

Table 6: Bridge Replacement Projects

River	Crossing	CIP Account	2021 Cost	Inflation Adjustment (2021 - 2022) ¹	Proposed 2022 CIP Adjustment ²	Updated Cost
Indian Creek	Green Valley Rd	Zones B	\$ 5,663,000	\$ -	\$ 282,000	\$ 5,945,000
Mound Springs Creek	Green Valley Rd	Zones B	\$ 6,226,000	\$ -	\$ 334,000	\$ 6,560,000
Weber Creek	Green Valley Rd	Zones B	\$ 11,942,000	\$ -	\$ -	\$ 11,942,000
South Fork American River	Salmon Falls Rd	Zone C	\$ 25,000,000	\$ 3,750,000	\$ -	\$ 28,750,000
Weber Creek	Cedar Ravine Rd	Zones A	\$ 3,248,000	\$ -	\$ -	\$ 3,248,000
Carson Creek	White Rock Rd	Zone C	\$ 5,050,000	\$ 757,500	\$ -	\$ 5,807,500
North Fork Cosumnes River	Mt. Aukum Rd	Zones A	\$ 5,050,000	\$ 757,500	\$ -	\$ 5,807,500
North Fork Cosumnes River	Bucks Bar Rd	Zones A	\$ 9,165,000	\$ -	\$ -	\$ 9,165,000
South Fork Weber Creek	Newtown Rd	Zones A	\$ 5,954,000	\$ -	\$ 702,000	\$ 6,656,000
New York Creek	Malcolm Dixon Rd	Zone C	\$ 4,500,000	\$ 675,000	\$ -	\$ 5,175,000
Total						\$ 89,056,000
New Development Share ³						11.47%
TIF Program Share						\$ 10,215,000

¹ Inflation adjustment is 15% based on the Engineering News Record Building Cost Index between November 2020 and January 2022.
² Project cost adjustments were provided by the Department of Transportation and based on the 2021 CIP.
³ Development share based on federal funding for 88.53 percent of total costs. Developer share is less than could be allocated based on growth as a share of total development at the planning horizon (see Table 5).

Sources: County of El Dorado.

Table 7: Intersection and Safety Improvements

Type of Deficiency	Location	Cost per Intersection ¹	Inflation Adjustment	2022 Cost per Intersection	New Development Share ²	New Development Cost per Intersection	Number of Projects	Cost
Tier 1 - Existing Deficiency								
Intersections	To Be Determined	\$ 2,200,000	\$ 330,000	\$ 2,530,000	13.41%	\$ 339,273	2	\$ 679,000
Safety Improvements	To Be Determined	\$ 1,260,000	\$ 189,000	\$ 1,449,000	13.41%	\$ 194,311	10	\$ 1,943,000
Tier 2 - Future Deficiency								
Intersections	To Be Determined	\$ 2,200,000	\$ 330,000	\$ 2,530,000	100.00%	\$ 2,530,000	16	\$ 40,480,000
Intersections	Cameron Park Dr / Hacienda Rd ³	\$ 500,000	\$ 75,000	\$ 575,000	100.00%	\$ 575,000	1	\$ 575,000
Intersections	El Dorado Hill Blvd/Saratoga Way/Park Dr ⁴	\$ 3,000,000	\$ -	\$ 3,000,000	100.00%	\$ 3,000,000	1	\$ 3,000,000
Intelligent Transportation System (ITS) Program								
ITS Elements ⁵	To Be Determined	\$ 9,766,000	\$ -	\$ 9,766,000	100.00%	\$ 9,766,000	1	\$ 9,766,000
TIF Program Share								\$ 56,443,000

¹ Intersection costs based on \$350,000 for signal equipment plus \$1,850,000 for channelization and other costs. Includes intelligent transportation systems (ITS). Safety improvements based on actual costs for seven safety-focused projects completed between 2001 and 2016, adjusted for inflation.

² For existing deficiencies, TIF program share is equal to new development as a share of total development at the planning horizon (see Table 5).

³ For signal equipment only.

⁴ Planning-level estimate provided by the design engineer

⁵ Includes ITS elements listed in the El Dorado Hills Project List

Sources: County of El Dorado; Table 4.

Table 8: Transit Capital Projects

Capital Project	Source	Unit No.	Unit Cost	2021 Total Cost	Inflation Adjustment	2022 Total Cost	New Development Share ¹	TIF Program Share
Bus Stop Improvements	Short-range Capital Plan			\$ 13,000	\$ 1,950	\$ 14,950	13.41%	\$ 2,000
Missouri Flat Transfer Point Expansion	Short-range Capital Plan			\$ 310,000	\$ 47,000	\$ 357,000	100.00%	\$ 357,000
Cambridge Park-and-Ride Improvements	Short-range Capital Plan			\$ 200,000	\$ 30,000	\$ 230,000	13.41%	\$ 31,000
Operations and Maintenance Facility Improvements	Short-range Capital Plan			\$ 40,000	\$ 6,000	\$ 46,000	13.41%	\$ 6,000
Fleet Expansion								
Paratransit Van	Short-range Capital Plan	1	\$ 67,000	\$ 67,000	\$ 10,050	\$ 77,050		
Dial-A-Ride Vans	Long-range Capital Plan	5	42,000	\$ 210,000	\$ 31,500	\$ 241,500		
Local Route Buses	Long-range Capital Plan	2	504,000	\$ 1,008,000	\$ 151,200	\$ 1,159,200		
Subtotal				\$ 1,285,000	\$ 192,750	\$ 1,477,750	100.00%	\$ 1,478,000
Cambridge Park-and-Ride Improvements	Long-range Capital Plan			\$ 2,725,000	\$ 409,000	\$ 3,134,000	13.41%	\$ 420,000
County Line Transit Center	Long-range Capital Plan							
Land				\$ 1,406,000	\$ -	\$ 1,406,000		
Construction				\$ 7,117,000	\$ 1,068,000	\$ 8,185,000		
Subtotal				\$ 8,523,000	\$ 1,068,000	\$ 9,591,000	13.41%	\$ 1,286,000
Total				\$ 13,096,000	\$ 1,754,700	\$ 14,850,700		\$ 3,580,000

Notes:
 Costs do not include planned transition to zero emission vehicle fleet.
 Costs exclude projects within the City of Placerville.
 Bass Lake Hills Park and Ride improvements are anticipated to be funded directly by nearby development projects.

¹ For capital projects not directly related to growth, TIF program share is equal to new development as a share of total development at the planning horizon (see Table 5).

Sources: El Dorado County Transportation Commission, *Western El Dorado County 2019 Short and Long Range Transit Plan*, prepared by LSC Consultants, Inc. November 20, 2019, pp. 165-167, 173-174; El Dorado Transit staff (for fleet vehicles and County Line Transit Center cost estimates); Table 4 (this model).

Table 9: Program Administration

Task	Unit Cost	Frequency	Total 20-yr. Program	
			Units	Cost
Annual program updates ¹	51,750	Annually	20	1,035,000
Major program updates	1,150,000	Every 5 Years	4	4,600,000
Travel demand model updates	379,500	Every 5 Years	4	<u>1,518,000</u>
Total				7,153,000

¹ Includes periodic minor technical (transportation analysis) updates.

Sources: County of El Dorado.

Table 10: TIF Program Costs

Map ID	CIP Acct.	Project No.	Project Name	Total Cost	Prior Year Funding ¹	Future Local Funding ²	2021 Net Cost	Inflation Adjustment	Proposed 2022 CIP Adjustment	2022 Net Cost		
Hwy 50 Auxiliary Lanes												
A-1	Hwy 50 Blackstone	53115/36104021	Auxiliary Lane Westbound	3,100,000	10,000	\$ -	\$ 3,090,000	463,000		\$ 3,553,000		
			Subtotal	\$ 3,100,000	\$ 10,000	\$ -		\$ 463,000	\$ -	\$ 3,553,000		
Hwy 50 Interchanges Projects												
I-1	Zone C	71323/36104001	El Dorado Hills Blvd	12,637,000	584,000	\$ -	\$ 12,053,000		\$ (906,000)	\$ 11,147,000		
I-2	Silva Valley IC	71345/36104004 71368/36104003	Silva Valley Pkwy-Phases 1&2	10,808,000	143,000	-	\$ 10,665,000		973,000	\$ 11,638,000		
I-3	Hwy 50 Zones A-C	71330/36104005	Bass Lake Rd	5,417,000	22,000	466,265	\$ 4,928,735	809,000	-	\$ 5,738,000		
I-4	Hwy 50 Zones A-C	71332/36104006	Cambridge Rd	9,665,000	39,000	-	\$ 9,626,000	1,443,914		\$ 11,070,000		
I-5	Hwy 50 Zones A-C	72361/36104007	Cameron Park Dr	22,837,000	1,441,000	-	\$ 21,396,000	3,190,000	(29,000)	\$ 24,557,000		
I-6	Hwy 50 Zones A-C	71333/36104010 71338/36104008 71339/36104009	Ponderosa Rd/S Shingle Rd	22,073,000	118,000	-	\$ 21,955,000		(10,000)	\$ 21,945,000		
I-7	Hwy 50 Zones A-C	71347/36104011	El Dorado Rd	5,782,000	181,000	-	\$ 5,601,000	840,000		\$ 6,441,000		
			Subtotal	\$ 89,219,000	\$ 2,528,000	\$ 466,265		\$ 6,282,914	\$ 28,000	\$ 92,536,000		
Roadway Improvements												
R-1	Zone B	72143/36105004	Cameron Park Dr Widening	\$ 4,110,000	\$ 217,000	\$ -	\$ 3,893,000		\$ -	\$ 3,893,000		
R-2	Zone C	72376/36105013	Green Valley Rd Widening	Under Construction - See Table 14								
R-3	Zone C	GP178/36105018	Green Valley Rd Widening	10,941,000	-	-	\$ 10,941,000		5,732,000	\$ 16,673,000		
R-4	Zone C	72374/36105042	White Rock Rd Widening	9,467,000	5,000	-	\$ 9,462,000	1,419,000		\$ 10,881,000		
R-5	Zone B	72142/36105027	Missouri Flat Rd	7,629,000	-	-	\$ 7,629,000	1,144,000	-	\$ 8,773,000		
R-6	Zone C	GP147/36105035	Saratoga Way Extension-Phs 2	13,282,000	-	-	\$ 13,282,000	-	-	\$ 13,282,000		
R-7	Zone C	72377/36105007	Country Club Dr Extension	21,190,000	-	-	\$ 21,190,000	3,141,000	(50,000)	\$ 24,281,000		
R-8	Zone C	71362/36105008	Country Club Dr Extension	11,703,000	-	-	\$ 11,703,000	1,699,000	(175,000)	\$ 13,227,000		
R-9	Zone C	71361/36105009	Country Club Dr Extension	17,923,000	-	-	\$ 17,923,000	2,658,000	-	\$ 20,581,000		
R-10	Zone B	71360/36105010	Country Club Dr Realignment	Construction Completed - See Reimbursement Agmts & Table 14								
R-11	Zone B	72334/36105011	Diamond Springs Pkwy-Phs 1B	30,163,000	5,763,000	18,015,067	\$ 6,384,933	-	3,659,000	\$ 10,044,000		
R-12	Zone C	66116/36105024	Latrobe Connection	2,873,000	353,000	-	\$ 2,520,000	378,000	-	\$ 2,898,000		
R-13	Zone B	71375/36105022	Headington Rd Extension	14,950,000	704,000	-	\$ 14,246,000	-	-	\$ 14,246,000		
R-14	Zone C	72BASS/36105054	Bass Lake Rd	1,654,000	-	-	\$ 1,654,000	248,000	-	\$ 1,902,000		
R-15		72LATROBE/36105055	Latrobe Rd Widening	Deleted - Not Deficient								
R-16	Zone C	72381/36105041	White Rock Rd Widening	8,223,000	317,000	-	\$ 7,906,000		1,235,000	\$ 9,141,000		
R-17	Zone C	GP154/36105069	Latrobe Rd Widening	5,865,000	-	-	\$ 5,865,000	880,000	-	\$ 6,745,000		
R-18	Zone B	NA	Pleasant Valley Rd	409,000	-	-	\$ 409,000		-	\$ 409,000		
			Subtotal	\$ 160,382,000	\$ 7,359,000	\$ 18,015,067		\$ 11,567,000	\$ 10,401,000	\$ 156,976,000		

Table 10: TIF Program Costs

Map ID	CIP Acct.	Project No.	Project Name	Total Cost	Prior Year Funding ¹	Future Local Funding ²	2021 Net Cost	Inflation Adjustment	Proposed 2022 CIP Adjustment	2022 Net Cost
Reimbursement Agreements										
R-6	Zone C	71324/36105034	Saratoga Way Extension-Phs 1	10,958,000	NA	NA				10,958,000
R-10	Zone C	71360/36105010	Country Club Dr Realignment	4,381,000	NA	NA				4,381,000
R-10	Zone B	71360/36105010	Country Club Dr Realignment	7,256,000	NA	NA				7,256,000
R-10	Hwy 50 Zones A-C	71360/36105010	Country Club Dr Realignment	148,000	NA	NA				148,000
R-12	Zone C	66116/36105024	Latrobe Connection	55,000	NA	NA				55,000
I-2	Silva Valley IC	71328/36104002	Silva Valley Interchange	193,000	NA	NA				193,000
I-2	Silva Valley IC	71328/36104002	Silva Valley Interchange-Design	5,602,000	NA	NA				5,602,000
NA	Zone C	71353	Bass Lake Rd (SIA)	1,477,000	NA	NA				1,477,000
NA	Zone B	76107	Silver Springs Pkwy	2,127,000	NA	NA				2,127,000
NA	Zone B	66108/76108/ 36105039	Silver Springs Pkwy	4,274,000	NA	NA				4,274,000
NA	Zones A-B	76114	Deer Valley Rd	70,000	NA	NA				70,000
			Subtotal	\$ 36,541,000	NA	NA				\$ 36,541,000
Other Programs										
NA	Zones A - C	NA	Bridge Replacement	10,215,000	NA	NA				10,215,000
NA	Zones A - C	NA	Intersection Improvements	56,443,000	NA	NA				56,443,000
NA	Zones A - C	53118/36109004	Transit	3,580,000	NA	NA				3,580,000
NA	Zones A - C	NA	Fee Program Admin	7,153,000	NA	NA				7,153,000
			Subtotal	\$ 77,391,000	NA	\$ -		\$ -	\$ -	\$ 77,391,000
			Total	\$ 366,633,000	\$ 9,897,000	\$ 18,481,332		\$ 18,312,914	\$ 10,429,000	\$ 366,997,000
				97%	3%	5%				97%

¹ Amounts represents spending through June 30, 2020 based on EDC DOT June 2020 CIP Book (see sources).

² Includes funding for Bass Lake Rd. Interchange (Map ID I-3) from the Bass Lake Hills Public Facilities Financing Plan (BLHPFFP), and funding for Diamond Springs Parkway (Map ID R-11) from Missouri Flats Master Circulation and Funding Plan (MC&FP) and State-Local Partnership Program (SLPP).

Sources: Tables 6, 7, 8, and 9 of this study; Appendix B (attached to this model documentation); "TIM Fee Capital Improvement Costs Supporting Documentation" (for total project cost estimates), County of El Dorado, Department of Transportation (DOT); Adopted 2020 Capital Improvement Program, June 9, 2020 (for prior year funding and future local funding estimates).