

Table 6: Bridge Replacement Projects

River	Crossing	2017 Total Cost	Inflation		Project Cost Adjustment ²	Total Cost
			Inflation Adjustment (2017 - 2019) ¹			
Indian Creek	Green Valley Rd	\$ 5,618,000	\$ 196,630		\$	\$ 5,814,630
Mound Springs Creek	Green Valley Rd	\$ 5,638,000	\$ -	\$ 405,000	\$	\$ 6,043,000
Weber Creek	Green Valley Rd	\$ 12,115,000	\$ -	\$ (200,000)	\$	\$ 11,915,000
South Fork American River	Salmon Falls Rd	\$ 11,182,500	\$ 391,388		\$	\$ 11,573,888
Clear Creek	Sly Park Rd	\$ 6,804,000	\$ -	\$ (258,000)	\$	\$ 6,546,000
A-4	Cedar Ravine Rd	\$ 3,248,000	\$ 113,680		\$	\$ 3,361,680
Carson Creek	White Rock Rd	\$ 4,792,500	\$ 167,738		\$	\$ 4,960,238
North Fork Cosumnes River	Mt. Aukum Rd	\$ 4,792,500	\$ 167,738		\$	\$ 4,960,238
North Fork Cosumnes River	Bucks Bar Rd	\$ 8,556,000	\$ 299,460	\$ -	\$	\$ 8,855,460
Total		\$ 62,746,500	\$ 1,336,633	\$ (53,000)	\$	\$ 64,030,133
New Development Share ¹						11.47%
TIM Fee Program Share					\$	\$ 7,344,256

¹ Inflation adjustment is 3.5% based on the Engineering News-Record Building Cost Index between November 2017 and January 2019.
² Project cost adjustments were provided by the Department of Transportation and based on the 2019 CIP.
³ Development share based on federal funding for 88.53 percent of total costs. The remaining share is 11.47 percent. This share is less than the TIM Fee Program share that could be allocated of 20 percent based on EDUs from new development in 2035 as a percent of total EDUs in 2035.

Sources: County of El Dorado, Engineering News-Record.

Table 7: Intersection & Safety Improvements

	Cost per Location¹	Inflation Adjustment¹	2019 Cost per Intersection²	New Development Share³	New Development Cost per Location	Number of Locations	TIM Fee Program Share
Intersection Tier 1 - Existing Deficiency	\$ 1,917,000	\$ 67,095	\$ 1,984,095	20%	\$ 396,819	3	\$ 1,190,457
Intersection Tier 2 - Future Deficiency	\$ 1,917,000	\$ 67,095	\$ 1,984,095	100%	\$ 1,984,095	19	37,697,805
Safety Improvements	\$ 1,196,000	\$ 41,860	\$ 1,237,860	20%	\$ 247,572	10	<u>2,475,720</u>
TIM Fee Program Share							\$ 41,363,982

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¹ Inflation adjustment is 3.5% based on the Engineering News-Record Building Cost Index between November 2017 and January 2019.

² Based on \$350,000 for signalization plus \$1,450,000 for channelization. Includes intelligent transportation systems (ITS).

³ To avoid funding to correct an existing deficiency and to fund only that share that benefits new development, TIM Fee Program share for Tier 1 intersections is based only on EDUs from new development in 2035 as a percent of total EDUs in 2035.

Sources: Engineering News-Record; County of El Dorado; Table 5.

Table 8: Transit Capital Projects

	Amount	Unit Cost	2017 Total Cost	Inflation Adjustment (2017 - 2019) ¹	Project Cost Adjustment ²	Total Cost	New Development Share ¹	TIM Fee Program Share
County Line Transit Center ²								
Land			\$ 1,875,000					
Construction			4,200,000					
Total			\$ 6,075,000	\$ 212,625		\$ 6,287,625	20%	\$ 1,257,525
Cameron Park Park-and Ride ²			\$ 3,650,000	\$ 127,750		\$ 3,777,750	20%	755,550
A-4			\$ 287,550	\$ 10,064		\$ 297,614	100%	297,614
Vehicles Required for Service Expansion ³								
Dial-A-Ride Vans	10	\$ 44,730	\$ 447,300	\$ 15,656		\$ 462,956		
Local Route Buses	7	343,995	\$ 2,407,965	\$ 84,279		\$ 2,492,244		
Commuter Bus	1	532,500	\$ 532,500	\$ 18,638		\$ 551,138		
Total			\$ 3,387,765	\$ 118,572		\$ 3,506,337	100%	3,506,337
Total			\$ 13,400,315	\$ 469,011		\$ 13,869,326		\$ 5,817,026

¹ Inflation adjustment is 3.5% based on the Engineering News-Record Building Cost Index between November 2017 and January 2019.

² Project cost adjustments were provided by the El Dorado County Transit Authority and based on the Park-and-Ride Master Plan (2017).

³ For capital projects that benefit existing and new development, TIM Fee Program share is based only on EDUs from new development in 2035 as a percent of total EDUs in 2035.

⁴ Facilities serve existing and new development so share assigned to TIM Fee Program based on new EDUs as a percent of total EDUs in 2035.

⁵ Costs based on Western El Dorado County Short- and Long-Range Transit Plan (2014). Transfer point and vehicle fleet are expansion projects to serve new development so costs allocated

Sources: El Dorado County Transit Authority; Engineering News-Record; Table 5.

Table 9: TIM Fee Capital Improvement Program (CIP) Project Costs

Map ID	CIP Project No.	Project Name	From	To	2018 Total Cost	Inflation Adjustment ¹	Project Cost Adjustment ²	2019 Total Cost	Other Funding ³	Net Cost
Hwy 50 Auxiliary Lanes										
A-1	53125	Aux. Lane Eastbound	County Line	El Dorado Hills Blvd IC	\$ 6,933,683	\$ 242,679		\$ 7,176,362	\$ -	\$ 7,176,000
A-2	GP148	Aux. Lane Eastbound	Bass Lake Rd IC	Cambridge Rd IC	\$ 9,404,483	\$ 329,157		\$ 9,733,640	-	\$ 9,734,000
A-3	53126	Aux. Lane Eastbound	Cambridge Rd IC	Cameron Park Dr IC	\$ 9,311,828	\$ 325,914		\$ 9,637,742	-	\$ 9,638,000
A-4	53127	Aux. Lane Eastbound	Cameron Park Dr IC	Ponderosa Rd IC	\$ 8,925,765	\$ 312,402		\$ 9,238,167	-	\$ 9,238,000
A-5	53128	Aux. Lane Westbound	Ponderosa Rd IC	Cameron Park Dr IC	\$ 9,543,465	\$ 334,021		\$ 9,877,486	-	\$ 9,877,000
A-6	53US50	Aux. Lane Westbound	Cameron Park Dr IC	Cambridge Rd IC	\$ 11,885,000	\$ 415,975		\$ 12,300,975		\$ 12,301,000
A-7	53117	Aux. Lane Westbound	Bass Lake Rd IC	Silva Valley Pkwy IC	\$ 5,821,823	\$ 203,764		\$ 6,025,587	-	\$ 6,026,000
A-8	53115	Aux. Lane Westbound	El Dorado Hills Blvd IC	County Line	\$ 5,976,248	\$ 209,169		\$ 6,185,417	-	\$ 6,185,000
		Subtotal			\$ 67,802,295	\$ 2,373,080	\$ -	\$ 70,175,375	\$ -	\$ 70,175,000
Hwy 50 Interchanges Projects										
I-1	71323	El Dorado Hills Blvd	NA	NA	\$ 8,925,765	\$ 312,402		\$ 9,238,167	\$ 279,434	\$ 8,959,000
I-2	71345	Silva Valley Pkwy-Ph 2	NA	NA	\$ 8,155,770	\$ 285,452		\$ 8,441,222	-	\$ 8,441,000
I-3	71330, GP148	Bass Lake Rd	NA	NA	\$ 6,254,213	\$ 218,897		\$ 6,473,110	262,156	\$ 6,211,000
I-4	71332, GP149	Cambridge Rd	NA	NA	\$ 9,172,845	\$ 321,050		\$ 9,493,895	38,722	\$ 9,455,000
I-5	72361	Cameron Park Dr	NA	NA	\$ 61,400,000	\$ 2,149,000		\$ 63,549,000	1,140,650	\$ 62,408,000
I-6	71333, 71338, 71339	Ponderosa Rd	NA	NA	\$ 42,008,335	\$ 1,470,292		\$ 43,478,627	1,327,688	\$ 42,151,000
I-7	71347, 71376	El Dorado Rd	NA	NA	\$ 16,652,340	\$ 582,832		\$ 17,235,172	181,532	\$ 17,054,000
		Subtotal			\$ 152,569,268	\$ 5,339,924	\$ -	\$ 157,909,192	\$ 3,230,182	\$ 154,679,000
Roadway Improvements										
R-1	72143	Cameron Park Dr	Palmer	Toronto Rd	\$ 8,687,000	\$ 304,045		\$ 8,991,045	-	\$ 8,991,000
R-2	72376	Green Valley Rd	County Line	Sophia Pkwy	\$ 2,115,550	\$ -		\$ 2,115,550	\$ 2,030,550	\$ 85,000
R-3	GP178, GP159	Green Valley Rd	Francisco Dr	Silva Valley Rd	\$ 6,420,885	\$ 224,731		\$ 6,645,616	-	\$ 6,646,000
R-4	72374	White Rock Rd	Post St	South of Silva Valley Pkwy	\$ 5,987,430	\$ 209,560		\$ 6,196,990	-	\$ 6,197,000
R-5	72142	Missouri Flat Rd	China Garden Rd	State Route 49	\$ 4,174,800	\$ 146,118		\$ 4,320,918	-	\$ 4,321,000
R-6	71324, GP147	Saratoga Way	Iron Point Rd	El Dorado Hills Blvd	\$ 18,788,000	\$ 657,580	\$ (50,000)	\$ 19,395,580	-	\$ 19,396,000
R-7	72377	Country Club Dr	El Dorado Hills Blvd	Silva Valley Pkwy	\$ 11,450,880	\$ 400,781		\$ 11,851,661	-	\$ 11,852,000
R-8	71362	Country Club Dr	Silva Valley Pkwy	Tong Rd	\$ 6,930,100	\$ 242,554		\$ 7,172,654	-	\$ 7,173,000
R-9	71361	Country Club Dr	Tong Rd	Bass Lake Rd	\$ 13,258,185	\$ 464,036	\$ (502,564)	\$ 13,219,657	-	\$ 13,220,000
R-10	71360	Country Club Dr	Bass Lake Rd	Tierra de Dios Dr	\$ 7,969,395	\$ -	\$ 6,663,770	\$ 14,633,165	-	\$ 14,633,000
R-11	72334	Diamond Springs Pkwy	Missouri Flat Rd	State Route 49	\$ 20,133,125	\$ 704,659		\$ 20,837,784	\$ 11,738,125	\$ 9,100,000
R-12	66116	Latrobe Connection	White Rock Rd	Golden Foothill Pkwy	\$ 394,050	\$ 13,792		\$ 407,842	-	\$ 408,000
R-13	71375	Headington Rd Extension	El Dorado Rd	Missouri Flat Rd	\$ 6,748,000	\$ 236,180		\$ 6,984,180	\$ 2,050,330	\$ 4,934,000
R-14	66109	Bass Lake Rd	US 50	N of New Country Club Dr.	\$ 14,260,000	\$ -	\$ (12,760,000)	\$ 1,500,000	-	\$ 1,500,000
R-15	72350	Latrobe Rd	Investment Blvd	Golden Foothill Pkwy	\$ 8,355,000	\$ 292,425		\$ 8,647,425	-	\$ 8,647,000
R-16	72381	White Rock Rd	County Line	Windfield Way	\$ 4,429,000	\$ 155,015	\$ (513,360)	\$ 4,070,655	\$ 225,000	\$ 3,846,000
		Subtotal			\$ 140,101,400	\$ 4,051,476	\$ (7,162,154)	\$ 136,990,722	\$ 16,044,005	\$ 120,949,000

Table 9: TIM Fee Capital Improvement Program (CIP) Project Costs

Map ID	CIP Project No.	Project Name	From	To	2018 Total Cost	Inflation Adjustment ¹	Project Cost Adjustment ²	2019 Total Cost	Other Funding ³	Net Cost
Reimbursement Agreements²										
NA	71352	Bass Lake Rd	South of Serrano Parkway					\$ 3,692,152	\$ -	\$ 3,692,152
NA	72332	Green Valley Rd	Green Valley Marketplace					300,000	-	300,000
NA	66116	Latrobe Connection	Project Study					275,117	-	275,117
NA	66108	Madera Way	Right Turn Lane					125,574	-	125,574
NA	71328	Silva Valley Pkwy	Interchange Phase 1					16,380,137	-	16,380,137
NA	76107	Silver Springs Pkwy	Green Valley Rd Intersection					2,139,483	-	2,139,483
NA	66108	Silver Springs Pkwy	Offsite					<u>3,862,152</u>	-	<u>3,862,152</u>
		Subtotal						\$ 26,774,615	\$ -	\$ 26,774,615
Other Program Costs (new development fair share of total costs only)										
NA	NA	Bridges	Replacement		\$ 7,113,637			\$ 7,344,256	\$ -	\$ 7,344,000
NA	NA	Intersections & Safety	Intersection Operational Imps. & Safety Projects		\$ 39,965,200			41,363,982	-	\$ 41,364,000
NA	53118	Transit	Capital Improvements		\$ 5,620,315			5,817,026	-	\$ 5,817,000
NA	See Footnote 3	Fee Program Admin	Program Administration & Updates		\$ 11,000,000	\$ 385,000		<u>11,385,000</u>	-	\$ 11,385,000
		Subtotal			\$ 63,699,152			\$ 65,910,264	\$ -	\$ 65,910,000
Total								\$ 457,760,169	\$ 19,274,187	\$ 438,487,615
								100%	4%	96%

¹ Inflation adjustment is 3.5% based on the Engineering News-Record Building Cost Index between November 2017 and January 2019.

² Adjustments based on actual costs or updated cost estimates; Bass Lake Road Interchange includes the signalization of the EB Ramps for \$1,150,000; limit changes for Bass Lake Road widening including shift of costs to Country Club Realignment; move signal costs from Country Club btw Tong and Bass Lake Road to Country Club btw Bass Lake Road and Tierra de Dios Dr.

³ Represents amounts spent through June 30, 2015 and the following anticipated funding: (1) Bass Lake Rd. interchange includes \$22,164 spent to date and a revised estimate of \$240,000 in funding through the Bass Lake Hills Public Facilities Financing Plan, (2) Green Valley Rd. net cost reflects El Dorado County's share plus inflation adjustment with remaining funding from City of Folsom and other sources, and (3) Diamond Springs Parkway project (Phases 1A and 1B) total cost represents 2 additional lanes and anticipated funding to come from state and federal sources.

⁴ Based on payments remaining as of July 1, 2017 and excluding reimbursement agreements to be retired in FY 2016 (see Table 13).

⁵ Includes ongoing program staff and consultant costs for annual updates, major updates (every five years), and ongoing administration related to the TIM Fee Program.

Sources: Quincy Engineering; El Dorado County; Tables 6, 7, and 8; Engineering News-Record.