

# **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 NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT COST	COST
1	Demolition, Mobilization, Construction Staking, & Traffic Control	1	LS	\$870,000	\$870,000
2	Drainage Allocation	1	LS	\$50,000	\$50,000
3	Sidewalk Section*	53,834	SF	\$45	\$2,422,530
4	Curb Extension	14	EA	\$43,750	\$612,500
5	Curb and Gutter	2,932	LF	\$35	\$102,620
6	Median Section	324	SF	\$40	\$12,960
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	23,749	LF	\$4	\$94,996
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	Landscaped Diverter	1	EA	\$25,000	\$25,000
18	Sign & Post	6	EA	\$450	\$2,700
19	Traffic Circle	2	EA	\$150,000	\$300,000
20	Bicycle Detection	1	EA	\$1,750	\$1,750
21	Raised Intersection	1	EA	\$50,000	\$50,000
22	Raised Crosswalk	1	EA	\$15,000	\$15,000
23	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
<b>SubTotal Items</b>					<b>\$5,210,938</b>
	CONTINGENCY		30%		\$1,563,281
<b>Total Cost Estimate</b>					<b>\$6,774,219</b>

\*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
SubTotal 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**

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	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
<b>SubTotal Items</b>					<b>\$2,544,929</b>
	CONTINGENCY		30%		\$763,479
<b>Total Cost Estimate</b>					<b>\$3,308,408</b>

\*Cost does not include right of way acquisition for sidewalk section on Auburn Boulevard