



2004 GENERAL PLAN – 2025 PROJECTS

When projects are identified to have both 2015 and 2025 components, such projects are assumed to be phased with the second phase of the 2015 projects to occur by 2025. As such, the following estimates are based on improvements upon the 2015 projects, i.e. – the 2015 projects have been constructed and exist by this time.

PROJECT 1

PROJECT DESCRIPTION

This project consists of improving **Bass Lake Road from US 50 to Hollow Oak Road**. Work includes widening a 2-lane road, with an 8 ft unimproved median and 4 ft shoulders, to a 4-lane road. This project is part of the Bass Lake Hills Specific Plan Public Facilities Financing Plan (PFFP).

AREA OBSERVATIONS

This project is in slightly rolling terrain and the roadway is assumed to be widened into the median.

2025 PLANNING COST ESTIMATE

ITEM	LENGTH (mi)	NO. LANES/SIDES	GRADE	WIDTH (ft)	% COST	R/W***	Land Value (\$/sf)	TOTAL	
ROADWAY	0.83	2	2					\$1,292,646	
SHOULDERS	0.83	0	2	4				\$0	
EARTHWORK	0.83		3		100%			\$382,405	
MISCELLANEOUS ITEMS*			2		40%			\$670,020	
TRAFFIC CONTROL			2					\$60,000	
							Subtotal	\$2,405,071	
							Mobilization at	10%	\$240,507
							Contingency at	35%	\$841,775
							Subtotal	\$3,487,353	
PROJECT DELIVERY**							40%	\$1,394,941	
RIGHT OF WAY								\$0	
							TOTAL	\$4,882,294	

* Based on summary of costs above this line



PROJECT 3

PROJECT DESCRIPTION

This project consists of widening **Cameron Park Drive from Palmer Drive to Oxford Road**. Work includes widening a 4-lane undivided roadway to a 4-lane divided roadway with 4-foot shoulders.

AREA OBSERVATIONS

This road is a major north/south travel way through Cameron Park between an interchange with U.S. 50 and the town of Rescue. The area is largely residential with a commuter airport at the northern limit of the project.

2025 PLANNING COST ESTIMATE

ITEM	LENGTH (mi)	NO. LANES/SIDES	GRADE	WIDTH (ft)	% COST	R/W***	Land Value (\$/sf)	TOTAL
ROADWAY	1.31	1	2					\$1,020,100
SHOULDERS	0	0		0				\$0
EARTHWORK	1.31		2		50%			\$150,889
MISCELLANEOUS ITEMS*			1		20%			\$234,198
TRAFFIC CONTROL			1					\$60,000
							Subtotal	\$1,465,186
							Mobilization at 10%	\$146,519
							Contingency at 35%	\$512,815
							Subtotal	\$2,124,520
PROJECT DELIVERY**							40%	\$849,808
RIGHT OF WAY***								\$0
							TOTAL	\$2,974,328

* Based on summary of costs above this line

** Based on subtotal above this line

*** Right of Way acquired in Year 2015 Project



PROJECT 7

PROJECT DESCRIPTION

This project consists of two additional lanes to develop a 4-lane undivided arterial for **Green Valley Road from Salmon Falls Road to Deer Valley Road (west)**.

AREA OBSERVATIONS

This road is a main east west commute route from the northern county communities to the City of Folsom. Depending on location, earth work for the widening could be moderate to extensive. Utility impact is believed to be minor but should be investigated further. Right of way is much wider than the existing roadway and will accommodate much of the improvements. Therefore it is assumed that right of way equivalent to only one lane width will be required.

2025 PLANNING COST ESTIMATE

ITEM	LENGTH (mi)	NO. LANES/SIDES	GRADE	WIDTH (ft)	% COST	R/W***	Land Value (\$/sf)	TOTAL
ROADWAY	2.74	2	1					\$3,227,659
SHOULDERS	0.00	0	2	4				\$0
EARTHWORK	2.74		2		50%			\$509,031
MISCELLANEOUS ITEMS*			1		20%			\$747,338
TRAFFIC CONTROL			2					\$60,000
							Subtotal	\$4,544,028
							Mobilization at 10%	\$454,403
							Contingency at 35%	\$1,590,410
							Subtotal	\$6,588,841
PROJECT DELIVERY**							40%	\$1,317,768
RIGHT OF WAY***						190,080	\$15	\$2,604,096
							TOTAL	\$10,510,705

* Based on summary of costs above this line

** Based on subtotal above this line

*** Assume Area=Length X W; W=6-ft strip on each side of road to be acquired.



PROJECT 11

PROJECT DESCRIPTION

This project consists of widening **Latrobe Road from Carson Creek to White Rock Road**. Work includes widening a 4-lane divided roadway to a 6-lane divided roadway with 4-foot shoulders.

AREA OBSERVATIONS

This area is heavily traveled and will therefore require moderate traffic control. Earthwork and utility relocation appears to be minor. Right-of-way acquisition is required for this project.

2025 PLANNING COST ESTIMATE

ITEM	LENGTH (mi)	NO. LANES/SIDES	GRADE	WIDTH (ft)	% COST	R/W***	Land Value (\$/sf)	TOTAL	
ROADWAY	0.9	2	2					\$1,401,664	
SHOULDERS	0.9	2	1	4				\$353,393	
PCC CURB & GUTTER	0.9	2						\$237,600	
PCC SIDEWALK	0.9	2		5				\$475,200	
EARTHWORK	0.9		3		100%			\$552,875	
MISCELLANEOUS ITEMS*			2		40%			\$1,208,293	
TRAFFIC CONTROL			2					\$60,000	
							Subtotal	\$4,289,025	
							Mobilization at	10%	\$428,902
							Contingency at	35%	\$1,501,159
							Subtotal	\$6,219,086	
PROJECT DELIVERY**							40%	\$2,487,634	
RIGHT OF WAY***						152,460	\$15	\$2,286,900	
							TOTAL	\$10,993,620	

* Based on summary of costs above this line

** Based on subtotal above this line

*** Assume Area=Length X 2W; W=16-ft strip on each side of road to be acquired.



PROJECT 13

PROJECT DESCRIPTION

This Project consists of widening **Missouri Flat Road from Mother Lode Drive to China Garden Road** to a 4-lane divided arterial. The existing roadway is 4 lanes from Mother Lode Dr. to Golden Center Dr, which accounts for approximately 70 percent of the project limit. Therefore, the number of lanes used for determining a project cost is the equivalent lanes for the entire length of the project as described. This approach accounts for the non-uniform improvements.

AREA OBSERVATIONS

This road is in good condition with a relatively new AC overlay. A widening on the north would involve a cut condition and the south would be flat to a slight fill. There is a fair amount of utilities in the area. Right-of-way acquisition is necessary with this project.

2025 PLANNING COST ESTIMATE

ITEM	LENGTH (mi)	NO. LANES/SIDES	GRADE	WIDTH (ft)	% COST	R/W***	Land Value (\$/sf)	TOTAL
ROADWAY	1.0	1	2					\$778,702
SHOULDERS	0.0	0	2	4				\$0
PCC CURB & GUTTER	0.7	2						\$184,800
PCC SIDEWALK	0.7	2		5				\$369,600
EARTHWORK	1.0		3		100%			\$230,364
MISCELLANEOUS ITEMS*			2		40%			\$625,387
TRAFFIC CONTROL			2					\$60,000
							Subtotal	\$2,248,853
							Mobilization at 10%	\$224,885
							Contingency at 35%	\$787,099
							Subtotal	\$3,260,837
PROJECT DELIVERY**							40%	\$1,304,335
RIGHT OF WAY***						191,664	\$15	\$2,874,960
							TOTAL	\$7,440,132

* Based on summary of costs above this line

** Based on subtotal above this line

*** Assume Area=Length X 2W; W=18-ft strip on each side of road to be acquired.



PROJECT 14A

PROJECT DESCRIPTION

This project consists of widening the **Missouri Flat Connector from Missouri Flat Road to State Route 49** from a 2-lane road to a 4-lane divided arterial.

AREA OBSERVATIONS

This road will be located in a mixed use area with many existing structures and adjacent businesses. Earthwork will not be required as the roadway fill prism is to be constructed for this project with the 2015 project.

2025 PLANNING COST ESTIMATE

From previous 2005 study by URS Corporation		
CONSTRUCTION CAPITAL		\$5,035,430
PROJECT DELIVERY	20%	\$1,007,086
RIGHT OF WAY***		\$0
TOTAL		\$6,042,516

*** Assume that R/W had been included/acquired in 2015



PROJECT 21

PROJECT DESCRIPTION

This project is to widen **Saratoga Way from the end of Saratoga Way to the west county line** from a 2-lane arterial to a 4-lane arterial.

AREA OBSERVATIONS

This road will be constructed in rolling hilly terrain in undeveloped land. The land to the north of this project is currently planned for residential development and will need to be coordinated with.

2025 PLANNING COST ESTIMATE

ITEM	LENGTH (mi)	NO. LANES/SIDES	GRADE	WIDTH (ft)	% COST	R/W***	Land Value (\$/sf)	TOTAL
ROADWAY	0.5	2	2					\$778,702
SHOULDERS	0	0	4	4				\$0
PCC CURB & GUTTER	0.5	2						\$132,000
PCC SIDEWALK	0.5	2		5				\$264,000
EARTHWORK	0.5		4		250%			\$575,911
MISCELLANEOUS ITEMS*			2		40%			\$700,245
TRAFFIC CONTROL			2					\$60,000
							Subtotal	\$2,510,859
							Mobilization at 10%	\$251,086
							Contingency at 35%	\$878,801
							Subtotal	\$3,640,745
PROJECT DELIVERY**							40%	\$1,456,298
RIGHT OF WAY***								\$0
							TOTAL	\$5,097,043

* Based on summary of costs above this line

** Based on subtotal above this line

*** Assume that R/W had been included/acquired in 2015



PROJECT 22

PROJECT DESCRIPTION

This Project consists of widening **Silva Valley Pkwy from US 50 to Entrada St.** Work includes widening the road from a 2-lane arterial to a 4-lane divided arterial with curb, gutter and sidewalk.

AREA OBSERVATIONS

This 2-lane road has recently been constructed. Widening to a 4-lane will include moderate earthwork due to terrain and traffic control due its proximity to a nearby school and shopping center. County documents estimate a right-of-way acquisition of 3.2 acres.

2025 PLANNING COST ESTIMATE

ITEM	LENGTH (mi)	NO. LANES/SIDES	GRADE	WIDTH (ft)	% COST	R/W***	Land Value (\$/sf)	TOTAL
ROADWAY	0.78	3	2					\$1,822,397
SHOULDERS	0.78	0	0	0				\$0
PCC CURB & GUTTER	0.78	2						\$205,946
PCC SIDEWALK	0.78	2		5				\$411,893
EARTHWORK	0.78		3		100%			\$539,122
MISCELLANEOUS ITEMS*			3		60%			\$1,787,615
TRAFFIC CONTROL			2					\$60,000
							Subtotal	\$4,826,973
							Mobilization at 10%	\$482,697
							Contingency at 35%	\$1,689,440
							Subtotal	\$6,999,110
PROJECT DELIVERY**							40%	\$2,799,644
RIGHT OF WAY***								\$0
							TOTAL	\$9,798,755

* Based on summary of costs above this line

** Based on subtotal above this line

*** Right of Way acquired in Year 2015 Project



PROJECT 27C

PROJECT DESCRIPTION

This project consists of widening **US 50 from Silva Valley Road to Bass Lake Road**. Work includes WB and EB HOV lanes.

AREA OBSERVATIONS

There is adequate Right of Way for the work. Caltrans has an approved PR (03-ED-50) on file. Earthwork is expected to range from moderate to extensive and is thus considered major overall.

2015 PLANNING COST ESTIMATE

ITEM	LENGTH (mi)	NO. LANES/SIDES	GRADE	WIDTH (ft)	% COST	R/W (sf)	Land Value (\$/sf)	TOTAL
ROADWAY	2.4	1	2					\$1,868,885
SHOULDERS	2.4	2.5	2	4				\$1,557,404
EARTHWORK	2.4		4		250%			\$2,534,009
MISCELLANEOUS ITEMS*			2		40%			\$2,384,119
TRAFFIC CONTROL			3					\$450,000
							Subtotal	\$8,794,418
							Mobilization at 10%	\$879,442
							Contingency at 35%	\$3,078,046
							Subtotal	\$12,751,906
PROJECT DELIVERY**							25%	\$3,187,977
RIGHT OF WAY								\$0
							TOTAL	\$15,939,883

* Based on summary of costs above this line

** Based subtotal above this line



PROJECT 27D

PROJECT DESCRIPTION

This project consists of widening **US 50 from Bass Lake Road to Cambridge Road**. Work includes WB and EB HOV lanes.

AREA OBSERVATIONS

There is adequate Right of Way for the work. Caltrans has an approved PR (03-ED-50) on file. Earthwork is expected to be moderate.

2015 PLANNING COST ESTIMATE

ITEM	LENGTH (mi)	NO. LANES/SIDES	GRADE	WIDTH (ft)	% COST	R/W (sf)	Land Value (\$/sf)	TOTAL
ROADWAY	3.3	1	2					\$2,569,717
SHOULDERS	3.3	2.5	2	4				\$2,141,431
EARTHWORK	3.3		2		100%			\$1,393,705
MISCELLANEOUS ITEMS*			2		40%			\$2,441,941
TRAFFIC CONTROL			3					\$450,000
							Subtotal	\$8,996,795
							Mobilization at 10%	\$899,679
							Contingency at 35%	\$3,148,878
							Subtotal	\$13,045,352
PROJECT DELIVERY**							25%	\$3,261,338
RIGHT OF WAY								\$0
							TOTAL	\$16,306,690

* Based on summary of costs above this line

** Based subtotal above this line



PROJECT 27E

PROJECT DESCRIPTION

This project consists of widening **US 50 from Cambridge Road to Cameron Park Drive**. Work includes WB and EB HOV lanes.

AREA OBSERVATIONS

There is adequate Right of Way for the work. Caltrans has an approved PR (03-ED-50) on file. Earthwork is expected to be moderate.

2015 PLANNING COST ESTIMATE

ITEM	LENGTH (mi)	NO. LANES/SIDES	GRADE	WIDTH (ft)	% COST	R/W (sf)	Land Value (\$/sf)	TOTAL
ROADWAY	1.3	1	2					\$1,012,313
SHOULDERS	1.3	2.5	2	4				\$843,594
EARTHWORK	1.3		2		100%			\$549,035
MISCELLANEOUS ITEMS*			2		40%			\$961,977
TRAFFIC CONTROL			3					\$450,000
							Subtotal	\$3,816,919
							Mobilization at 10%	\$381,692
							Contingency at 35%	\$1,335,922
							Subtotal	\$5,534,533
PROJECT DELIVERY**							25%	\$1,383,633
RIGHT OF WAY								\$0
							TOTAL	\$6,918,166

* Based on summary of costs above this line

** Based subtotal above this line



PROJECT 29

PROJECT DESCRIPTION

This project consists of improving **White Rock Road from Latrobe Road to US 50**. Work includes widening the road from a 4-lane divided to a 6-lane divided arterial.

AREA OBSERVATIONS

This project has residential development to the south and shopping centers to the north. Traffic control will be moderate due to the nature of the area. Earthwork will be minor. Utility impacts are assumed to be extensive considering area use. Exhibit G of the interim 2004 General Plan Traffic Impact Fee Program (GPTIFP) Report estimates right-of-way acquisition of 5.8 acres.

2025 PLANNING COST ESTIMATE

ITEM	LENGTH (mi)	NO. LANES/SIDES	GRADE	WIDTH (ft)	% COST	R/W***	Land Value (\$/sf)	TOTAL
ROADWAY	1.14	2	2					\$1,776,453
SHOULDERS	1.14	0	0	0				\$0
PCC CURB & GUTTER	1.14	2						\$301,132
PCC SIDEWALK	1.14	2		5				\$602,263
EARTHWORK	1.14		3		100%			\$525,530
MISCELLANEOUS ITEMS*			2		40%			\$1,282,151
TRAFFIC CONTROL			2					\$60,000
							Subtotal	\$4,547,530
							Mobilization at 10%	\$454,753
							Contingency at 35%	\$1,591,636
							Subtotal	\$6,593,919
PROJECT DELIVERY**							40%	\$2,637,567
RIGHT OF WAY***								\$0
							TOTAL	\$9,231,486

* Based on summary of costs above this line

** Based on subtotal above this line

*** Right of Way acquired in Year 2015.



PROJECT 30

PROJECT DESCRIPTION

This project consists of widening **White Rock Road from Manchester Drive to Latrobe Road** from a 4 lane undivided to 4 lane divided arterial with shoulder, curb, gutter & side walk.

AREA OBSERVATIONS

This project has residential development to the south and shopping centers to the north. Traffic control will be moderate due to the nature of the area. Earthwork will be minor. Utility impacts are assumed to be extensive considering area use. Right-of-way acquisition is required for this project.

2025 PLANNING COST ESTIMATE

ITEM	LENGTH (mi)	NO. LANES/SIDES	GRADE	WIDTH (ft)	% COST	R/W***	Land Value (\$/sf)	TOTAL
ROADWAY	0.35	1	2					\$272,694
SHOULDERS	0.35	0	2	4				\$0
PCC CURB & GUTTER	0.35	2						\$92,450
PCC SIDEWALK	0.35	2		5				\$184,900
EARTHWORK	0.35		3		100%			\$80,671
MISCELLANEOUS ITEMS*			2		40%			\$252,286
TRAFFIC CONTROL			2					\$60,000
Subtotal								\$943,002
Mobilization at							10%	\$94,300
Contingency at							35%	\$330,051
Subtotal								\$1,367,353
PROJECT DELIVERY**							40%	\$546,941
RIGHT OF WAY***								\$0
TOTAL								\$1,914,294

* Based on summary of costs above this line

** Based on subtotal above this line

*** Right of Way acquired in Year 2015.



PROJECT 36

PROJECT DESCRIPTION

This project consists of the ultimate improvements to the **US 50 and Bass Lake Road Interchange**. The initial improvements are to be constructed for the 2015 design year.

AREA OBSERVATIONS

See Planning Level Cost Study for US 50 Interchange Improvements report prepared by URS Corporation, Dated April 2006.

2025 PLANNING COST ESTIMATE

Taken from Planning Level Cost Study for US 50 Interchange Improvements.		\$9,000,000
PROJECT DELIVERY	25%	\$2,250,000
RIGHT OF WAY		\$0
TOTAL		\$11,250,000

PROJECT 37

PROJECT DESCRIPTION

This project consists of ultimate improvements to the **US 50 and Cambridge Road Interchange**. The initial improvements are to be constructed for the 2015 design year.

AREA OBSERVATIONS

See Planning Level Cost Study for US 50 Interchange Improvements report prepared by URS Corporation, Dated April 2006.

2025 PLANNING COST ESTIMATE

Taken from Planning Level Cost Study for US 50 Interchange Improvements.		\$11,300,000
PROJECT DELIVERY	25%	\$2,825,000
RIGHT OF WAY		\$0
TOTAL		\$14,125,000



PROJECT 38

PROJECT DESCRIPTION

This project consists of ultimate improvements to the **US 50 and Cameron Park Drive Interchange**. The initial improvements are to be constructed for the 2015 design year.

AREA OBSERVATIONS

See Planning Level Cost Study for US 50 Interchange Improvements report prepared by URS Corporation, Dated April 2006.

2025 PLANNING COST ESTIMATE

Taken from Planning Level Cost Study for US 50 Interchange Improvements.		\$8,700,000
PROJECT DELIVERY	25%	\$2,175,000
RIGHT OF WAY		\$0
TOTAL		\$10,875,000

PROJECT 39

PROJECT DESCRIPTION

This project consists of the ultimate improvements to the **US 50 and Ponderosa Road Interchange**. The initial improvements are to be constructed for the 2015 design year.

AREA OBSERVATIONS

See Planning Level Cost Study for US 50 Interchange Improvements report prepared by URS Corporation, Dated April 2006.

2025 PLANNING COST ESTIMATE

Taken from Planning Level Cost Study for US 50 Interchange Improvements.		\$3,500,000
PROJECT DELIVERY	25%	\$875,000
RIGHT OF WAY		\$0
TOTAL		\$4,375,000



PROJECT 42

PROJECT DESCRIPTION

This project is for **Fee Program Development and Updates**. Work includes initial development, one major update, and up to eight minor updates.

2025 PLANNING COST ESTIMATE

TOTAL	\$4,000,000
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PROJECT 43

PROJECT DESCRIPTION

This project is for **Traffic Signals** at various locations. Work includes installing 4 to 5 traffic signals per year between 2015 and 2025. A total of forty-five new signals are assumed, with \$0.25 million for right of way, \$0.50 million for construction, and 50% of construction costs applied for project delivery.

2025 PLANNING COST ESTIMATE

ITEM	TOTAL
Construction	\$22,500,000
Project Delivery	\$11,250,000
Right of Way	\$11,250,000
TOTAL	\$45,000,000

PROJECT 44

PROJECT DESCRIPTION

This project is for **Transit Service Improvements**. Work may include bus fleet expansion and new park and ride facilities.

2025 PLANNING COST ESTIMATE

TOTAL	\$5,000,000
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PROJECT 45

PROJECT DESCRIPTION

This project is for **Rehabilitating, widening, and reconstructing bridges** at various locations.

2025 PLANNING COST ESTIMATE

	TOTAL	\$7,500,000
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