

EL DORADO COUNTY TDF MODEL - Roadway Capacity Analysis Tool

Version: M99 Model Year: 2025

R8GP - Improvements

ROAD NAME	SEGMENT	LINK	MILEPOST	EXISTING FUNCTIONAL CLASS	BASE YEAR (2001)				IMPROVEMENT			LOS Capacity Thresholds					2025 R8GP - IMPROVEMENTS		
					2001 GP	No. of	WKDY AM PEAK HOUR		Type	Code	HOV	A	B	C	D	E	AM PEAK HOUR		
					LOS CRITERIA	Lanes	COUNT	LOS									VOLUME	LOS	DEFICIENCY
US HIGHWAY 50																			
WB	1. County Line to EDH Blvd/Latrobe Rd	154	0.00 - 0.86	2F	E	2	3,950	F*			13%	1,110	2,010	2,880	3,570	4,010	3,990	E	
EB		155	0.00 - 0.86	2F	E	2	1,620	B			9%	1,110	2,010	2,880	3,570	4,010	2,010	B	
WB	2. EDH Blvd/Latrobe Rd to Bass Lake Rd	156	0.86 - 3.23	2F	E	2	3,830	F*	3-Lane Freeway	3F	13%	1,700	3,080	4,400	5,410	6,060	4,050	C	
EB		157	0.86 - 3.23	2F	E	2	1,300	B			8%	1,110	2,010	2,880	3,570	4,010	3,030	D	
WB	3. Bass Lake Rd to Cambridge Rd	158	3.23 - 4.96	2F	E	2	3,120	D	3-Lane Freeway	3F	10%	1,700	3,080	4,400	5,410	6,060	4,520	D	
EB		159	3.23 - 4.96	2F	E	2	1,990	B			10%	1,110	2,010	2,880	3,570	4,010	3,510	D	
WB	4. Cambridge Rd to Cameron Park Dr	160	4.96 - 6.57	2F	E	2	2,940	D			10%	1,110	2,010	2,880	3,570	4,010	3,860	E	
EB		161	4.96 - 6.57	2F	E	2	1,980	B			10%	1,110	2,010	2,880	3,570	4,010	3,290	D	
WB	5. Cameron Park Dr to Ponderosa Rd	162	6.57 - 8.56	2F	E	2	2,930	D			8%	1,110	2,010	2,880	3,570	4,010	3,150	D	
EB		163	6.57 - 8.56	2F	E	2	1,600	B			5%	1,110	2,010	2,880	3,570	4,010	3,290	D	
WB	6. Ponderosa Rd to Shingle Springs Dr	164	8.56 - 10.30	2F	E	2	2,010	B				1,110	2,010	2,880	3,570	4,010	2,870	C	
EB		165	8.56 - 10.30	2F	E	2	1,190	B				1,110	2,010	2,880	3,570	4,010	3,360	D	
WB	7. Shingle Springs Dr to Greenstone Rd	166	10.30 - 12.19	2F	D	2	1,960	B				1,110	2,010	2,880	3,570	4,010	2,800	C	
EB		167	10.30 - 12.19	2F	D	2	1,300	B				1,110	2,010	2,880	3,570	4,010	2,490	C	
WB	8. Greenstone Rd to El Dorado Rd	168	12.19 - 14.01	2F	E	2	2,010	B				1,110	2,010	2,880	3,570	4,010	2,490	C	
EB		169	12.19 - 14.01	2F	E	2	1,420	B				1,110	2,010	2,880	3,570	4,010	2,810	C	
WB	9. El Dorado Rd to Missouri Flat Rd	170	14.01 - 15.06	2F	E	2	1,910	B				1,110	2,010	2,880	3,570	4,010	2,610	C	
EB		171	14.01 - 15.06	2F	E	2	1,680	B				1,110	2,010	2,880	3,570	4,010	2,330	C	
WB	10. Missouri Flat Rd to Placerville City Limits	172		2F	E	2	2,080	C				1,110	2,010	2,880	3,570	4,010	2,200	C	
EB		173		2F	E	2	2,000	B				1,110	2,010	2,880	3,570	4,010	2,620	C	

* According to Caltrans District 3, these segments operate with LOS F conditions since the prevailing speed is less than 35 mph for at least 30 minutes during the peak period.

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ROAD NAME	SEGMENT	MILEPOST	EXISTING FUNCTIONAL CLASS	2001 GP		BASE YEAR (2001)		IMPROVEMENT			LOS Capacity Thresholds					2025 R8GP - IMPROVEMENTS		
				LOS CRITERIA	No. of Lanes	WKDY PM PEAK HOUR COUNT	LOS	Type	Code	HOV	A	B	C	D	E	PM PEAK HOUR		
																VOLUME	LOS	DEFICIENCY
BASS LAKE ROAD																		
	1. US 50 to Country Club Dr		2A	D	2	430	C	4-Lane Arterial, Divided	4AD		0	0	1,920	3,540	3,740	1,750	C	
	2. Country Club Dr to Bass Lake	-1.608	2R	D	2	430	C	2-Lane Arterial	2A		0	0	970	1,760	1,870	1,070	D	
	3. Bass Lake to Green Valley Rd	1.608 - 3.885	2R	E	2	300	C				90	200	680	1,410	1,740	420	C	
BASS LAKE ROAD, NEW																		
	1. Bass Lake Rd to Green Valley Rd			D				2-Lane Arterial	2A		0	0	970	1,760	1,870	200	C	
BIG CUT ROAD																		
	1. Pleasant Valley Rd to Placerville City Limits		2R	D	2	80	A				90	200	680	1,410	1,740	80	A	
BUCKS BAR ROAD																		
	1. Mt Aukum to Cattle Cr Ln	0.00 - 2.371	2R	D	2	340	C				90	200	680	1,410	1,740	540	C	
	2. Cattle Cr Ln to Pleasant Valley Rd	2.371 - 4.821	2R	D	2	400	C				90	200	680	1,410	1,740	570	C	
CAMBRIDGE ROAD																		
	1. US 50 EB ramps to Country Club Dr	0.00 - 0.36	2A	E	2*	700	C				0	0	970	1,760	1,870	940	C	
	2. Country Club Dr to Oxford Rd	0.36 - 1.67	2A	F	2*	630	C				0	0	970	1,760	1,870	880	C	
	3. Oxford Rd to Green Valley Rd	1.67 - 3.38	2U	E	2*	390	C				120	290	790	1,600	2,050	420	C	
CAMERON PARK DRIVE																		
	1. Durock Rd to Coach Ln	0.00 - 0.134	4AU	F	4*	880	C				0	0	1,750	2,740	2,890	1,980	D	
	2. Coach Ln to Palmer Dr	0.134 - 0.386	4AU	E	4*	1,970	D	4-Lane Arterial, Divided	4AD		0	0	1,920	3,540	3,740	2,680	D	
	3. Palmer Dr to Oxford Rd	0.386 - 1.696	2A	E	2*	1,690	E	4-Lane Arterial, Divided	4AD		0	0	1,920	3,540	3,740	2,420	D	
	4. Oxford Rd to Green Valley Rd	1.696 - 3.463	2U	E	2*	840	D	2-Lane Arterial	2A		0	0	970	1,760	1,870	840	C	
CARSON ROAD																		
	1. Placerville City Limits to Union Ridge Rd	0.00 - 2.079	2R	D	2	190	B				90	200	680	1,410	1,740	240	C	
	2. Union Ridge Rd to US 50	2.079 - 4.359	2R	D	2	200	B				90	200	680	1,410	1,740	210	C	
	3. US 50 to Barkley Rd	4.359 - 5.117	2R	D	2	350	C				90	200	680	1,410	1,740	420	C	
	4. Barkley Rd to Pony Express Tr	5.117 - 6.801	2R	E	2	270	C				90	200	680	1,410	1,740	270	C	
CEDAR RAVINE ROAD																		
	1. Pleasant Valley Rd to Quarry Rd	0.00 - 1.390	2R	D	2	140	B				90	200	680	1,410	1,740	190	B	
	2. Quarry Rd to Placerville City Limits	1.390 - 4.976	2R	D	2	220	C				90	200	680	1,410	1,740	320	C	
COLD SPRINGS ROAD																		
	1. Placerville City Limits to Cool Water Cr	0.00 - 1.362	2R	E	2	390	C				90	200	680	1,410	1,740	660	C	
	2. Cool Water Cr to Gold Hill Rd	1.362 - 4.614	2R	D	2	220	C				90	200	680	1,410	1,740	450	C	
	3. Gold Hill Rd to SR 49	4.614 - 7.337	2R	D	2	170	B				90	200	680	1,410	1,740	260	C	
COUNTRY CLUB DRIVE																		
	1. Bass Lake Rd to Merrychase Dr		2R	D	2*	230	C	2-Lane Arterial	2A		0	0	970	1,760	1,870	740	C	
	2. Merrychase Dr to Cambridge Rd		2R	E	2*	240	C	2-Lane Arterial	2A		0	0	970	1,760	1,870	520	C	
	3. Cambridge Rd to Royal Dr (W)		2R	E	2*	300	C	2-Lane Arterial	2A		0	0	970	1,760	1,870	760	C	
	4. Royal Dr (W) to Cameron Park Dr		2R	E	2*	430	C				90	200	680	1,410	1,740	460	C	
COUNTRY CLUB DRIVE EXTENSION																		
	1. Silva Valley Pkwy to Bass Lake Rd			D				2-Lane Arterial	2A		0	0	970	1,760	1,870	850	C	
DUROCK ROAD																		
	1. Cameron Park Dr to Heinz Rd	0.00 - 0.13	2U	E	2	340	C	2-Lane Arterial	2A		0	0	970	1,760	1,870	1,040	D	
	2. Hines Rd to S Shingle Rd	0.13 - 2.05	2U	E	2	470	C	2-Lane Arterial	2A		0	0	970	1,760	1,870	940	C	
EL DORADO HILLS BLVD																		

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				2001 GP	No. of	WKDY PM PEAK HOUR		Type	Code	HOV	A	B	C	D	E	PM PEAK HOUR		
				LOS CRITERIA	Lanes	COUNT	LOS									VOLUME	LOS	DEFICIENCY
	1. US 50 to Lassen Ln	0.00 - 0.521	4AD	E	5*	2,250	D	6-Lane Arterial, Divided	6A		0	0	2,710	5,320	5,600	4,790	D	
	2. Lassen Ln to Olson Ln	0.521 - 1.636	4AD	E	4*	1,660	C				0	0	1,920	3,540	3,740	1,800	C	
	3. Olson Ln to St Andrews Dr	1.636 - 2.505	4AD	E	4*	1,410	C				0	0	1,920	3,540	3,740	1,410	C	
	4. St Andrews Dr to Francisco Dr	2.505 - 3.640	2A	E	2*	1,220	D	4-Lane Arterial, Divided	4AD		0	0	1,920	3,540	3,740	1,220	C	(1)
	5. Francisco Dr to Green Valley Rd	3.640 - 4.219	2A	E	2*	390	C				0	0	970	1,760	1,870	450	C	
EL DORADO ROAD																		
	1. Pleasant Valley Rd to Mother Lode Dr	0.00 - 0.806	2R	E	2	200	B				90	200	680	1,410	1,740	260	C	
	2. Mother Lode Dr to US 50	0.808 -	2R	E	2	380	C				90	200	680	1,410	1,740	410	C	
	3. US 50 Interchange		2A	D	2	380	C				0	0	970	1,760	1,870	480	C	
	4. US 50 to Missouri Flat Rd	-2.907	2R	E	2	220	C				90	200	680	1,410	1,740	440	C	
	5. Missouri Flat Rd to Green Valley Rd	2.907 - 3.382	2R	E	2	290	C				90	200	680	1,410	1,740	390	C	
FAIRPLAY ROAD																		
	1. Mt Aukum to Omo Ranch Rd	0.00 - 3.021	2R	D	2	170	B				90	200	680	1,410	1,740	170	B	
FORNI ROAD																		
	1. SR49 to Enterprise Dr		2R	E	2	220	C				90	200	680	1,410	1,740	220	C	
	2. Enterprise Dr to Missouri Flat Rd		2R	E	2	360	C				90	200	680	1,410	1,740	400	C	
	3. Missouri Flat Rd to Wamego Rd		2R	E	2	170	B				90	200	680	1,410	1,740	310	C	
	4. Wamego Rd to Placerville City Limits		2R	D	2	120	B				90	200	680	1,410	1,740	310	C	
FRANCISCO DRIVE																		
	1. EDH Blvd to Green Valley Rd		2A	E	2*	950	C	4-Lane Arterial, Divided	4AD		0	0	1,920	3,540	3,740	950	C	
GARDEN VALLEY ROAD																		
	1. SR 193 to Marshall Rd	0.00 - 3.550	2R	D	2	120	B				90	200	680	1,410	1,740	180	B	
GOLD HILL ROAD																		
	1. Lotus Rd to Cold Springs Rd	0.00 - 2.753	2R	D	2	120	B				90	200	680	1,410	1,740	160	B	
	2. Cold Springs Rd to SR 49	2.2753 - 4.449	2R	D	2	30	A				90	200	680	1,410	1,740	30	A	
GREEN VALLEY ROAD																		
	1. County Line to Francisco Dr	0.00 - 1.551	2U	E	2*	2,110	F	4-Lane Arterial, Divided	4AD		0	0	1,920	3,540	3,740	2,140	D	
	2. Francisco Dr to Salmon Falls Rd	1.551 - 1.916	2U	E	2*	1,210	D	4-Lane Arterial, Divided	4AD		0	0	1,920	3,540	3,740	1,420	C	(1)
	3. Salmon Falls Rd to Deer Valley Rd (W)	1.916 - 4.777	2U	E	2*	1,210	D				120	290	790	1,600	2,050	1,600	D	
	4. Deer Valley Rd (W) to Bass Lake Rd	4.777 - 6.199	2U	D	2*	910	D				120	290	790	1,600	2,050	910	D	
	5. Bass Lake Rd to Cameron Park Dr	6.199 - 6.871	2U	E	2*	990	D				120	290	790	1,600	2,050	1,020	D	
	6. Cameron Park Dr to Deer Valley Rd (E)	6.871 - 9.482	2R	E	2*	560	C				90	200	680	1,410	1,740	650	C	
	7. Deer Valley Rd (E) to Lotus Rd	9.482 - 11.008	2R	D	2	650	C				90	200	680	1,410	1,740	1,030	D	
	8. Lotus Rd to Greenstone Rd	11.008 - 15.499	2R	D	2	360	C				90	200	680	1,410	1,740	630	C	
	9. Greenstone Rd to Missouri Flat Rd	15.449 - 16.385	2R	D	2*	550	C				90	200	680	1,410	1,740	700	D	
	10. Missouri Flat Rd to Placerville City Limits	16.385 - 17.435	2R	D	2	440	C				90	200	680	1,410	1,740	650	C	
GREENSTONE ROAD																		
	1. Mother Lode Dr to US 50	0.00 -	2R	D	2	110	B				90	200	680	1,410	1,740	200	B	
	2. US 50 Interchange		2A	D	2	230	C				0	0	970	1,760	1,870	280	C	
	3. US 50 to Green Valley Rd	-2.540	2R	D	2	230	C				90	200	680	1,410	1,740	230	C	
LATROBE ROAD																		
	1. County Line to S Shingle Rd	0.00 - 2.953	2U	D	2	220	B				120	290	790	1,600	2,050	400	C	
	2. S Shingle Rd to Wetsel Oviatt	2.953 - 7.836	2R	D	2	260	C				90	200	680	1,410	1,740	400	C	

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ROAD NAME	SEGMENT	MILEPOST	EXISTING FUNCTIONAL CLASS	2001 GP		BASE YEAR (2001)		IMPROVEMENT			LOS Capacity Thresholds					2025 R8GP - IMPROVEMENTS			
				LOS CRITERIA	Lanes	WKDY PM PEAK HOUR	COUNT	LOS	Type	Code	HOV	A	B	C	D	E	PM PEAK HOUR		
																	VOLUME	LOS	DEFICIENCY
	3. Wetsel Oviatt to Investment Blvd	7.836-8.901	2U	D	2*	330	C	4-Lane Arterial, Undivided	4AU			0	0	1,750	2,740	2,890	780	C	
	4. Investment Blvd to Carson Creek	8.901-10.055	2U	D	2*	640	C	4-Lane Arterial, Divided	4AD			0	0	1,920	3,540	3,740	3,050	D	
	5. Carson Creek to White Rock Rd	10.055 - 10.925	4AD	E	4	1,390	C	6-Lane Arterial, Divided	6A			0	0	2,710	5,320	5,600	5,350	E	
	6. White Rock Rd to US 50	10.925 - 11.40	4AD	E	4*	1,840	C	6-Lane Arterial, Divided	6A			0	0	2,710	5,320	5,600	5,340	E	
LOTUS ROAD																			
	1. Green Valley Rd to Springvale Rd	0.00 - 1.952	2U	D	2	590	C					120	290	790	1,600	2,050	840	D	
	2. Springvale Rd to Thompson Hill Rd	1.952 - 3.656	2U	D	2	370	C					120	290	790	1,600	2,050	500	C	
	3. Thompson Hill Rd to SR 49	3.656 - 6.804	2R	D	2	350	C					90	200	680	1,410	1,740	520	C	
MARSHALL ROAD																			
	1. SR 49 to Mt Murphy Rd	0.00 - 3.736	2R	D	2	240	C					90	200	680	1,410	1,740	290	C	
	2. Mt Murphy Rd to Black Oak Mine Rd	3.736 -	2R	D	2	240	C					90	200	680	1,410	1,740	300	C	
MEDER ROAD																			
	1. Cameron Park Dr to Rosebud Dr	0.00 - 1.351	2R	E	2	330	C					90	200	680	1,410	1,740	400	C	
	2. Rosebud Dr to Ponderosa Rd	1.351 - 2.436	2R	E	2	330	C					90	200	680	1,410	1,740	380	C	
MISSOURI FLAT ROAD																			
	1. Green Valley Rd to El Dorado Rd	0.00 - 1.099	2U	E	2*	480	C					120	290	790	1,600	2,050	650	C	
	2. El Dorado Rd to Headington Rd	1.099 - 1.391	2U	E	2*	710	C					120	290	790	1,600	2,050	970	D	
	3. Headington Rd to US 50	1.391 - 1.716	2A	E	2*	1,670	D	4-Lane Arterial, Divided	4AD			0	0	1,920	3,540	3,740	2,070	D	
	4. US 50 to Mother Lode Dr	1.716 - 1.819	2A	F	3*	2,340	F	4-Lane Arterial, Divided	4AD			0	0	1,920	3,540	3,740	3,260	D	
	5. Mother Lode Dr to China Garden Rd	1.819 - 2.911	4AU	F	4*	2,340	D	4-Lane Arterial, Divided	4AD			0	0	1,920	3,540	3,740	2,910	D	
	6. China Garden Rd to SR 49	2.911 - 3.429	2A	E	2*	1,600	D	4-Lane Arterial, Divided	4AD			0	0	1,920	3,540	3,740	1,230	C	
MISSOURI FLAT ROAD CONNECTOR																			
	1. Missouri Flat Rd to SR-49			E				4-Lane Arterial, Divided	4AD			0	0	1,920	3,540	3,740	1,730	C	
	1. SR-49 to Pleasant Valley Rd			E				4-Lane Arterial, Divided	4AD			0	0	1,920	3,540	3,740	1,280	C	
MORMON EMIGRANT TRAIL																			
	1. Sly Park Rd to 2nd Dam	0.00 - 0.895	2U	D	2	60	A					120	290	790	1,600	2,050	280	B	
MOSQUITO ROAD																			
	1. Placerville City Limits to Union Ridge Rd	0.00 - 1.675	2R	E	2	290	C					90	200	680	1,410	1,740	290	C	
	2. Union Ridge Rd to Rock Creek Rd	1.675 - 8.238	2R	D	2	80	A					90	200	680	1,410	1,740	200	B	
MOTHER LODE DRIVE																			
	1. S Shingle Rd to French Creek Rd	0.00 - 0.462	2U	E	2*	1,300	D					120	290	790	1,600	2,050	1,420	D	
	2. French Crk Rd to Greenstone Rd	0.462 - 2.887	2U	D	2	850	D					120	290	790	1,600	2,050	1,010	D	
	3. Greenstone Rd to Pleasant Valley Rd	2.887 - 4.018	2U	E	2	850	D					120	290	790	1,600	2,050	1,170	D	
	4. Pleasant Valley Rd to El Dorado Rd	4.018 - 4.921	2U	E	2	380	C					120	290	790	1,600	2,050	380	C	
	5. El Dorado Rd to Missouri Flat Rd	4.921 - 6.749	2U	E	2	400	C					120	290	790	1,600	2,050	590	C	
MT AUKUM ROAD																			
	1. County Line to Omo Ranch Rd	0.00 - 1.370	2R	D	2	160	B					90	200	680	1,410	1,740	330	C	
	2.. Omo Ranch Rd to Grizzly Flat Rd	1.370 - 8.848	2R	D	2	300	C					90	200	680	1,410	1,740	480	C	
	3. Grizzly Flat Rd to Sly Park Rd	8.848 - 12.39	2R	D	2	300	C					90	200	680	1,410	1,740	370	C	
NEWTOWN ROAD																			
	1. Pleasant Valley Rd to Snows Rd	0.00 - 0.891	2R	D	2	250	C					90	200	680	1,410	1,740	340	C	
	2. Snows Rd to Weber Creek	0.891 - 5.613	2R	D	2	250	C					90	200	680	1,410	1,740	370	C	
	3. Weber Creek to Placerville City Limits	5.613 - 6.571	2R	E	2	350	C					90	200	680	1,410	1,740	360	C	

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				LOS CRITERIA	Lanes	WKDY PM PEAK HOUR COUNT	LOS	Type	Code	HOV	A	B	C	D	E	PM PEAK HOUR			
																VOLUME	LOS	DEFICIENCY	
NORTH SHINGLE ROAD																			
	1. Ponderosa Rd to Tennessee Dr	0.10 - 2.112	2R	D	2	620	C	Major 2-Lane Highway	2U			120	290	790	1,600	2,050	810	D	
	2. Tennessee Dr to Green Valley Rd	2.112 - 4.067	2R	D	2	440	C	Major 2-Lane Highway	2U			120	290	790	1,600	2,050	700	C	
OMO RANCH ROAD																			
	1. Mt Aukum Rd to Fairplay Rd	0.00 - 8.857	2R	D	2	90	A					90	200	680	1,410	1,740	100	B	
PLEASANT VALLEY ROAD																			
	1. Mother Lode Dr to El Dorado Rd	0.00 - 0.864	2U	E	2*	650	C					120	290	790	1,600	2,050	750	C	
	2. El Dorado Rd to SR 49 (S)	0.864 - 1.281	2U	F	2	650	C					120	290	790	1,600	2,050	1,060	D	
	3. SR 49 (N) to Big Cut Rd	3.500 - 4.955	2U	E	2*	1,320	D					120	290	790	1,600	2,050	1,430	D	
	4. Big Cut Rd to Cedar Ravine Rd	4.955 - 7.914	2R	E	2	760	D					90	200	680	1,410	1,740	1,190	D	
	5. Cedar Ravine Rd to Bucks Bar Rd	7.914 - 8.119	2R	D	2*	760	D					90	200	680	1,410	1,740	1,110	D	
	6. Bucks Bar Rd to Newtown Rd	8.119 - 11.929	2R	D	2*	420	C					90	200	680	1,410	1,740	520	C	
	7. Newtown Rd to Mt Aukum Rd	11.929 - 12.986	2R	D	2*	480	C					90	200	680	1,410	1,740	670	C	
PONDEROSA ROAD																			
	1. US 50 to N Shingle Rd	0.00 - 0.10	2A	E	2*	1,480	D	4-Lane Arterial, Divided	4AD			0	0	1,920	3,540	3,740	1,770	C	
	2. N Shingle Rd to Meder Rd		2R	E	2*	550	D	Major 2-Lane Highway	2U			120	290	790	1,600	2,050	1,060	D	
	3. Meder Rd to Green Valley Rd		2R	D	2*	120	B					90	200	680	1,410	1,740	180	B	
PONY EXPRESS TRAIL																			
	1. Carson Rd to Ridgeway Dr	0.00 - 2.987	2R	E	2	300	C					90	200	680	1,410	1,740	350	C	
	2. Ridgeway Dr to Sly Park Rd	2.987 - 5.471	2R	E	2	600	C					90	200	680	1,410	1,740	650	C	
SALMON FALLS ROAD																			
	1. Green Valley Rd to Lake Hills Dr	0.00 - 0.294	2U	E	2	470	C					120	290	790	1,600	2,050	610	C	
	2. Lake Hills Dr to Manzanita Ln	0.294 - 2.472	2U	E	2	160	B					120	290	790	1,600	2,050	460	C	
	3. Manzanita Ln to Rattlesnake Bar Rd	2.472 - 11.572	2R	D	2	110	B					90	200	680	1,410	1,740	360	C	
SARATOGA WAY EXTENSION																			
	1. County Line to EDH Blvd			E				4-Lane Arterial, Divided	4AD			0	0	1,920	3,540	3,740	2,100	D	
SERRANO PARKWAY																			
	1. EDH Blvd to Silva Valley Pkwy	0.00 - 4.00	2A	E	2*	470	C					0	0	970	1,760	1,870	630	C	
SERRANO PARKWAY EXTENSION																			
	1. Silva Valley Pkwy to Bass Lake Rd			E				2-Lane Arterial	2A			0	0	970	1,760	1,870	270	C	
SHINGLE SPRINGS DRIVE																			
	1. Mother Lode Dr to US 50		2R	D	2	160	B					90	200	680	1,410	1,740	430	C	
	2. US 50 Interchange		2A	D	2	160	C					0	0	970	1,760	1,870	240	C	
SILVA VALLEY PARKWAY																			
	1. Serrano Pkwy to Harvard Way		4AD	E	4*	340	C					0	0	1,920	3,540	3,740	1,660	C	
	2. Harvard Way to Green Valley Rd		2A	E	2	340	C	4-Lane Arterial, Divided	4AD			0	0	1,920	3,540	3,740	1,210	C	(1)
SILVA VALLEY PARKWAY EXTENSION																			
	1. US-50 to Serrano Pkwy			E				4-Lane Arterial, Divided	4AD			0	0	1,920	3,540	3,740	3,000	D	
SLY PARK ROAD																			
	1. Mt Aukum Rd to Clear Creek Rd	0.00 - 1.087	2R	D	2	270	C					90	200	680	1,410	1,740	420	C	
	2. Clear Creek Rd to Mormon Emigrant Tr	1.087 - 6.693	2R	D	2	180	B					90	200	680	1,410	1,740	250	C	
	3. Mormon Emigrant Tr to Park Creek Rd	6.693 - 9.660	2R	E	2	340	C					90	200	680	1,410	1,740	430	C	
	4. Park Creek Rd to US 50	9.665 - 11.284	2R	E	2	470	C					90	200	680	1,410	1,740	560	C	

EL DORADO COUNTY TDF MODEL - Roadway Capacity Analysis Tool

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R8GP - Improvements

ROAD NAME	SEGMENT	MILEPOST	EXISTING FUNCTIONAL CLASS	2001 GP		BASE YEAR (2001)		IMPROVEMENT			LOS Capacity Thresholds					2025 R8GP - IMPROVEMENTS			
				LOS CRITERIA	No. of Lanes	WKDY PM PEAK HOUR COUNT	LOS	Type	Code	HOV	A	B	C	D	E	PM PEAK HOUR			
																VOLUME	LOS	DEFICIENCY	
	5. US 50 to Pony Express Trail	11.284 - 11.461	2R	E	2	630	C					90	200	680	1,410	1,740	630	C	
SNOWS ROAD																			
	1. Newtown Rd to Carson Rd	0.00 - 3.180	2R	E	2	190	B					90	200	680	1,410	1,740	210	C	
SOPHIA PARKWAY																			
	1. County Line to Green Valley Rd			D				4-Lane Arterial, Divided	4AD			0	0	1,920	3,540	3,740	850	C	
SOUTH SHINGLE ROAD																			
	1. Latrobe Rd to Brandon Rd	3.385 - 5.562	2R	D	2	70	A					90	200	680	1,410	1,740	190	B	
	2. Brandon Rd to Sunset Ln	5.562 - 11.395	2R	D	2	200	B					90	200	680	1,410	1,740	250	C	
	3. Sunset Ln to Durock Rd	11.395 - 11.550	2R	E	2*	500	C					90	200	680	1,410	1,740	500	C	
	4. Durock Rd to US 50	11.550 - 11.662	2A	E	2*	1,190	D	4-Lane Arterial, Divided	4AD			0	0	1,920	3,540	3,740	1,190	C	
SUNCAST LANE EXTENSION																			
	1. County Line to White Rock Rd			E				4-Lane Arterial, Divided	4AD			0	0	1,920	3,540	3,740	3,020	D	
	2. White Rock Rd to Latrobe Rd			E				2-Lane Arterial	2A			0	0	970	1,760	1,870	1,470	D	
WHITE ROCK ROAD																			
	1. County Line to Manchester Dr.	0.00 -	2U	E	2	470	C	2-Lane Arterial	2A			0	0	970	1,760	1,870	800	C	
	2. Manchester Dr. to Latrobe Rd.	-1.128	2U	E	2	470	C	4-Lane Arterial, Divided	4AD			0	0	1,920	3,540	3,740	3,150	D	
	3. Latrobe Rd to Silva Valley Pkwy	1.128 - 2.079	2U	E	2	270	B	6-Lane Arterial, Divided	6A			0	0	2,710	5,320	5,600	4,540	D	
SR 49																			
	1. County Line to Sand Ridge Rd	0.00 - 2.82	2R	D	2	270	C					90	200	680	1,410	1,740	450	C	
	2. Sand Ridge Rd to Crystal Blvd	2.82 - 6.126	2R	D	2	340	C					90	200	680	1,410	1,740	490	C	
	3. Crystal Blvd to China Hill Rd	6.126 - 8.35	2R	E	2	340	C					90	200	680	1,410	1,740	720	D	
	4. China Hill Rd to Pleasant Valley Rd	8.35 - 9.64	2A	E	2	470	C					0	0	970	1,760	1,870	720	C	
	5. Pleasant Valley Rd to Missouri Flat Rd	9.64 - 11.24	2A	E	2	1,160	D					0	0	970	1,760	1,870	1,250	D	
	6. Missouri Flat Rd to Pleasant Valley Rd**	11.24 - 11.86	2A	E	2	1,280	D					0	0	970	1,760	1,870	850	C	
	7. Pleasant Valley Rd to Placerville City Limits	11.86 - 14.60	2R	E	2	540	C					90	200	680	1,410	1,740	1,130	D	
	8. Placerville City Limits to Gold Hill Rd	14.60 - 14.89	2R	D	2	300	C					90	200	680	1,410	1,740	300	C	
	9. Gold Hill Rd to SR 153	14.89 - 15.69	2R	D	2	180	B					90	200	680	1,410	1,740	450	C	
	10. SR 153 to Marshall Rd	15.69 - 19.42	2R	D	2	410	C					90	200	680	1,410	1,740	650	C	
	11. Marshall Rd to Rattlesnake Bar Rd	24.48 -	2U	D	2	290	B					120	290	790	1,600	2,050	740	C	
	12. Rattlesnake Bar Rd to SR 193	-34.460	2U	D	2	360	C					120	290	790	1,600	2,050	1,070	D	
	13. SR 193 to County Line	34.46 - 38.23	2R	F	2	970	D					90	200	680	1,410	1,740	1,260	D	
SR 193																			
	1. SR 49 to Greenwood Rd	0.00 - 6.995	2U	D	2	630	C					120	290	790	1,600	2,050	720	C	
	2. Greenwood Rd to Main St (Georgetown)	6.995 - 12.660	2R	D	2	430	C					90	200	680	1,410	1,740	430	C	
	3. Main St (Georgetown) to Shoo Fly Rd	12.660 - 21.437	2R	D	2	170	B					90	200	680	1,410	1,740	250	C	
	4. Shoo Fly Rd to Placerville City Limits	21.437 - 27.056	2R	D	2	210	C					90	200	680	1,410	1,740	310	C	
US HIGHWAY 50																			
WB	1. County Line to EDH Blvd/Latrobe Rd	0.00 - 0.86	2F	E	2	1,730	B	3-Lane Freeway	3F	11%	1,700	3,080	4,400	5,410	6,060	2,200	B		
EB		0.00 - 0.86	2F	E	2	3,900	F*	3-Lane Freeway	3F	14%	1,700	3,080	4,400	5,410	6,060	3,680	C		
WB	2. EDH Blvd/Latrobe Rd to Bass Lake Rd	0.86 - 3.23	2F	E	2	1,460	B	3-Lane Freeway	3F	13%	1,700	3,080	4,400	5,410	6,060	2,930	B		
EB		0.86 - 3.23	2F	E	2	3,760	E	3-Lane Freeway	3F	11%	1,700	3,080	4,400	5,410	6,060	4,210	C		
WB	3. Bass Lake Rd to Cambridge Rd	3.23 - 4.96	2F	E	2	2,350	C	3-Lane Freeway	3F	12%	1,700	3,080	4,400	5,410	6,060	3,630	C		
EB		3.23 - 4.96	2F	E	2	3,320	D	3-Lane Freeway	3F	11%	1,700	3,080	4,400	5,410	6,060	4,560	D		

EL DORADO COUNTY TDF MODEL - Roadway Capacity Analysis Tool

Version: M99 Model Year: 2025

R8GP - Improvements

ROAD NAME	SEGMENT	MILEPOST	EXISTING FUNCTIONAL CLASS	2001 GP		BASE YEAR (2001)		IMPROVEMENT			LOS Capacity Thresholds					2025 R8GP - IMPROVEMENTS			
				LOS CRITERIA	No. of Lanes	WKDY PM PEAK HOUR	COUNT	LOS	Type	Code	HOV	A	B	C	D	E	VOLUME	LOS	DEFICIENCY
WB	4. Cambridge Rd to Cameron Park Dr	4.96 - 6.57	2F	E	2	2,330	C	3-Lane Freeway	3F	12%	1,700	3,080	4,400	5,410	6,060	3,290	C		
EB		4.96 - 6.57	2F	E	2	3,140	D	3-Lane Freeway	3F	11%	1,700	3,080	4,400	5,410	6,060	4,060	C		
WB	5. Cameron Park Dr to Ponderosa Rd	6.57 - 8.56	2F	E	2	1,970	B			10%	1,110	2,010	2,880	3,570	4,010	3,150	D		
EB		6.57 - 8.56	2F	E	2	2,930	D			7%	1,110	2,010	2,880	3,570	4,010	3,430	D		
WB	6. Ponderosa Rd to Shingle Springs Dr	8.56 - 10.30	2F	E	2	1,020	A				1,110	2,010	2,880	3,570	4,010	3,330	D		
EB		8.56 - 10.30	2F	E	2	2,550	C				1,110	2,010	2,880	3,570	4,010	3,250	D		
WB	7. Shingle Springs Dr to Greenstone Rd	10.30 - 12.19	2F	D	2	1,190	B	2-Lane Freeway + Auxilia	2FA		1,410	2,550	3,640	4,490	5,035	2,590	C		
EB		10.30 - 12.19	2F	D	2	2,470	C	2-Lane Freeway + Auxilia	2FA		1,410	2,550	3,640	4,490	5,035	3,000	C		
WB	8. Greenstone Rd to El Dorado Rd	12.19 - 14.01	2F	E	2	1,590	B				1,110	2,010	2,880	3,570	4,010	2,840	C		
EB		12.19 - 14.01	2F	E	2	2,320	C				1,110	2,010	2,880	3,570	4,010	2,820	C		
WB	9. El Dorado Rd to Missouri Flat Rd	14.01 - 15.06	2F	E	2	1,740	B				1,110	2,010	2,880	3,570	4,010	2,440	C		
EB		14.01 - 15.06	2F	E	2	2,160	C				1,110	2,010	2,880	3,570	4,010	2,900	D		
WB	10. Missouri Flat Rd to Placerville City Limits		2F	E	2	2,200	C	2-Lane Freeway + Auxilia	2FA		1,410	2,550	3,640	4,490	5,035	2,930	C		
EB			2F	E	2	2,380	C	2-Lane Freeway + Auxilia	2FA		1,410	2,550	3,640	4,490	5,035	2,430	B		
EB	11. Placerville City Limits to Newtown Rd		2F	E	2	1,330	B				1,110	2,010	2,880	3,570	4,010	1,470	B		
	12. Newtown Rd to Carson Rd. (W)	20.74 - 23.96	4M	D	4	2,580	D	2-Lane Freeway	2F		1,110	2,010	2,880	3,570	4,010	3,150	D		
	13. Carson Rd (W) to Carson Rd (E)	23.96 - 25.95	4M	D	4	2,120	C	2-Lane Freeway	2F		1,110	2,010	2,880	3,570	4,010	2,860	C		
EB	14. Carson Rd (E) to Sawmill Rd	25.95 - 28.84	2F	D	2	1,220	B				1,110	2,010	2,880	3,570	4,010	1,140	B		
EB	15. Sawmill Rd to Sly Park Rd	28.84 - 31.30	2F	D	2	1,010	A				1,110	2,010	2,880	3,570	4,010	1,140	B		
	16. Sly Park Rd to Fresh Pond	31.30 - 33.82	2U	D	3	970	D	4-Lane, Multilane Highway	4M		1,070	1,760	2,530	3,280	3,650	1,590	B		
	17. Fresh Pond to Ice House Rd	33.82 - 39.75	4M	D	4	1,140	B				1,070	1,760	2,530	3,280	3,650	1,510	B		
	18. Ice House Rd to Echo Lake	39.75 - 65.62	2U	F	2	1,340	D				120	290	790	1,600	2,050	2,000	E		

* According to Caltrans District 3, these segments operate with LOS F conditions since the prevailing speed is less than 35 mph for at least 30 minutes during the peak period.

** The observed LOS is worse than reported for the base year conditions.

*** Volume and LOS are dependent on alignment and access. This roadway segment may require four lanes.

(1) Improvement not required due to LOS.