

Draft TDM Results - Scenario 1 Summary

**Historical Growth Rate with Historical Distribution (approximately 62% within Community Regions and approximately 38% in Rural Centers/Regions)
Summary of Potential Improvements Needed if Improvements identified in the 2013 Capital Improvements Program are not constructed**

ROAD NAME	SEGMENT	Gen. Plan Max LOS	Road Classification	Community Region (CR), Rural Center (RC), Rural Region (RR)	Year 2035		Potential Improvements Needed ⁵	Rough Estimated Cost of Improvements (in millions) ⁶	Comment	
					WKDY AM PK HR	WKDY PM PK HR				
					LOS (Using HCM2010)	LOS (Using HCM2010)				
LOCAL ROADS										
GREEN VALLEY ROAD	County Line to Francisco Dr	E	2A	CR	F	F	4AD - 4 lane divided	\$0.0	To be constructed by City of Folsom	
	Francisco Dr to Salmon Falls Rd	E	2A	CR	F	F	4AD - 4 lane divided	\$3.4		
WHITE ROCK ROAD	County Line to Manchester Dr.	E	2A	CR	D	F	4AD - 4 lane divided	\$19.1		
	Latrobe Rd to Silva Valley Pkwy	E	2A	CR	D	F	4AD - 4 lane divided	\$3.3		
U.S. 50										
EB	Silva Valley Parkway to Bass Lake Road	D	2FA	RR	B	E	Truck Climbing Lane with possible Interchange Work	\$10.2	Cost only includes the Truck Climbing Lane, not potential interchange work	
EB	Bass Lake To Cambridge	D/E	2FA	RR	D	F	Auxiliary Lane	\$15.30		
SR 49										
S.R. 49	Missouri Flat Rd to Pleasant Valley Rd	E	2A	CR	F	F	4AD - 4 lane divided	\$5.3	Not needed with construction of Diamond Springs Parkway'	
TOTAL								\$56.6	M	

Notes:

- Existing TIM Fee projects which have reimbursement agreements, in construction, completed is approximately \$325M. Some of the projects listed above, or portions thereof may be a part of the \$325M.
- The Historical Growth Rate is 1.03% Based on BAE Urban Economics Report as shown in Attachment I.
- Distribution is 62/38 (approximately 62% within Community Regions and approximately 38% in Rural Centers/Regions).
- Scenario 1 includes the Regional Housing Needs Allocation (RHNA)
- This Draft information is a result of preliminary TDM runs; it is being provided simply to allow for a comparison of potential outcomes relative to the growth forecast scenarios. Significant additional analysis is required to determine detailed roadway infrastructure needs and associated costs for the Major Five Year Capital Improvement Program (CIP) and Traffic Impact Mitigation (TIM) Fee updates.
- The draft estimated costs shown are very rough ballpark estimates. These estimates were created using the methodology used for the 2004 General Plan TIM Fee update, with lane-mile costs updated to reflect costs used in the County's 2013 CIP for projects in the 10- and 20-year CIP. These ballpark estimates do not take into account project-level details that are unknown at this time, including but not limited to: damages as a result of right-of-way acquisition (e.g. required purchase/displacement of homes, businesses, drainage or utility structures), the requirement of additional drainage facilities, retaining walls, etc. This draft information is being provided simply to allow for a comparison of potential outcomes relative to the growth forecast scenarios. Significant additional analysis is required to determine detailed roadway infrastructure needs and associated costs for the Major Five Year Capital Improvement Program (CIP) and Traffic Impact Mitigation (TIM) Fee updates.

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Summary of Potential Improvements Needed if Improvements identified in the 2013 Capital Improvements Program are Constructed**

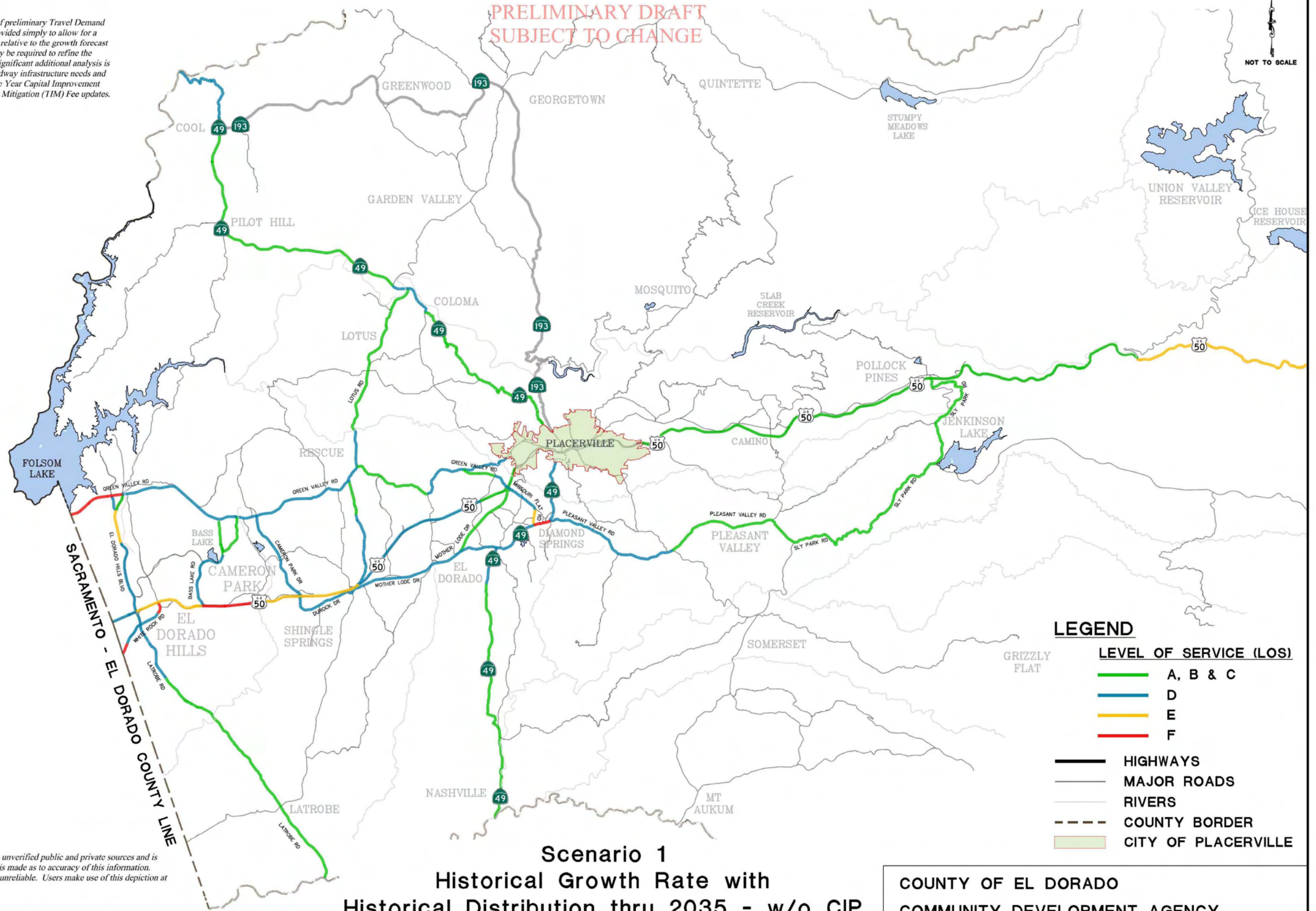
ROAD NAME	SEGMENT	Gen. Plan Max LOS	Road Classification	Community Region (CR), Rural Center (RC), Rural Region (RR)	Year 2035		Potential Improvements Needed ⁵	Rough Estimated Cost of Improvements (in millions) ⁶	Comment
					WKDY AM PK HR	WKDY PM PK HR			
					LOS (Using HCM2010)	LOS (Using HCM2010)			
LOCAL ROADS									
CAMERON PARK DRIVE	Oxford Rd to Green Valley Rd	E	2A	CR	E	F	4AU - 4 lane undivided	\$12.8	
SUNCAST LANE EXTENSION (LATROBE CONNECTION)	White Rock Rd to Latrobe Rd	E	2A	CR	F	F	4AU - 4 lane undivided	\$29.30	Increase from 2 lane to 4 lane from 2013 CIP description
SR 49									
S.R. 49	Missouri Flat Rd to Pleasant Valley Rd	E	2A	CR	F	F	4AD - 4 lane divided	\$5.1	New CIP Project

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DISCLAIMER:

This draft information is a result of preliminary Travel Demand Model (TDM) runs; it is being provided simply to allow for a comparison of potential outcomes relative to the growth forecast scenarios. Additional analysis may be required to refine the Level of Service (LOS) results. Significant additional analysis is required to determine detailed roadway infrastructure needs and associated costs for the Major Five Year Capital Improvement Program (CIP) and Traffic Impact Mitigation (TIM) Fee updates.

PRELIMINARY DRAFT
SUBJECT TO CHANGE



NOT TO SCALE

DISCLAIMER:

This depiction was compiled from unverified public and private sources and is illustrative only. No presentation is made as to accuracy of this information. Parcel boundaries are particularly unreliable. Users make use of this depiction at their own risk.

NOTES:

1. Layer information may cover additional areas outside of the displayed area.
2. This scenario includes Regional Housing Needs Allocation (RHNA).

**Scenario 1
Historical Growth Rate with
Historical Distribution thru 2035 - w/o CIP
FEBRUARY 2014**

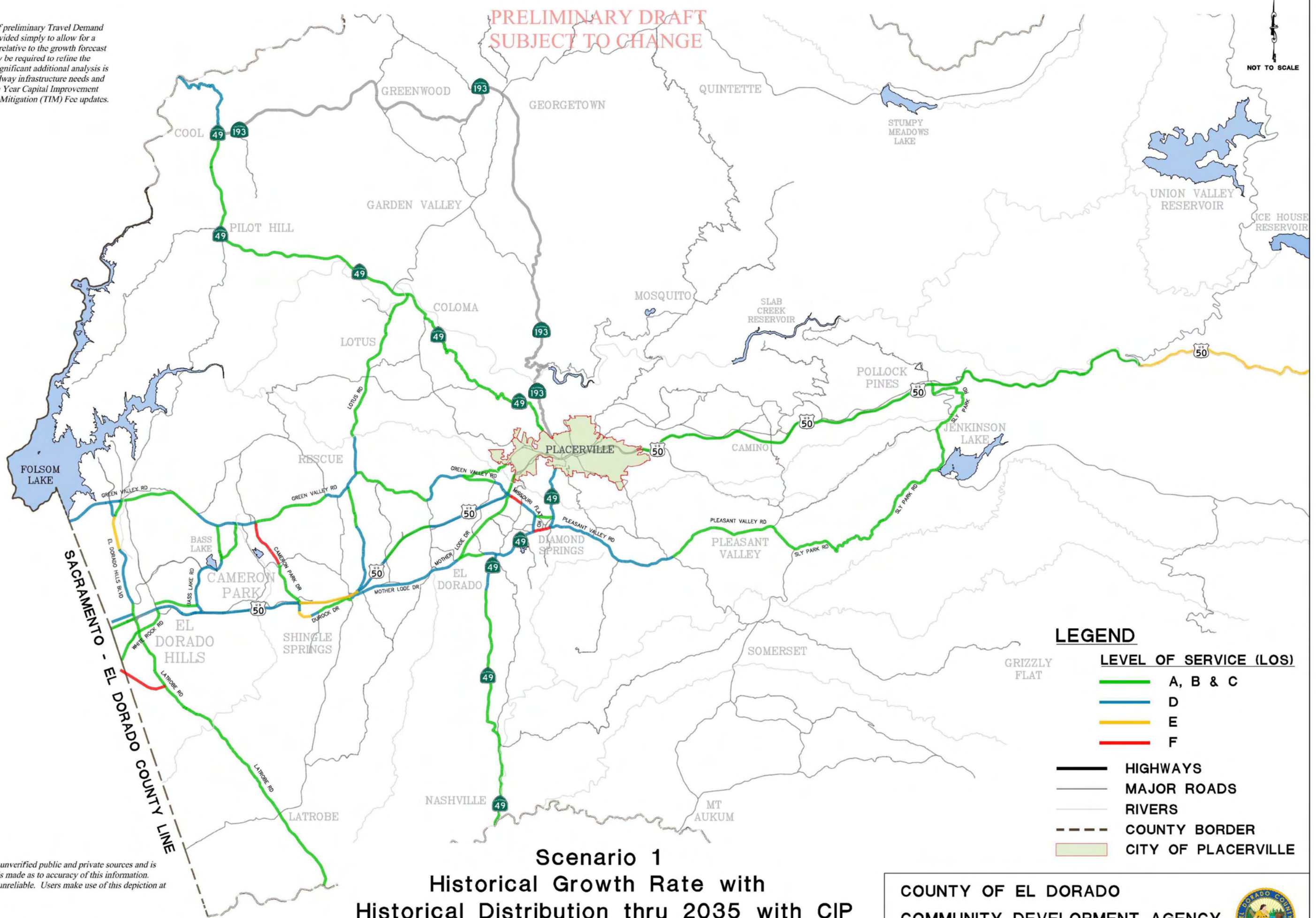
**COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
LONG RANGE PLANNING DIVISION**

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NOTES:

1. Layer information may cover additional areas outside of the displayed area.
2. This scenario includes Regional Housing Needs Allocation (RHNA).

**Scenario 1
Historical Growth Rate with
Historical Distribution thru 2035 with CIP
FEBRUARY 2014**

**COUNTY OF EL DORADO
COMMUNITY DEVELOPMENT AGENCY
LONG RANGE PLANNING DIVISION**



Historical Growth Rate with Historical Distribution (approximately 62% within the Community Regions and 38% in the Rural Centers/Regions)

EL DORADO COUNTY TDM - Roadway Capacity Analysis Tool											
KEY											
2004GP Model	Old County Macro Traffic Model										
2013GP Model	New County Macro Travel Demand Model (TDM)										
HCM2000	Highway Capacity Manual 2000 , Transportation Research Board										
HCM2010	Highway Capacity Manual 2010 , Transportation Research Board, December 2010										
LOS	Level of Service (LOS generalized definitions from the 2004 General Plan are listed below)										
LOS A, B or C	LOS A is free-flow speeds with freedom to maneuver; LOS B stable operating conditions; LOS C stable operating conditions with individual users affected by interactions with others.										
LOS D	LOS D represents high-density, but stable flow										
LOS E	LOS E represents operating conditions at or near capacity.										
LOS F	LOS F is used to define conditions where the volume of traffic exceeds the capacity of the roadway. Long queues can form behind bottleneck points.										
WKDY AM PK HR	Weekday PM Peak Hour										
WKDY PM PK HR	Weekday PM Peak Hour										
Year 2010	Baseline year for the New County Macro TDM										
Year 2025	20-year forecast date of the Old County Macro Traffic Model										
Year 2035	20-year forecast date for the New County Macro TDM										
BASS LAKE ROAD, NEW	Names in light blue indicate a future new road that has not been constructed.										
NOTES:											
1. Level of Service (LOS) is a general measure of traffic operating conditions of a roadway where a letter, from A (best) to F (over capacity), is assigned.											
2. General Plan Policy TC-Xd defines the maximum LOS as LOS E in the Community Regions or LOS D in the Rural Centers and Rural Regions, except for those specified in Table TC-2.											
3. LOS in this table uses the thresholds based on the Highway Capacity Manual 2010 (HCM2010)											
4. LOS is calculated for Weekday AM and PM Peak Hours											
5. LOS in this table assumes roads configurations are as of 2010 or are in construction by 2013.											
6. State Route Volumes are from Caltrans website and additional actual count data was provided by Caltrans staff, all other counts are collected by County staff.											
7. Volume Projections from the 2013GP Model in this table were rounded to two significant figures.											
8. All Scenarios include RHNA (Regional Housing Needs Allocation) as required by State Law and General Plan Housing Element											
					HCM 2010 Planning Level Volumes¹						
					Code	Functional Class Codes (Updated to HCM 2010)	A	B	C	D	E
					2A	Two-Lane Arterial	-	-	850	1,540	1,650
					4AU	Four-Lane Arterial, Undivided	-	-	1,760	3,070	3,130
					4AD	Four-Lane Arterial, Divided	-	-	1,850	3,220	3,290
					6AD	Six-Lane Arterial, Divided	-	-	2,760	4,680	4,710
					4M	Four-Lane Multi-Highway	-	2,240	3,230	4,250	4,970
					2F	Two Freeway Lanes (One Dir.)	-	2,070	2,880	3,590	4,150
					2FA	Two Freeway Lanes + Auxiliary Lane (One Dir.)	-	2,610	3,630	4,520	5,230
					3F	Three Freeway Lanes (One Dir.)	-	3,100	4,320	5,380	6,230
					3FA	Three Freeway Lanes + Auxiliary Lane (One Dir.)	-	3,640	5,070	6,320	7,310
					4F	Four Freeway Lanes (One Dir.)	-	4,140	5,760	7,180	8,310
¹ Freeway LOS based on HCM 2010, Exhibit 10-8, Urban Area, Rolling Terrain, K-factor of 0.09, and D-factor of 0.60 2-lane highway (and arterial 2-lane) LOS based on HCM 2010, Exhibit 15-30, Class II Rolling, .09 K-factor, and D-factor of 0.6 Arterial LOS based on HCM 2010, Exhibit 16-14, K-factor of 0.09, posted speed 45 mi/h Volumes are for both directions unless noted											

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		2004GP MODEL Assumes 3% Annual Growth						2013GP MODEL (2010 Existing Network, Historic Growth Rate with Historic Distribution)										
ROAD NAME	SEGMENT	Node Pair	Existing Functional Class (2010)	Gen. Plan Max LOS	Year 2010	Year 2010	Year 2025	Year 2025	**FOR COMPARISON PURPOSES ONLY		Road Classification	Community Region (CR), Rural Center (RC), Rural Region (RR)	Year 2035	Year 2035	Year 2035	Year 2035	Improvement Required?	
					WKDY PM PK HR	WKDY PM PK HR	WKDY PM PK HR	WKDY PM PK HR	Year 2035 WKDY AM PK HR LOS (Using HCM2000)	Year 2035 WKDY PM PK HR LOS (Using HCM2000)			Year 2035 WKDY AM PK HR Two-Directional Volume	Year 2035 WKDY AM PK HR LOS (Using HCM2010)	Year 2035 WKDY PM PK HR Two-Directional Volume	Year 2035 WKDY PM PK HR LOS (Using HCM2010)		
					COUNT	LOS	2004GP Model	LOS (Using HCM2000)					Two-Directional Volume	LOS (Using HCM2010)	Two-Directional Volume	LOS (Using HCM2010)		
BASS LAKE ROAD																		
	1. Country Club Dr to Bass Lake	21192021	2A	D	875	C	1,292	2A/D	2A/D	2A/D	2A	RR/CR	1,400	D	1,400	D	N	
	2. Bass Lake to Green Valley Rd	22402221	W22	E	470	C	671	W22/D	W22/D	W22/D	2A	CR	720	C	670	C	N	
BASS LAKE ROAD, NEW																		
	1. Bass Lake Rd to Green Valley Rd	22192224	N/A	E	N/A	N/A	247	2A/A	N/A	N/A	2A	CR	N/A	N/A	N/A	N/A		
BIG CUT ROAD																		
	1. Pleasant Valley Rd to Placerville City Limits	25572511	W18	D	86	B	75	W18/B	W18/C	W18/C	2A	RR	220	C	270	C	N	
BUCKS BAR ROAD																		
	1. Mt Aukum to Cattle Cr Ln	28112805	W18	D	289	C	560	W18/D	W18/C	W18/C	2A	RR	400	C	400	C	N	
	2. Cattle Cr Ln to Pleasant Valley Rd	27622452	W20	D	389	C	584	W20/D	W20/C	W20/C	2A	RR	500	C	520	C	N	
CAMBRIDGE ROAD																		
	1. US 50 EB ramps to Country Club Dr	21262125	2A	E	856	C	1,245	2A/D	2A/C	2A/C	2A	CR	830	C	950	D	N	
	2. Country Club Dr to Oxford Rd	21392125	2A	F	735	C	1,092	2A/D	2A/C	2A/D	2A	CR	810	C	1,100	D	N	
	3. Oxford Rd to Green Valley Rd	22422236	2U	E	414	C	580	2U/C	2U/C	2U/C	2A	CR	660	C	720	C	N	
CAMERON PARK DRIVE																		
	1. Durock Rd to Coach Ln	22822279	4AU	F	823	C	2,558	4AU/D	2U/D	2U/D	2A	CR	1,100	D	1,500	D	N	
	2. Coach Ln to Palmer Dr	22731970	4AU	E	2099	D	3,314	4AU/F	4AD/D	4AD/D	4AD	CR	2,100	D	2,900	D	N	
	3. Palmer Dr to Oxford Rd	22771975	2A	E	1402	D	2,930	2A/F	2A/D	2A/D	2A	CR	1,200	D	1,400	D	N	
	4. Oxford Rd to Green Valley Rd	22462237	2U	E	805	D	1,071	2U/D	2U/D	2U/D	2A	CR	840	C	950	D	N	
CARSON ROAD																		
	1. Placerville City Limits to Union Ridge Rd	27762774	2R	D	173	B	403	2R/C	2R/B	2R/C	2A	RR	140	C	210	C	N	
	2. Union Ridge Rd to US 50	28752870	2R	D	135	B	303	2R/C	2R/B	2R/B	2A	RR	110	C	200	C	N	
	3. US 50 to Barkley Rd	28842856	2R	D	281	C	535	2R/C	2R/C	2R/C	2A	RR	300	C	380	C	N	
	4. Barkley Rd to Pony Express Tr	28962892	2R	E	220	C	309	2R/C	2R/B	2R/C	2A	CR	170	C	230	C	N	
CEDAR RAVINE ROAD																		
	1. Pleasant Valley Rd to Quarry Rd	27522749	W20	D	168	C	185	W20/C	W20/C	W20/C	2A	RR	410	C	440	C	N	
	2. Quarry Rd to Placerville City Limits	27592544	2R	D	218	C	335	2R/C	2R/C	2R/C	2A	RR	420	C	460	C	N	
COLD SPRINGS ROAD																		
	1. Placerville City Limits to Cool Water Cr	27312730	2R	E	304	C	757	2R/D	2R/C	2R/D	2A	CR	600	C	750	C	N	
	2. Cool Water Cr to Gold Hill Rd	24412440	2R	D	479	C	466	2R/C	2R/C	2R/C	2A	CR/RR	430	C	600	C	N	
	3. Gold Hill Rd to SR 49	24472445	W22	D	180	B	250	W22/C	W22/C	W22/C	2A	RR/RC	290	C	410	C	N	
COUNTRY CLUB DRIVE																		
	1. Bass Lake Rd to Merrychase Dr	21112021	2R	D	347	C	838	2R/D	2R/D	2R/D	2A	RR	780	C	790	C	N	
	2. Merrychase Dr to Cambridge Rd	21282124	2R	E	244	C	674	2R/C	2R/D	2R/D	2A	CR	810	C	740	C	N	
	3. Cambridge Rd to Royal Dr (W)	21362125	2R	E	269	C	967	2R/D	2R/D	2R/D	2A	CR	710	C	820	C	N	
	4. Royal Dr (W) to Cameron Park Dr	22832278	2R	E	366	C	596	2R/C	2R/C	2R/C	2A	CR	520	C	670	C	N	
COUNTRY CLUB DRIVE EXTENSION																		
	1. Silva Valley Pkwy to Bass Lake Rd	20202021	N/A	D	N/A	N/A	799	2A/C	N/A	N/A	2A	RR	N/A	N/A	N/A	N/A		
DUROCK ROAD																		
	1. Cameron Park Dr to Heinz Rd	22822276	2U	E	579	C	1,417	2U/D	2U/C	2U/D	2A	CR	730	C	950	D	N	
	2. Hines Rd to S Shingle Rd	22982297	2U	E	557	C	1,294	2U/D	2U/C	2U/D	2A	CR	700	C	860	D	N	
EL DORADO HILLS BLVD																		
	1. US 50 to Lassen Ln	20922089	6AD	E	2580	C	4,724	6AD/D	6AD/C	6AD/D	6AD	CR	2,600	C	2,800	D	N	
	2. Lassen Ln to Olson Ln	19891988	4AD	E	1801	C	1,770	4AD/C	4AD/D	4AD/D	4AD	CR	2,200	D	2,100	D	N	
	3. Olson Ln to St Andrews Dr	22022199	4AD	E	1543	C	1,252	4AD/C	4AD/D	4AD/C	4AD	CR	2,000	D	1,800	C	N	
	4. St Andrews Dr to Francisco Dr	21872159	2A	E	1317	D	1,171	2A/D	2A/D	2A/D	2A	CR	1,300	D	1,600	E	N	
	5. Francisco Dr to Green Valley Rd	21842161	2A	E	439	C	446	2A/C	2A/C	2A/C	2A	CR	440	C	400	C	N	
EL DORADO ROAD																		
	1. Pleasant Valley Rd to Mother Lode Dr	24042403	W22	E	252	C	506	W22/C	W22/C	W22/C	2A	CR	410	C	530	C	N	
	2. Mother Lode Dr to US 50	24261910	W22	E	500	C	732	W22/D	W22/D	W22/D	2A	CR	660	C	850	C	N	
	4. US 50 to Missouri Flat Rd	24282425	W22	E	205	C	577	W22/D	W22/C	W22/D	2A	CR	390	C	660	C	N	
	5. Missouri Flat Rd to Green Valley Rd	19391927	W22	E	250	C	518	W22/C	W22/C	W22/D	2A	CR	360	C	750	C	N	
FAIRPLAY ROAD																		
	1. Mt Aukum to Omo Ranch Rd	28092477	W20	D	170	C	186	W20/C	W20/C	W20/C	2A	RR	180	C	210	C	N	

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						COUNT	LOS	2004GP Model	LOS (Using HCM2000)				Two-Directional Volume	LOS (Using HCM2010)	Two-Directional Volume	LOS (Using HCM2010)	
FORNI ROAD																	
	1. SR49 to Enterprise Dr	26002599	2R	E	334	C	385	2R/C	2R/C	2R/C	2A	CR	360	C	370	C	N
	2. Enterprise Dr to Missouri Flat Rd	26682667	2R	E	815	D	639	2R/C	2R/C	2R/D	2A	CR	630	C	1,000	D	N
	3. Missouri Flat Rd to Wamego Rd	26342625	2R	E	150	B	554	2R/C	2R/B	2R/C	2A	CR	180	C	300	C	N
	4. Wamego Rd to Placerville City Limits	27042588	W20	D	122	B	554	W20/D	W20/D	W20/D	2A	RR	630	C	830	C	N
FRANCISCO DRIVE																	
	1. EDH Blvd to Green Valley Rd	21902185	2A	E	1132	D	811	2A/C	2A/C	2A/D	2A	CR	1,200	D	1,400	D	N
GARDEN VALLEY ROAD																	
	1. SR 193 to Marshall Rd	29922990	W20	D	120	B	166	W20/C	W20/B	W20/B	2A	RR/RC	150	C	130	C	N
GOLD HILL ROAD																	
	1. Lotus Rd to Cold Springs Rd	24432440	W22	D	185	B	205	W22/C	W22/C	W22/C	2A	RR	350	C	290	C	N
	2. Cold Springs Rd to SR 49	24382437	W22	D	43	A	24	W22/A	W22/B	W22/B	2A	RR	110	C	110	C	N
GREEN VALLEY ROAD																	
	1. County Line to Francisco Dr	21711046	2U Section	E	2321	F	2,543	2U/F	2U/F	2U/F	2A	CR	2,300	F	3,100	F	Y
			4AD Section			D		4AD/D	4AD/D	4AD/D	4AD			D		D	N
	2. Francisco Dr to Salmon Falls Rd	21892185	4AD Section	E	1441	C	1,914	4AD/C	4AD/C	4AD/D	4AD	CR	1,300	D	2,100	D	N
			2U Section			D		2U/E	2U/D	2U/F	2A			F		F	Y
	3. Salmon Falls Rd to Deer Valley Rd (W)	21622161	2U	E	1150	D	2,147	2U/F	2U/D	2U/D	2A	CR/RR	1,100	D	1,400	D	N
	4. Deer Valley Rd (W) to Bass Lake Rd	22212214	2U	D	880	D	1,002	2U/D	2U/D	2U/D	2A	RR	1,400	D	1,300	D	N
	5. Bass Lake Rd to Cameron Park Dr	22212215	2U	E	953	D	1,369	2U/D	2U/D	2U/D	2A	CR	1,300	D	1,400	D	N
	6. Cameron Park Dr to Deer Valley Rd (E)	22502218	W22	E	528	C	801	W22/D	W22/D	W22/D	2A	CR/RR/RC	900	D	1,000	D	N
	7. Deer Valley Rd (E) to Lotus Rd	23412334	W18	D	652	D	1,274	W18/F	W18/E	W18/F	2A	RC	1,000	D	1,200	D	N
	8. Lotus Rd to Greenstone Rd	24012399	W20	D	354	C	825	W20/D	W20/D	W20/D	2A	RR	610	C	770	C	N
	9. Greenstone Rd to Missouri Flat Rd	24232420	W20	D	565	D	847	W20/D	W20/D	W20/D	2A	RR	910	D	1,100	D	N
	10. Missouri Flat Rd to Placerville City Limits	19301929	W18	D	277	C	871	W18/D	W18/D	W18/D	2A	CR/RR/CR	560	C	930	D	N
GREENSTONE ROAD																	
	1. Mother Lode Dr to US 50	23952383	W18	D	118	B	484	W18/D	W18/B	W18/C	2A	CR/RR	130	C	160	C	N
	2. US 50 to Green Valley Rd	23972368	2R	D	219	C	262	2R/C	2R/C	2R/C	2A	RR	380	C	410	C	N
LATROBE ROAD																	
	1. County Line to S Shingle Rd	19631962	2U	D	298	C	439	2U/C	2U/C	2U/C	2A	RR	500	C	550	C	N
	2. S Shingle Rd to Wetsel Oviatt	21081980	2R	D	310	C	446	2R/C	2R/C	2R/C	2A	RC/RR	570	C	630	C	N
	3. Wetsel Oviatt to Investment Blvd	20722025	2U	D	418	C	943	2U/D	2U/C	2U/C	2A	CR	740	C	790	C	N
	4. Investment Blvd to Carson Creek	20732072	2U	E	712	C	3,149	2U/F	2U/D	2U/D	2A	CR	950	D	1,000	D	N
	5. Carson Creek to White Rock Rd	20422041	4AD	E	1725	C	5,199	4AD/F	4AD/D	4AD/D	4AD	CR	2,400	D	2,400	D	N
	6. White Rock Rd to US 50	20852078	6AD	E	2116	C	5,307	6AD/D	6AD/D	6AD/D	6AD	CR	3,400	D	3,800	D	N
LOTUS ROAD																	
	1. Green Valley Rd to Springvale Rd	23572350	2U	D	571	C	891	2U/D	2U/D	2U/D	2A	RR	1,000	D	1,300	D	N
	2. Springvale Rd to Thompson Hill Rd	23602314	2U	D	430	C	484	2U/C	2U/C	2U/C	2A	RR	530	C	690	C	N
	3. Thompson Hill Rd to SR 49	29872984	2R	D	461	C	509	2R/C	2R/C	2R/D	2A	RR/RC	490	C	720	C	N
MARSHALL ROAD																	
	1. SR 49 to Mt Murphy Rd	29852968	2R	D	301	C	327	2R/C	2R/C	2R/C	2A	RR	360	C	410	C	N
	2. Mt Murphy Rd to Black Oak Mine Rd	29942992	2R	D	380	C	283	2R/C	2R/C	2R/C	2A	RR	590	C	550	C	N
MEDER ROAD																	
	1. Cameron Park Dr to Rosebud Dr	22382009	W22	E	581	C	645	W22/D	W22/D	W22/D	2A	CR	900	D	990	D	N
	2. Rosebud Dr to Ponderosa Rd	23462336	W22	E	506	C	486	W22/C	W22/D	W22/D	2A	CR	730	C	740	C	N
MISSOURI FLAT ROAD																	
	1. Green Valley Rd to El Dorado Rd	19271926	2U	E	652	C	815	2U/D	2U/C	2U/D	2A	CR	780	C	800	C	N
	2. El Dorado Rd to Headington Rd	26271927	2U	E	837	D	1,191	2U/D	2U/D	2U/D	2A	CR	900	D	1,200	D	N
		19492646	2A Section			C		2A/F	2A/C	2A/C	2A			C		D	N
	3. Headington Rd to US 50	26562655	4AD Section	E	654	B	2,343	4AD/D	4AD/C	4AD/D	4AD	CR	1,500	C	2,200	D	N
		26562654	4AD	F	2651	D	3,450	4AD/D	4AD/D	4AD/D	4AD	CR	2,400	D	3,100	D	N
	4. US 50 to Forni Rd.	26562654	4AD	F	2651	D	3,450	4AD/D	4AD/D	4AD/D	4AD	CR	2,400	D	3,100	D	N
	5. Forni Rd. to China Garden Rd	26702668	4AU	F	1835	D	3,284	4AU/F	4AD/C	4AD/D	4AD	CR	1,800	C	2,200	D	N
	6. China Garden Rd to SR 49	26722570	2A	E	1551	D	1,225	2A/D	2A/D	2A/D	2A	CR	1,400	D	1,600	E	N
MISSOURI FLAT ROAD CONNECTOR (Diamond Springs Parkway)																	
	1. Missouri Flat Rd to SR-49	25892590	N/A	E	N/A	N/A	2,006	2A/F	N/A	N/A	N/A	CR	N/A	N/A	N/A	N/A	
MORMON EMIGRANT TRAIL																	
	1. Sly Park Rd to 2nd Dam	30773075	2U	D	94	A	309	2U/C	2U/A	2U/B	2A	RR	120	C	150	C	N
MOSQUITO ROAD																	
	1. Placerville City Limits to Union Ridge Rd	27772773	2R	E	311	C	280	2R/C	2R/D	2R/D	2A	CR	720	C	770	C	N
	2. Union Ridge Rd to Rock Creek Rd	27672765	W18	D	166	C	244	W18/C	W18/C	W18/C	2A	RR	170	C	170	C	N

DRAFT TDM Results - Scenario 1
Historical Growth Rate with Historical Distribution (approximately 62% within the Community Regions and 38% in the Rural Centers/Regions)

ROAD NAME	SEGMENT	A-B Node Pair	Existing Functional Class (2010)	Gen. Plan Max LOS	Year 2010		2004GP MODEL Assumes 3% Annual Growth		2013GP MODEL (2010 Existing Network, Historic Growth Rate with Historic Distribution)								
					WKDY PM PK HR	WKDY PM PK HR	Year 2025	Year 2025	**FOR COMPARISON PURPOSES ONLY		Road Classification	Community Region (CR), Rural Center (RC), Rural Region (RR)	Year 2035	Year 2035	Year 2035	Year 2035	Improvement Required?
					COUNT	LOS	2004GP Model	LOS (Using HCM2000)	Year 2035 WKDY AM PK HR LOS (Using HCM2000)	Year 2035 WKDY PM PK HR LOS (Using HCM2000)			WKDY AM PK HR 2013 GP Model Two-Directional Volume	LOS (Using HCM2010)	WKDY PM PK HR 2013 GP Model Two-Directional Volume	LOS (Using HCM2010)	
MOTHER LODE DRIVE	1. S Shingle Rd to French Creek Rd	23002287	2U	E	1102	D	1,721	2U/E	2U/D	2U/D	2A	CR	1,200	D	1,400	D	N
	2. French Crk Rd to Greenstone Rd	20072381	2U	D	737	D	1,400	2U/D	2U/C	2U/D	2A	RR	730	C	950	D	N
	3. Greenstone Rd to Pleasant Valley Rd	24122408	2U	E	737	D	1,430	2U/D	2U/D	2U/D	2A	CR	890	D	1,100	D	N
	4. Pleasant Valley Rd to El Dorado Rd	24122409	2U	E	355	C	367	2U/C	2U/C	2U/C	2A	CR	300	C	410	C	N
	5. El Dorado Rd to Missouri Flat Rd	26472649	2U	E	422	C	759	2U/C	2U/B	2U/B	2A	CR	130	C	160	C	N
MT AUKUM ROAD	1. County Line to Omo Ranch Rd	24602499	2R	D	158	B	336	2R/C	2R/B	2R/B	2A	RR/RC	130	C	160	C	N
	2. Omo Ranch Rd to Grizzly Flat Rd	28082805	2R	D	293	C	517	2R/C	2R/C	2R/C	2A	RR/RC	380	C	390	C	N
	3. Grizzly Flat Rd to Sly Park Rd	28472846	2R	D	272	C	403	2R/C	2R/C	2R/C	2A	RC/RR	290	C	370	C	N
NEWTOWN ROAD	1. Pleasant Valley Rd to Snows Rd	28432831	2R	D	242	C	400	2R/C	2R/C	2R/C	2A	RR	370	C	400	C	N
	2. Snows Rd to Weber Creek	24632455	2R	D	284	C	421	2R/C	2R/C	2R/C	2A	RR	350	C	390	C	N
	3. Weber Creek to Placerville City Limits	25472546	2R	E	309	C	404	2R/C	2R/C	2R/C	2A	RR/CR	420	C	480	C	N
NORTH SHINGLE ROAD	1. Ponderosa Rd to Tennessee Dr	19681965	2R	D	648	C	847	2R/D	2R/D	2R/D	2A	CR/RR	800	C	950	D	N
	2. Tennessee Dr to Green Valley Rd	23532352	W22	D	500	C	732	W22/D	W22/C	W22/D	2A	RR/RC	570	C	700	C	N
OMO RANCH ROAD	1. Mt Aukum Rd to Fairplay Rd	25002478	2R	D	76	A	92	2R/B	2R/A	2R/A	2A	RR	70	C	80	C	N
PLEASANT VALLEY ROAD	1. Mother Lode Dr to El Dorado Rd	24122405	2U	E	562	C	1,000	2U/D	2U/C	2U/D	2A	CR	690	C	860	D	N
	2. El Dorado Rd to SR 49 (S)	19332403	2U	F	782	C	1,328	2U/D	2U/D	2U/D	2A	CR	1,100	D	1,300	D	N
	3. SR 49 (N) to Big Cut Rd	25112565	2U	E	1012	D	1,428	2U/D	2U/D	2U/D	2A	CR	1,300	D	1,500	D	N
	4. Big Cut Rd to Cedar Ravine Rd	27532506	2R	E	976	D	1,232	2R/D	2R/D	2R/D	2A	CR/RR/RC	940	D	1,100	D	N
	5. Cedar Ravine Rd to Bucks Bar Rd	27632749	2R	D	826	D	1,145	2R/D	2R/D	2R/D	2A	RC/RR	1,100	D	1,100	D	N
	6. Bucks Bar Rd to Newtown Rd	24612457	2R	D	447	C	540	2R/C	2R/D	2R/C	2A	RR/RC	710	C	640	C	N
	7. Newtown Rd to Mt Aukum Rd	28432839	2R	D	448	C	733	2R/D	2R/C	2R/C	2A	RR/RC	560	C	620	C	N
PONDEROSA ROAD	1. N Shingle Rd to Meder Rd	19841968	2R	E	629	C	1,315	2R/D	2R/D	2R/D	2A	CR/RR	920	D	800	C	N
	2. Meder Rd to Green Valley Rd	23562351	W20	D	130	B	194	W20/C	W20/B	W20/B	2A	RR	140	C	140	C	N
PONY EXPRESS TRAIL	1. Carson Rd to Ridgeway Dr	29042896	2R	E	340	C	391	2R/C	2R/C	2R/C	2A	CR	270	C	310	C	N
	2. Ridgeway Dr to Sly Park Rd	31043102	2R	E	420	C	680	2R/C	2R/C	2R/C	2A	CR	370	C	530	C	N
SALMON FALLS ROAD	1. Green Valley Rd to Lake Hills Dr	21632161	2U	E	616	C	862	2U/D	2U/C	2U/C	2A	CR	750	C	750	C	N
	2. Lake Hills Dr to Manzanita Ln	21502149	2U	E	224	C	454	2U/C	2U/C	2U/C	2A	CR/RR	340	C	330	C	N
	3. Manzanita Ln to Rattlesnake Bar Rd	29482943	W22	D	46	A	333	W22/C	W22/B	W22/B	2A	RR	160	C	140	C	N
SARATOGA WAY EXTENSION	1. County Line to EDH Blvd	20432044	N/A	E	N/A	N/A	2,255	4AU/D	N/A	N/A	N/A	CR	N/A	N/A	N/A	N/A	N/A
SERRANO PARKWAY	1. EDH Blvd to Silva Valley Pkwy	20061972	2A	E	637	C	732	2A/C	2A/C	2A/C	2A	CR	820	C	650	C	N
	2. Silva Valley Pkwy to Bass Lake Rd	22292152	4AD	E	379	A	444	4AD/C	4AD/C	4AD/C	4AD	CR	1,400	C	1,100	C	N
SHINGLE SPRINGS DRIVE	1. Mother Lode Dr to US 50	23182317	2R	D	397	C	596	2R/C	2R/C	2R/D	2A	RR	590	C	750	C	N
SILVA VALLEY PARKWAY	1. Serrano Pkwy to Harvard Way	22032197	4AD	E	899	C	1,774	4AD/C	4AD/C	4AD/C	4AD	CR	1,500	C	1,200	C	N
	2. Harvard Way to Green Valley Rd	22072162	2A	E	532	C	1,381	2A/D	2A/C	2A/C	2A	CR	890	D	790	C	N
	3. US-50 to Serrano Pkwy	20052006	4AD Section	E	893	C	3,106	4AD/E	4AD/C	4AD/C	4AD	CR	1,200	C	1,100	C	N
		19782020	2A Section					2A/F	2A/D	2A/D	2A			D		D	
SLY PARK ROAD	1. Mt Aukum Rd to Clear Creek Rd	28462823	2R	D	285	C	486	2R/C	2R/C	2R/C	2A	RC	300	C	360	C	N
	2. Clear Creek Rd to Mormon Emigrant Tr	30783077	W18	D	193	C	307	W18/C	W18/C	W18/C	2A	RR/CR	190	C	240	C	N
	3. Mormon Emigrant Tr to Park Creek Rd	30773073	2R	E	333	C	497	2R/C	2R/C	2R/C	2A	CR	350	C	430	C	N
	4. Park Creek Rd to US 50	31073094	2R	E	430	C	621	2R/C	2R/C	2R/C	2A	CR	440	C	450	C	N
	5. US 50 to Pony Express Trail	31033101	2R	E	710	D	608	2R/C	2R/C	2R/D	2A	CR	640	C	770	C	N
SNOWS ROAD	1. Newtown Rd to Carson Rd	28502840	2R	D	153	B	239	2R/C	2R/C	2R/C	2A	RR	310	C	270	C	N
SOPHIA PARKWAY	1. County Line to Green Valley Rd	21722171	2A	E	591	C	1,307	2A/D	2R/C	2R/D	2A	CR	660	C	900	D	N

DRAFT TDM Results - Scenario 1
Historical Growth Rate with Historical Distribution (approximately 62% within the Community Regions and 38% in the Rural Centers/Regions)

		2004GP MODEL Assumes 3% Annual Growth						2013GP MODEL (2010 Existing Network, Historic Growth Rate with Historic Distribution)									
ROAD NAME	SEGMENT	A-B	Existing	Gen. Plan	Year 2010	Year 2010	Year 2025	Year 2025	**FOR COMPARISON PURPOSES ONLY		Road Classification	Community Region (CR), Rural Center (RC), Rural Region (RR)	Year 2035	Year 2035	Year 2035	Year 2035	Improvement Required?
		Node Pair	Functional Class (2010)	Max LOS	WKDY PM PK HR	WKDY PM PK HR	WKDY PM PK HR	WKDY PM PK HR	Year 2035 WKDY AM PK HR LOS (Using HCM2000)	Year 2035 WKDY PM PK HR LOS (Using HCM2000)			Year 2035 WKDY AM PK HR 2013 GP Model Two-Directional Volume	Year 2035 WKDY AM PK HR LOS (Using HCM2010)	Year 2035 WKDY PM PK HR 2013 GP Model Two-Directional Volume	Year 2035 WKDY PM PK HR LOS (Using HCM2010)	
					COUNT	LOS	2004GP Model	LOS (Using HCM2000)									
SOUTH SHINGLE ROAD																	
	1. Latrobe Rd to Brandon Rd	21091980	W18	D	74	B	240	W18/C	W18/C	W18/C	2A	RC/RR	300	C	350	C	N
	2. Brandon Rd to Sunset Ln	22902288	W20	D	227	C	245	W20/C	W20/D	W20/D	2A	RR/CR	570	C	770	C	N
	3. Sunset Ln to Durock Rd	22982302	2R	E	532	C	527	2R/C	2R/D	2R/D	2A	CR	1,000	D	1,200	D	N
	4. Durock Rd to US 50	22982294	2A	E	1031	D	1,464	2A/D	2A/D	2A/D	2A	CR	1,100	D	1,300	D	N
SUNCAST LANE EXTENSION (LATROBE CONNECTION)																	
	1. White Rock Rd to Latrobe Rd	20483124	N/A	E	N/A	N/A	1,000	2A/D	N/A	N/A	N/A	CR	N/A	N/A	N/A	N/A	
WHITE ROCK ROAD																	
	1. County Line to Manchester Dr.	20382037	W18	E	1065	E	867	W18/D	W18/E	W18/F	2A	CR	1,100	D	1,800	F	Y
	2. Manchester Dr. to Latrobe Rd.	20872086	4AD	E	1149	C	3,466	4AD/D	4AD/C	4AD/D	4AD	CR	1,200	C	2,000	D	N
	3. Latrobe Rd to Silva Valley Pkwy	20882085	4AD	E	1382	C	4,457	4AD/F	4AD/C	4AD/C	4AD	CR	1,100	C	1,900	D	N
								2A/D	2A/F	2A/F	2A	CR	1,100	D	1,900	F	Y
STATE HIGHWAYS																	
SR 49																	
	1. County Line to Sand Ridge Rd	19211935	2R	D	200	B	500	2R/C	2R/C	2R/C	2A	RR/RC	270	C	290	C	N
	2. Sand Ridge Rd to Crystal Blvd	19421943	2R	D	370	C	540	2R/C	2R/C	2R/C	2A	RR	490	C	480	C	N
	3. Crystal Blvd to China Hill Rd	19141915	2R	E	1200	D	872	2R/D	2R/D	2R/D	2A	CR	800	C	750	C	N
	4. China Hill Rd to Pleasant Valley Rd	19111934	W22	E	1050	D	872	W22/D	W22/D	W22/D	2A	CR	690	C	880	D	N
	5. Pleasant Valley Rd to Missouri Flat Rd	26022619	W22	E	1400	E	1,487	W22/E	W22/D	W22/D	2A	CR	1,200	D	1,200	D	N
	6. Missouri Flat Rd to Pleasant Valley Rd	25792580	2A	E	560	C	851	2A/C	2A/F	2A/F	2A	CR	1,900	F	2,200	F	Y
	7. Pleasant Valley Rd to Placerville City Limits	25642578	2R	E	1150	D	1,536	2R/E	2R/D	2R/D	2A	CR	960	D	890	D	N
	8. Placerville City Limits to Gold Hill Rd	19162727	2R	E/D	350	C	307	2R/C	2R/C	2R/C	2A	CR/RR	550	C	510	C	N
	9. Gold Hill Rd to SR 153	10082436	W22	D	230	C	499	W22/C	W22/C	W22/C	2A	RR/RC	390	C	370	C	N
	10. SR 153 to Marshall Rd	29682986	2R	D	500	C	687	2R/D	2R/D	2R/D	2A	RC/RR	870	D	860	D	N
	11. Marshall Rd to Rattlesnake Bar Rd	29272932	2U	D	540	C	805	2U/D	2U/C	2U/C	2A	RR/RC	480	C	600	C	N
	12. Rattlesnake Bar Rd to SR 193	29502951	W22	D	540	C	1,157	W22/D	W22/C	W22/C	2A	RC/RR	560	C	520	C	N
	13. SR 193 to County Line	29532954	2R	F	860	D	1,361	2R/D	2R/D	2R/D	2A	RC/RR	820	C	940	D	N
SR 193																	
	1. SR 49 to Greenwood Rd	29522955	2U	D	410	C	932	2U/D	2U/C	2U/C	2A	RC/RR	580	C	710	C	N
	2. Greenwood Rd to Main St (Georgetown)	29253033	2R	D	430	C	208	2R/C	2R/C	2R/C	2A	RC/RR	580	C	610	C	N
	3. Main St (Georgetown) to Shoo Fly Rd	10072721	2R	D	260	C	280	2R/C	2R/C	2R/C	2A	RC/RR	230	C	240	C	N
	4. Shoo Fly Rd to Placerville City Limits	27222724	2R	D	140	B	338	2R/C	2R/C	2R/C	2A	RR	220	C	240	C	N
US HIGHWAY 50																	
WB	1. County Line to EDH Blvd/Latrobe Rd	20332034	2F	E	3,300	D	4,149	2FA/D	2F/C	2F/D	2F	CR	2,800	C	3,200	D	N
WB	HOV	20512052				NO HOV						CR	760		830		
EB	HOV	20492050										CR	710		980		
EB		20352036	2FA	E	4,900	F	6,333	2FA/F	2FA/B	2FA/C	2FA	CR	2,100	C	3,400	D	N
WB	2. EDH Blvd/Latrobe Rd to Bass Lake Rd (Silva Valley Parkway after 2015)	20842091	2F	E/D	2,500	C	4,261	2FA/D	2F/D	2F/D	2F	CR/RR	3,500	D	3,400	D	N
WB	HOV	20962097				NO HOV						CR/RR					
EB	HOV	20982099										CR/RR					
EB		20902081	2FA	E/D	3,700	E	6,014	2FA/F	2FA/B	2FA/E	2FA	CR/RR	2,500	B	4,700	E	Y
WB	2a. Silva Valley Parkway to Bass Lake Road	154992930	2F	D	N/A	N/A						RR					
WB	HOV	31443132										RR					
EB	HOV	31333151										RR					
EB		293615498	2F	D	N/A	N/A						RR					
WB	3. Bass Lake Rd to Cambridge Rd	21152116 (31562116)	2F	D/E	2,400	C	4,872	2F/F	2F/E	2F/E	2F	RR/CR	3,800	E	3,600	E	Y
WB	HOV	32413242				NO HOV						RR/CR					
EB	HOV	31603161										RR/CR					
EB		(21133157)	2F	D/E	3,600	E	5,772	2F/F	2F/D	2F/F	2F	RR/CR	3,400	D	4,200	F	Y
WB	4. Cambridge Rd to Cameron Park Dr	19901991 (1552215521)	2F	E	2,300	C	4,438	2F/E	2F/D	2F/D	2F	CR	3,300	D	3,400	D	N
WB	HOV	32283229				NO HOV						CR					
EB	HOV	31733174										CR					
EB		19951996 (1551715523)	2F	E	3,300	D	5,033	2F/F	2F/C	2F/E	2F	CR	2,600	C	3,800	E	N

DRAFT TDM Results - Scenario 1
Historical Growth Rate with Historical Distribution (approximately 62% within the Community Regions and 38% in the Rural Centers/Regions)

							2004GP MODEL Assumes 3% Annual Growth		2013GP MODEL (2010 Existing Network, Historic Growth Rate with Historic Distribution)								
ROAD NAME	SEGMENT	A-B	Existing	Gen. Plan	Year 2010	Year 2010	Year 2025	Year 2025	**FOR COMPARISON PURPOSES ONLY		Road Classification	Community Region (CR), Rural Center (RC), Rural Region (RR)	Year 2035	Year 2035	Year 2035	Year 2035	Improvement Required?
		Node Pair	Functional Class (2010)	Max LOS	COUNT	LOS	2004GP Model	LOS (Using HCM2000)	Year 2035 WKDY AM PK HR LOS (Using HCM2000)	Year 2035 WKDY PM PK HR LOS (Using HCM2000)			Year 2035 WKDY AM PK HR 2013 GP Model Two-Directional Volume	Year 2035 WKDY AM PK HR LOS (Using HCM2010)	Year 2035 WKDY PM PK HR 2013 GP Model Two-Directional Volume	Year 2035 WKDY PM PK HR LOS (Using HCM2010)	
WB	5. Cameron Park Dr to Ponderosa Rd	22662267 (226615525)	2F	E	2,300	C	4,007	2F/E	2F/D	2F/E	2F	CR	3,400	D	3,800	E	N
WB	HOV																
EB	HOV																
EB		22642265 (155242265)	2F	E	3,300	D	3,964	2F/F	2F/D	2F/E	2F	CR	2,900	D	3,700	E	N
WB	6. Ponderosa Rd to Shingle Springs Dr	19971998 (199715532)	2F	E/D	1,800	B	3,868	2F/D	2F/C	2F/D	2F	CR/RR	2,400	C	2,900	D	N
WB	HOV																
EB	HOV																
EB		19992000 (155312000)	2F	E/D	2,700	C	3,529	2F/D	2F/C	2F/D	2F	CR/RR	2,400	C	3,100	D	N
WB	7. Shingle Springs Dr to Greenstone Rd	23852386 (23853207)	2F	D	1,700	B	3,073	2F/D	2F/C	2F/C	2F	RR	2,400	C	2,800	C	N
WB	HOV																
EB	HOV																
EB		23872369 (32062369)	2F	D	2,500	C	3,274	2F/D	2F/C	2F/D	2F	RR	2,300	C	3,000	D	N
WB	8. Greenstone Rd to El Dorado Rd	23752376	2F	D/E	1,700	B	3,299	2F/D	2F/C	2F/C	2F	RR/CR	2,200	C	2,800	C	N
EB		23702371	2F	D/E	2,500	C	3,107	2F/D	2F/C	2F/D	2F	RR/CR	2,400	C	2,900	D	N
WB	9. El Dorado Rd to Missouri Flat Rd	19441945	2F	E	1,700	B	2,898	2F/D	2F/C	2F/C	2F	CR	2,200	C	2,700	C	N
EB		19461947	2F	E	2,500	C	3,229	2F/D	2F/C	2F/C	2F	CR	2,400	C	2,700	C	N
WB	10. Missouri Flat Rd to Placerville City Limits	26382639	2F	E	2,200	C	3,155	2F/D	2F/B	2F/C	2F	CR	1,900	B	2,100	C	N
EB		26422643	2F	E	3,400	D	2,636	2F/C	2F/B	2F/C	2F	CR	1,700	B	2,200	C	N
WB	11. Placerville City Limits to Newtown Rd	25262559	2F	E	990	A	1,560	4F/A	2F/B	2F/B	2F	CR	1,900	B	1,200	B	N
EB		25602529	2F	E	1,500	B			2F/A	2F/B	2F	CR	1,100	B	1,800	B	N
WB	12. Newtown Rd to Carson Rd. (W)	24712783	4M	D	990	D	3,355	4M/E	4M/D	4M/D	4M	RR	1,900	C	1,200	B	N
EB		25042466		D	1,500	D							1,100	B	1,900	C	N
WB	13. Carson Rd (W) to Carson Rd (E)	28682869	4M	D/E	840	C	3,109	4M/D	4M/D	4M/D	4M	RR/CR	1,700	C	1,100	B	N
EB		28202866		D/E	1,300	D							1,000	B	1,600	C	N
WB	14. Carson Rd (E) to Sawmill Rd	28272828	2F	E	840	A	2,356	4F/B	2F/B	2F/A	2F	CR	1,700	B	1,100	B	N
EB		28292830	2F	E	1,500	B							1,100	B	1,800	B	N
WB	15. Sawmill Rd to Sly Park Rd	10201021	2F	E/D	830	A	2,378	4F/B	2F/B	2F/A	2F	RR/CR	1,500	B	1,000	B	N
EB		10181019	2F	E/D	1,300	B							900	B	1,500	B	N
WB	16. Sly Park Rd to Fresh Pond	30703071	4M	E/D	550	B	1,632	4M/B	4M/B	4M/B	4M	CR/RR	920	B	630	B	N
EB		30693065		E/D	850	C							620	B	920	B	N
WB	17. Fresh Pond to Ice House Rd	30623063	4M	D	550	B	1,555	4M/B	4M/B	4M/B	4M	RR	910	B	620	B	N
EB		30653064		D	850	C							620	B	910	B	N
WB	18. Ice House Rd to Echo Lake	31123122	2U	F	600	D	2,066	2U/F	2U/D	2U/D	2A	RR/RC	1,600	E	1,600	E	N
EB				F	910	E											

Historical Growth Rate with Historical Distribution (approximately 62% within the Community Regions and 38% in the Rural Centers/Regions)

EL DORADO COUNTY TDM - Roadway Capacity Analysis Tool											
KEY											
2004GP Model	Old County Macro Traffic Model										
2013GP Model	New County Macro Travel Demand Model (TDM)										
HCM2000	Highway Capacity Manual 2000, Transportation Research Board										
HCM2010	Highway Capacity Manual 2010, Transportation Research Board, December 2010										
LOS	Level of Service (LOS generalized definitions from the 2004 General Plan are listed below)										
LOS A, B or C	LOS A is free-flow speeds with freedom to maneuver; LOS B stable operating conditions; LOS C stable										
LOS D	LOS D represents high-density, but stable flow										
LOS E	LOS E represents operating conditions at or near capacity.										
LOS F	LOS F is used to define conditions where the volume of traffic exceeds the capacity of the roadway.										
WKDY AM PK HR	Weekday PM Peak Hour										
WKDY PM PK HR	Weekday PM Peak Hour										
Year 2010	Baseline year for the New County Macro TDM										
Year 2025	20-year forecast date of the Old County Macro Traffic Model										
Year 2035	20-year forecast date for the New County Macro TDM										
BASS LAKE ROAD, NEW	Names in light blue indicate a future new road that has not been constructed.										
NOTES:											
1. Level of Service (LOS) is a general measure of traffic operating conditions of a roadway where a letter, from A (best) to F (over capacity).											
2. General Plan Policy TC-Xd defines the maximum LOS as LOS E in the Community Regions or LOS D in the Rural Centers and Rural Regions.											
3. LOS in this table uses the thresholds based on the Highway Capacity Manual 2010 (HCM2010)											
4. LOS is calculated for Weekday AM and PM Peak Hours											
5. LOS in this table assumes roads configurations are as of 2010 or are in construction by 2013.											
6. State Route Volumes are from Caltrans website and additional actual count data was provided by Caltrans staff, all other counts are estimated.											
7. Volume Projections from the 2013GP Model in this table were rounded to two significant figures.											
8. All Scenarios include RHNA (Regional Housing Needs Allocation) as required by State Law and General Plan Housing Element											

DRAFT TDM Results - Scenario 1
Historical Growth Rate with Historical Distribution (approximately 62% within the Community Regions and 38% in the Rural Centers/Regions)

2013GP MODEL (Future Network, Historic Growth Rate with Historic Distribution)											
ROAD NAME	SEGMENT	A-B	Existing Functional Class (2010)	Gen. Plan	Road Classification	Community Region (CR), Rural Center (RC), Rural Region (RR)	Year 2035 WKDY AM PK HR 2013 GP Model	Year 2035 WKDY AM PK HR LOS (Using HCM2010)	Year 2035 WKDY PM PK HR 2013 GP Model	Year 2035 WKDY PM PK HR LOS (Using HCM2010)	Improvement Required?
		Node Pair	Max LOS	Two-Directional Volume			Two-Directional Volume				
BASS LAKE ROAD											
	1. Country Club Dr to Bass Lake	21192021	2A	D	2A	RR/CR	1,300	D	1,300	D	N
	2. Bass Lake to Green Valley Rd	22402221	W22	E	2A	CR	590	C	560	C	N
BASS LAKE ROAD, NEW	1. Bass Lake Rd to Green Valley Rd	22192224	N/A	E	2A	CR	170	C	110	C	N
BIG CUT ROAD	1. Pleasant Valley Rd to Placerville City Limits	25572511	W18	D	2A	RR	270	C	270	C	N
BUCKS BAR ROAD											
	1. Mt Aukum to Cattle Cr Ln	28112805	W18	D	2A	RR	430	C	430	C	N
	2. Cattle Cr Ln to Pleasant Valley Rd	27622452	W20	D	2A	RR	520	C	540	C	N
CAMBRIDGE ROAD											
	1. US 50 EB ramps to Country Club Dr	21262125	2A	E	2A	CR	810	C	920	D	N
	2. Country Club Dr to Oxford Rd	21392125	2A	F	2A	CR	790	C	1,000	D	N
	3. Oxford Rd to Green Valley Rd	22422236	2U	E	2A	CR	580	C	700	C	N
CAMERON PARK DRIVE											
	1. Durock Rd to Coach Ln	22822279	4AU	F	2A	CR	1,200	D	1,600	E	N
	2. Coach Ln to Palmer Dr	22731970	4AU	E	4AD	CR	2,200	D	3,100	D	N
	3. Palmer Dr to Oxford Rd	22771975	2A	E	4AD	CR	1,200	C	1,500	C	N
	4. Oxford Rd to Green Valley Rd	22462237	2U	E	2A	CR	1,600	E	1,900	F	Y
CARSON ROAD											
	1. Placerville City Limits to Union Ridge Rd	27762774	2R	D	2A	RR	150	C	210	C	N
	2. Union Ridge Rd to US 50	28752870	2R	D	2A	RR	110	C	200	C	N
	3. US 50 to Barkley Rd	28842856	2R	D	2A	RR	310	C	390	C	N
	4. Barkley Rd to Pony Express Tr	28962892	2R	E	2A	CR	170	C	230	C	N
CEDAR RAVINE ROAD											
	1. Pleasant Valley Rd to Quarry Rd	27522749	W20	D	2A	RR	460	C	440	C	N
	2. Quarry Rd to Placerville City Limits	27592544	2R	D	2A	RR	430	C	450	C	N
COLD SPRINGS ROAD											
	1. Placerville City Limits to Cool Water Cr	27312730	2R	E	2A	CR	580	C	690	C	N
	2. Cool Water Cr to Gold Hill Rd	24412440	2R	D	2A	CR/RR	400	C	540	C	N
	3. Gold Hill Rd to SR 49	24472445	W22	D	2A	RR/RC	260	C	360	C	N
COUNTRY CLUB DRIVE											
	1. Bass Lake Rd to Merrychase Dr	21112021	2R	D	2A	RR	890	D	850	C	N
	2. Merrychase Dr to Cambridge Rd	21282124	2R	E	2A	CR	900	D	750	C	N
	3. Cambridge Rd to Royal Dr (W)	21362125	2R	E	2A	CR	650	C	750	C	N
	4. Royal Dr (W) to Cameron Park Dr	22832278	2R	E	2A	CR	450	C	600	C	N
COUNTRY CLUB DRIVE EXTENSION											
	1. Silva Valley Pkwy to Bass Lake Rd	20202021	N/A	D	2A	RR	470	C	370	C	N
DUROCK ROAD											
	1. Cameron Park Dr to Heinz Rd	22822276	2U	E	2A	CR	790	C	980	D	N
	2. Hines Rd to S Shingle Rd	22982297	2U	E	2A	CR	660	C	840	C	N
EL DORADO HILLS BLVD											
	1. US 50 to Lassen Ln	20922089	6AD	E	6AD	CR	2,400	C	2,700	C	N
	2. Lassen Ln to Olson Ln	19891988	4AD	E	4AD	CR	2,600	D	2,400	D	N
	3. Olson Ln to St Andrews Dr	22022199	4AD	E	4AD	CR	2,200	D	1,900	D	N
	4. St Andrews Dr to Francisco Dr	21872159	2A	E	2A	CR	1,300	D	1,600	E	N
	5. Francisco Dr to Green Valley Rd	21842161	2A	E	2A	CR	540	C	630	C	N
EL DORADO ROAD											
	1. Pleasant Valley Rd to Mother Lode Dr	24042403	W22	E	2A	CR	390	C	530	C	N
	2. Mother Lode Dr to US 50	24261910	W22	E	2A	CR	690	C	900	D	N
	4. US 50 to Missouri Flat Rd	24282425	W22	E	2A	CR	460	C	650	C	N
	5. Missouri Flat Rd to Green Valley Rd	19391927	W22	E	2A	CR	280	C	570	C	N
FAIRPLAY ROAD											
	1. Mt Aukum to Omo Ranch Rd	28092477	W20	D	2A	RR	200	C	220	C	N

DRAFT TDM Results - Scenario 1
Historical Growth Rate with Historical Distribution (approximately 62% within the Community Regions and 38% in the Rural Centers/Regions)

		2013GP MODEL (Future Network, Historic Growth Rate with Historic Distribution)									
ROAD NAME	SEGMENT	A-B	Existing	Gen. Plan	Road Classification	Community Region (CR), Rural Center (RC), Rural Region (RR)	Year 2035	Year 2035	Year 2035	Year 2035	Improvement Required?
		Node Pair	Functional Class (2010)	Max LOS			WKDY AM PK HR 2013 GP Model Two-Directional Volume	WKDY AM PK HR LOS (Using HCM2010)	WKDY PM PK HR 2013 GP Model Two-Directional Volume	WKDY PM PK HR LOS (Using HCM2010)	
FORNI ROAD											
	1. SR49 to Enterprise Dr	26002599	2R	E	2A	CR	360	C	360	C	N
	2. Enterprise Dr to Missouri Flat Rd	26682667	2R	E	2A	CR	600	C	950	D	N
	3. Missouri Flat Rd to Wamego Rd	26342625	2R	E	2A	CR	200	C	280	C	N
	4. Wamego Rd to Placerville City Limits	27042588	W20	D	2A	RR	240	C	410	C	N
FRANCISCO DRIVE											
	1. EDH Blvd to Green Valley Rd	21902185	2A	E	2A	CR	960	D	1,200	D	N
GARDEN VALLEY ROAD											
	1. SR 193 to Marshall Rd	29922990	W20	D	2A	RR/RC	150	C	130	C	N
GOLD HILL ROAD											
	1. Lotus Rd to Cold Springs Rd	24432440	W22	D	2A	RR	340	C	280	C	N
	2. Cold Springs Rd to SR 49	24382437	W22	D	2A	RR					
GREEN VALLEY ROAD											
	1. County Line to Francisco Dr	21711046	2U Section 4AD Section	E	4AD	CR	1,800	C	2,100	D	N
	2. Francisco Dr to Salmon Falls Rd	21892185	4AD Section 2U Section	E	4AD	CR	1,700	C	2,500	D	N
	3. Salmon Falls Rd to Deer Valley Rd (W)	21622161	2U	E	4AU	CR/RR	1,300	C	1,500	C	N
	4. Deer Valley Rd (W) to Bass Lake Rd	22212214	2U	D	4AU	RR	1,300	D	1,100	D	N
	5. Bass Lake Rd to Cameron Park Dr	22212215	2U	E	2A	CR	1,200	D	1,300	D	N
	6. Cameron Park Dr to Deer Valley Rd (E)	22502218	W22	E	2A	CR/RR/RC	700	C	800	C	N
	7. Deer Valley Rd (E) to Lotus Rd	23412334	W18	D	2A	RC	930	D	1,100	D	N
	8. Lotus Rd to Greenstone Rd	24012399	W20	D	2A	RR	530	C	650	C	N
	9. Greenstone Rd to Missouri Flat Rd	24232420	W20	D	2A	RR	870	D	1,000	D	N
	10. Missouri Flat Rd to Placerville City Limits	19301929	W18	D	2A	CR/RR/CR	470	C	700	C	N
GREENSTONE ROAD											
	1. Mother Lode Dr to US 50	23952383	W18	D	2A	CR/RR	130	C	160	C	N
	2. US 50 to Green Valley Rd	23972368	2R	D	2A	RR	370	C	350	C	N
LATROBE ROAD											
	1. County Line to S Shingle Rd	19631962	2U	D	2A	RR	320	C	330	C	N
	2. S Shingle Rd to Wetsel Oviatt	21081980	2R	D	2A	RC/RR	350	C	360	C	N
	3. Wetsel Oviatt to Investment Blvd	20722025	2U	D	2A	CR	550	C	540	C	N
	4. Investment Blvd to Carson Creek	20732072	2U	E	2A	CR	810	C	830	C	N
	5. Carson Creek to White Rock Rd	20422041	4AD	E	4AD	CR	1,300	C	1,300	C	N
	6. White Rock Rd to US 50	20852078	6AD	E	6AD	CR	1,800	C	2,100	C	N
LOTUS ROAD											
	1. Green Valley Rd to Springvale Rd	23572350	2U	D	2A	RR	1,000	D	1,200	D	N
	2. Springvale Rd to Thompson Hill Rd	23602314	2U	D	2A	RR	530	C	680	C	N
	3. Thompson Hill Rd to SR 49	29872984	2R	D	2A	RR/RC	490	C	720	C	N
MARSHALL ROAD											
	1. SR 49 to Mt Murphy Rd	29852968	2R	D	2A	RR	370	C	410	C	N
	2. Mt Murphy Rd to Black Oak Mine Rd	29942992	2R	D	2A	RR	600	C	550	C	N
MEDER ROAD											
	1. Cameron Park Dr to Rosebud Dr	22382009	W22	E	2A	CR	910	D	1,000	D	N
	2. Rosebud Dr to Ponderosa Rd	23462336	W22	E	2A	CR	710	C	690	C	N
MISSOURI FLAT ROAD											
	1. Green Valley Rd to El Dorado Rd	19271926	2U	E	2A	CR	760	C	820	C	N
	2. El Dorado Rd to Headington Rd	26271927	2U	E	2A	CR	800	C	1,100	D	N
	3. Headington Rd to US 50	19492646 26562655	2A Section 4AD Section	E	4AD	CR	1,500	C	2,300	D	N
	4. US 50 to Forni Rd.	26562654	4AD	F	4AD	CR	2,800	D	3,600	F	N
	5. Forni Rd. to China Garden Rd	26702668	4AU	F	4AD	CR	2,200	D	2,800	D	N
	6. China Garden Rd to SR 49	26722570	2A	E	2A	CR	1,300	D	1,500	D	N
MISSOURI FLAT ROAD CONNECTOR (Diamond Springs Parkway)											
	1. Missouri Flat Rd to SR-49	25892590	N/A	E	4AU	CR	890	C	1,100	C	N
MORMON EMIGRANT TRAIL											
	1. Sly Park Rd to 2nd Dam	30773075	2U	D	2A	RR	140	C	170	C	N
MOSQUITO ROAD											
	1. Placerville City Limits to Union Ridge Rd	27772773	2R	E	2A	CR	730	C	790	C	N
	2. Union Ridge Rd to Rock Creek Rd	27672765	W18	D	2A	RR	180	C	180	C	N

DRAFT TDM Results - Scenario 1
Historical Growth Rate with Historical Distribution (approximately 62% within the Community Regions and 38% in the Rural Centers/Regions)

		2013GP MODEL (Future Network, Historic Growth Rate with Historic Distribution)									
ROAD NAME	SEGMENT	A-B	Existing	Gen. Plan	Road Classification	Community Region (CR), Rural Center (RC), Rural Region (RR)	Year 2035	Year 2035	Year 2035	Year 2035	Improvement Required?
		Node Pair	Functional Class (2010)	Max LOS			WKDY AM PK HR 2013 GP Model Two-Directional Volume	WKDY AM PK HR LOS (Using HCM2010)	WKDY PM PK HR 2013 GP Model Two-Directional Volume	WKDY PM PK HR LOS (Using HCM2010)	
MOTHER LODE DRIVE											
	1. S Shingle Rd to French Creek Rd	23002287	2U	E	2A	CR	1,200	D	1,300	D	N
	2. French Crk Rd to Greenstone Rd	20072381	2U	D	2A	RR	720	C	960	D	N
	3. Greenstone Rd to Pleasant Valley Rd	24122408	2U	E	2A	CR	810	C	1,000	D	N
	4. Pleasant Valley Rd to El Dorado Rd	24122409	2U	E	2A	CR	310	C	420	C	N
	5. El Dorado Rd to Missouri Flat Rd	26472649	2U	E	2A	CR	140	C	180	C	N
MT AUKUM ROAD											
	1. County Line to Omo Ranch Rd	24602499	2R	D	2A	RR/RC	150	C	200	C	N
	2. Omo Ranch Rd to Grizzly Flat Rd	28082805	2R	D	2A	RR/RC	420	C	430	C	N
	3. Grizzly Flat Rd to Sly Park Rd	28472846	2R	D	2A	RC/RR	310	C	410	C	N
NEWTOWN ROAD											
	1. Pleasant Valley Rd to Snows Rd	28432831	2R	D	2A	RR	390	C	440	C	N
	2. Snows Rd to Weber Creek	24632455	2R	D	2A	RR	350	C	380	C	N
	3. Weber Creek to Placerville City Limits	25472546	2R	E	2A	RR/CR	430	C	470	C	N
NORTH SHINGLE ROAD											
	1. Ponderosa Rd to Tennessee Dr	19681965	2R	D	2A	CR/RR	900	D	1,100	D	N
	2. Tennessee Dr to Green Valley Rd	23532352	W22	D	2A	RR/RC	660	C	760	C	N
OMO RANCH ROAD											
	1. Mt Aukum Rd to Fairplay Rd	25002478	2R	D	2A	RR	70	C	90	C	N
PLEASANT VALLEY ROAD											
	1. Mother Lode Dr to El Dorado Rd	24122405	2U	E	2A	CR	620	C	770	C	N
	2. El Dorado Rd to SR 49 (S)	19332403	2U	F	2A	CR	950	D	1,200	D	N
	3. SR 49 (N) to Big Cut Rd	25112565	2U	E	2A	CR	940	D	1,100	D	N
	4. Big Cut Rd to Cedar Ravine Rd	27532506	2R	E	2A	CR/RR/RC	1,100	D	1,200	D	N
	5. Cedar Ravine Rd to Bucks Bar Rd	27632749	2R	D	2A	RC/RR	1,100	D	1,200	D	N
	6. Bucks Bar Rd to Newtown Rd	24612457	2R	D	2A	RR/RC	730	C	670	C	N
	7. Newtown Rd to Mt Aukum Rd	28432839	2R	D	2A	RR/RC	590	C	650	C	N
PONDEROSA ROAD											
	1. N Shingle Rd to Meder Rd	19841968	2R	E	2A	CR/RR	910	D	760	C	N
	2. Meder Rd to Green Valley Rd	23562351	W20	D	2A	RR	150	C	140	C	N
PONY EXPRESS TRAIL											
	1. Carson Rd to Ridgeway Dr	29042896	2R	E	2A	RC	270	C	310	C	N
	2. Ridgeway Dr to Sly Park Rd	31043102	2R	E	2A	RC	370	C	530	C	N
SALMON FALLS ROAD											
	1. Green Valley Rd to Lake Hills Dr	21632161	2U	E	2A	CR	810	C	890	C	N
	2. Lake Hills Dr to Manzanita Ln	21502149	2U	E	2A	CR/RR	340	C	330	C	N
	3. Manzanita Ln to Rattlesnake Bar Rd	29482943	W22	D	2A	RR	150	C	140	C	N
SARATOGA WAY EXTENSION											
	1. County Line to EDH Blvd	20432044	N/A	E	4AU	CR	2,500	D	2,700	D	N
SERRANO PARKWAY											
	1. EDH Blvd to Silva Valley Pkwy	20061972	2A	E	2A	CR	640	C	470	C	N
	2. Silva Valley Pkwy to Bass Lake Rd	22292152	4AD	E	4AD	CR	1,200	C	1,100	C	N
SHINGLE SPRINGS DRIVE											
	1. Mother Lode Dr to US 50	23182317	2R	D	2A	RR	600	C	760	C	N
SILVA VALLEY PARKWAY											
	1. Serrano Pkwy to Harvard Way	22032197	4AD	E	4AD	CR	1,600	C	1,300	C	N
	2. Harvard Way to Green Valley Rd	22072162	2A	E	2A	CR	1,000	D	800	C	N
	3. US-50 to Serrano Pkwy	20052006	4AD Section	E	4AD	CR	1,600	C	1,400	C	N
		19782020	2A Section								
SLY PARK ROAD											
	1. Mt Aukum Rd to Clear Creek Rd	28462823	2R	D	2A	RC	310	C	370	C	N
	2. Clear Creek Rd to Mormon Emigrant Tr	30783077	W18	D	2A	RR/RC	200	C	250	C	N
	3. Mormon Emigrant Tr to Park Creek Rd	30773073	2R	E	2A	RR/RC	380	C	460	C	N
	4. Park Creek Rd to US 50	31073094	2R	E	2A	RR/RC	480	C	490	C	N
	5. US 50 to Pony Express Trail	31033101	2R	E	2A	RR/RC	650	C	770	C	N
SNOWS ROAD											
	1. Newtown Rd to Carson Rd	28502840	2R	D	2A	RR	310	C	270	C	N
SOPHIA PARKWAY											
	1. County Line to Green Valley Rd	21722171	2A	E	2A	CR	330	C	670	C	N

DRAFT TDM Results - Scenario 1
Historical Growth Rate with Historical Distribution (approximately 62% within the Community Regions and 38% in the Rural Centers/Regions)

		2013GP MODEL (Future Network, Historic Growth Rate with Historic Distribution)									
ROAD NAME	SEGMENT	A-B	Existing	Gen. Plan	Road Classification	Community Region (CR), Rural Center (RC), Rural Region (RR)	Year 2035	Year 2035	Year 2035	Year 2035	Improvement Required?
		Node Pair	Functional Class (2010)	Max LOS			WKDY AM PK HR 2013 GP Model Two-Directional Volume	WKDY AM PK HR LOS (Using HCM2010)	WKDY PM PK HR 2013 GP Model Two-Directional Volume	WKDY PM PK HR LOS (Using HCM2010)	
SOUTH SHINGLE ROAD											
	1. Latrobe Rd to Brandon Rd	21091980	W18	D	2A	RC/RR	180	C	180	C	N
	2. Brandon Rd to Sunset Ln	22902288	W20	D	2A	RR/CR	570	C	780	C	N
	3. Sunset Ln to Durock Rd	22982302	2R	E	2A	CR	1,100	D	1,500	D	N
	4. Durock Rd to US 50	22982294	2A	E	2A	CR	1,100	D	1,300	D	N
SUNCAST LANE EXTENSION (LATROBE CONNECTION)											
	1. White Rock Rd to Latrobe Rd	20483124	N/A	E	2A	CR	1,800	F	1,900	F	Y
WHITE ROCK ROAD											
	1. County Line to Manchester Dr.	20382037	W18	E	4AD	CR	980	C	1,700	C	N
	2. Manchester Dr. to Latrobe Rd.	20872086	4AD	E	4AD	CR	830	C	1,600	C	N
	3. Latrobe Rd to Silva Valley Pkwy	20882085	4AD	E	6AD	CR	1,600	C	2,400	C	N
STATE HIGHWAYS											
SR 49											
	1. County Line to Sand Ridge Rd	19211935	2R	D	2A	RR/RC	240	C	280	C	N
	2. Sand Ridge Rd to Crystal Blvd	19421943	2R	D	2A	RR	460	C	460	C	N
	3. Crystal Blvd to China Hill Rd	19141915	2R	E	2A	CR	800	C	750	C	N
	4. China Hill Rd to Pleasant Valley Rd	19111934	W22	E	2A	CR	760	C	860	D	N
	5. Pleasant Valley Rd to Missouri Flat Rd	26022619	W22	E	2A	CR	1,200	D	1,100	D	N
	6. Missouri Flat Rd to Pleasant Valley Rd	25792580	2A	E	2A	CR	1,900	F	2,100	F	Y
	7. Pleasant Valley Rd to Placerville City Limits	25642578	2R	E	2A	CR	970	D	890	D	N
	8. Placerville City Limits to Gold Hill Rd	19162727	2R	E/D	2A	CR/RR	460	C	430	C	N
	9. Gold Hill Rd to SR 153	10082436	W22	D	2A	RR/RC	320	C	300	C	N
	10. SR 153 to Marshall Rd	29682986	2R	D	2A	RC/RR	770	C	760	C	N
	11. Marshall Rd to Rattlesnake Bar Rd	29272932	2U	D	2A	RR/RC	430	C	540	C	N
	12. Rattlesnake Bar Rd to SR 193	29502951	W22	D	2A	RC/RR	450	C	440	C	N
	13. SR 193 to County Line	29532954	2R	F	2A	RC/RR	820	C	940	D	N
SR 193											
	1. SR 49 to Greenwood Rd	29522955	2U	D	2A	RC/RR	540	C	660	C	N
	2. Greenwood Rd to Main St (Georgetown)	29253033	2R	D	2A	RC/RR	580	C	600	C	N
	3. Main St (Georgetown) to Shoo Fly Rd	10072721	2R	D	2A	RC/RR	220	C	220	C	N
	4. Shoo Fly Rd to Placerville City Limits	27222724	2R	D	2A	RR	200	C	220	C	N
US HIGHWAY 50											
WB	1. County Line to EDH Blvd/Latrobe Rd	20332034	2F	E	2FA	CR	2,000	B	1,800	B	N
WB	HOV	20512052			HOV	CR	960		1,100		
EB	HOV	20492050			HOV	CR	780		1,000		
EB		20352036	2FA	E	2FA	CR	1,600	B	2,600	B	N
WB	2. EDH Blvd/Latrobe Rd to Bass Lake Rd (Silva Valley Parkway after 2015)	20842091	2F	E/D	2FA	CR	3,200	C	3,200	C	N
WB	HOV	20962097			HOV	CR	720		600		
EB	HOV	20982099			HOV	CR	400		750		
EB		20902081	2FA	E/D	2FA	CR	2,600	B	4,300	D	N
WB	2a. Silva Valley Parkway to Bass Lake Road	154992930	2F	D	2FA	RR	2,700	C	2,700	C	N
WB	HOV	31443132			HOV	RR	490		600		
EB	HOV	31333151			HOV	RR	380		710		
EB		293615498	2F	D	2FA	RR	3,000	C	4,400	D	N
WB	3. Bass Lake Rd to Cambridge Rd	21152116 (31562116)	2F	D/E	2FA	RR/CR	3,800	D	3,700	D	N
WB	HOV	32413242				RR/CR	590		580		
EB	HOV	31603161				RR/CR	380		640		
EB		(21133157)	2F	D/E	2FA	RR/CR	3,500	C	4,100	D	N
WB	4. Cambridge Rd to Cameron Park Dr	19901991 (1552215521)	2F	E	2F	CR	3,300	D	3,300	D	N
WB	HOV	32283229				CR	530		580		
EB	HOV	31733174				CR	370		650		
EB		19951996 (1551715523)	2F	E	2FA	CR	2,700	B	3,600	C	N

DRAFT TDM Results - Scenario 1
Historical Growth Rate with Historical Distribution (approximately 62% within the Community Regions and 38% in the Rural Centers/Regions)

		2013GP MODEL (Future Network, Historic Growth Rate with Historic Distribution)									
ROAD NAME	SEGMENT	A-B	Existing	Gen. Plan	Road Classification	Community Region (CR), Rural Center (RC), Rural Region (RR)	Year 2035	Year 2035	Year 2035	Year 2035	Improvement Required?
		Node Pair	Functional Class (2010)	Max LOS			WKDY AM PK HR 2013 GP Model Two-Directional Volume	WKDY AM PK HR LOS (Using HCM2010)	WKDY PM PK HR 2013 GP Model Two-Directional Volume	WKDY PM PK HR LOS (Using HCM2010)	
WB	5. Cameron Park Dr to Ponderosa Rd	22662267 (226615525)	2F	E	2F	CR	3,300	D	3,800	E	N
WB	HOV					CR	460		480		
EB	HOV					CR	300		500		
EB		22642265 (155242265)	2F	E	2FA	CR	3,000	C	3,600	C	N
WB	6. Ponderosa Rd to Shingle Springs Dr	19971998 (199715532)	2F	E/D	2F	CR/RR	2,300	C	2,900	D	N
WB	HOV					CR/RR	350		440		
EB	HOV					CR/RR	280		450		
EB		19992000 (155312000)	2F	E/D	2F	CR/RR	2,500	C	2,900	D	N
WB	7. Shingle Springs Dr to Greenstone Rd	23852386 (23853207)	2F	D	2F	RR	2,200	C	2,600	C	N
WB	HOV					RR	390		460		
EB	HOV					RR	320		470		
EB		23872369 (32062369)	2F	D	2F	RR	2,300	C	2,700	C	N
WB	8. Greenstone Rd to El Dorado Rd	23752376	2F	D/E	2F	RR/CR	2,400	C	3,100	D	N
EB		23702371	2F	D/E	2F	RR/CR	2,700	C	3,100	D	N
WB	9. El Dorado Rd to Missouri Flat Rd	19441945	2F	E	2F	CR	2,300	C	3,000	D	N
EB		19461947	2F	E	2F	CR	2,600	C	2,900	D	N
WB	10. Missouri Flat Rd to Placerville City Limits	26382639	2F	E	2F	CR	1,700	B	2,200	C	N
EB		26422643	2F	E	2F	CR	2,000	B	2,500	C	N
WB	11. Placerville City Limits to Newtown Rd	25262559	2F	E	2F	CR	1,700	B	1,200	B	N
EB		25602529	2F	E	2F	CR	1,100	B	1,700	B	N
WB	12. Newtown Rd to Carson Rd. (W)	24712783	4M	D	4M	RR	1,700	C	1,200	B	N
EB		25042466		D			1,100	B	1,700	C	N
WB	13. Carson Rd (W) to Carson Rd (E)	28682869	4M	D/E	4M	RC/RR	1,500	C	1,000	B	N
EB		28202866		D/E			960	B	1,500	C	N
WB	14. Carson Rd (E) to Sawmill Rd	28272828	2F	E	2F	RC/RR	1,600	B	1,100	B	N
EB		28292830	2F	E	2F	RC/RR	1,100	B	1,700	B	N
WB	15. Sawmill Rd to Sly Park Rd	10201021	2F	E/D	2F	RR/RC	1,400	B	930	B	N
EB		10181019	2F	E/D	2F	RR/RC	890	B	1,400	B	N
WB	16. Sly Park Rd to Fresh Pond	30703071	4M	E/D	4M	RC/RR	910	B	620	B	N
EB		30693065		E/D		RC/RR	610	B	910	B	N
WB	17. Fresh Pond to Ice House Rd	30623063	4M	D	4M	RR	910	B	620	B	N
EB		30653064		D			620	B	910	B	N
WB	18. Ice House Rd to Echo Lake	31123122	2U	F	2A	RR/RC	1,600	E	1,600	E	N
EB				F							