MPH
Over Limit Count	26326	66%	Maximum Speed	114	MPH	Standard Deviation	9	MPH
10 Over Limit Count	12257	30%	85th Percentile Speed	48	MPH	Average Speed Over Limit	45	MPH

Rosebud – Highway T (July 13, 2017)

Total Vehicle Count	4880	100%	Average Speed	33.2	MPH	In Pace Count	2390	48%
Under Limit Count	1792	36%	Minimum Speed	10	MPH	10 mph Pace	29 - 38	MPH
Over Limit Count	3088	64%	Maximum Speed	70	MPH	Standard Deviation	6	MPH
10 Over Limit Count	820	16%	85th Percentile Speed	40	MPH	Average Speed Over Limit	37	MPH

Rosebud – Highway 50 (October 9, 2018)

Total Vehicle Count	114058	100%	Average Speed	29.9	MPH	In Pace Count	32594	28%
Under Limit Count	84403	74%	Minimum Speed	10	MPH	10 mph Pace	25 - 34	MPH
Over Limit Count	29655	26%	Maximum Speed	113	MPH	Standard Deviation	10	MPH
10 Over Limit Count	11119	9%	85th Percentile Speed	42	MPH	Average Speed Over Limit	44.3	MPH

Rosebud – Highway 50 (October 17, 2018)

Total Vehicle Count	46425	100%	Average Speed	39.2	MPH	In Pace Count	22935	49%
Under Limit Count	14600	31%	Minimum Speed	10	MPH	10 mph Pace	35 - 44	MPH
Over Limit Count	31825	69%	Maximum Speed	111	MPH	Standard Deviation	8	MPH
10 Over Limit Count	8890	19%	85th Percentile Speed	45	MPH	Average Speed Over Limit	42.4	MPH

Rosebud – Highway 50 East Side (June 21, 2019)

Total Vehicle Count	42745	100%	Average Speed	41.1	MPH	In Pace Count	18464	43%
Under Limit Count	32058	74%	Minimum Speed	10	MPH	10 mph Pace	37 - 46	MPH
Over Limit Count	10687	26%	Maximum Speed	120	MPH	Standard Deviation	9	MPH
10 Over Limit Count	1341	3%	85th Percentile Speed	48	MPH	Average Speed Over Limit	51.3	MPH

PHELPS COUNTY

St. James – Highway 68 & Scioto Street (February 24, 2017)

Total Vehicle Count	35219	100%	Average Speed	24.5	MPH	In Pace Count	27649	78%
Under Limit Count	22116	62%	Minimum Speed	10	MPH	10 mph Pace	20-29	MPH
Over Limit Count	13103	37%	Maximum Speed	75	MPH	Standard Deviation	5	MPH
10 Over Limit Count	574	1%	85th Percentile Speed	28.5	MPH	Average Speed Over Limit	28.75	MPH

St. James – Meramec Street (June 16, 2017)

Total Vehicle Count	10783	100%	Average Speed	24.2	MPH	In Pace Count	8214	76%
Under Limit Count	7270	67%	Minimum Speed	10	MPH	10 mph Pace	20 - 29	MPH
Over Limit Count	3513	33%	Maximum Speed	84	MPH	Standard Deviation	4	MPH
10 Over Limit Count	126	1%	85th Percentile Speed	28	MPH	Average Speed Over Limit	28.5	MPH

St. James – Emory Street (April 7, 2019)

Total Vehicle Count	1652	100%	Average Speed	17.3	MPH	In Pace Count	1060	64%
Under Limit Count	1580	95%	Minimum Speed	10	MPH	10 mph Pace	13 - 22	MPH
Over Limit Count	72	5%	Maximum Speed	49	MPH	Standard Deviation	4	MPH
10 Over Limit Count	10	0%	85th Percentile Speed	22	MPH	Average Speed Over Limit	29.7	MPH

St. James – Highway 68 (April 22, 2019)

Total Vehicle Count	31430	100%	Average Speed	24.9	MPH	In Pace Count	25504	81%
Under Limit Count	19463	61%	Minimum Speed	10	MPH	10 mph Pace	20 - 29	MPH
Over Limit Count	11967	39%	Maximum Speed	83	MPH	Standard Deviation	4	MPH
10 Over Limit Count	366	1%	85th Percentile Speed	28	MPH	Average Speed Over Limit	28.5	MPH

St. James – Highway 68 (Easter Weekend April 24, 2019)

Total Vehicle Count	14546	100%	Average Speed	25.4	MPH	In Pace Count	11769	80%
Under Limit Count	8144	55%	Minimum Speed	10	MPH	10 mph Pace	21 - 30	MPH
Over Limit Count	6402	45%	Maximum Speed	58	MPH	Standard Deviation	4	MPH
10 Over Limit Count	228	1%	85th Percentile Speed	29	MPH	Average Speed Over Limit	28.7	MPH

St. James – Matlock Drive (May 10, 2019)

Total Vehicle Count	11314	100%	Average Speed	34.2	MPH	In Pace Count	7533	66%
Under Limit Count	7523	66%	Minimum Speed	10	MPH	10 mph Pace	30 - 39	MPH
Over Limit Count	3791	34%	Maximum Speed	89	MPH	Standard Deviation	7	MPH
10 Over Limit Count	513	4%	85th Percentile Speed	39	MPH	Average Speed Over Limit	40.9	MPH

St. James – South Outer Road (May 17, 2019)

Total Vehicle Count	13121	100%	Average Speed	45.4	MPH	In Pace Count	7763	59%
Under Limit Count	7050	53%	Minimum Speed	10	MPH	10 mph Pace	41 - 50	MPH
Over Limit Count	6071	47%	Maximum Speed	87	MPH	Standard Deviation	6	MPH
10 Over Limit Count	856	6%	85th Percentile Speed	51	MPH	Average Speed Over Limit	50.4	MPH

PULASKI COUNTY

St. Robert – St. Robert Boulevard (May 16, 2017)

Total Vehicle Count	33486	100%	Average Speed	18.7	MPH	In Pace Count	28050	83%
Under Limit Count	33034	98%	Minimum Speed	10	MPH	10 mph Pace	14 - 23	MPH
Over Limit Count	452	2%	Maximum Speed	55	MPH	Standard Deviation	4	MPH
10 Over Limit Count	39	0%	85th Percentile Speed	22	MPH	Average Speed Over Limit	28.4	MPH

St. Robert – St. Robert Boulevard (May 23, 2017)

Total Vehicle Count	32763	100%	Average Speed	27.8	MPH	In Pace Count	27408	83%
Under Limit Count	32438	99%	Minimum Speed	10	MPH	10 mph Pace	23 - 32	MPH
Over Limit Count	325	1%	Maximum Speed	66	MPH	Standard Deviation	5	MPH
10 Over Limit Count	44	0%	85th Percentile Speed	31	MPH	Average Speed Over Limit	39.4	MPH

WASHINGTON COUNTY

Caledonia –Highway 21 (October 18, 2017)

Total Vehicle Count	21223	100%	Average Speed	31.8	MPH	In Pace Count	8544	40%
Under Limit Count	9562	45%	Minimum Speed	10	MPH	10 mph Pace	27 - 36	MPH
Over Limit Count	11661	55%	Maximum Speed	96	MPH	Standard Deviation	8	MPH
10 Over Limit Count	3888	18%	85th Percentile Speed	41	MPH	Average Speed Over Limit	38	MPH