Kimley-Horn and Associates, Inc.

Memorandum

To: Kimberly Kerr, Assistant Chief Administrative Officer

Cc: Natalie Porter, PE, TE
Shawna Purvines
Claudia Wade, PE

From: Michael Schmitt, AICP CTP, PTP

Re: Technical Memorandum A: Peak Hour Assignment
El Dorado County Travel Demand Model Update

Date: December 17, 2013

In response to new data provided by SACMET, including the SACMET01 Documentation dated March 8, 2002, and comments provided separately, analysis was undertaken to develop a revised peak hour model for the El Dorado County (EDC) Travel Demand Model (TDM). Specifically, candidate peak hour models were identified for consideration based on their ability to provide additional analysis capabilities that would be useful during future Traffic Impact Mitigation Fee Program analysis.

The purpose of this memorandum is to present the results of validation analysis for three different peak hour models developed for possible use by the EDC TDM. This memorandum provides an overview of the three candidate methods, a review of analysis techniques, and the basis for selecting a preferred EDC TDM Peak Hour Model.

I. Candidate Methods

Three candidate methods were identified for consideration based on available data, planned uses of the model, and typical approaches by users of SACMET and other TDMs across the US. Following is a brief summary of the selected Peak Hour model methods:

- **Method A.** Apply a functional class based factor representing the percentage of AM and PM Peak Hour , developed from existing count data, to the AM and PM Peak Period assignments to forecast AM and PM Peak Hour assignments (Method A).
- **Method B.** Apply a factor representing the percentage of AM and PM Peak Hour traffic which occurs in the highest hour of each of the two Peak Periods to create AM and PM Peak Hour trip tables. Assign the resulting trips using existing model algorithms.
- **Method C.** Using the information provided on Table 3 of the SACMET01 Documentation prepare AM and PM Peak Hour trip tables. Assign the resulting trips using existing model algorithms.

I. Model Validation Methodology

At the 290 locations identified for analysis, each of the three EDC TDM Peak Hour method's output was analyzed for a 2010 base year using traffic count data provided by EDC for the a period covering 2009 to 2011. The base year traffic assignment was analyzed for both the AM peak hour and the PM peak hour assignment.

The principle measure of effectiveness (MOE) used to compare each of the three methods was the allowable percent error corresponding to graphs from NCHRP 255[1], as shown in **Exhibit 1.** This exhibit illustrates the allowable deviation between model volumes and the actual counts for individual roadway links. As shown, the acceptable percent deviation has an inverse relationship with traffic volume (the acceptable percent deviation increases as traffic volumes decrease).

Analysis was carried out for both aggregate results and on an individual link basis. Summary information regarding the number of links that met specified criteria and the total aggregated differences were prepared and subsequently compared. Summary data is provided in **Appendix A**.

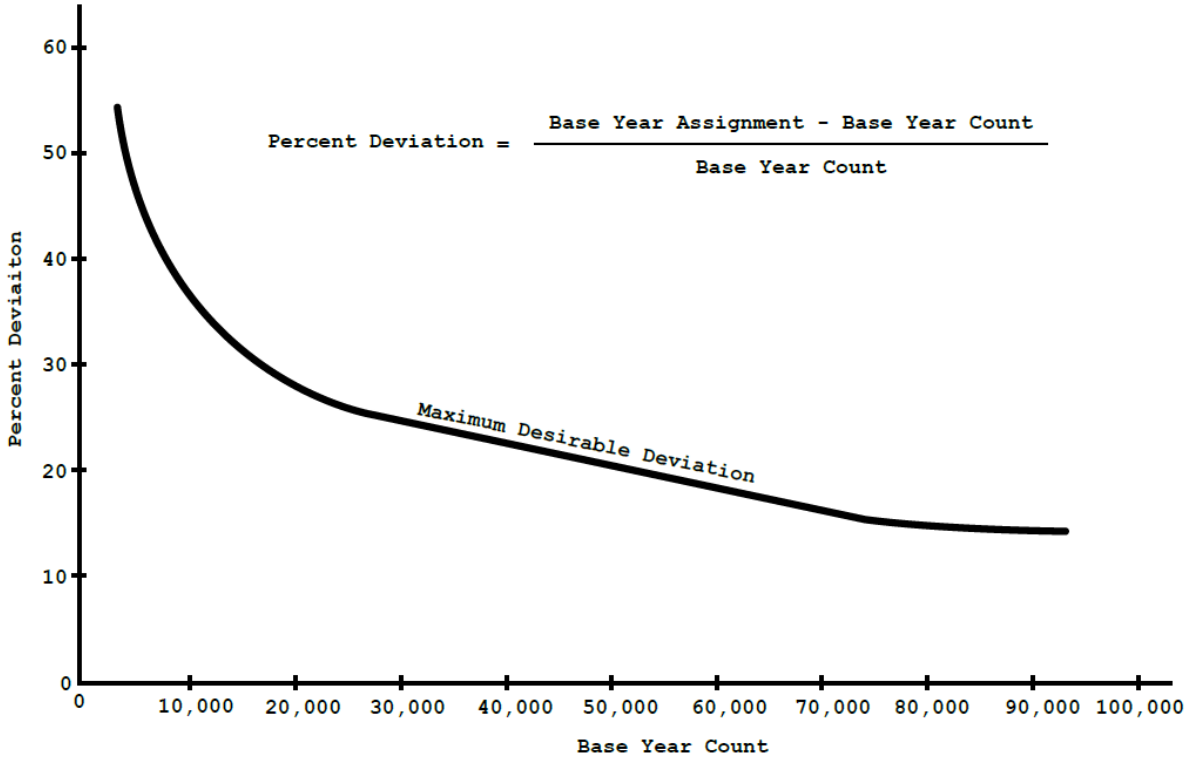
II. Peak Hour Model Selection

The results of the analysis were analyzed both in terms of total error and the number of links which were within NCHRP 255 tolerances. As shown in **Appendix A**, Method B had both the most links within tolerance and the lowest overall error (based on summed total of both AM and PM peak hour assignments). Furthermore, Method B will also facilitate the completion of select link and zone analyses (although Method C will as well, Method A would not directly accommodate this analysis technique). Although Method A is commonly used amongst other SACMET based models it resulted in the greatest level of aggregate error. This is likely the result of the fact that its applicability is intended to span the entirety of the SACOG Region and as such is not necessarily specifically representative of EDC travel behavior (which both Method A and Method B are based only on EDC data). Based on these findings, the results of the analysis, and discussions with EDC staff; Method B was selected for implementation within the current model.

[1] NCRHP 255: Highway Traffic Data for Urbanized Area Project Planning and Design, National Cooperative Highway Research Program, Washington, D.C., December 1982

Exhibit 1 – Maximum Desirable Error for Link Volumes

Source: NCRHP 255[1]



					Validated 2010 - V2 (using pk hr factor by facility type)										Method C - SACMET PA-OD conversion factors										Method B - AM1 factor (0.37) and PM1 factor (0.34)									
									AM1				PM1				AM1				PM1						AM1				PM1			
CAPCLASS	TYPE	A&B	NAME	Location	ACTUAL AM PK HR	ACTUAL PM PK HR	V2 AM PK HR	V2 PM PK HR	Percent Error	NCHRP 255 Tolerance	PASS	Percent Error	NCHRP 255 Tolerance	PASS	Method C AM1	Method C PM1	Percent Error	NCHRP 255 Tolerance	PASS	Percent Error	NCHRP 255 Tolerance	PASS	Method B AM1	Method B PM1	Percent Error	NCHRP 255 Tolerance	PASS	Percent Error	NCHRP 255 Tolerance	PASS
1	Freeways	14331434	US50 - EB	W. of Zinfandel Dr	5,504	6,693	5,123	5,586	-6.92%	±45.3%	YES	-16.54%	±42.2%	YES	7,217	7,355	31.12%	±45.3%	YES	9.89%	±42.2%	YES	6,109	6,917	10.99%	±45.3%	YES	3.35%	±42.2%	YES
1	Freeways	14301431	US50 - WB	W. of Zinfandel Dr	6,344	6,048	5,516	5,582	-13.05%	±43.0%	YES	-7.71%	±43.8%	YES	7,959	6,864	25.46%	±43.0%	YES	13.49%	±43.8%	YES	6,379	6,552	0.55%	±43.0%	YES	8.33%	±43.8%	YES
1	Freeways	12691270	US50 - EB	E. of Zinfandel Dr	4,352	6,635	4,274	5,982	-1.79%	±49.3%	YES	-9.84%	±42.3%	YES	5,055	6,761	16.15%	±49.3%	YES	1.90%	±42.3%	YES	4,382	6,100	0.69%	±49.3%	YES	-8.06%	±42.3%	YES
1	Freeways	12711272	US50 - WB	E. of Zinfandel Dr	6,207	4,569	5,616	4,829	-9.52%	±43.4%	YES	5.69%	±48.4%	YES	7,648	4,652	23.22%	±43.4%	YES	1.82%	±48.4%	YES	6,197	4,648	-0.16%	±43.4%	YES	1.73%	±48.4%	YES
1	Freeways	15181211	US50 - EB	W. of Hazel Ave	3,811	5,543	3,373	5,427	-11.49%	±51.7%	YES	-2.09%	±45.2%	YES	4,486	7,460	17.71%	±51.7%	YES	34.58%	±45.2%	YES	3,911	6,120	2.62%	±51.7%	YES	10.41%	±45.2%	YES
1	Freeways	12101514	US50 - WB	W. of Hazel Ave	4,882	3,773	5,559	4,125	13.87%	±47.3%	YES	9.33%	±51.9%	YES	8,573	4,758	75.60%	±47.3%	NO	26.11%	±51.9%	YES	7,029	4,682	43.98%	±47.3%	YES	24.09%	±51.9%	YES
1	Freeways	15651764	US50 - EB	W. of Prairie City Rd	2,109	3,182	2,070	4,502	-1.85%	±64.1%	YES	41.48%	±55.2%	YES	1,934	4,041	-8.30%	±64.1%	YES	27.00%	±55.2%	YES	1,716	3,499	-18.63%	±64.1%	YES	9.96%	±55.2%	YES
1	Freeways	17691566	US50 - WB	W. of Prairie City Rd	2,015	1,543	4,436	2,915	120.15%	±65.2%	NO	88.92%	±71.8%	NO	5,631	2,311	179.45%	±65.2%	NO	49.77%	±71.8%	YES	4,480	2,363	122.33%	±65.2%	NO	53.14%	±71.8%	YES
1	Freeways	18051806	US50 - EB	E. of Prairie City Rd	2,142	3,680	1,929	3,849	-9.94%	±63.8%	YES	4.59%	±52.4%	YES	2,298	5,059	7.28%	±63.8%	YES	37.47%	±52.4%	YES	2,068	4,085	-3.45%	±63.8%	YES	11.01%	±52.4%	YES
1	Freeways	18021803	US50 - WB	E. of Prairie City Rd	3,371	2,259	4,039	2,331	19.82%	±54.1%	YES	3.19%	±62.6%	YES	5,636	2,534	67.19%	±54.1%	NO	12.17%	±62.6%	YES	4,774	2,462	41.62%	±54.1%	YES	8.99%	±62.6%	YES
1	Freeways	20352036	US50 - EB	W. of Latrobe Rd	2,227	4,353	2,761	4,901	23.98%	±62.9%	YES	12.59%	±49.3%	YES	3,257	6,287	46.25%	±62.9%	YES	44.43%	±49.3%	YES	2,824	5,335	26.81%	±62.9%	YES	22.56%	±49.3%	YES
1	Freeways	20332034	US50 - WB	W. of Latrobe Rd	3,160	2,885	5,232	3,370	65.57%	±55.4%	NO	16.81%	±57.2%	YES	7,556	3,330	139.11%	±55.4%	NO	15.42%	±57.2%	YES	5,988	3,385	89.49%	±55.4%	NO	17.33%	±57.2%	YES
1	Freeways	20262027	US50 - EB	W. of Bass Lake Rd	1,451	3,626	1,947	4,000	34.18%	±73.5%	YES	10.31%	±52.7%	YES	2,263	4,993	55.96%	±73.5%	YES	37.70%	±52.7%	YES	1,965	4,118	35.42%	±73.5%	YES	13.57%	±52.7%	YES
1	Freeways	20232024	US50 - WB	W. of Bass Lake Rd	2,539	2,032	4,344	2,386	71.09%	±60.0%	NO	17.42%	±65.0%	YES	5,971	2,277	135.17%	±60.0%	NO	12.06%	±65.0%	YES	4,665	2,335	83.73%	±60.0%	NO	14.91%	±65.0%	YES
1	Freeways	19951996	US50 - EB	W. of Cameron Park Dr	1,614	3,166	1,726	3,020	6.94%	±70.7%	YES	-4.61%	±55.3%	YES	2,125	3,599	31.66%	±70.7%	YES	13.68%	±55.3%	YES	1,831	3,089	13.44%	±70.7%	YES	-2.43%	±55.3%	YES
1	Freeways	19901991	US50 - WB	W. of Cameron Park Dr	2,269	2,031	3,230	2,138	42.35%	±62.5%	YES	5.27%	±65.0%	YES	4,475	2,108	97.22%	±62.5%	NO	3.79%	±65.0%	YES	3,471	2,085	52.97%	±62.5%	YES	2.66%	±65.0%	YES
1	Freeways	22642265	US50 - EB	W. of Ponderosa Rd	2,016	2,932	1,828	2,932	-9.33%	±65.2%	YES	0.00%	±56.9%	YES	2,235	3,505	10.86%	±65.2%	YES	19.54%	±56.9%	YES	1,870	3,005	-7.24%	±65.2%	YES	2.49%	±56.9%	YES
1	Freeways	22662267	US50 - WB	W. of Ponderosa Rd	2,701	2,645	3,033	1,965	12.29%	±58.6%	YES	-25.71%	±59.1%	YES	4,112	1,981	52.24%	±58.6%	YES	-25.10%	±59.1%	YES	3,184	1,965	17.88%	±58.6%	YES	-25.71%	±59.1%	YES
1	Freeways	19992000	US50 - EB	W. of Shingle Springs Dr	1,570	2,332	1,440	2,338	-8.28%	±71.4%	YES	0.26%	±61.8%	YES	1,641	2,618	4.52%	±71.4%	YES	12.26%	±61.8%	YES	1,425	2,245	-9.24%	±71.4%	YES	-3.73%	±61.8%	YES
1	Freeways	19971998	US50 - WB	W. of Shingle Springs Dr	1,777	1,799	2,385	1,619	34.21%	±68.3%	YES	-10.01%	±67.9%	YES	3,074	1,631	72.99%	±68.3%	NO	-9.34%	±67.9%	YES	2,421	1,593	36.24%	±68.3%	YES	-11.45%	±67.9%	YES
1	Freeways	23872369	US50 - EB	W. of Greenstone Rd	1,442	2,220	1,448	2,284	0.42%	±73.6%	YES	2.88%	±63.0%	YES	1,665	2,601	15.46%	±73.6%	YES	17.16%	±63.0%	YES	1,441	2,232	-0.07%	±73.6%	YES	0.54%	±63.0%	YES
1	Freeways	23852386	US50 - WB	W. of Greenstone Rd	1,707	1,658	2,376	1,627	39.19%	±69.3%	YES	-1.87%	±70.0%	YES	3,062	1,638	79.38%	±69.3%	NO	-1.21%	±70.0%	YES	2,413	1,598	41.36%	±69.3%	YES	-3.62%	±70.0%	YES
1	Freeways	23702371	US50 - EB	E. of Greenstone	1,483	2,159	1,480	2,291	-0.20%	±72.9%	YES	6.11%	±63.6%	YES	1,721	2,611	16.05%	±72.9%	YES	20.94%	±63.6%	YES	1,487	2,251	0.27%	±72.9%	YES	4.26%	±63.6%	YES
1	Freeways	23752376	US50 - WB	E. of Greenstone	1,636	1,655	2,339	1,657	42.97%	±70.3%	YES	0.12%	±70.0%	YES	3,006	1,671	83.74%	±70.3%	NO	0.97%	±70.0%	YES	2,367	1,626	44.68%	±70.3%	YES	-1.75%	±70.0%	YES
1	Freeways	19461947	US50 - EB	W. of Missouri Flat	1,434	2,039	1,501	2,250	4.67%	±73.8%	YES	10.35%	±64.9%	YES	1,744	2,632	21.62%	±73.8%	YES	29.08%	±64.9%	YES	1,508	2,279	5.16%	±73.8%	YES	11.77%	±64.9%	YES
1	Freeways	19441945	US50 - WB	W. of Missouri Flat	1,610	1,628	2,324	1,692	44.35%	±70.7%	YES	3.93%	±70.5%	YES	3,037	1,731	88.63%	±70.7%	NO	6.33%	±70.5%	YES	2,393	1,685	48.63%	±70.7%	YES	3.50%	±70.5%	YES
1	Freeways	25722573	US50 - EB	W. of Placerville Dr	1,110	1,640	1,225	2,039	10.36%	±81.0%	YES	24.33%	±70.3%	YES	1,455	2,404	31.08%	±81.0%	YES	46.59%	±70.3%	YES	1,280	2,098	15.32%	±81.0%	YES	27.93%	±70.3%	YES
1	Freeways	25742575	US50 - WB	W. of Placerville Dr	1,510	1,414	2,012	1,387	33.25%	±72.4%	YES	-1.91%	±74.2%	YES	2,518	1,412	66.75%	±72.4%	YES	-0.14%	±74.2%	YES	2,048	1,429	35.63%	±72.4%	YES	1.06%	±74.2%	YES
3	Major Arterial	22771975	Cameron Park Dr	300 yds S of Hacienda Dr	1,013	1,139	1,149	1,453	13.43%	±83.7%	YES	27.57%	±80.2%	YES	1,638	1,562	61.70%	±83.7%	YES	37.14%	±80.2%	YES	1,353	1,535	33.56%	±83.7%	YES	34.77%	±80.2%	YES
3	Major Arterial	22381983	Cameron Park Dr	200 ft N of Oxford Rd	1,080	1,369	908	1,061	-15.93%	±81.8%	YES	-22.50%	±75.0%	YES	1,230	1,107	13.89%	±81.8%	YES	-19.14%	±75.0%	YES	960	1,111	-11.11%	±81.8%	YES	-18.85%	±75.0%	YES
3	Major Arterial	20922089	El Dorado Hills Bl	200 ft S of Saratoga Wy	2,089	2,246	2,852	3,276	36.52%	±64.4%	YES	45.86%	±62.7%	YES	4,222	3,759	102.11%	±64.4%	NO	67.36%	±62.7%	NO	3,413	3,584	63.38%	±64.4%	YES	59.57%	±62.7%	YES
3	Major Arterial	19891988	El Dorado Hills Bl	100 ft S of Wilson Bl	1,862	1,747	1,586	1,773	-14.82%	±67.1%	YES	1.49%	±68.7%	YES	2,417	1,984	29.81%	±67.1%	YES	13.57%	±68.7%	YES	1,919	1,896	3.06%	±67.1%	YES	8.53%	±68.7%	YES
3	Major Arterial	21991989	El Dorado Hills Bl	100 ft S of Olson Ln	1,834	1,748	1,406	1,538	-23.34%	±67.5%	YES	-12.01%	±68.7%	YES	2,053	1,656	11.94%	±67.5%	YES	-5.26%	±68.7%	YES	1,623	1,579	-11.50%	±67.5%	YES	-9.67%	±68.7%	YES
3	Major Arterial	22022199	El Dorado Hills Bl	10 ft N of Olson Ln	1,787	1,565	1,406	1,538	-21.32%	±68.1%	YES	-1.73%	±71.5%	YES	2,053	1,656	14.89%	±68.1%	YES	5.81%	±71.5%	YES	1,623	1,579	-9.18%	±68.1%	YES	0.89%	±71.5%	YES
3	Major Arterial	31282169	El Dorado Hills Bl	100 ft N of Harvard Wy	1,036	1,192	1,217	1,389	17.47%	±83.0%	YES	16.53%	±78.9%	YES	1,793	1,338	73.07%	±83.0%	YES	12.25%	±78.9%	YES	1,359	1,328	31.18%	±83.0%	YES	11.41%	±78.9%	YES
3	Major Arterial	21872159	El Dorado Hills Bl	300 ft S of Francisco Dr	939	1,141	993	1,158	5.75%	±86.0%	YES	1.49%	±80.2%	YES	1,367	992	45.58%	±86.0%	YES	-13.06%	±80.2%	YES	1,015	1,010	8.09%	±86.0%	YES	-11.48%	±80.2%	YES
3	Major Arterial	21842161	El Dorado Hills Bl	100 ft S of Green Vly Rd	309	356	436	476	41.10%	±128.8%	YES	33.71%	±122.3%	YES	596	373	92.88%	±128.8%	YES	4.78%	±122.3%	YES	410	368	32.69%	±128.8%	YES	3.37%	±122.3%	YES
3	Major Arterial	21902185	Francisco Dr	200 ft S of Green Valley Rd	933	1,015	686	843	-26.47%	±86.2%	YES	-16.95%	±83.6%	YES	957	817	2.57%	±86.2%	YES	-19.51%	±83.6%	YES	719	845	-22.94%	±86.2%	YES	-16.75%	±83.6%	YES
3	Major Arterial	21822179	Green Valley Rd	200 ft W of Mormon Island Dr	1,844	2,031	1,966	2,068	6.62%	±67.3%	YES	1.82%	±65.0%	YES	2,666	2,409	44.58%	±67.3%	YES	18.61%	±65.0%	YES	2,134	2,278	15.73%	±67.3%	YES	12.16%	±65.0%	YES
3	Major Arterial	21822176	Green Valley Rd	200 ft E of Mormon Island Dr	1,838	2,006	1,966	2,068	6.96%	±67.4%	YES	3.09%	±65.3%	YES	2,666	2,409	45.05%	±67.4%	YES	20.09%	±65.3%	YES	2,134	2,278	16.10%	±67.4%	YES	13.56%	±65.3%	YES
3	Major Arterial	21892185	Green Valley Rd	200 ft E of Francisco Dr	926	1,312	1,378	1,377	48.81%	±86.5%	YES	4.95%	±76.2%	YES	1,889	1,597	104.00%	±86.5%	NO	21.72%	±76.2%	YES	1,473	1,523	59.07%	±86.5%	YES	16.08%	±76.2%	YES
3	Major Arterial	20852078	Latrobe Rd	300 ft N of White Rock Rd	1,673	1,914	2,535	2,738	51.52%	±69.8%	YES	43.05%	±66.4%	YES	3,804	3,500	127.38%	±69.8%	NO	82.86%	±66.4%	NO	3,077	3,233	83.92%	±69.8%	NO	68.91%	±66.4%	NO
3	Major Arterial	26202618	Missouri Flat Rd	100 ft N of SR 49	1,023	1,181	840	971	-17.89%	±83.4%	YES	-17.78%	±79.2%	YES	1,625	1,511	58.85%	±83.4%	YES	27.94%	±79.2%	YES	1,323	1,500	29.33%	±83.4%	YES	27.01%	±79.2%	YES
3	Major Arterial	26722570	Missouri Flat Rd	100 ft S of China Garden Rd	1,214	1,577	1,014	1,185	-16.47%	±78.4%	YES	-24.86%	±71.3%	YES	1,803	1,693	48.52%	±78.4%	YES	7.36%	±71.3%	YES	1,455	1,657	19.85%	±78.4%	YES	5.07%	±71.3%	YES
3	Major Arterial	26702668	Missouri Flat Rd	S of Forni Rd	1,449	1,827	1,244	1,507	-14.15%	±73.5%	YES	-17.52%	±67.6%	YES	1,781	1,689	22.91%	±73.5%	YES	-7.55%	±67.6%	YES	1,385	1,576	-4.42%	±73.5%	YES	-13.74%	±67.6%	YES
3	Major Arterial	26682644	Missouri Flat Rd	400 yds N of Forni Rd	1,940	2,636	1,523	1,899	-21.49%	±66.1%	YES	-27.96%	±59.2%	YES	2,139	2,025	10.26%	±66.1%	YES	-23.18%	±59.2%	YES	1,662	1,901	-14.33%	±66.1%	YES	-27.88%	±59.2%	YES
3	Major Arterial	26562654	Missouri Flat Rd	100 ft S of Plaza Dr	871	1,933	783	1,084	-10.10%	±88.4%	YES	-43.92%	±66.2%	YES	1,049	1,108	20.44%	±88.4%	YES	-42.68%	±66.2%	YES	850	1,109	-2.41%	±88.4%	YES	-42.63%	±66.2%	YES
3	Major Arterial	26562655	Missouri Flat Rd	100 ft N of Plaza Dr	406	654	783	1084	92.86%	±116.6%	YES	65.75%	±98.1%	YES	1,049	1,108	158.37%	±116.6%	NO	69.42%	±98.1%	YES	850	1,109	109.36%	±116.6%	YES	69.57%	±98.1%	YES
3	Major Arterial	26271927	Missouri Flat Rd	300 ft S of El Dorado Rd	428	792	506	706	18.22%	±114.4%	YES	-10.86%	±91.5%	YES	634	604	48.13%	±114.4%	YES	-23.74%	±91.5%	YES	504	610	17.76%	±114.4%	YES	-22.98%	±91.5%	YES
3	Major Arterial	19681965	North Shingle Rd	400 yds E of Ponderosa Rd	501	531	651	680	29.94%	±108.1%	YES	28.06%	±105.8%	YES	965	788	92.61%	±108.1%	YES	48.40%	±105.8%	YES	725	721	44.71%	±108.1%	YES	35.78%	±105.8%	YES
3	Major Arterial	23532352	North Shingle Rd	100 ft S of Green Valley Rd	384	391	461	472	20.05%	±119.0%	YES	20.72%	±118.2%	YES	704	529	83.33%	±119.0%	YES	35.29%	±118.2%	YES	513	473	33.59%	±119.0%	YES	20.97%	±118.2%	YES
3	Major Arterial	22982294	South Shingle Rd	100 ft S of Mother Lode Dr	670	1,010	1,001	1,226	49.40%	±97.2%	YES	21.39%	±83.8%	YES	1,398	1,302	108.66%	±97.2%	NO	28.91%	±83.8%	YES	1,098	1,310	63.88%	±97.2%	YES	29.70%	±83.8%	YES
4	Minor Arterial	22822279	Cameron Park Dr	100 ft N of Robin Ln	362	767	1099	1464	203.59%	±121.6%	NO	90.87%	±92.6%	YES	1,182	1,387	226.52%	±121.6%	NO	80.83%	±92.6%	YES	985	1,346	172.10%	±121.6%	NO	75.49%	±92.6%	YES
4	Minor Arterial	22731970	Cameron Park Dr	100 ft N of Coach Ln	939	1,992	1,542	2,068	64.22%	±86.0%	YES	3.82%	±65.5%	YES	1,674	2,040	78.27%	±86.0%	YES	2.41%	±65.5%	YES	1,418	1,985	51.01%	±86.0%	YES	-0.35%	±65.5%	YES
4	Minor Arterial	22462237	Cameron Park Dr	200 yds N of Mira Loma Dr	922	1,146	775	866	-15.94%	±86.6%	YES	-24.43%	±80.0%	YES	944	913	2.39%	±86.6%	YES	-20.33%	±80.0%	YES	750	914	-18.66%	±86.6%	YES	-20.24%	±80.0%	YES
4	Minor Arterial	22312220	Cameron Park Dr	200 yds S of Green Valley Rd	683	805	808	864	18.30%	±96.6%	YES	7.33%	±91.0%	YES	981	909	43.63%	±96.6%	YES	12.92%	±91.0%	YES	783	907	14.64%	±96.6%	YES	12.67%	±91.0%	YES
4	Minor Arterial	21312129	Country Club Dr	0.1 mi E of Merrychase Dr	351	226	624	466	77.78%	±123.0%	YES	106.19%	±144.3%	YES	650	471	85.19%	±123.0%	YES	108.41%	±144.3%	YES	496	461	41.31%	±123.0%	YES	103.98%	±144.3%	YES
4	Minor Arterial	22822276	Durock Rd	50 ft S of Robin Ln	255	558	766	982	200.39%	±138.1%	NO	75.99%	±103.9%	YES	782	894	206.67%	±138.1%	NO	60.22%	±103.9%	YES	644	863	152.55%	±138.1%	NO	54.66%	±103.9%	YES
4	Minor Arterial	22842277	Palmer Dr	100 ft E of Cameron Park Dr	256	816	534	701	108.59%	±137.9%	YES	-14.09%	±90.5%	YES	622	709	142.97%	±137.9%	NO	-13.11%	±90.5%	YES	519	701	102.73%	±137.9%	YES	-14.09%	±90.5%	YES
4	Minor Arterial	21952006	Serrano Pkwy	450 ft E of Silva Valley Pkwy	1,075	864	1195	1074	11.16%	±81.9%	YES	24.31%	±88.7%	YES	1,239	918	15.26%	±81.9%	YES	6.25%	±88.7%	YES	960	922	-10.70%	±81.9%	YES	6.71%	±88.7%	YES
4	Minor Arterial	20062005	Silva Valley Pkwy	100 ft S of Serrano Pkwy	850	599	665	734	-21.76%	±89.2%	YES	22.54%	±101.3%	YES	324	318	-61.88%	±89.2%	YES	-46.91%	±101.3%	YES	228	290	-73.18%	±89.2%	YES	-51.59%	±101.3%	YES
4	Minor Arterial	31272006	Silva Valley Pkwy	100 ft N of Serrano Pkwy	1,272	899	568	639	-55.35%	±77.1%	YES	-28.92%	±87.4%	YES	600	403	-52.83%	±77.1%	YES	-55.17%	±87.4%	YES	416	430	-67.30%	±77.1%	YES	-52.17%	±87.4%	YES
4	Minor Arterial	22032197	Silva Valley Pkwy	100 ft S of Harvard Wy	1,045	856	573	627	-45.17%	±82.8%	YES	-26.75%	±89.0%	YES	615	350	-41.15%	±82.8%	YES	-59.11%	±89.0%	YES	408	407	-60.96%	±82.8%	YES	-52.45%	±89.0%	YES
4	Minor Arterial	21972196	Silva Valley Pkwy	100 ft N of Harvard Wy	788	625	568	570	-27.92%	±91.7%	YES	-8.80%	±99.7%	YES	632	454	-19.80%	±91.7%	YES	-27.36%	±99.7%	YES	481	460	-38.96%	±91.7%	YES	-26.40%	±99.7%	YES
4	Minor Arterial	22072162	Silva Valley Pkwy	100 ft S of Green Valley Rd	585	515	596	618	1.88%	±102.1%	YES	20.00%	±107.0%	YES	724	507	23.76%	±102.1%	YES	-1.55%	±107.0%	YES	535	556	-8.55%	±102.1%	YES	7.96%	±107.0%	YES
4	Minor Arterial	21722171	Sophia Pkwy	200 ft S of Green Valley Rd	367	499	735	750	100.27%	±121.0%	YES	50.30%	±108.2%	YES	536	439	46.05%	±121.0%	YES	-12.02%	±108.2%	YES	406	434	10.63%	±121.0%	YES	-13.03%	±108.2%	YES
4	Minor Arterial	20882085	White Rock Rd	100 ft E of Latrobe Rd	615	1,286	1,146	1,209	86.34%	±100.3%	YES	-5.99%	±76.8%	YES	1,080	1,000	75.61%	±100.3%	YES	-22.24%	±76.8%	YES	834	999	35.61%	±100.3%	YES	-22.32%	±76.8%	YES
5	Collector	28822856	Barkley Rd	50 ft N of Carson Rd	64	78	210	245	228.13%	±228.0%	NO	214.10%	±212.2%	NO	232	232	262.50%	±228.0%	NO	197.44%	±212.2%	YES	186	234	190.63%	±228.0%	YES	200.00%	±212.2%	YES
5	Collector	27392738	Bedford Av	At City Limits	34	44	60	59	76.47%	±286.8%	YES	34.09%	±261.2%	YES	71	57	108.82%	±286.8%	YES	29.55%	±261.2%	YES	52	56	52.94%	±286.8%	YES	27.27%	±261.2%	YES
5	Collector	25572511	Big Cut Rd	100 ft N of Pleasant Vly Rd	70	75	55	68	-21.43%	±220.7%	YES	-9.33%	±215.3%	YES	57	52	-18.57%	±220.7%	YES	-30.67%	±215.3%	YES	42	50	-40.00%	±220.7%	YES	-33.33%	±215.3%	YES
5	Collector	27622452	Bucks Bar Rd	50 ft S of Pleasant Vly Rd	384	372	497	466	29.43%	±119.0%	YES	25.27%	±120.4%	YES	609	491	58.59%	±119.0%	YES	31.99%	±120.4%	YES	437	434	13.80%	±119.0%	YES	16.67%	±120.4%	YES
5	Collector	28112805	Bucks Bar Rd	300 ft N of Mt Aukum Rd	296	283	449	422	51.69%	±130.8%	YES	49.12%	±132.9%	YES	550	436	85.81%	±130.8%	YES	54.06%	±132.9%	YES	394	393	33.11%	±130.8%	YES	38.87%	±132.9%	YES
5	Collector	26232930	China Garden Rd	150 ft N of SR 49	57	80	38	58	-33.33%	±237.8%	YES	-27.50%	±210.3%	YES	32	39	-43.86%	±237.8%	YES	-51.25%	±210.3%	YES	26	40	-54.39%	±237.8%	YES	-50.00%	±210.3%	YES
5	Collector	26722671	China Garden Rd	200 yds E of Missouri Flat Rd	180	327	476	567	164.44%	±156.7%	NO	73.39%	±126.2%	YES	180	179	0.00%	±156.7%	YES	-45.26%	±126.2%	YES	85	102	-52.78%	±156.7%	YES	-68.81%	±126.2%	YES
5	Collector	24042403	El Dorado Rd	200 yds N of Pleasant Vly Rd	214	251	132	196	-38.32%	±147.1%	YES	-21.91%	±138.9%	YES	108	113	-49.53%	±147.1%	YES	-54.98%	±138.9%	YES	84	115	-60.75%	±147.1%	YES	-54.18%	±138.9%	YES
5	Collector	26132597	Enterprise Dr	100 ft E of Forni Rd	196	288	33	51	-83.16%	±151.9%	YES	-82.29%	±132.1%	YES	37	31	-81.12%	±151.9%	YES	-89.24%	±132.1%	YES	27	31	-86.22%	±151.9%	YES	-89.24%	±132.1%	YES
5	Collector	28092477	Fairplay Rd	100 ft S of Mt Aukum Rd	129	162	216	210	67.44%	±176.8%	YES	29.63%	±162.8%	YES	260	208	101.55%	±176.8%	YES	28.40%	±162.8%	YES	187	191	44.96%	±176.8%	YES	17.90%	±162.8%	YES
5	Collector	31023087	Forebay Rd	100 ft N of Pony Express Tr	121	167	256	266	111.57%	±181.0%	YES	59.28%	±161.0%	YES	292	254	141.32%	±181.0%	YES	52.10%	±161.0%	YES	228	255	88.43%	±181.0%	YES	52.69%	±161.0%	YES
5	Collector	26002599	Forni Rd	200 ft N of SR 49	336	334	23	58	-93.15%	±124.9%	YES	-82.63%	±125.2%	YES	24	19	-92.86%	±124.9%	YES	-94.31%	±125.2%	YES	17	20	-94.94%	±124.9%	YES	-94.01%	±125.2%	YES

					Validated 2010 - V2 (using pk hr factor by facility type)												Method C - SACMET PA-OD conversion factors												Method B - AM1 factor (0.37) and PM1 factor (0.34)											
									AM1				PM1				AM1				PM1				AM1				PM1			
CAPCLASS	TYPE	A&B	NAME	Location	ACTUAL AM PK HR	ACTUAL PM PK HR	V2 AM PK HR	V2 PM PK HR	Percent Error	NCHRP 255 Tolerance	PASS	Percent Error	NCHRP 255 Tolerance	PASS	Method C AM1	Method C PM1	Percent Error	NCHRP 255 Tolerance	PASS	Percent Error	NCHRP 255 Tolerance	PASS	Method B AM1	Method B PM1	Percent Error	NCHRP 255 Tolerance	PASS	Percent Error	NCHRP 255 Tolerance	PASS
5	Collector	26682667	Forni Rd	300 ft W of Missouri Flat Rd	502	783	368	411	-26.69%	±108.0%	YES	-47.51%	±91.9%	YES	413	401	-17.73%	±108.0%	YES	-48.79%	±91.9%	YES	325	400	-35.26%	±108.0%	YES	-48.91%	±91.9%	YES
5	Collector	26342625	Forni Rd	30 ft W of Arroyo Vista Wy	94	148	112	134	19.15%	±198.3%	YES	-9.46%	±168.2%	YES	127	132	35.11%	±198.3%	YES	-10.81%	±168.2%	YES	101	135	7.45%	±198.3%	YES	-8.78%	±168.2%	YES
5	Collector	27042588	Forni Rd	W of P-ville Dr @ City Limits	60	121	130	172	116.67%	±233.4%	YES	42.15%	±181.0%	YES	7	10	-88.33%	±233.4%	YES	-91.74%	±181.0%	YES	5	10	-91.67%	±233.4%	YES	-91.74%	±181.0%	YES
5	Collector	22892255	French Creek Rd	300 ft S of Mother Lode Dr	200	225	281	270	40.50%	±150.8%	YES	20.00%	±144.5%	YES	327	279	63.50%	±150.8%	YES	24.00%	±144.5%	YES	260	275	30.00%	±150.8%	YES	22.22%	±144.5%	YES
5	Collector	30233022	Garden Valley Rd	300 ft N of SR 193	41	41	87	84	112.20%	±268.0%	YES	104.88%	±268.0%	YES	100	88	143.90%	±268.0%	YES	114.63%	±268.0%	YES	78	81	90.24%	±268.0%	YES	97.56%	±268.0%	YES
5	Collector	29922990	Garden Valley Rd	0.45 mi S of Marshall Rd	140	116	72	62	-48.57%	±171.6%	YES	-46.55%	±183.8%	YES	94	51	-32.86%	±171.6%	YES	-56.03%	±183.8%	YES	64	59	-54.29%	±171.6%	YES	-49.14%	±183.8%	YES
5	Collector	29932991	Greenwood Rd	100 ft W of Marshall Rd	79	110	116	111	46.84%	±211.2%	YES	0.91%	±187.3%	YES	141	107	78.48%	±211.2%	YES	-2.73%	±187.3%	YES	100	99	26.58%	±211.2%	YES	-10.00%	±187.3%	YES
5	Collector	29742973	Greenwood Rd	0.03 mi S of SR 193	62	84	7	7	-88.71%	±230.7%	YES	-91.67%	±206.6%	YES	8	6	-87.10%	±230.7%	YES	-92.86%	±206.6%	YES	6	6	-90.32%	±230.7%	YES	-92.86%	±206.6%	YES
5	Collector	22012169	Harvard Wy	0.15 mi E of El Dorado Hills Bl	925	733	800	741	-13.51%	±86.5%	YES	1.09%	±94.1%	YES	981	787	6.05%	±86.5%	YES	7.37%	±94.1%	YES	791	790	-14.49%	±86.5%	YES	7.78%	±94.1%	YES
5	Collector	21972194	Harvard Wy	200 ft W of Silva Valley Pkwy	824	558	577	553	-29.98%	±90.2%	YES	-0.90%	±103.9%	YES	671	486	-18.57%	±90.2%	YES	-12.90%	±103.9%	YES	537	503	-34.83%	±90.2%	YES	-9.86%	±103.9%	YES
5	Collector	26222583	Lime Kiln Rd	100 ft E of China Garden Rd	46	130	470	553	921.74%	±257.0%	NO	325.38%	±176.3%	NO	158	134	243.48%	±257.0%	YES	3.08%	±176.3%	YES	64	52	39.13%	±257.0%	YES	-60.00%	±176.3%	YES
5	Collector	22382009	Meder Rd	300 ft E of Cameron Park Dr	115	207	486	437	322.61%	±184.3%	NO	111.11%	±148.9%	YES	612	385	432.17%	±184.3%	NO	85.99%	±148.9%	YES	436	416	279.13%	±184.3%	NO	100.97%	±148.9%	YES
5	Collector	23462336	Meder Rd	200 yds W of Ponderosa Rd	590	480	309	319	-47.63%	±101.8%	YES	-33.54%	±109.8%	YES	370	289	-37.29%	±101.8%	YES	-39.79%	±109.8%	YES	271	302	-54.07%	±101.8%	YES	-37.08%	±109.8%	YES
5	Collector	27772773	Mosquito Rd	300 ft S of Union Ridge Rd	493	403	206	197	-58.22%	±108.7%	YES	-51.12%	±116.9%	YES	244	195	-50.51%	±108.7%	YES	-51.61%	±116.9%	YES	181	185	-63.29%	±108.7%	YES	-54.09%	±116.9%	YES
5	Collector	27672765	Mosquito Rd	At American River Br	151	134	145	131	-3.97%	±167.0%	YES	-2.24%	±174.4%	YES	173	133	14.57%	±167.0%	YES	-0.75%	±174.4%	YES	128	125	-15.23%	±167.0%	YES	-6.72%	±174.4%	YES
5	Collector	28432831	Newtown Rd	200 yds N of Pleasant Vly Rd	95	79	284	264	198.95%	±197.6%	NO	234.18%	±211.2%	NO	396	298	316.84%	±197.6%	NO	277.22%	±211.2%	NO	289	280	204.21%	±197.6%	NO	254.43%	±211.2%	NO
5	Collector	27552753	Oak Hill Rd	300 ft S of Pleasant Vly Rd	247	242	123	120	-50.20%	±139.7%	YES	-50.41%	±140.7%	YES	145	112	-41.30%	±139.7%	YES	-53.72%	±140.7%	YES	107	111	-56.68%	±139.7%	YES	-54.13%	±140.7%	YES
5	Collector	26022595	Patterson Dr	200 ft S of Pleasant Vly Rd	134	149	461	458	244.03%	±174.4%	NO	207.38%	±167.8%	NO	540	421	302.99%	±174.4%	NO	182.55%	±167.8%	NO	409	437	205.22%	±174.4%	NO	193.29%	±167.8%	NO
5	Collector	23462345	Ponderosa Rd	100 ft N of Meder Rd	267	352	105	86	-60.67%	±135.8%	YES	-75.57%	±122.8%	YES	146	69	-45.32%	±135.8%	YES	-80.40%	±122.8%	YES	92	81	-65.54%	±135.8%	YES	-76.99%	±122.8%	YES
5	Collector	23562351	Ponderosa Rd	100 ft S of Green Valley Rd	134	132	107	85	-20.15%	±174.4%	YES	-35.61%	±175.3%	YES	155	64	15.67%	±174.4%	YES	-51.52%	±175.3%	YES	95	79	-29.10%	±174.4%	YES	-40.15%	±175.3%	YES
5	Collector	27212509	Rock Creek Rd	100 ft E of SR 193	105	100	1	1	-99.05%	±190.5%	YES	-99.00%	±193.9%	YES	1	1	-99.05%	±190.5%	YES	-99.00%	±193.9%	YES	1	1	-99.05%	±190.5%	YES	-99.00%	±193.9%	YES
5	Collector	28132812	Sand Ridge Rd	100 ft W of Bucks Bar Rd	10	22	101	99	910.00%	±447.2%	NO	350.00%	±335.9%	NO	121	101	1110.00%	±447.2%	NO	359.09%	±335.9%	NO	91	94	810.00%	±447.2%	NO	327.27%	±335.9%	YES
5	Collector	20061972	Serrano Pkwy	250 ft W of Silva Valley Pkwy	103	101	891	774	765.05%	±191.9%	NO	666.34%	±193.2%	NO	1,112	747	979.61%	±191.9%	NO	639.60%	±193.2%	NO	817	727	693.20%	±191.9%	NO	619.80%	±193.2%	NO
5	Collector	29712969	Sliger Mine Rd	50 ft N of SR 193	774	586	62	58	-91.99%	±92.3%	YES	-90.10%	±102.1%	YES	76	55	-90.18%	±92.3%	YES	-90.61%	±102.1%	YES	55	54	-92.89%	±92.3%	NO	-90.78%	±102.1%	YES
5	Collector	28502840	Snows Rd	400 ft N of Newtown Rd	48	67	129	126	168.75%	±253.1%	YES	88.06%	±224.3%	YES	155	121	222.92%	±253.1%	YES	80.60%	±224.3%	YES	112	117	133.33%	±253.1%	YES	74.63%	±224.3%	YES
5	Collector	29012852	Snows Rd	200 ft S of Carson Rd	75	81	157	152	109.33%	±215.3%	YES	87.65%	±209.3%	YES	189	150	152.00%	±215.3%	YES	85.19%	±209.3%	YES	135	139	80.00%	±215.3%	YES	71.60%	±209.3%	YES
5	Collector	21091980	South Shingle Rd	0.5 mi E of Latrobe Rd	283	243	228	239	-19.43%	±132.9%	YES	-1.65%	±140.5%	YES	230	211	-18.73%	±132.9%	YES	-13.17%	±140.5%	YES	182	205	-35.69%	±132.9%	YES	-15.64%	±140.5%	YES
5	Collector	22712270	South Shingle Rd	100 ft N of Barnett Ranch Rd	130	62	299	330	130.00%	±176.3%	YES	432.26%	±230.7%	NO	319	288	145.38%	±176.3%	YES	364.52%	±230.7%	NO	248	291	90.77%	±176.3%	YES	369.35%	±230.7%	NO
5	Collector	22222220	Starbuck Rd	110 ft N of Green Valley Rd	193	217	123	131	-36.27%	±152.8%	YES	-39.63%	±146.4%	YES	143	120	-25.91%	±152.8%	YES	-44.70%	±146.4%	YES	108	125	-44.04%	±152.8%	YES	-42.40%	±146.4%	YES
5	Collector	27692768	Union Ridge Rd	100 ft W of Hassler Rd	91	147	32	33	-64.84%	±200.7%	YES	-77.55%	±168.6%	YES	38	30	-58.24%	±200.7%	YES	-79.59%	±168.6%	YES	27	30	-70.33%	±200.7%	YES	-79.59%	±168.6%	YES
5	Collector	30473016	Wentworth Springs Rd	100 ft W of Quintette Rd	22	46	46	42	109.09%	±335.9%	YES	-8.70%	±257.0%	YES	53	42	140.91%	±335.9%	YES	-8.70%	±257.0%	YES	41	39	86.36%	±335.9%	YES	-15.22%	±257.0%	YES
5	Collector	20792077	White Rock Rd	100 ft S of Silva Valley Pkwy	33	58	790	833	2293.94%	±290.0%	NO	1336.21%	±236.3%	NO	386	388	1069.70%	±290.0%	NO	568.97%	±236.3%	NO	283	358	757.58%	±290.0%	NO	517.24%	±236.3%	NO
5	Collector	30613060	Icehouse Rd	300 ft N of US 50	157	168	9	10	-94.27%	±164.6%	YES	-94.05%	±160.6%	YES	15	9	-90.45%	±164.6%	YES	-94.64%	±160.6%	YES	10	9	-93.63%	±164.6%	YES	-94.64%	±160.6%	YES
24	Rural Arterial	21192021	Bass Lake Rd	400 yd N of Country Club Dr	688	815	735	793	6.83%	±96.3%	YES	-2.70%	±90.6%	YES	1,149	964	67.01%	±96.3%	YES	18.28%	±90.6%	YES	914	878	32.85%	±96.3%	YES	7.73%	±90.6%	YES
24	Rural Arterial	22402221	Bass Lake Rd	100 yd S of Green Vly Rd	928	765	748	760	-19.40%	±86.4%	YES	-0.65%	±92.7%	YES	888	694	-4.31%	±86.4%	YES	-9.28%	±92.7%	YES	685	690	-26.19%	±86.4%	YES	-9.80%	±92.7%	YES
24	Rural Arterial	29641014	Bassi Rd	200 ft W of Lotus Rd	507	450	41	51	-91.91%	±107.6%	YES	-88.67%	±112.4%	YES	50	47	-90.14%	±107.6%	YES	-89.56%	±112.4%	YES	41	50	-91.91%	±107.6%	YES	-88.89%	±112.4%	YES
24	Rural Arterial	25122505	Broadway	At City Limits	51	67	444	481	770.59%	±247.6%	NO	617.91%	±224.3%	NO	488	462	856.86%	±247.6%	NO	589.55%	±224.3%	NO	387	430	658.82%	±247.6%	NO	541.79%	±224.3%	NO
24	Rural Arterial	21342133	Cambridge Rd	At US 50 OC	317	347	248	589	-21.77%	±127.6%	YES	69.74%	±123.5%	YES	326	624	2.84%	±127.6%	YES	79.83%	±123.5%	YES	271	566	-14.51%	±127.6%	YES	63.11%	±123.5%	YES
24	Rural Arterial	21262125	Cambridge Rd	300 ft S of Country Club Dr.	619	782	648	831	4.68%	±100.1%	YES	6.27%	±91.9%	YES	845	843	36.51%	±100.1%	YES	7.80%	±91.9%	YES	680	804	9.85%	±100.1%	YES	2.81%	±91.9%	YES
24	Rural Arterial	21392125	Cambridge Rd	100 ft N of Country Club Dr	578	623	640	650	10.73%	±102.6%	YES	4.33%	±99.8%	YES	615	667	6.40%	±102.6%	YES	7.06%	±99.8%	YES	490	597	-15.22%	±102.6%	YES	-4.17%	±99.8%	YES
24	Rural Arterial	22422236	Cambridge Rd	300 yds N of Oxford Rd	520	615	520	567	0.00%	±106.6%	YES	-7.80%	±100.3%	YES	650	562	25.00%	±106.6%	YES	-8.62%	±100.3%	YES	513	561	-1.35%	±106.6%	YES	-8.78%	±100.3%	YES
24	Rural Arterial	22412215	Cambridge Rd	300 ft S of Green Valley Rd	317	419	533	592	68.14%	±127.6%	YES	41.29%	±115.3%	YES	665	536	109.78%	±127.6%	YES	27.92%	±115.3%	YES	517	566	63.09%	±127.6%	YES	35.08%	±115.3%	YES
24	Rural Arterial	27762774	Carson Rd	0.6 Mi E of City Limits	345	414	146	171	-57.68%	±123.7%	YES	-58.70%	±115.8%	YES	182	160	-47.25%	±123.7%	YES	-61.35%	±115.8%	YES	134	157	-61.16%	±123.7%	YES	-62.08%	±115.8%	YES
24	Rural Arterial	28752870	Carson Rd	300 yds E of Gatlin Rd	102	170	63	69	-38.24%	±192.5%	YES	-59.41%	±160.0%	YES	89	64	-12.75%	±192.5%	YES	-62.35%	±160.0%	YES	62	68	-39.22%	±192.5%	YES	-60.00%	±160.0%	YES
24	Rural Arterial	28672864	Carson Rd	At Carson Ct	64	131	30	52	-53.13%	±228.0%	YES	-60.31%	±175.8%	YES	40	50	-37.50%	±228.0%	YES	-61.83%	±175.8%	YES	30	51	-53.13%	±228.0%	YES	-61.07%	±175.8%	YES
24	Rural Arterial	28842856	Carson Rd	100 ft W of Barkley Rd	64	175	386	459	503.13%	±228.0%	NO	162.29%	±158.3%	NO	502	463	684.38%	±228.0%	NO	164.57%	±158.3%	NO	387	445	504.69%	±228.0%	NO	154.29%	±158.3%	YES
24	Rural Arterial	28962892	Carson Rd	100 ft E of Ponderosa Wy	162	275	44	49	-72.84%	±162.8%	YES	-82.18%	±134.3%	YES	58	59	-64.20%	±162.8%	YES	-78.55%	±134.3%	YES	48	55	-70.37%	±162.8%	YES	-80.00%	±134.3%	YES
24	Rural Arterial	27522749	Cedar Ravine Rd	0.1 Mi N of Pleasant Vly Rd	117	207	215	230	83.76%	±183.2%	YES	11.11%	±148.9%	YES	230	191	96.58%	±183.2%	YES	-7.73%	±148.9%	YES	174	176	48.72%	±183.2%	YES	-14.98%	±148.9%	YES
24	Rural Arterial	27592544	Cedar Ravine Rd	0.25 Mi S of Country Club Dr	170	168	244	274	43.53%	±160.0%	YES	63.10%	±160.6%	YES	254	234	49.41%	±160.0%	YES	39.29%	±160.6%	YES	197	212	15.88%	±160.0%	YES	26.19%	±160.6%	YES
24	Rural Arterial	27312730	Cold Springs Rd	At City Limits	189	218	359	451	89.95%	±153.9%	YES	106.88%	±146.2%	YES	440	384	132.80%	±153.9%	YES	76.15%	±146.2%	YES	337	373	78.31%	±153.9%	YES	71.10%	±146.2%	YES
24	Rural Arterial	24412440	Cold Springs Rd	300 yds S of Gold Hill Rd	189	279	193	261	2.12%	±153.9%	YES	-6.45%	±133.6%	YES	212	214	12.17%	±153.9%	YES	-23.30%	±133.6%	YES	168	197	-11.11%	±153.9%	YES	-29.39%	±133.6%	YES
24	Rural Arterial	24472445	Cold Springs Rd	100 ft S of SR 153	194	213	171	222	-11.86%	±152.5%	YES	4.23%	±147.4%	YES	207	187	6.70%	±152.5%	YES	-12.21%	±147.4%	YES	160	178	-17.53%	±152.5%	YES	-16.43%	±147.4%	YES
24	Rural Arterial	21112021	Country Club Dr	0.4 mi E of Bass Lake Rd	123	133	713	602	479.67%	±179.9%	NO	352.63%	±174.9%	NO	801	625	551.22%	±179.9%	NO	369.92%	±174.9%	NO	622	598	405.69%	±179.9%	NO	349.62%	±174.9%	NO
24	Rural Arterial	21282124	Country Club Dr	0.15 mi W of Knollwood Dr	441	343	352	313	-20.18%	±113.2%	YES	-8.75%	±124.0%	YES	307	293	-30.39%	±113.2%	YES	-14.58%	±124.0%	YES	248	308	-43.76%	±113.2%	YES	-10.20%	±124.0%	YES
24	Rural Arterial	21362125	Country Club Dr	300 yds E of Cambridge Rd	480	311	354	403	-26.25%	±109.8%	YES	29.58%	±128.5%	YES	349	395	-27.29%	±109.8%	YES	27.01%	±128.5%	YES	293	360	-38.96%	±109.8%	YES	15.76%	±128.5%	YES
24	Rural Arterial	22832278	Country Club Dr	0.2 mi W of Cameron Park Dr	238	247	355	429	49.16%	±141.6%	YES	73.68%	±139.7%	YES	351	427	47.48%	±141.6%	YES	72.87%	±139.7%	YES	297	401	24.79%	±141.6%	YES	62.35%	±139.7%	YES
24	Rural Arterial	22982297	Durock Rd	50 ft W of S Shingle Rd	225	330	758	932	236.89%	±144.5%	NO	182.42%	±125.7%	NO	936	1,011	316.00%	±144.5%	NO	206.36%	±125.7%	NO	752	975	234.22%	±144.5%	NO	195.45%	±125.7%	NO
24	Rural Arterial	24261910	El Dorado Rd	0.2 mi S of US 50	228	557	412	549	80.70%	±143.8%	YES	-1.44%	±104.0%	YES	481	487	110.96%	±143.8%	YES	-12.57%	±104.0%	YES	380	469	66.67%	±143.8%	YES	-15.80%	±104.0%	YES
24	Rural Arterial	24282425	El Dorado Rd	0.11 N of US 50	341	501	269	397	-21.11%	±124.2%	YES	-20.76%	±108.1%	YES	252	240	-26.10%	±124.2%	YES	-52.10%	±108.1%	YES	199	235	-41.64%	±124.2%	YES	-53.09%	±108.1%	YES
24	Rural Arterial	19391927	El Dorado Rd	50 ft N of Missouri Flat Rd	120	200	364	523	203.33%	±181.5%	NO	161.50%	±150.8%	NO	412	382	243.33%	±181.5%	NO	91.00%	±150.8%	YES	317	386	164.17%	±181.5%	YES	93.00%	±150.8%	YES
24	Rural Arterial	21852177	Francisco Dr	200 ft N of Green Valley Rd	114	259	1,105	1,200	869.30%	±184.9%	NO	363.32%	±137.3%	NO	1,455	1,248	1176.32%	±184.9%	NO	381.85%	±137.3%	NO	1,158	1,241	915.79%	±184.9%	NO	379.15%	±137.3%	NO
24	Rural Arterial	21922191	Francisco Dr	100 ft S of Sheffield Dr	889	1,076	98	101	-88.98%	±87.8%	NO	-90.61%	±81.9%	NO	152	120	-82.90%	±87.8%	YES	-88.85%	±81.9%	NO	120	120	-86.50%	±87.8%	YES	-88.85%	±81.9%	NO
24	Rural Arterial	21932192	Francisco Dr	300 yds N of Sheffield Dr	136	159	98	101	-27.94%	±173.4%	YES	-36.48%	±163.9%	YES	152	120	11.76%	±173.4%	YES	-24.53%	±163.9%	YES	120	120	-11.76%	±173.4%	YES	-24.53%	±163.9%	YES
24	Rural Arterial	23602324	Gold Hill Rd	100 ft E of Lotus Rd	48	61	150	174	212.50%	±253.1%	YES	185.25%	±232.0%	YES	186	180	287.50%	±253.1%	NO	195.08%	±232.0%	YES	149	169	210.42%	±253.1%	YES	177.05%	±232.0%	YES
24	Rural Arterial	24432440	Gold Hill Rd	200 ft W of Cold Springs Rd	225	138	136	166	-39.56%	±144.5%	YES	20.29%	±172.5%	YES	169	166	-24.89%	±144.5%	YES	20.29%	±172.5%	YES	135	159	-40.00%	±144.5%	YES	15.22%	±172.5%	YES
24	Rural Arterial	24382437	Gold Hill Rd	100 yds E of Cold Springs Rd	222	148	50	60	-77.48%	±145.2%	YES	-59.46%	±168.2%	YES	71	69	-68.02%	±145.2%	YES	-53.38%	±168.2%	YES	61	69	-72.52%	±145.2%	YES	-53.38%	±168.2%	YES
24	Rural Arterial	21711046	Green Valley Rd	200 ft W of Sophia Pkwy	54	38	1,653	1,652	2961.11%	±242.5%	NO	4247.37%	±275.5%	NO	2,992	2,748	5440.74%	±242.5%	NO	7131.58%	±275.5%	NO	2,447	2,601	4431.48%	±242.5%	NO	6744.74%	±275.5%	NO
24	Rural Arterial	21812180	Green Valley Rd	200 ft E of Sophia Pkwy	1,725	1,766	2,035	2,084	17.97%	±69.0%	YES	18.01%	±68.4%	YES	2,681	2,427	55.42%	±69.0%	YES	37.43%	±68.4%	YES	2,148	2,295	24.52%	±69.0%	YES	29.95%	±68.4%	YES
24	Rural Arterial	21622161	Green Valley Rd	300 ft W of Silva Valley Pkwy	1,732	2,010	1,383	1,462	-20.15%	±68.9%	YES	-27.26%	±65.3%	YES	1,891	1,533	9.18%	±68.9%	YES	-23.73%	±65.3%	YES	1,444	1,521	-16.63%	±68.9%	YES	-24.33%	±65.3%	YES
24	Rural Arterial	22212214	Green Valley Rd	200 ft W of Bass Lake Rd	971	1,080	938	978	-3.40%	±85.0%	YES	-9.44%	±81.8%	YES	1,243	1,025	28.01%	±85.0%	YES	-5.09%	±81.8%	YES	941	995	-3.09%	±85.0%	YES	-7.87%	±81.8%	YES
24	Rural Arterial	22212215	Green Valley Rd	300 ft W of Cameron Park Dr	1,195	812	1429	1499	19.58%	±78.8%	YES	84.61%	±90.7%	YES	1,773	1,514	48.37%	±78.8%	YES	86.45%	±90.7%	YES	1,373	1,455	14.90%	±78.8%	YES	79.19%	±90.7%	YES
24	Rural Arterial	22502218	Green Valley Rd	300 ft E of La Crescenta Dr	925	930	769	769	-16.86%	±86.5%	YES	-17.31%	±86.3%	YES	997	665	7.78%	±86.5%	YES	-28.49%	±86.3%	YES	701	664	-24.22%	±86.5%	YES	-28.60%	±86.3%	YES
24	Rural Arterial	23412334	Green Valley Rd	500 ft E of Deer Valley Rd (E)	453	627	613	646	35.32%	±112.1%	YES	3.03%	±99.6%	YES	741	558	63.58%	±112.1%	YES	-11.00%	±99.6%	YES	535	537	18.10%	±112.1%	YES	-14.35%	±99.6%	YES
24	Rural Arterial	23592350	Green Valley Rd	300 ft W of Lotus Rd	363	420	903	964	148.76%	±121.5%	NO	129.52%	±115.2%	NO	1,160	959	219.56%	±121.5%	NO	128.33%	±115.2%	NO	865	861	138.29%	±121.5%	NO	105.00%	±115.2%	YES
24	Rural Arterial	24012399	Green Valley Rd	100 ft W of Greenstone Rd	570	558	408	503	-28.42%	±103.1%	YES	-9.86%	±103.9%	YES	459	404	-19.47%	±103.1%	YES	-27.60%	±103.9%	YES	350	386	-38.60%	±103.1%	YES	-30.82%	±103.9%	YES
24	Rural Arterial	24232422	Green Valley Rd	400 ft W of Campus Dr	265	344	420	498	58.49%	±136.2%	YES	44.77%	±123.9%	YES	521	449	96.60%	±136.2%	YES	30.52%	±123.9%	YES	404	443	52.45%	±136.2%	YES	28.78%	±123.9%	YES
24	Rural Arterial	24232420	Green Valley Rd	200 ft W of Missouri Flat Rd	258	419	420	498	62.79%	±137.5%	YES	18.85%	±115.3%	YES	521	449	101.94%	±137.5%	YES	7.16%	±115.3%	YES	404	443	56.59%	±137.5%	YES	5.73%	±115.3%	YES
24	Rural Arterial	19301929	Green Valley Rd	100 ft W of Weber Creek Br	352	759	542	744	53.98%	±122.8%	YES	-1.98%	±92.9%	YES	618	589	75.57%	±122.8%	YES	-22.40%	±92.9%	YES	486	585	38.07%	±122.8%	YES	-22.92%	±92.9%	YES
24	Rural Arterial	23952383	Greenstone Rd	300 ft N of Mother Lode Dr	207	263	66	83	-68.12%	±148.9%	YES	-68.44%	±136.5%	YES	92	79	-55.56%	±148.9%	YES	-69.96%	±136.5%	YES	68	79	-67.15%	±148.9%	YES	-69.96%	±136.5%	YES

								Validated 2010 - V2 (using pk hr factor by facility type)									Method C - SACMET PA-OD conversion factors								Method B - AM1 factor (0.37) and PM1 factor (0.34)						
									AM1			PM1					AM1			PM1					AM1			PM1			
CAPCLASS	TYPE	A&B	NAME	Location	ACTUAL AM PK HR	ACTUAL PM PK HR	V2 AM PK HR	V2 PM PK HR	Percent Error	NCHRP 255 Tolerance	PASS	Percent Error	NCHRP 255 Tolerance	PASS	Method C AM1	Method C PM1	Percent Error	NCHRP 255 Tolerance	PASS	Percent Error	NCHRP 255 Tolerance	PASS	Method B AM1	Method B PM1	Percent Error	NCHRP 255 Tolerance	PASS	Percent Error	NCHRP 255 Tolerance	PASS	
24	Rural Arterial	23972368	Greenstone Rd	0.20 mi N of US 50	84	106	334	408	297.62%	±206.6%	NO	284.91%	±189.9%	NO	398	373	373.81%	±206.6%	NO	251.89%	±189.9%	NO	303	353	260.71%	±206.6%	NO	233.02%	±189.9%	NO	
24	Rural Arterial	28062805	Grizzly Flat Rd	200 yds E of Mt Aukum Rd	207	194	163	181	-21.26%	±148.9%	YES	-6.70%	±152.5%	YES	217	185	4.83%	±148.9%	YES	-4.64%	±152.5%	YES	163	174	-21.26%	±148.9%	YES	-10.31%	±152.5%	YES	
24	Rural Arterial	21662160	Lake Hills Dr	100 ft N of Salmon Falls Rd	251	239	171	168	-31.87%	±138.9%	YES	-29.71%	±141.4%	YES	217	134	-13.55%	±138.9%	YES	-43.93%	±141.4%	YES	153	146	-39.04%	±138.9%	YES	-38.91%	±141.4%	YES	
24	Rural Arterial	19631962	Latrobe Rd	250 ft N of County Line	213	276	478	541	124.41%	±147.4%	YES	96.01%	±134.2%	YES	650	622	205.16%	±147.4%	NO	125.36%	±134.2%	YES	548	598	157.28%	±147.4%	NO	116.67%	±134.2%	YES	
24	Rural Arterial	21081980	Latrobe Rd	1.5 mi N of S Shingle Rd	240	276	508	547	111.67%	±141.1%	YES	98.19%	±134.2%	YES	685	634	185.42%	±141.1%	NO	129.71%	±134.2%	YES	569	593	137.08%	±141.1%	YES	114.86%	±134.2%	YES	
24	Rural Arterial	19641963	Latrobe Rd	At Deer Creek Bridge	317	356	478	541	50.79%	±127.6%	YES	51.97%	±122.3%	YES	650	622	105.05%	±127.6%	YES	74.72%	±122.3%	YES	548	598	72.87%	±127.6%	YES	67.98%	±122.3%	YES	
24	Rural Arterial	20722025	Latrobe Rd	100 ft S of Investment Bl	381	418	617	668	61.94%	±119.3%	YES	59.81%	±115.4%	YES	829	760	117.59%	±119.3%	YES	81.82%	±115.4%	YES	679	711	78.22%	±119.3%	YES	70.10%	±115.4%	YES	
24	Rural Arterial	20732072	Latrobe Rd	100 ft N of Investment Bl	654	603	541	581	-17.28%	±98.1%	YES	-3.65%	±101.0%	YES	734	663	12.23%	±98.1%	YES	9.95%	±101.0%	YES	602	626	-7.95%	±98.1%	YES	3.81%	±101.0%	YES	
24	Rural Arterial	20422041	Latrobe Rd	100 ft N of Golden Foothill Pw	1,457	1,590	1,426	1,603	-2.13%	±73.4%	YES	0.82%	±71.1%	YES	1,967	1,950	35.00%	±73.4%	YES	22.64%	±71.1%	YES	1,609	1,784	10.43%	±73.4%	YES	12.20%	±71.1%	YES	
24	Rural Arterial	23572350	Lotus Rd	300 ft N of Green Valley Rd	470	493	823	864	75.11%	±110.6%	YES	75.25%	±108.7%	YES	1,049	883	123.19%	±110.6%	NO	79.11%	±108.7%	YES	789	791	67.87%	±110.6%	YES	60.45%	±108.7%	YES	
24	Rural Arterial	23602314	Lotus Rd	300 ft S of Thompson Hill Rd	306	359	507	533	65.69%	±129.2%	YES	48.47%	±122.0%	YES	651	528	112.75%	±129.2%	YES	47.08%	±122.0%	YES	470	466	53.59%	±129.2%	YES	29.81%	±122.0%	YES	
24	Rural Arterial	29872984	Lotus Rd	0.25 mi S of SR 49	264	380	481	526	82.20%	±136.3%	YES	38.42%	±119.5%	YES	605	515	129.17%	±136.3%	YES	35.53%	±119.5%	YES	449	465	70.08%	±136.3%	YES	22.37%	±119.5%	YES	
24	Rural Arterial	23622360	Luneman Rd	100 ft W of Lotus Rd	272	154	230	245	-15.44%	±134.9%	YES	59.09%	±165.8%	YES	290	255	6.62%	±134.9%	YES	65.58%	±165.8%	YES	233	242	-14.34%	±134.9%	YES	57.14%	±165.8%	YES	
24	Rural Arterial	29852968	Marshall Rd	200 yds E of SR 49	263	228	271	292	3.04%	±136.5%	YES	28.07%	±143.8%	YES	369	298	40.30%	±136.5%	YES	30.70%	±143.8%	YES	267	264	1.52%	±136.5%	YES	15.79%	±143.8%	YES	
24	Rural Arterial	29942992	Marshall Rd	300 ft E of Garden Valley Rd	430	296	375	391	-12.79%	±114.2%	YES	32.09%	±130.8%	YES	529	392	23.02%	±114.2%	YES	32.43%	±130.8%	YES	369	362	-14.19%	±114.2%	YES	22.30%	±130.8%	YES	
24	Rural Arterial	30353034	Marshall Rd	300 yds S of Lower Main St	37	48	246	250	564.86%	±278.2%	NO	420.83%	±253.1%	NO	350	250	845.95%	±278.2%	NO	420.83%	±253.1%	NO	243	233	556.76%	±278.2%	NO	385.42%	±253.1%	NO	
24	Rural Arterial	19271926	Missouri Flat Rd	300 ft N of El Dorado Rd	376	624	339	413	-9.84%	±119.9%	YES	-33.81%	±99.8%	YES	410	383	9.04%	±119.9%	YES	-38.62%	±99.8%	YES	331	379	-11.97%	±119.9%	YES	-39.26%	±99.8%	YES	
24	Rural Arterial	30773075	Mormon Emigrant Tr	100 ft E of Sly Park Rd	38	94	166	173	336.84%	±275.5%	NO	84.04%	±198.3%	YES	220	175	478.95%	±275.5%	NO	86.17%	±198.3%	YES	165	168	334.21%	±275.5%	NO	78.72%	±198.3%	YES	
24	Rural Arterial	25402539	Mosquito Rd	At City Limits	268	274	458	511	70.90%	±135.6%	YES	86.50%	±134.5%	YES	606	527	126.12%	±135.6%	YES	92.34%	±134.5%	YES	471	507	75.75%	±135.6%	YES	85.04%	±134.5%	YES	
24	Rural Arterial	23002287	Mother Lode Dr	200 ft W of Sunset Ln	783	1,102	1,270	1,373	62.20%	±91.9%	YES	24.59%	±81.2%	YES	1,731	1,437	121.07%	±91.9%	NO	30.40%	±81.2%	YES	1,289	1,392	64.62%	±91.9%	YES	26.32%	±81.2%	YES	
24	Rural Arterial	24122408	Mother Lode Dr	400 yds W of Pleasant Valley Rd	571	738	817	871	43.08%	±103.0%	YES	18.02%	±93.9%	YES	1,081	840	89.32%	±103.0%	YES	13.82%	±93.9%	YES	781	815	36.78%	±103.0%	YES	10.43%	±93.9%	YES	
24	Rural Arterial	24122409	Mother Lode Dr	0.43 mi E of Pleasant Valley Rd	192	323	171	224	-10.94%	±153.0%	YES	-30.65%	±126.7%	YES	201	211	4.69%	±153.0%	YES	-34.67%	±126.7%	YES	162	211	-15.63%	±153.0%	YES	-34.67%	±126.7%	YES	
24	Rural Arterial	1922668	Mt Aukum Rd	0.25 mi N of County Line	124	132	22	32	-82.26%	±179.4%	YES	-75.76%	±175.3%	YES	28	27	-77.42%	±179.4%	YES	-79.55%	±175.3%	YES	22	31	-82.26%	±179.4%	YES	-76.52%	±175.3%	YES	
24	Rural Arterial	28082805	Mt Aukum Rd	300 ft S of Bucks Bar Rd	255	291	362	395	41.96%	±138.1%	YES	35.74%	±131.6%	YES	487	409	90.98%	±138.1%	YES	40.55%	±131.6%	YES	357	371	40.00%	±138.1%	YES	27.49%	±131.6%	YES	
24	Rural Arterial	28472846	Mt Aukum Rd	300 ft S of Pleasant Vly Rd	150	237	273	329	82.00%	±167.4%	YES	38.82%	±141.8%	YES	348	321	132.00%	±167.4%	YES	35.44%	±141.8%	YES	267	307	78.00%	±167.4%	YES	29.54%	±141.8%	YES	
24	Rural Arterial	29832980	Mt Murphy Rd	50 ft S of Marshall Rd	85	97	204	214	140.00%	±205.7%	YES	120.62%	±196.1%	YES	274	228	222.35%	±205.7%	NO	135.05%	±196.1%	YES	202	208	137.65%	±205.7%	YES	114.43%	±196.1%	YES	
24	Rural Arterial	29881010	Mt Murphy Rd	200 yds N of SR 49	20	24	308	344	1440.00%	±347.8%	NO	1333.33%	±325.5%	NO	400	359	1900.00%	±347.8%	NO	1395.83%	±325.5%	NO	307	337	1435.00%	±347.8%	NO	1304.17%	±325.5%	NO	
24	Rural Arterial	24632455	Newtown Rd	200 yds N of Pioneer Hill Rd	201	216	316	330	57.21%	±150.5%	YES	52.78%	±146.6%	YES	331	307	64.68%	±150.5%	YES	42.13%	±146.6%	YES	259	282	28.86%	±150.5%	YES	30.56%	±146.6%	YES	
24	Rural Arterial	25472546	Newtown Rd	100 ft E of Broadway	264	321	378	401	43.18%	±136.3%	YES	24.92%	±127.0%	YES	407	380	54.17%	±136.3%	YES	18.38%	±127.0%	YES	321	351	21.59%	±136.3%	YES	9.35%	±127.0%	YES	
24	Rural Arterial	20082007	Old Frenchtown Rd	400 yds S of Mother Lode Dr	74	104	148	164	100.00%	±216.3%	YES	57.69%	±191.2%	YES	192	153	159.46%	±216.3%	YES	47.12%	±191.2%	YES	146	156	97.30%	±216.3%	YES	50.00%	±191.2%	YES	
24	Rural Arterial	25002478	Omo Ranch Rd	100 ft E of Mt Aukum Rd	39	67	57	62	46.15%	±272.9%	YES	-7.46%	±224.3%	YES	77	60	97.44%	±272.9%	YES	-10.45%	±224.3%	YES	57	60	46.15%	±272.9%	YES	-10.45%	±224.3%	YES	
24	Rural Arterial	22442233	Oxford Rd	50 ft E of Salida Wy	294	367	471	519	60.20%	±131.1%	YES	41.42%	±121.0%	YES	394	453	34.01%	±131.1%	YES	23.43%	±121.0%	YES	304	451	3.40%	±131.1%	YES	22.89%	±121.0%	YES	
24	Rural Arterial	24122405	Pleasant Valley Rd	200 yds E of Mother Lode Dr	442	561	646	647	46.15%	±113.1%	YES	15.33%	±103.7%	YES	880	629	99.10%	±113.1%	YES	12.12%	±103.7%	YES	619	604	40.05%	±113.1%	YES	7.66%	±103.7%	YES	
24	Rural Arterial	26782579	Pleasant Valley Rd	200 yds E of SR 49 (E)	992	1,192	1,281	1,396	29.13%	±84.3%	YES	17.11%	±78.9%	YES	1,842	1,551	85.69%	±84.3%	NO	30.12%	±78.9%	YES	1,386	1,454	39.72%	±84.3%	YES	21.98%	±78.9%	YES	
24	Rural Arterial	27532506	Pleasant Valley Rd	300 ft W of Oak Hill Rd	855	859	829	884	-3.04%	±89.0%	YES	2.91%	±88.9%	YES	1,259	1,039	47.25%	±89.0%	YES	20.95%	±88.9%	YES	934	941	9.24%	±89.0%	YES	9.55%	±88.9%	YES	
24	Rural Arterial	27632749	Pleasant Valley Rd	100 ft E of Cedar Ravine Rd	773	768	801	857	3.62%	±92.3%	YES	11.59%	±92.5%	YES	1,158	961	49.81%	±92.3%	YES	25.13%	±92.5%	YES	856	857	10.74%	±92.3%	YES	11.59%	±92.5%	YES	
24	Rural Arterial	24612457	Pleasant Valley Rd	0.10 mi E of Bucks Bar Rd	420	430	386	427	-8.10%	±115.2%	YES	-0.70%	±114.2%	YES	582	489	38.57%	±115.2%	YES	13.72%	±114.2%	YES	441	445	5.00%	±115.2%	YES	3.49%	±114.2%	YES	
24	Rural Arterial	28432839	Pleasant Valley Rd	0.40 mi E of Newtown Rd	406	448	392	414	-3.45%	±116.6%	YES	-7.59%	±112.5%	YES	530	417	30.54%	±116.6%	YES	-6.92%	±112.5%	YES	387	390	-4.68%	±116.6%	YES	-12.95%	±112.5%	YES	
24	Rural Arterial	19841968	Ponderosa Rd	300 ft N of Wild Chaparral Dr	679	596	399	462	-41.24%	±96.8%	YES	-22.48%	±101.5%	YES	547	450	-19.44%	±96.8%	YES	-24.50%	±101.5%	YES	401	456	-40.94%	±96.8%	YES	-23.49%	±101.5%	YES	
24	Rural Arterial	29042896	Pony Express Tr	200 yds E of Carson Rd	171	234	406	322	137.43%	±159.6%	YES	37.61%	±142.4%	YES	548	308	220.47%	±159.6%	NO	31.62%	±142.4%	YES	408	312	138.60%	±159.6%	YES	33.33%	±142.4%	YES	
24	Rural Arterial	29182917	Pony Express Tr	300 ft E of Gilmore Rd	213	396	362	450	69.95%	±147.4%	YES	13.64%	±117.7%	YES	457	464	114.55%	±147.4%	YES	17.17%	±117.7%	YES	368	446	72.77%	±147.4%	YES	12.63%	±117.7%	YES	
24	Rural Arterial	31043102	Pony Express Tr	300 ft W of Forebay Rd	194	489	338	388	74.23%	±152.5%	YES	-20.65%	±109.0%	YES	422	368	117.53%	±152.5%	YES	-24.74%	±109.0%	YES	345	386	77.84%	±152.5%	YES	-21.06%	±109.0%	YES	
24	Rural Arterial	21632161	Salmon Falls Rd	50 ft S of Malcolm-Dixon Rd	564	553	1047	1028	85.64%	±103.5%	YES	85.90%	±104.3%	YES	1,455	1,045	157.98%	±103.5%	NO	88.97%	±104.3%	YES	1,063	1,030	88.48%	±103.5%	YES	86.26%	±104.3%	YES	
24	Rural Arterial	21502149	Salmon Falls Rd	At New York Creek Bridge	198	179	607	534	206.57%	±151.3%	NO	198.32%	±157.0%	NO	882	559	345.45%	±151.3%	NO	212.29%	±157.0%	NO	620	529	213.13%	±151.3%	NO	195.53%	±157.0%	NO	
24	Rural Arterial	29482943	Salmon Falls Rd	400 yds S of Pedro Hill Rd	115	128	400	347	247.83%	±184.3%	NO	171.09%	±177.3%	YES	571	382	396.52%	±184.3%	NO	198.44%	±177.3%	NO	412	347	258.26%	±184.3%	NO	171.09%	±177.3%	YES	
24	Rural Arterial	29472946	Salmon Falls Rd	200 yds S of Rattlesnake Bar Rd	24	43	400	347	1566.67%	±325.5%	NO	706.98%	±263.4%	NO	571	382	2279.17%	±325.5%	NO	788.37%	±263.4%	NO	412	347	1616.67%	±325.5%	NO	706.98%	±263.4%	NO	
24	Rural Arterial	24961935	Sand Ridge Rd	300 ft E of SR 49	50	38	87	87	74.00%	±249.4%	YES	128.95%	±275.5%	YES	130	76	160.00%	±249.4%	YES	100.00%	±275.5%	YES	84	80	68.00%	±249.4%	YES	110.53%	±275.5%	YES	
24	Rural Arterial	22292152	Serrano Pkwy	300 ft W of Bass Lake Rd	369	339	667	664	80.76%	±120.7%	YES	95.87%	±124.5%	YES	571	416	54.74%	±120.7%	YES	22.71%	±124.5%	YES	437	460	18.43%	±120.7%	YES	35.69%	±124.5%	YES	
24	Rural Arterial	23182317	Shingle Springs Dr	0.20 mi S of US 50	150	397	113	135	-24.67%	±167.4%	YES	-65.99%	±117.6%	YES	146	130	-2.67%	±167.4%	YES	-67.25%	±117.6%	YES	114	128	-24.00%	±167.4%	YES	-67.76%	±117.6%	YES	
24	Rural Arterial	28462823	Sly Park Rd	0.35 mi E of Mt Aukum Rd	241	253	251	262	4.15%	±140.9%	YES	3.56%	±138.5%	YES	343	259	42.32%	±140.9%	YES	2.37%	±138.5%	YES	251	256	4.15%	±140.9%	YES	1.19%	±138.5%	YES	
24	Rural Arterial	30783077	Sly Park Rd	1.62 mi W of Mormon Emigrant Tr	149	178	249	272	67.11%	±167.8%	YES	52.81%	±157.3%	YES	318	273	113.42%	±167.8%	YES	53.37%	±157.3%	YES	248	265	66.44%	±167.8%	YES	48.88%	±157.3%	YES	
24	Rural Arterial	30773073	Sly Park Rd	0.35 mi E of Mormon Emigrant Tr	257	324	391	422	52.14%	±137.7%	YES	30.25%	±126.6%	YES	503	426	95.72%	±137.7%	YES	31.48%	±126.6%	YES	390	410	51.75%	±137.7%	YES	26.54%	±126.6%	YES	
24	Rural Arterial	31073094	Sly Park Rd	100 ft S of Gold Ridge Tr (N)	306	297	525	561	71.57%	±129.2%	YES	88.89%	±130.6%	YES	684	571	123.53%	±129.2%	YES	92.26%	±130.6%	YES	525	546	71.57%	±129.2%	YES	83.84%	±130.6%	YES	
24	Rural Arterial	31033101	Sly Park Rd	100 ft S of Pony Express Tr	432	662	493	556	14.12%	±114.0%	YES	-16.01%	±97.7%	YES	621	546	43.75%	±114.0%	YES	-17.52%	±97.7%	YES	500	548	15.74%	±114.0%	YES	-17.22%	±97.7%	YES	
24	Rural Arterial	22902288	South Shingle Rd	100 ft S of Sunset Ln	417	509	370	447	-11.27%	±115.5%	YES	-12.18%	±107.4%	YES	455	403	9.11%	±115.5%	YES	-20.83%	±107.4%	YES	352	406	-15.59%	±115.5%	YES	-20.24%	±107.4%	YES	
24	Rural Arterial	26042603	Union Mine Rd	200 yds S of SR 49	286	142	185	136	-35.31%	±132.4%	YES	-4.23%	±170.8%	YES	336	94	17.48%	±132.4%	YES	-33.80%	±170.8%	YES	188	133	-34.27%	±132.4%	YES	-6.34%	±170.8%	YES	
24	Rural Arterial	30293028	Wentworth Springs Rd	0.7 mi E of Main St	159	222	117	129	-26.42%	±163.9%	YES	-41.89%	±145.2%	YES	163	134	2.52%	±163.9%	YES	-39.64%	±145.2%	YES	119	124	-25.16%	±163.9%	YES	-44.14%	±145.2%	YES	
24	Rural Arterial	20382037	White Rock Rd	At County Line	533	780	939	989	76.17%	±105.7%	YES	26.79%	±92.0%	YES	613	528	15.01%	±105.7%	YES	-32.31%	±92.0%	YES	458	457	-14.07%	±105.7%	YES	-41.41%	±92.0%	YES	
24	Rural Arterial	20872086	White Rock Rd	100 ft W of Latrobe Rd	625	947	1,116	1,157	78.56%	±99.7%	YES	22.18%	±85.8%	YES	1,106	897	76.96%	±99.7%	YES	-5.28%	±85.8%	YES	878	895	40.48%	±99.7%	YES	-5.49%	±85.8%	YES	
					160,332	**186,104**	**187,016**	**201,811**	**16.64%**	**±11.7%**	**NO**	**8.44%**	**±11.1%**	**YES**	**242,258**	**214,571**	**51.10%**	**±11.7%**	**NO**	**15.30%**	**±11.1%**	**NO**	**193,123**	**201,318**	**20.45%**	**±11.7%**	**NO**	**8.17%**	**±11.1%**	**YES**	
										YES	187	86%	YES	194	89%			YES	168	77%	YES	195	90%			YES	189	87%	YES	200	92%
										NO	30	14%	NO	23	11%			NO	49	23%	NO	22	10%			NO	28	13%	NO	17	8%
											217			217					217			217					217			217	