

Appendix C:

Complete Streets Priority Corridor Cost Estimates



Preliminary Engineers Cost Estimate

City: Indio
 Project: Indio Complete Streets
 Location: Avenue 42
 Date: 2/26/2020

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT OF MEASURE	UNIT PRICE	ITEM TOTAL
GENERAL					
1	Mobilization	1	LS	\$300,000	\$300,000
1.01	Traffic control	1	LS	\$150,000	\$150,000
1.02	Construction survey and monumentation	1	LS	\$150,000	\$150,000
1.03	Storm Water Pollution Prevention Plan	1	LS	\$150,000	\$150,000
GENERAL SUBTOTAL					\$750,000
STREET					
Widening					
2	Demo/Unclassified excavation	18700	CY	\$70	\$1,309,000
2.01	Asphalt concrete pavement	1400	TON	\$125	\$175,000
Sidewalk					
2.02	Demo/Unclassified excavation	130	CY	\$70	\$9,100
2.03	PCC Sidewalk	2500	SF	\$10	\$25,000
2.04	Landscape	1500	SF	\$15	\$22,500
2.05	PCC curb and gutter	310	LF	\$50	\$15,500
STREET SUBTOTAL					\$1,556,100
SIGNING & STRIPING					
3	Remove striping	1	LS	\$15,000	\$15,000
3.01	Class IV striping (both sides)	68000	LF	\$2	\$136,000
3.02	Soft hit post (20' spacing on center)	1540	EA	\$220	\$338,800
3.03	Bike lane pavement markers (both sides)	35	EA	\$500	\$17,500
3.04	Lane line striping (6 lane roadway)	62000	LF	\$2	\$124,000
SIGNING & STRIPING SUBTOTAL					\$631,300
TOTAL					\$2,937,400
30% CONTINGENCY					\$881,220
10% DESIGN					\$293,740
6% CONSTRUCTION ENGINEERING					\$176,244
GRAND TOTAL					\$4,288,604



Preliminary Engineers Cost Estimate

City: Indio
Project: Indio Complete Streets
Location: Clinton Street
Date: 2/26/2020

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT OF MEASURE	UNIT PRICE	ITEM TOTAL
GENERAL					
1	Mobilization	1	LS	\$90,000	\$90,000
1.01	Traffic control	1	LS	\$45,000	\$45,000
1.02	Construction survey and monumentation	1	LS	\$45,000	\$45,000
1.03	Storm Water Pollution Prevention Plan	1	LS	\$45,000	\$45,000
GENERAL SUBTOTAL					\$225,000
STREET					
Sidewalk					
2	Demo/Unclassified excavation	950	CY	\$70	\$66,500
2.01	PCC Sidewalk	12500	SF	\$10	\$125,000
2.02	Landscape	13100	SF	\$15	\$196,500
2.03	PCC curb and gutter	2200	LF	\$50	\$110,000
Pedestrian Refuge Island					
2.04	Demo/Unclassified excavation	5	CY	\$70	\$350
2.05	PCC Sidewalk	75	SF	\$10	\$750
2.06	PCC curb and gutter	60	LF	\$50	\$3,000
2.07	Detectable warning surface	2	EA	\$1,000	\$2,000
STREET SUBTOTAL					\$504,100
TRAFFIC SIGNAL					
3	Remove existing pedestrian push button	8	EA	\$150	\$1,200
3.01	Furnish and install pedestrian push button	8	EA	\$1,850	\$14,800
3.02	Signal timing improvements	1	LS	\$6,000	\$6,000
TRAFFIC SIGNAL SUBTOTAL					\$22,000
LIGHTING					
4	Furnish and install luminaire complete	8	EA	\$10,750	\$86,000
LIGHTING SUBTOTAL					\$86,000
SIGNING & STRIPING					
5	Remove striping	1	LS	\$2,000	\$2,000
5.01	Class II striping (both sides)	3600	LF	\$2	\$7,200
5.02	Bike lane pavement markers (both sides)	5	EA	\$500	\$2,500
5.03	Lane line striping (4 lane roadway)	7200	LF	\$2	\$14,400
5.04	Conflict zone striping	100	LF	\$2	\$200
5.05	Continental x-walk	800	SF	\$2	\$1,600
SIGNING & STRIPING SUBTOTAL					\$27,900
TOTAL					\$865,000
30% CONTINGENCY					\$259,500
10% DESIGN					\$86,500
6% CONSTRUCTION ENGINEERING					\$51,900
GRAND TOTAL					\$1,262,900



Preliminary Engineers Cost Estimate

City: Indio
Project: Indio Complete Streets
Location: Indio Boulevard
Date: 2/26/2020

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT OF MEASURE	UNIT PRICE	ITEM TOTAL
GENERAL					
1	Mobilization	1	LS	\$95,000	\$95,000
1.01	Traffic control	1	LS	\$47,500	\$47,500
1.02	Construction survey and monumentation	1	LS	\$47,500	\$47,500
1.03	Storm Water Pollution Prevention Plan	1	LS	\$47,500	\$47,500
GENERAL SUBTOTAL					\$237,500
STREET					
Sidewalk					
2	Demo/Unclassified excavation	90	CY	\$70	\$6,300
2.01	PCC Sidewalk	2350	SF	\$10	\$23,500
2.02	PCC curb and gutter	500	LF	\$50	\$25,000
STREET SUBTOTAL					\$54,800
TRAFFIC SIGNAL					
3	Furnish and install bicycle push button	5	EA	\$1,850	\$9,250
3.01	Furnish and install bicycle head with mounting	5	EA	\$2,400	\$12,000
3.02	Signal timing improvements	5	EA	\$10,000	\$50,000
TRAFFIC SIGNAL SUBTOTAL					\$71,250
SIGNING & STRIPING					
4	Remove striping	1	LS	\$15,000	\$15,000
4.01	Class II striping with buffer (both sides)	172000	LF	\$2	\$344,000
4.02	Bike lane pavement markers (both sides)	60	EA	\$500	\$30,000
4.03	Lane Striping (4 lane roadway)	55000	LF	\$2	\$110,000
4.04	Green Left turn jug handle for bicycle	1250	SF	\$15	\$18,750
4.05	Continental x-walk	6000	SF	\$2	\$12,000
SIGNING & STRIPING SUBTOTAL					\$529,750
TOTAL					\$893,300
30% CONTINGENCY					\$267,990
10% DESIGN					\$89,330
6% CONSTRUCTION ENGINEERING					\$53,598
GRAND TOTAL					\$1,304,218



Preliminary Engineers Cost Estimate

City: Indio
 Project: Indio Complete Streets
 Location: Jackson Street
 Date: 2/26/2020

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT OF MEASURE	UNIT PRICE	ITEM TOTAL
GENERAL					
1	Mobilization	1	LS	\$360,000	\$360,000
1.01	Traffic control	1	LS	\$180,000	\$180,000
1.02	Construction survey and monumentation	1	LS	\$180,000	\$180,000
1.03	Storm Water Pollution Prevention Plan	1	LS	\$180,000	\$180,000
GENERAL SUBTOTAL					\$900,000
STREET					
Sidewalk					
2	Demo/Unclassified excavation	1950	CY	\$70	\$136,500
2.01	PCC Sidewalk	52500	SF	\$10	\$525,000
2.02	Landscape	52500	SF	\$15	\$787,500
2.03	PCC curb and gutter	8700	LF	\$50	\$435,000
STREET SUBTOTAL					\$1,884,000
TRAFFIC SIGNAL					
3	Remove existing pedestrian push button	8	EA	\$150	\$1,200
3.01	Remove pedestrian head and mounting	8	EA	\$300	\$2,400
3.02	Furnish and install pedestrian push button	8	EA	\$1,850	\$14,800
3.03	Furnish and install countdown pedestrian head with mounting	8	EA	\$2,400	\$19,200
3.04	Signal timing improvements	1	LS	\$6,000	\$6,000
TRAFFIC SIGNAL SUBTOTAL					\$43,600
LIGHTING					
4	Furnish and install luminaire complete	35	EA	\$10,750	\$376,250
LIGHTING SUBTOTAL					\$376,250
SIGNING & STRIPING					
5	Remove striping	1	LS	\$12,000	\$12,000
5.01	Class II striping (both sides)	50000	LF	\$2	\$100,000
5.02	Bike lane pavement markers (both sides)	55	EA	\$500	\$27,500
5.03	Class IV striping (both sides)	6200	LF	\$2	\$12,400
5.04	Soft Hit Post (20' spacing on center)	140	EA	\$220	\$30,800
SIGNING & STRIPING SUBTOTAL					\$182,700
TOTAL					\$3,386,550
30% CONTINGENCY					\$1,015,965
10% DESIGN					\$338,655
6% CONSTRUCTION ENGINEERING					\$203,193
GRAND TOTAL					\$4,944,363



Preliminary Engineers Cost Estimate

City: Indio
 Project: Indio Complete Streets
 Location: Madison Street
 Date: 1/21/2020

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT OF MEASURE	UNIT PRICE	ITEM TOTAL
GENERAL					
1	Mobilization	1	LS	\$80,000	\$80,000
1.01	Traffic control	1	LS	\$40,000	\$40,000
1.02	Construction survey and monumentation	1	LS	\$40,000	\$40,000
1.03	Storm Water Pollution Prevention Plan	1	LS	\$40,000	\$40,000
GENERAL SUBTOTAL					\$200,000
STREET					
Sidewalk					
2	Demo/Unclassified excavation	280	CY	\$70	\$19,600
2.01	PCC Sidewalk	7600	SF	\$10	\$76,000
2.02	PCC curb and gutter	1260	LF	\$50	\$63,000
Choker Removal					
2.03	Demo/Unclassified excavation	35	CY	\$70	\$2,450
2.04	Asphalt concrete pavement	5	TON	\$125	\$625
2.05	PCC curb and gutter	200	LF	\$50	\$10,000
STREET SUBTOTAL					\$171,675
LIGHTING					
3	Furnish and install luminaire complete	5	EA	\$10,750	\$53,750
LIGHTING SUBTOTAL					\$53,750
SIGNING & STRIPING					
4	Remove striping	1	LS	\$8,000	\$8,000
4.01	Class II striping (both sides)	16100	LF	\$2	\$32,200
4.02	Bike lane pavement markers (both sides)	30	EA	\$500	\$15,000
4.03	Class IV striping (both sides)	25000	LF	\$2	\$50,000
4.04	Soft hit post (20' spacing on center)	525	EA	\$220	\$115,500
4.05	Lane Striping (4 lane roadway)	53100	LF	\$2	\$106,200
4.06	Two-stage green bike turn box	220	SF	\$15	\$3,300
4.07	Bicycle left turn pavement marker	2	EA	\$500	\$1,000
4.08	12" white line (box border)	110	LF	\$2	\$220
4.09	Continental x-walk	1700	SF	\$2	\$3,400
SIGNING & STRIPING SUBTOTAL					\$334,820
TOTAL					\$760,245
30% CONTINGENCY					\$228,074
10% DESIGN					\$76,025
6% CONSTRUCTION ENGINEERING					\$45,615
GRAND TOTAL					\$1,109,958



Preliminary Engineers Cost Estimate

City: Indio
 Project: Indio Complete Streets
 Location: Miles Avenue
 Date: 2/26/2020

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT OF MEASURE	UNIT PRICE	ITEM TOTAL
GENERAL					
1	Mobilization	1	LS	\$90,000	\$90,000
1.01	Traffic control	1	LS	\$45,000	\$45,000
1.02	Construction survey and monumentation	1	LS	\$45,000	\$45,000
1.03	Storm Water Pollution Prevention Plan	1	LS	\$45,000	\$45,000
GENERAL SUBTOTAL					\$225,000
STREET					
Bulbout					
2	Raised curb extension	8	EA	\$50,000	\$400,000
STREET SUBTOTAL					\$400,000
TRAFFIC SIGNAL					
3	Remove existing pedestrian push button	15	EA	\$150	\$2,250
3.01	Remove pedestrian head and mounting	6	EA	\$300	\$1,800
3.02	Furnish and install pedestrian push button	15	EA	\$1,850	\$27,750
3.03	Furnish and install countdown pedestrian head with mounting	6	EA	\$2,400	\$14,400
TRAFFIC SIGNAL SUBTOTAL					\$46,200
LIGHTING					
4	Furnish and install luminaire complete	4	EA	\$10,750	\$43,000
LIGHTING SUBTOTAL					\$43,000
SIGNING & STRIPING					
5	Remove striping	1	LS	\$7,000	\$7,000
5.01	Class II striping (both sides)	13500	LF	\$2	\$27,000
5.02	Bike lane pavement markers (both sides)	15	EA	\$500	\$7,500
5.03	Class III (sharrows both sides)	40	EA	\$500	\$20,000
5.04	Edgeline striping	6200	LF	\$2	\$12,400
5.05	Lane line striping (4 lane roadway)	27000	LF	\$2	\$54,000
5.06	Continental x-walk	4300	SF	\$2	\$8,600
SIGNING & STRIPING SUBTOTAL					\$136,500
TOTAL					\$850,700
30% CONTINGENCY					\$255,210
10% DESIGN					\$85,070
6% CONSTRUCTION ENGINEERING					\$51,042
GRAND TOTAL					\$1,242,022



Preliminary Engineers Cost Estimate

City: Indio
 Project: Indio Complete Streets
 Location: Monroe Street
 Date: 2/26/2020

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT OF MEASURE	UNIT PRICE	ITEM TOTAL
GENERAL					
1	Mobilization	1	LS	\$120,000	\$120,000
1.01	Traffic control	1	LS	\$60,000	\$60,000
1.02	Construction survey and monumentation	1	LS	\$60,000	\$60,000
1.03	Storm Water Pollution Prevention Plan	1	LS	\$60,000	\$60,000
GENERAL SUBTOTAL					\$300,000
STREET					
Sidewalk					
2	Demo/Unclassified excavation	10	CY	\$70	\$700
2.01	PCC Sidewalk	250	SF	\$10	\$2,500
2.02	PCC curb and gutter	40	LF	\$50	\$2,000
STREET SUBTOTAL					\$5,200
TRAFFIC SIGNAL					
3	Remove existing pedestrian push button	18	EA	\$150	\$2,700
3.01	Remove pedestrian head and mounting	6	EA	\$300	\$1,800
3.02	Furnish and install pedestrian push button	18	EA	\$1,850	\$33,300
3.03	Furnish and install countdown pedestrian head with mounting	6	EA	\$2,400	\$14,400
3.04	Signal timing improvements	1	LS	\$6,000	\$6,000
TRAFFIC SIGNAL SUBTOTAL					\$58,200
SIGNING & STRIPING					
4	Remove striping	1	LS	\$15,000	\$15,000
4.01	Class II striping (both sides)	42000	LF	\$2	\$84,000
4.02	Class IV striping (both sides)	48300	LF	\$2	\$96,600
4.03	Bike lane pavement markers (both sides)	65	EA	\$500	\$32,500
4.04	Soft hit post (20' spacing on center)	1100	EA	\$220	\$242,000
4.05	Conflict zone striping	1100	LF	\$2	\$2,200
4.06	Lane line striping (4 lane roadway)	127400	LF	\$2	\$254,800
SIGNING & STRIPING SUBTOTAL					\$727,100
TOTAL					\$1,090,500
30% CONTINGENCY					\$327,150
10% DESIGN					\$109,050
6% CONSTRUCTION ENGINEERING					\$65,430
GRAND TOTAL					\$1,592,130



Preliminary Engineers Cost Estimate

City: Indio
 Project: Indio Complete Streets
 Location: Oasis Street
 Date: 2/26/2020

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT OF MEASURE	UNIT PRICE	ITEM TOTAL
GENERAL					
1	Mobilization	1	LS	\$180,000	\$180,000
1.01	Traffic control	1	LS	\$90,000	\$90,000
1.02	Construction survey and monumentation	1	LS	\$90,000	\$90,000
1.03	Storm Water Pollution Prevention Plan	1	LS	\$90,000	\$90,000
GENERAL SUBTOTAL					\$450,000
STREET					
Bulbout					
2	Raised curb extension	16	EA	\$50,000	\$800,000
Landscape Median					
2.01	Demo/Unclassified excavation	115	CY	\$70	\$8,050
2.02	Landscape	3100	SF	\$15	\$46,500
2.03	PCC curb and gutter	610	LF	\$50	\$30,500
STREET SUBTOTAL					\$885,050
SIGNING & STRIPING					
3	Remove striping	1	LS	\$8,000	\$8,000
3.01	Class II striping with buffer (both sides)	13100	LF	\$2	\$26,200
3.02	Class IV striping (both sides)	24000	LF	\$2	\$48,000
3.03	Soft hit post (20' spacing on center)	540	EA	\$220	\$118,800
3.04	Bike lane pavement markers (both sides)	20	EA	\$500	\$10,000
3.05	Lane line striping (2 lane roadway with parking)	35000	LF	\$2	\$70,000
3.06	Continental x-walk	4300	SF	\$2	\$8,600
3.07	Install rectangular rapid flashing beacon complete	1	EA	\$60,000	\$60,000
SIGNING & STRIPING SUBTOTAL					\$349,600
TOTAL					\$1,684,650
30% CONTINGENCY					\$505,395
10% DESIGN					\$168,465
6% CONSTRUCTION ENGINEERING					\$101,079
GRAND TOTAL					\$2,459,589



Preliminary Engineers Cost Estimate

City: Indio
Project: Indio Complete Streets
Location: Requa Avenue
Date: 2/26/2020

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT OF MEASURE	UNIT PRICE	ITEM TOTAL
GENERAL					
1	Mobilization	1	LS	\$140,000	\$140,000
1.01	Traffic control	1	LS	\$70,000	\$70,000
1.02	Construction survey and monumentation	1	LS	\$70,000	\$70,000
1.03	Storm Water Pollution Prevention Plan	1	LS	\$70,000	\$70,000
GENERAL SUBTOTAL					\$350,000
STREET					
Bulbout					
2	Raised curb extension	10	EA	\$50,000	\$500,000
Pedestrian Refuge Island					
2.01	Demo/Unclassified excavation	6	CY	\$70	\$420
2.02	PCC Sidewalk	160	SF	\$10	\$1,600
2.03	PCC curb and gutter	75	LF	\$50	\$3,750
2.04	Detectable warning surface	2	EA	\$1,000	\$2,000
STREET SUBTOTAL					\$507,770
LIGHTING					
3	Furnish and install luminaire complete	18	EA	\$10,750	\$193,500
LIGHTING SUBTOTAL					\$193,500
SIGNING & STRIPING					
4	Remove striping	1	LS	\$7,000	\$7,000
4.01	Class III (sharrows both sides)	55	EA	\$500	\$27,500
4.02	Lane line striping (2 lane roadway with parking)	27000	LF	\$2	\$54,000
4.03	Install rectangular rapid flashing beacon complete	2	EA	\$60,000	\$120,000
4.04	Continental x-walk	3300	SF	\$2	\$6,600
SIGNING & STRIPING SUBTOTAL					\$215,100
TOTAL					\$1,266,370
30% CONTINGENCY					\$379,911
10% DESIGN					\$126,637
6% CONSTRUCTION ENGINEERING					\$75,982
GRAND TOTAL					\$1,848,900