

Table 12 (reprinted to larger size)
Top 50 Intersections by Excess Crash Cost

	Fac ID	Intersection		Traffic Vol Total AADT	Model Predicted Crashes		Actual Adjusted Crashes		Excess Crashes (# and Costs)			LOSS		Crash Trends 2017-2019 vs 2020-2022 Δ Crash Cost	Notes	High Injury Network	Type Of Control	Rank
		North-South Street	East-West Street		Predicted Crashes/Year	Predicted FI Crashes/Year	Expected Crashes/Year	Expected FI Crashes/Year	Excess PDO	Excess FI	Excess Expected Crash Value (\$)	LOSS Total Crashes	LOSS FI Crashes					
Top 10 intersections	10	College Av	Drake Rd	68,433	27.8	5.1	30.2	8.9	-1.4	3.8	\$791,361	LOSS 3	LOSS 4	-\$250,365	Capital project in design	Y	4SG	1
	162	Lemay	Harmony Rd	60,171	20.5	4.5	24.6	7.4	1.2	2.9	\$628,040	LOSS 3	LOSS 4	-\$409,021	Adaptive signal timing 2019, crashes trending down	Y	4SG	2
	119	Shields St	Prospect Rd	46,739	16.2	4.4	22.7	6.8	4.1	2.4	\$565,117	LOSS 4	LOSS 4	-\$58,554	Red Light Cameras in 2020, crashes trending down	Y	4SG	3
	59	Lemay	Drake Rd	48,728	16.9	4.6	18.7	7.1	-0.7	2.6	\$537,247	LOSS 3	LOSS 4	-\$336,730	Project planned - HSIP add SBRT lane, red light cam	Y	4SG	4
	1	Boardwalk Dr	Harmony Rd	55,037	16.6	4.0	21.3	6.1	2.5	2.2	\$499,099	LOSS 3	LOSS 4	-\$558,999	Protected Lefts in 2019, crashes trending down	Y	4SG	5
	34	College Av	Trilby Rd	45,174	15.1	3.9	16.4	5.6	-0.4	1.7	\$366,002	LOSS 3	LOSS 4	-\$616,361	Protected Lefts in 2020, capital project in design	Y	4SG	6
	55	JFK	Harmony Rd	46,531	11.9	2.8	13.1	4.2	-0.3	1.4	\$302,378	LOSS 3	LOSS 4	\$212,620		Y	4SG	7
	25	College Av	Mulberry St	49,330	17.2	4.6	24.6	5.7	6.4	1.0	\$298,216	LOSS 4	LOSS 3	-\$12,052		Y	4SG	8
	118	Shields St	Plum	32,196	7.5	1.8	10.9	3.0	2.2	1.2	\$278,446	LOSS 4	LOSS 4	-\$86,031		Y	4SG	9
	143	Timberline Rd	Carpenter	26,800	7.0	2.4	12.2	3.4	4.2	1.0	\$262,340	LOSS 4	LOSS 4	-\$485,037	Funded Project - HSIP funds to install WBRT lane	n	4SG	10
Next 15 intersections	69	Lemay	Riverside	37,663	11.9	3.6	13.1	4.6	0.2	1.0	\$215,636	LOSS 3	LOSS 3	\$315,563		Y	4SG	11
	18	College Av	Kensington	37,260	6.5	2.5	9.4	3.2	2.1	0.7	\$185,303	LOSS 4	LOSS 3	-\$87,069		Y	4SG	12
	9402	Lemay	Carpenter	20,940	4.8	1.7	5.6	2.5	-0.1	0.9	\$184,942	LOSS 3	LOSS 4	-\$618		n	4SG	13
	35	College Av	Troutman	42,276	10.2	3.1	11.6	3.9	0.6	0.8	\$184,052	LOSS 3	LOSS 3	-\$489,035	Funded Project- signal replacement, add FYA for LT'	Y	4SG	14
	9994	Taft Hill	Trilby	17,548	2.4	1.1	4.2	1.9	1.1	0.8	\$174,576	LOSS 4	LOSS 4	\$193,038	County improvement project in process, includes new	n	4ST	15
	140	Taft Hill Rd	Prospect Rd	33,579	10.2	3.1	9.8	3.9	-1.3	0.8	\$159,451		LOSS 3	-\$264,713		Y	4SG	16
	8	College Av	Columbia	45,829	8.8	2.9	10.2	3.6	0.7	0.7	\$157,166	LOSS 3	LOSS 3	-\$65,412	Funded Project, signal replacement	Y	4SG	17
	240	Timberline Rd	Custer	29,579	4.1	0.8	5.7	1.4	1.0	0.6	\$146,653	LOSS 4	LOSS 4	-\$94,586		Y	4SG	18
	145	Timberline Rd	Harmony Rd	82,439	34.9	5.8	36.2	6.5	0.6	0.7	\$146,178	LOSS 3	LOSS 3	-\$128,859		Y	4SG	19
	101	Remington	Mulberry St	26,805	6.2	1.7	8.4	2.2	1.7	0.5	\$133,402	LOSS 4	LOSS 3	-\$187,590	Funded Project - HSIP funds to replace signal	Y	4SG	20
	8656	Shields	Richmond	31,097	2.0	0.7	4.1	1.2	1.5	0.5	\$131,580	LOSS 4	LOSS 4	\$117,924		Y	4ST	21
	8432	College	Bristlecone	25,180	1.4	0.5	2.1	1.1	0.0	0.6	\$130,950	LOSS 3	LOSS 4	\$151,315		Y	3ST	22
	110	Shields St	Harmony Rd	38,748	12.2	3.7	14.5	4.1	1.9	0.5	\$122,729	LOSS 3	LOSS 3	-\$88,352		Y	4SG	23
	116	Shields St	Mountain	16,251	2.9	0.9	4.1	1.4	0.6	0.5	\$120,118	LOSS 4	LOSS 4	\$81,585		n	4SG	24
	139	Taft Hill Rd	Mulberry St	25,525	6.5	2.2	8.6	2.7	1.6	0.5	\$117,800	LOSS 4	LOSS 3	-\$138,655		Y	4SG	25
9542	College	Smokey	35398	1.8	0.6	4.0	1.0	1.8	0.4	\$112,047	LOSS 4	LOSS 4	\$11,847	Funded Project - development project to limit access	Y	3ST	26	
8835	Timberline Rd	Kechter	23078	5.2	1.5	7.8	1.9	2.2	0.4	\$111,811	LOSS 4	LOSS 3	-\$245,805	Funded Project -corridor completion in 2023	n	4SG	27	
5329	College	Plum	36164	1.8	0.6	3.2	1.0	1.0	0.4	\$100,457	LOSS 4	LOSS 4	\$48,719		Y	3ST	28	
6417	Timberline	Vine	14151	1.2	0.6	4.5	0.8	3.0	0.3	\$98,606	LOSS 4	LOSS 4	-\$73,019	Funded Project- new signal construction in Q3 2023	n	4ST	29	
62	Lemay	Horsetooth (East)	40597	6.5	2.1	8.2	2.5	1.3	0.4	\$98,247	LOSS 3	LOSS 3	\$51,689		Y	3SG	30	
7290	College	Mason/Palmer	41645	3.7	1.3	5.2	1.7	1.1	0.4	\$96,678	LOSS 3	LOSS 3	\$31,418		Y	4ST	31	
125	Shields St	Trilby Rd	24445	6.0	2.1	8.1	2.4	1.8	0.3	\$92,621	LOSS 4	LOSS 3	-\$154,398		n	4SG	32	
6688	Automation Way	Horsetooth	25263	1.4	0.5	1.6	0.9	-0.3	0.4	\$89,617	LOSS 3	LOSS 4	\$68,567		Y	3ST	33	
10247	Rigden	Drake	16601	0.6	0.2	1.7	0.6	0.7	0.4	\$84,276	LOSS 4	LOSS 4	\$76,993		Y	3ST	34	
111	Shields St	Horsetooth Rd	45589	15.8	4.3	17.7	4.6	1.6	0.3	\$84,205	LOSS 3	LOSS 3	-\$690,744		Y	4SG	35	
7	College Av	Cherry	36868	10.9	2.9	9.6	3.4	-1.8	0.5	\$83,540		LOSS 3	-\$16,529		Y	4SG	36	
9380	Timberline	Lincoln	16582	1.2	0.6	5.6	0.8	4.2	0.1	\$82,580	LOSS 4	LOSS 3	\$141,823		n	4ST	37	
33	College Av	Swallow	48338	13.2	3.6	11.1	4.1	-2.6	0.5	\$81,477		LOSS 3	-\$88,646	Minor signal imp made.Crashes trending down	Y	4SG	38	
4	College Av	Boardwalk	44966	10.2	3.2	11.0	3.5	0.4	0.3	\$78,993	LOSS 3	LOSS 3	\$209,018		Y	4SG	39	
193	Stover (East Int.)	Prospect	25463	1.9	0.5	3.9	0.7	1.7	0.3	\$78,367	LOSS 4	LOSS 4	\$3,733		Y	3ST	40	
80	Mason St	Harmony Rd	36814	10.6	2.8	14.2	2.9	3.4	0.1	\$73,801	LOSS 4	LOSS 3	-\$1,048,302	Safety project completed, positive trend	Y	4SG	41	
6171	Edinburgh	Drake	24457	1.4	0.5	3.0	0.8	1.4	0.3	\$72,820	LOSS 4	LOSS 3	-\$45,751		Y	3ST	42	
71	Lemay	Stuart	30613	6.6	1.6	5.9	2.0	-1.1	0.4	\$65,904		LOSS 3	-\$77,540		Y	4SG	43	
8562	Overland	Drake	14757	1.6	0.5	2.3	0.7	0.5	0.3	\$62,356	LOSS 4	LOSS 4	-\$14,287	Safety project completed, positive trend	n	3ST	44	
72	Lemay	Swallow	29477	4.3	1.2	5.3	1.5	0.7	0.2	\$60,319	LOSS 3	LOSS 3	-\$68,163		Y	3SG	45	
8710	College	Thunderbird	41222	2.8	0.8	3.4	1.0	0.4	0.2	\$53,931	LOSS 3	LOSS 3	\$116,117		Y	4ST	46	
99	Remington	Elizabeth	6486	0.6	0.2	1.3	0.4	0.5	0.2	\$52,352	LOSS 4	LOSS 4	\$47,275		n	4ST	47	
8698	College	Parker	42333	2.0	0.6	2.5	0.8	0.3	0.2	\$49,798	LOSS 3	LOSS 3	\$83,755		Y	3ST	48	
46	Howes	Laporte	10695	1.3	0.5	1.8	0.7	0.3	0.2	\$46,828	LOSS 4	LOSS 4	\$58,055		n	4SG	49	
137	Taft Hill Rd	Horsetooth Rd	33013	9.6	2.7	10.5	2.9	0.6	0.2	\$46,051	LOSS 3	LOSS 3	-\$174,167	Funded Project, will add NBRT lane	Y	4SG	50	

Legend:

10 high priority locations for review
Additional 15 locations with potential for crash reduction
Recently Improved - safety being monitored
Project In Process

AADT Annualized Average Daily Traffic
 PDO Property Damage Only
 FI Fatal or Injury
 LOSS Level of Service of Safety

Shading reflects LOSS 4
 Range of -\$50k to +\$50k unshaded
 Red shading notes increasing crash trend
 Green shading identifies improving safety trend

SG Signal
 ST Stop