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September 17, 2012

To: John Knight, Supervisor, District 1
Ray Nutting, Supervisor, District 2
Jack Sweeney, Supervisor, District 3
Ron Briggs, Supervisor, District 4
Norma Santiago, Supervisor, District 5

From: Steve Kooyman, Acting Deputy Director, Transportation Planning and Land
Development Division 
Claudia Wade, Senior Civil Engineer, Transportation Planning and Land
Development Division 

Subject: Traffic Impact Mitigation Fee Program Projects

At the August 28, 2012 Board of Supervisors hearing, staff was directed to provide a list of Traffic Impact Mitigation (TIM) Fee projects and a map that correlates to the list. The County roadway projects will be analyzed using the Travel Demand Model (TDM). The roadways will be discussed at the September 25, 2012 Board of Supervisors hearing as part of the TDM update.

As part of the discussion of the County roadway projects, the Department of Transportation (DOT) has provided a County-wide circulation map. This map was adopted as Figure TC-1 in the 2004 General Plan, and has been modified to include intersection improvements, turn-pocket, and two-way left-turn lane improvements that are currently in the TIM Fee program.

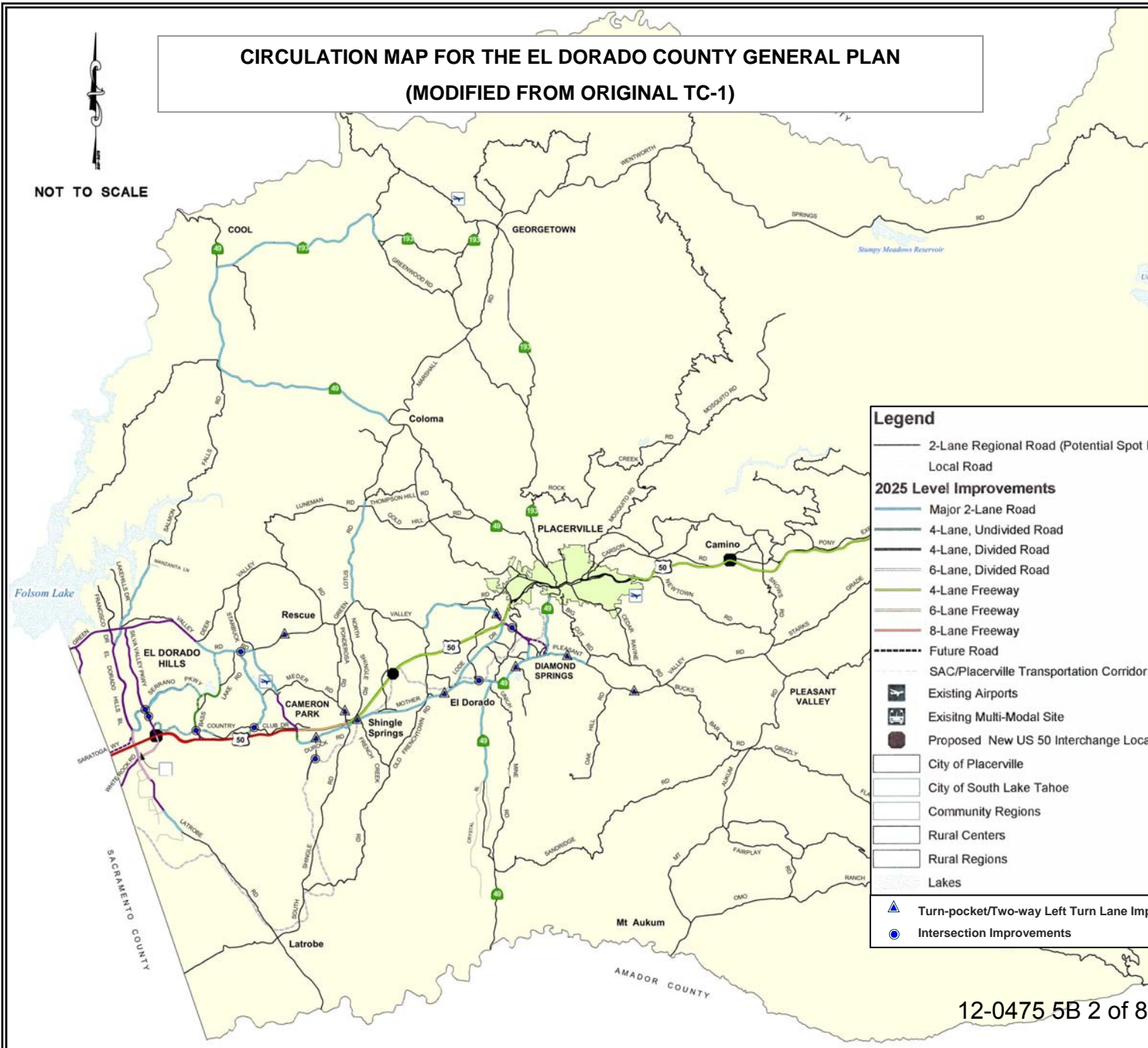
A table has been included to describe the TIM Fee program projects in further detail. The table was modified from the 2012 TIM Fee program Exhibit B, as adopted on February 14, 2012. The table includes the following information:

- Project name
- 2025 level improvements as specified on Figure TC-1
- Road segment limits
- Description of project
- Cost estimate
- TIM Fee program cost allocation
- General location of the project

cc: Kim Kerr, Interim Director, Department of Transportation

CIRCULATION MAP FOR THE EL DORADO COUNTY GENERAL PLAN (MODIFIED FROM ORIGINAL TC-1)

NOT TO SCALE



Legend

- 2-Lane Regional Road (Potential Spot Improvements)
- Local Road
- 2025 Level Improvements**
- Major 2-Lane Road
- 4-Lane, Undivided Road
- 4-Lane, Divided Road
- 6-Lane, Divided Road
- 4-Lane Freeway
- 6-Lane Freeway
- 8-Lane Freeway
- - - Future Road
- - - SAC/Placerville Transportation Corridor
- Existing Airports
- Existing Multi-Modal Site
- Proposed New US 50 Interchange Location
- City of Placerville
- City of South Lake Tahoe
- Community Regions
- Rural Centers
- Rural Regions
- Lakes
- Turn-pocket/Two-way Left Turn Lane Improvements
- Intersection Improvements

Traffic Impact Mitigation Fee Program Projects

					Allocation of Cost/Percentage				
					Cost Estimate	2004 TIM	2004 EDH TIM	2004 Hwy 50 TIM	
ROAD NAME	2025 LEVEL IMPROVEMENTS FROM 2004 GENERAL PLAN FIGURE TC-1	LIMITS	DESCRIPTION OF PROJECT	TOTAL (millions of dollars)	%	%	%	AREA	
Bass Lake Rd*	Undivided 4 Lanes	US 50 to Hollow Oak Rd	2 Lanes with unimproved median and 4 foot paved shoulders.	\$5.3		100%		EDH	
Bass Lake Rd*		US 50 to Silver Springs Pkwy	Widen 2 lane roadway to a 4 lane divided roadway. Improvements include curb, gutter and sidewalk.	\$15.4		100%		EDH	
Bass Lake Rd*	Major 2 Lanes	Hollow Oak Rd to Bass Lake Hills Specific Plan north boundary	2 Lanes with 8 foot unimproved median and 4 foot paved shoulders.	\$5.3		100%		EDH	
Bass Lake Rd*		Bass Lake Hills Specific Plan north boundary to Silver Springs Pkwy	2 Lanes with 8 foot unimproved median and 4 foot paved shoulders.	\$2.1		100%		EDH	
Cameron Park Dr*	Undivided 4 Lanes	Durock Rd to Coach Ln	Widen 3 lane divided roadway to a modified 4 lane divided roadway. Improvements include curb, gutter, and sidewalk.	\$7.4	100%			CMPK	
Cameron Park Dr*	Divided 4 Lanes	Palmer Dr to Oxford Rd	Widen 2 lane roadway to a 4 lane divided roadway. Project does not include curb, gutter and sidewalk.	\$12.5	100%			CMPK	
Country Club Dr*	2 Lanes	West Bass Lake Hills Specific Plan Boundary to Silver Dove Rd	2 lanes with 6-foot paved shoulders. Includes construction of new intersection at Bass Lake Rd.	\$5.7		100%		CMPK	
Country Club Dr*		Silver Dove Rd to Bass Lake Rd	2 lanes with 6-foot paved shoulders. Includes construction of new intersection at Bass Lake Rd.	\$1.2		100%		CMPK	
Country Club Dr*		Bass Lake Rd to east Bass Lake Hills Specific Plan Boundary	Realign existing Country Club Dr - 2 lanes with 6-foot paved shoulders.	\$5.4		100%		CMPK	
Country Club Dr	2 Lanes	Country Club Dr / Cameron Park Dr Intersection	Left turn lane for eastbound traffic on Country Club Dr and right turn for southbound Cameron Park Dr and signal modification.	\$2.5	100%			CMPK	
Diamond Springs Pkwy	4 Lanes	Missouri Flat Rd to SR 49 and SR 49 to Pleasant Valley Rd	New 4 lane road. No curb, gutter or sidewalk.	\$29.0	100%			D SPGS	
Durock Rd*	2 Lanes (added lane for 2 way left turn lane)	Robin Ln to South Shingle Rd	Widen to add two-way left turn lane. No curb, gutter or sidewalk.	\$7.5	100%			S SPGS	
Durock Rd*		Business Dr / Durock Rd Intersection	Signalization and intersection improvements / turn lanes on Durock Rd.	\$2.1	100%			S SPGS	
El Dorado Hills Blvd*	6 Lanes	Park Dr to Serrano Pkwy / Lassen Ln	Add 3rd southbound lane. Improvements include curb, gutter and sidewalk.	\$1.1		100%		EDH	
El Dorado Hills Blvd*	4 Lanes	Wilson Blvd / El Dorado Hills Blvd Intersection	Signalization and intersection improvements.	\$0.5		100%		EDH	

* Grouped projects, in gray, indicate continuous segments of the same road.

Traffic Impact Mitigation Fee Program Projects

					Allocation of Cost/Percentage				
					Cost Estimate	2004 TIM	2004 EDH TIM	2004 Hwy 50 TIM	
ROAD NAME	2025 LEVEL IMPROVEMENTS FROM 2004 GENERAL PLAN FIGURE TC-1	LIMITS	DESCRIPTION OF PROJECT	TOTAL (millions of dollars)	%	%	%	AREA	
Bass Lake Rd*	Undivided 4 Lanes	US 50 to Hollow Oak Rd	2 Lanes with unimproved median and 4 foot paved shoulders.	\$5.3		100%		EDH	
Bass Lake Rd*		US 50 to Silver Springs Pkwy	Widen 2 lane roadway to a 4 lane divided roadway. Improvements include curb, gutter and sidewalk.	\$15.4		100%		EDH	
Bass Lake Rd*	Major 2 Lanes	Hollow Oak Rd to Bass Lake Hills Specific Plan north boundary	2 Lanes with 8 foot unimproved median and 4 foot paved shoulders.	\$5.3		100%		EDH	
Bass Lake Rd*		Bass Lake Hills Specific Plan north boundary to Silver Springs Pkwy	2 Lanes with 8 foot unimproved median and 4 foot paved shoulders.	\$2.1		100%		EDH	
Cameron Park Dr*	Undivided 4 Lanes	Durock Rd to Coach Ln	Widen 3 lane divided roadway to a modified 4 lane divided roadway. Improvements include curb, gutter, and sidewalk.	\$7.4	100%			CMPK	
Cameron Park Dr*	Divided 4 Lanes	Palmer Dr to Oxford Rd	Widen 2 lane roadway to a 4 lane divided roadway. Project does not include curb, gutter and sidewalk.	\$12.5	100%			CMPK	
Country Club Dr*	2 Lanes	West Bass Lake Hills Specific Plan Boundary to Silver Dove Rd	2 lanes with 6-foot paved shoulders. Includes construction of new intersection at Bass Lake Rd.	\$5.7		100%		CMPK	
Country Club Dr*		Silver Dove Rd to Bass Lake Rd	2 lanes with 6-foot paved shoulders. Includes construction of new intersection at Bass Lake Rd.	\$1.2		100%		CMPK	
Country Club Dr*		Bass Lake Rd to east Bass Lake Hills Specific Plan Boundary	Realign existing Country Club Dr - 2 lanes with 6-foot paved shoulders.	\$5.4		100%		CMPK	
Country Club Dr	2 Lanes	Country Club Dr / Cameron Park Dr Intersection	Left turn lane for eastbound traffic on Country Club Dr and right turn for southbound Cameron Park Dr and signal modification.	\$2.5	100%			CMPK	
Diamond Springs Pkwy	4 Lanes	Missouri Flat Rd to SR 49 and SR 49 to Pleasant Valley Rd	New 4 lane road. No curb, gutter or sidewalk.	\$29.0	100%			D SPGS	
Durock Rd*	2 Lanes (added lane for 2 way left turn lane)	Robin Ln to South Shingle Rd	Widen to add two-way left turn lane. No curb, gutter or sidewalk.	\$7.5	100%			S SPGS	
Durock Rd*		Business Dr / Durock Rd Intersection	Signalization and intersection improvements / turn lanes on Durock Rd.	\$2.1	100%			S SPGS	
El Dorado Hills Blvd*	6 Lanes	Park Dr to Serrano Pkwy / Lassen Ln	Add 3rd southbound lane. Improvements include curb, gutter and sidewalk.	\$1.1		100%		EDH	
El Dorado Hills Blvd*	4 Lanes	Wilson Blvd / El Dorado Hills Blvd Intersection	Signalization and intersection improvements.	\$0.5		100%		EDH	

* Grouped projects, in gray, indicate continuous segments of the same road.

Traffic Impact Mitigation Fee Program Projects

					Allocation of Cost/Percentage				
					Cost Estimate	2004 TIM	2004 EDH TIM	2004 Hwy 50 TIM	
ROAD NAME	2025 LEVEL IMPROVEMENTS FROM 2004 GENERAL PLAN FIGURE TC-1	LIMITS	DESCRIPTION OF PROJECT	TOTAL (millions of dollars)	%	%	%	AREA	
El Dorado Hills Blvd*	4 Lanes	Olson Ln / El Dorado Hills Blvd Intersection	Signalization and intersection improvements.	\$0.6		100%		EDH	
El Dorado Hills Blvd	Not on TC-1	Francisco Dr / El Dorado Hills Intersection	Realign El Dorado Hills Blvd and Francisco Dr intersection & extend 4 lanes on Francisco Dr to Green Valley Rd. Add curb, gutter and sidewalk.	\$9.5		100%		EDH	
Green Valley Rd*	4 Lanes	North side of Green Valley Rd from Francisco Dr to 780 feet easterly	North half of ultimate 4 lane road section with curb, gutter, sidewalk and median.	\$0.0		100%		EDH	
Green Valley Rd*		Salmon Falls Rd to Deer Valley Rd (West)	Widen 2 lane roadway to a 4 lane undivided roadway. Project does not include curb, gutter and sidewalk.	\$12.6		100%		EDH	
Green Valley Rd*		County Line to Francisco Dr	Complete four lane widening from west of Sophia Pkwy to Francisco Dr.	\$9.3		100%		EDH	
Green Valley Rd*		Francisco Dr to Salmon Falls Rd	Widen 2 lane roadway to a 4 lane undivided roadway. Improvements include curb, gutter and sidewalk.	\$1.9		100%		EDH	
Green Valley Rd	Not on TC-1	Cambridge Rd / Green Valley Rd Intersection	Signalization and intersection improvements.	\$0.6	100%			CMPK	
Green Valley Rd	Not on TC-1	Deer Valley Rd (East) to Lotus Rd	Upgrade to wider lanes and wider paved shoulders. Add 6 turn pockets.	\$4.8	100%			RESCUE	
Headington Rd Extension	Not on TC-1	Missouri Flat Rd to El Dorado Rd	New 2 lane arterial with median. Does not include curb, gutter and sidewalk.	\$10.3	100%			PVILLE	
Latrobe Rd*	4 Lanes - divided	Investment Blvd to Golden Foothill Pkwy (South)	Widen to 4 lane divided roadway. Add curb, gutter and sidewalk.	\$3.5		100%		EDH	
Latrobe Rd*	4 Lanes	Golden Foothill Pkwy (South) to Suncastr Ln	Widen to 4 lane divided roadway and signalization at Latrobe Rd and Golden Foothill Pkwy.	\$11.6		100%		EDH	
Latrobe Rd	6 Lanes - divided	Carson Creek (Suncastr Ln) to White Rock Rd	Widen from 4 to 6 lane divided roadway with four-foot shoulders.	\$9.0		100%		EDH	
Latrobe Rd	Not on TC-1	Latrobe Rd / White Rock Rd Intersection	Included in White Rock Rd, Manchester Dr to Latrobe Rd, and Latrobe Rd, White Rock Rd to US 50.	\$0.0		100%		EDH	
Latrobe Rd	Not on TC-1	White Rock Rd to Towncenter Blvd	1 lane northbound, included in White Rock Rd, Manchester Dr to Latrobe Rd, and Latrobe Rd, White Rock Rd to US50.	\$0.0		100%		EDH	
Latrobe Rd	6 Lanes - divided	White Rock Rd to US 50	Widening and restriping to 6 lane roadway; includes intersection improvements at White Rock Rd.	\$3.5		100%		EDH	
Latrobe Rd/ White Rock Rd Connector	Not on TC-1	Latrobe Rd to White Rock / US 50	New road connecting Latrobe Rd to White Rock Rd - possibly to US 50. The connection to Latrobe Rd is in the vicinity of the south half of El Dorado Hills Business Park.	\$19.4		100%		EDH	

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Traffic Impact Mitigation Fee Program Projects

				Allocation of Cost/Percentage				
				Cost Estimate	2004 TIM	2004 EDH TIM	2004 Hwy 50 TIM	
ROAD NAME	2025 LEVEL IMPROVEMENTS FROM 2004 GENERAL PLAN FIGURE TC-1	LIMITS	DESCRIPTION OF PROJECT	TOTAL (millions of dollars)	%	%	%	AREA
Missouri Flat Rd	Not on TC-1	Golden Center Dr	Signalization at the intersection of Missouri Flat Rd and Golden Center Dr.	\$0.4	100%			PVILLE
Missouri Flat Rd	Not on TC-1	El Dorado Rd to Headington Rd	Add two-way left turn lane. No curb, gutter or sidewalk.	\$1.2	100%			PVILLE
Missouri Flat Rd	4 Lanes	Golden Center Dr to China Garden Rd	Widen from 2-lane undivided roadway to a 4-lane divided roadway. Included in Diamond Springs Pkwy.	\$0.0	100%			D SPGS
Mother Lode Dr	Not on TC-1	South Shingle Rd to French Creek Rd	Add left turn pockets/two-way left turn lane and some shoulder work. No curb, gutter or sidewalk.	\$2.3	100%			S SPGS
Mother Lode Dr	Not on TC-1	Greenstone Rd to Pleasant Valley Rd	Add two-way left turn lane. No curb, gutter or sidewalk.	\$3.9	100%			PVILLE
Mother Lode Dr	Not on TC-1	El Dorado Rd and Mother Lode Dr intersection	Signalization and intersection improvements.	\$0.6	100%			D SPGS
Pleasant Valley Rd	Not on TC-1	El Dorado Rd to SR 49 (in El Dorado)	Add two-way left turn lane for 0.25 miles on west end and widen shoulders. No curb, gutter or sidewalk.	\$1.1	100%			D SPGS
Pleasant Valley Rd	Not on TC-1	SR 49 (in Diamond Springs) to Big Cut Rd	Add 3 left turn pockets, 0.5 miles of two-way left turn lane and widen shoulders along route segment. No curb, gutter or sidewalk.	\$5.0	100%			D SPGS
Pleasant Valley Rd	Not on TC-1	Big Cut Rd to Cedar Ravine Rd	Add 7 left turn pockets.	\$2.3	100%			D SPGS
Ponderosa Rd	Not on TC-1	North Shingle Rd to Meder Rd	Add 4 left turn pockets and 0.3 miles of two-way left turn lane and shoulders.	\$2.8	100%			S SPGS
Runnymede Dr	Not on TC-1	Runnymede Dr at El Dorado Rd	Realign approximately 1,000 feet of Runnymede Drive to move the road intersection to the south.	\$1.9	100%			EL DORADO
Saratoga Wy	4 Lanes	County Line to El Dorado Hills Blvd	Extend existing Saratoga Way to connect to Iron Point Road and widen to 4 lanes with curb, gutter and sidewalk.	\$16.1		100%		EDH
Silva Valley Pkwy	Not on TC-1	Silva Valley Pkwy / Serrano Pkwy Intersection	Signalization and intersection improvements.	\$0.0		100%		EDH
Silva Valley Pkwy	Not on TC-1	Silva Valley Pkwy / Harvard Wy Intersection	Signalization and intersection improvements.	\$0.2		100%		EDH
Silva Valley Pkwy	4 Lanes - divided	US 50 to Serrano Pkwy	Widen 2 lane to 4 lane divided roadway. Add curb, gutter and sidewalk.	\$1.3		100%		EDH
Silver Springs Pkwy	Not on TC-1	Existing Bass Lake Rd to South end of Silver Springs Subdivision	Two lane standard divided with shoulders.	\$5.2	100%			EDH
Silver Springs Pkwy	Not on TC-1	South end of Silver Springs Subdivision to Green Valley Rd	Two lane standard divided with shoulders.	\$5.8	100%			EDH

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Traffic Impact Mitigation Fee Program Projects

				Allocation of Cost/Percentage				
				Cost Estimate	2004 TIM	2004 EDH TIM	2004 Hwy 50 TIM	
ROAD NAME	2025 LEVEL IMPROVEMENTS FROM 2004 GENERAL PLAN FIGURE TC-1	LIMITS	DESCRIPTION OF PROJECT	TOTAL (millions of dollars)	%	%	%	AREA
Silver Springs Pkwy	Not on TC-1	Silver Springs Pkwy / Green Valley Rd intersection	Signalization and intersection improvements (Included in Silver Springs Pkwy, South end of Silver Springs Subdivision to Green Valley Rd).	\$0.0	100%			EDH
Sophia Pkwy	4 Lanes	Alexandra Dr to Green Valley Rd	Construct 4 lane divided roadway.	\$3.2		100%		EDH
State Route 49	Not on TC-1	SR 193 (in Cool) to County Line (north)	Add 2 passing lanes/climbing lanes.	\$3.5	100%			COOL
State Route 49	Not on TC-1	Pleasant Valley Rd (in El Dorado) to Missouri Flat Rd	Add two-way left turn lane/shoulders.	\$7.9	100%			D SPGS
State Route 49 at Missouri Flat Rd	Not on TC-1	Intersection of SR 49 and Missouri Flat Rd	Intersection frontage improvements.	\$0.2	100%			PVILLE
US Highway 50*	4 Lane Freeway and new Interchange	Through Camino	Preliminary planning, engineering and environmental analysis for conversion of expressway to freeway and future construction of a new interchange.	\$2.0			100%	CAMINO
US Highway 50 HOV Lanes*	8 Lanes	County Line to Cameron Park Dr	Add 1 westbound HOV and 1 eastbound HOV lane.	\$44.4			100%	EDH, CMPK
US Highway 50 Auxiliary Lanes*	Not on TC-1	Empire Ranch to Silva Valley westbound	Add auxiliary lane between major interchanges.	\$5.0			100%	EDH
White Rock Rd*	6 Lanes	Latrobe to US 50	Upgrade White Rock Road to a two lane - County standard roadway with no median.	\$2.4		100%		EDH
White Rock Rd*		Latrobe Rd to US 50 (SVP I/C)	Widen 2 lane to 6 lane divided roadway. Includes curb, gutter, and sidewalk.	\$28.6		100%		EDH
White Rock Rd*	4 Lanes	County line to Manchester Dr	Widen 2 to 4 lanes divided roadway.	\$8.6		100%		EDH
White Rock Rd*		Manchester Dr to Latrobe Rd	Realign and widen 2 lane to 4 lane divided roadway and intersection improvements.	\$7.0		100%		EDH

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Traffic Impact Mitigation Fee Program Projects

					Allocation of Cost/Percentage				
					Cost Estimate	2004 TIM	2004 EDH TIM	2004 Hwy 50 TIM	
ROAD NAME	2025 LEVEL IMPROVEMENTS FROM 2004 GENERAL PLAN FIGURE TC-1	LIMITS	DESCRIPTION OF PROJECT	TOTAL (millions of dollars)	%	%	%	AREA	
Interchange Projects:									
Bass Lake Rd	Interchange	Interchange with US 50	Modify existing interchange by widening off-ramps to provide turn lanes, widen on-ramps for ramp metering and HOV bypass lanes, install traffic signals, add eastbound aux lane Bass Lake to Cambridge and lengthen bridges.	\$36.0	25%	25%	50%	EDH	
Cambridge Rd	Interchange	Interchange with US 50	Modify existing interchange by installing traffic signals, construct w/b slip on-ramp, widen off-ramps to provide turn lanes, widen on-ramps for ramp metering and HOV bypass lane, add westbound aux lane Bass Lake to Cambridge and widen bridge.	\$21.2	50%		50%	CMPK	
Cameron Park Dr	Interchange	Interchange with US 50	Modify existing interchange by widening off-ramps for turn lanes, widen on-ramps for ramp metering and HOV bypass lanes, add eastbound aux lanes Cambridge to Ponderosa and lengthen bridges.	\$59.5	50%		50%	CMPK	
El Dorado Hills Blvd	Interchange	Interchange with US 50	Phase 1.2B - Enhancements to existing ramps. Lengthen bridge (This work and cost thereof have been incorporated in "El Dorado Hills Blvd. Interchange with US 50", "Phase 2 Ultimate").	\$0.0		100%		EDH	
El Dorado Hills Blvd	Interchange	Interchange with US 50	Phase 1.3 and Phase 2 Ultimate. Add new westbound ramps, widen and extend eastbound ramps, widen Latrobe Rd to 6 lanes and add turn lanes. Includes pedestrian overcrossing.	\$28.7		100%		EDH	
El Dorado Rd	Interchange	Interchange with US 50	Modify existing interchange to ultimate improvements: add traffic signals to the ramps, widen ramps for turn lanes, and widen bridge.	\$8.7	50%		50%	EL DORADO	
Missouri Flat Rd	Interchange	Interchange with US 50	Modify existing interchange to tight diamond configuration (Phase 1A and 1B).	\$72.7	50%		50%	PVILLE	
Ponderosa Rd	Interchange	Interchange with US 50	Modify existing interchange by widening ramps and priority turn lanes, relocate N Shingle Rd and Durock Rd and widen bridge.	\$28.5	50%		50%	S SPGS	
Silva Valley Pkwy	Interchange	Interchange with US 50	Construct new interchange with overcrossing and ramps. Add aux lanes eastbound El Dorado Hills to existing truck climbing lane and west bound El Dorado Hills to Silva Valley.	\$70.5		100%		EDH	
Other Projects									
Bridge Replacement and Rehabilitation	Not on TC-1	Various Locations		\$8.1	100.00%			VARIOUS	
Fee Program Development and Updates	N/A	N/A	Includes annual update and five year major review.	\$8.4	37.06%	40.29%	22.65%	N/A	
Traffic Signals, operational and safety Improvements	Not on TC-1	Various Locations	Example Projects: Construct new or upgrade existing Traffic Signals, seed funding Intelligent Transportation Systems (ITS) projects, local match funding for safety improvements proportional to new development's impacts.	\$89.3	66.67%	33.33%		VARIOUS	
Transit Service Improvements	N/A	N/A	Example Projects: New bus fleet expansion and park and ride lots.	\$10.5			100.00%	N/A	
PROGRAM TOTAL				\$804.3					

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