

Appendix H

Traffic Counts

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

CRAWFORD COUNTY

Cuba - Orchard Street (October 13, 2019)

Total Vehicle Count	4984	100%	Average Speed	17	MPH	In Pace Count	4085	81%
Under Limit Count	4272	85%	Minimum Speed	10	MPH	10 mph Pace	13 - 22	MPH
Over Limit Count	712	15%	Maximum Speed	40	MPH	Standard Deviation	3	MPH
10 Over Limit Count	13	0%	85Speed Percentile	20	MPH	Average Speed Over Limit	22.8	MPH

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

Bland – Highway 28 (June 25, 2020)

Total Vehicle Count	10403	100%	Average Speed	42.6	MPH	In Pace Count	5574	53%
Under Limit Count	4244	40%	Minimum Speed	12	MPH	10 mph Pace	38 - 47	MPH
Over Limit Count	6159	60%	Maximum Speed	73	MPH	Standard Deviation	6	MPH
10 Over Limit Count	1425	13%	85Speed Percentile	49	MPH	Average Speed Over Limit	46.5	MPH

Bland – Highway 28 (June 29, 2020)

Total Vehicle Count	12122	100%	Average Speed	41.8	MPH	In Pace Count	6628	54%
Under Limit Count	63	0%	Minimum Speed	10	MPH	10 mph Pace	37 - 46	MPH
Over Limit Count	12059	100%	Maximum Speed	77	MPH	Standard Deviation	7	MPH
10 Over Limit Count	11694	96%	85Speed Percentile	49	MPH	Average Speed Over Limit	41.9	MPH

Bland – Highway 28 (July 1, 2020)

Total Vehicle Count	6024	100%	Average Speed	42.3	MPH	In Pace Count	3211	53%
Under Limit Count	31	0%	Minimum Speed	10	MPH	10 mph Pace	38 - 47	MPH
Over Limit Count	5993	100%	Maximum Speed	99	MPH	Standard Deviation	6	MPH
10 Over Limit Count	5915	98%	85Speed Percentile	49	MPH	Average Speed Over Limit	42.4	MPH

Bland – Highway 28 (July 16, 2020)

Total Vehicle Count	47433	100%	Average Speed	41.9	MPH	In Pace Count	26191	55%
Under Limit Count	21159	44%	Minimum Speed	10	MPH	10 mph Pace	37 - 46	MPH
Over Limit Count	26274	56%	Maximum Speed	98	MPH	Standard Deviation	7	MPH
10 Over Limit Count	5877	12%	85Speed Percentile	49	MPH	Average Speed Over Limit	46.4	MPH

Bland – Highway 28 (July 21, 2020)

Total Vehicle Count	15291	100%	Average Speed	42.2	MPH	In Pace Count	8041	52%
Under Limit Count	116	0%	Minimum Speed	10	MPH	10 mph Pace	38 - 47	MPH
Over Limit Count	15175	100%	Maximum Speed	90	MPH	Standard Deviation	6	MPH
10 Over Limit Count	15008	98%	85Speed Percentile	49	MPH	Average Speed Over Limit	42.4	MPH

Bland – Highway 28 @ Pallet Lumber Exp. (August 3, 2020)

Total Vehicle Count	44187	100%	Average Speed	43.1	MPH	In Pace Count	21939	49%
Under Limit Count	16482	37%	Minimum Speed	10	MPH	10 mph Pace	39 - 48	MPH
Over Limit Count	27705	63%	Maximum Speed	90	MPH	Standard Deviation	6	MPH
10 Over Limit Count	7129	16%	85Speed Percentile	50	MPH	Average Speed Over Limit	46.8	MPH

Bland – Highway 28 @ Pallet Lumber Exp. (August 12, 2020)

Total Vehicle Count	16326	100%	Average Speed	43	MPH	In Pace Count	8111	49%
Under Limit Count	84	0%	Minimum Speed	10	MPH	10 mph Pace	39 - 48	MPH
Over Limit Count	16242	100%	Maximum Speed	83	MPH	Standard Deviation	7	MPH
10 Over Limit Count	15995	97%	85Speed Percentile	50	MPH	Average Speed Over Limit	43.2	MPH

Bland – Highway 28 @ Pallet Lumber Exp. (August 17, 2020)

Total Vehicle Count	17229	100%	Average Speed	42.9	MPH	In Pace Count	8840	51%
Under Limit Count	55	0%	Minimum Speed	11	MPH	10 mph Pace	38 - 47	MPH
Over Limit Count	17174	100%	Maximum Speed	117	MPH	Standard Deviation	6	MPH
10 Over Limit Count	16857	97%	85Speed Percentile	50	MPH	Average Speed Over Limit	42.9	MPH

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	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%	85Speed Percentile	48	MPH	Average Speed Over Limit	51.3	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	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 West Side (October 7, 2019)

Total Vehicle Count	33906	100%	Average Speed	36.4	MPH	In Pace Count	18001	53%
Under Limit Count	17975	53%	Minimum Speed	10	MPH	10 mph Pace	32 - 41	MPH
Over Limit Count	15931	47%	Maximum Speed	105	MPH	Standard Deviation	8	MPH
10 Over Limit Count	3907	11%	85Speed Percentile	43	MPH	Average Speed Over Limit	42	MPH

PHELPS COUNTY

Doolittle – Highway T (August 19, 2020)

Total Vehicle Count	5538	100%	Average Speed	29.2	MPH	In Pace Count	683	12%
Under Limit Count	5328	96%	Minimum Speed	10	MPH	10 mph Pace	25 - 34	MPH
Over Limit Count	210	4%	Maximum Speed	54	MPH	Standard Deviation	10	MPH
10 Over Limit Count	0	0%	85Speed Percentile	42	MPH	Average Speed Over Limit	47.6	MPH

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	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 – Matlock Drive (May 3, 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

St. James – Matlock Drive (May 10, 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 – Highway 68 & 300 South Jefferson facing South (July 16, 2019)

Total Vehicle Count	16166	100%	Average Speed	25.8	MPH	In Pace Count	13811	85%
Under Limit Count	8145	50%	Minimum Speed	12	MPH	10 mph Pace	21 - 30	MPH
Over Limit Count	8021	50%	Maximum Speed	70	MPH	Standard Deviation	4	MPH
10 Over Limit Count	203	1%	85Speed Percentile	29	MPH	Average Speed Over Limit	28.4	MPH

St. James – Highway 68 & 300 South Jefferson facing South (July 19, 2019)

Total Vehicle Count	11356	100%	Average Speed	25.7	MPH	In Pace Count	9683	85%
Under Limit Count	463	4%	Minimum Speed	10	MPH	10 mph Pace	21 - 30	MPH
Over Limit Count	10893	96%	Maximum Speed	69	MPH	Standard Deviation	4	MPH
10 Over Limit Count	1196	10%	85Speed Percentile	29	MPH	Average Speed Over Limit	26	MPH

St. James – Highway 68 & 300 South Jefferson facing South (July 26, 2019)

Total Vehicle Count	35989	100%	Average Speed	26	MPH	In Pace Count	28623	79%
Under Limit Count	17010	47%	Minimum Speed	10	MPH	10 mph Pace	22 - 31	MPH
Over Limit Count	18979	53%	Maximum Speed	72	MPH	Standard Deviation	4	MPH
10 Over Limit Count	590	1%	85Speed Percentile	30	MPH	Average Speed Over Limit	28.7	MPH

St. James – Highway 68 & 300 South Jefferson facing South (July 29, 2019)

Total Vehicle Count	17275	100%	Average Speed	26.3	MPH	In Pace Count	13641	78%
Under Limit Count	864	5%	Minimum Speed	10	MPH	10 mph Pace	22 - 31	MPH
Over Limit Count	16411	95%	Maximum Speed	79	MPH	Standard Deviation	4	MPH
10 Over Limit Count	3092	17%	85Speed Percentile	30	MPH	Average Speed Over Limit	26.7	MPH

St. James – Highway 68 & 300 South Jefferson facing South (August 2, 2019)

Total Vehicle Count	21232	100%	Average Speed	25.7	MPH	In Pace Count	17112	80%
Under Limit Count	10770	50%	Minimum Speed	10	MPH	10 mph Pace	21 - 30	MPH
Over Limit Count	10462	50%	Maximum Speed	78	MPH	Standard Deviation	4	MPH
10 Over Limit Count	298	1%	85Speed Percentile	29	MPH	Average Speed Over Limit	28.6	MPH

St. James – Highway 68 & 300 South Jefferson facing South (August 9, 2019)

Total Vehicle Count	29471	100%	Average Speed	25.3	MPH	In Pace Count	24692	83%
Under Limit Count	16821	57%	Minimum Speed	11	MPH	10 mph Pace	21 - 30	MPH
Over Limit Count	12650	43%	Maximum Speed	90	MPH	Standard Deviation	4	MPH
10 Over Limit Count	382	1%	85Speed Percentile	28	MPH	Average Speed Over Limit	28.4	MPH

St. James – Walters Avenue (October 14, 2019)

Total Vehicle Count	4170	100%	Average Speed	19.7	MPH	In Pace Count	3551	85%
Under Limit Count	4058	97%	Minimum Speed	10	MPH	10 mph Pace	15 - 24	MPH
Over Limit Count	112	3%	Maximum Speed	45	MPH	Standard Deviation	3	MPH
10 Over Limit Count	3	0%	85Speed Percentile	23	MPH	Average Speed Over Limit	27.3	MPH

St. James – Walters Avenue (October 21, 2019)

Total Vehicle Count	4915	100%	Average Speed	24.3	MPH	In Pace Count	3501	71%
Under Limit Count	3096	62%	Minimum Speed	10	MPH	10 mph Pace	20 - 29	MPH
Over Limit Count	1819	38%	Maximum Speed	69	MPH	Standard Deviation	4	MPH
10 Over Limit Count	75	1%	85Speed Percentile	29	MPH	Average Speed Over Limit	28.8	MPH

St. James – Highway 68 (May 24, 2021)

Total Vehicle Count	11558	100%	Average Speed	25.5	MPH	In Pace Count	8829	76%
Under Limit Count	10460	90%	Minimum Speed	7	MPH	10 mph Pace	21 - 30	MPH
Over Limit Count	1098	10%	Maximum Speed	71	MPH	Standard Deviation	4	MPH
10 Over Limit Count	33	0%	85th Percentile Speed	29	MPH	Average Speed Over Limit	33.1	MPH

St. James – E. Charles St. (May 24, 2021)

Total Vehicle Count	695	100%	Average Speed	14.3	MPH	In Pace Count	473	68%
Under Limit Count	689	99%	Minimum Speed	5	MPH	10 mph Pace	10 - 19	MPH
Over Limit Count	6	1%	Maximum Speed	43	MPH	Standard Deviation	4	MPH
10 Over Limit Count	2	0%	85th Percentile Speed	19	MPH	Average Speed Over Limit	31.5	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

Potosi – Highway 8 at Rt O & U (August 19, 2020 through March 2021 – Not working)