Appendix H: Planning Level Cost Estimates

Citrus Heights, CA Carriage Drive and Lauppe Lane Safe Schools Corridor Plan Full Concept Estimate

9/17/2020 **ITEM ESTIMATED** UNIT **UNIT COST DESCRIPTION COST** NO. **QUANTITY** \$870,000 \$870,000 Demolition, Mobilization, Construction Staking, & Traffic Control LS 1 LS \$50,000 **Drainage Allocation** \$50,000 53,834 \$2,422,530 3 Sidewalk Section* SF \$45 14 EΑ \$612,500 4 **Curb Extension** \$43,750 5 Curb and Gutter 2,932 LF \$35 \$102,620 SF 6 **Median Section** 324 \$40 \$12,960 7 **Red Curb** 550 LF \$4 \$2,200 Speed Hump 8 EΑ \$7,500 \$60,000 9 23,992 LF \$71,976 Striping Removal \$3 10 **Linear Striping** 23,749 LF \$4 \$94,996 243 LF \$20 \$4,860 11 Advance Stop Line 78 EΑ \$12,090 12 \$155 **Pavement Markings** Bike Green Conflict Striping 1,560 EΑ \$10 \$15,600 13 **Yield Line Markings** 20 LF \$20 \$400 14 LF Standard Crosswalk 543 \$10 \$5,430 15 5,460 SF \$25 \$136,500 High Visibility Crosswalk Striping 16 17 Landscaped Diverter 1 EΑ \$25,000 \$25,000 EΑ \$2,700 18 Sign & Post 6 \$450 2 EΑ 19 Traffic Circle \$150,000 \$300,000 1 EΑ \$1,750 \$1,750 20 **Bicycle Detection Raised Intersection** EΑ \$50,000 21 1 \$50,000 Raised Crosswalk 1 EΑ \$15,000 22 \$15,000 LS 1 \$341,826 \$341,826 23 **School Improvements Yield Line Markings** 12 LF \$20 \$240 High Visibility Crosswalk Striping 880 SF \$22,000 \$25 \$1,350 Sign & Post 3 EΑ \$450 **Roadway Section** 4,529 SF \$35 \$158,515 Traffic Circle 1 EΑ \$150,000 \$150,000 **Pavement Markings** 23 EΑ \$155 \$3,565 LF **Linear Striping** 1,539 \$4 \$6,156 SubTotal Items \$5,210,938 CONTINGENCY 30% \$1,563,281 **Total Cost Estimate** \$6,774,219

^{*}Cost does not include right of way acquisition for sidewalk section on Auburn Boulevard

Citrus Heights, CA Carriage Drive and Lauppe Lane Safe Schools Corridor Plan

New Bike Lane Striping from Pratt Ave to Antelope Road

9/17/2020

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT COST	COST
1	Demolition, Mobilization, Construction Staking, & Traffic Control	1	LS		\$0
2	Striping Removal	1	LS	\$10,000	\$10,000
3	Linear Striping	11,000	LF	\$4	\$44,000
4	Advance Stop Line	120	LF	\$20	\$2,400
5	Pavement Markings	35	EA	\$155	\$5,425
		S	ubTotal Items		\$61,825
		(CONTINGENCY	30%	\$18,548
		Total	Cost Estimate		\$80,373

^{*}Cost does not include right of way acquisition for sidewalk section on Auburn Boulevard

Citrus Heights, CA Carriage Drive and Lauppe Lane Safe Schools Corridor Plan Concept Estimate with Interim Improvements

9/17/2020

					3/11/2020
ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY		UNIT COST	COST
1	Demolition, Mobilization, Construction Staking, & Traffic Control	1	LS	\$587,291	\$587,291
2	Drainage Allocation	1	LS	\$50,000	\$50,000
3	Sidewalk Section*	3,790	SF	\$45	\$170,550
4	Curb Extension	14	EA	\$43,750	\$612,500
5	Curb and Gutter	356	LF	\$35	\$12,460
6	Median Section	170	SF	\$40	\$6,800
7	Red Curb	550	LF	\$4	\$2,200
8	Speed Hump	8	EA	\$7,500	\$60,000
9	Striping Removal	23,992	LF	\$3	\$71,976
10	Linear Striping	33,749	LF	\$4	\$134,996
11	Advance Stop Line	243	LF	\$20	\$4,860
12	Pavement Markings	78	EA	\$155	\$12,090
13	Bike Green Conflict Striping	1,560	EA	\$10	\$15,600
14	Yield Line Markings	20	LF	\$20	\$400
15	Standard Crosswalk	543	LF	\$10	\$5,430
16	High Visibility Crosswalk Striping	5,460	SF	\$25	\$136,500
17	Sign & Post	6	EA	\$450	\$2,700
18	Traffic Circle	2	EA	\$150,000	\$300,000
19	Bicycle Detection	1	EA	\$1,750	\$1,750
20	Raised Crosswalk	1	EA	\$15,000	\$15,000
21	School Improvements	1	LS	\$341,826	\$341,826
	Yield Line Markings	12	LF	\$20	\$240
	High Visibility Crosswalk Striping	880	SF	\$25	\$22,000
	Sign & Post	3	EA	\$450	\$1,350
	Roadway Section	4,529	SF	\$35	\$158,515
	Traffic Circle	1	EA	\$150,000	\$150,000
	Pavement Markings	23	EA	\$155	\$3,565
	Linear Striping	1,539	LF	\$4	\$6,156
			SubTotal Items		\$2,544,929
			CONTINGENCY	30%	\$763,479
		Tota	al Cost Estimate		\$3,308,408

^{*}Cost does not include right of way acquisition for sidewalk section on Auburn Boulevard