

# appendix **D**

**IN THIS APPENDIX:**

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Local Project  
Cost Estimates

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# SAFE ROUTES TO SCHOOL FOCUS AREA COST ESTIMATES

## FRIENDLY HILLS ELEMENTARY SCHOOL

IMPROVEMENT / RECOMMENDATION	UNIT	COST	QUANTITY	TOTAL
Raised Two-Way Cycle Track (1 Side of Street)	Per Linear Foot	\$200	610	\$121,901
Pedestrian Flashing Beacon (Post/Pole Mount)	Each	\$7,500	2	\$15,000
New Sign & New Post	Each	\$450	6	\$2,700
New Sign on Existing Post	Each	\$150	2	\$300
School Area Pavement Marking (Per Word)	Each	\$210	6	\$1,260
High Visibility Ladder Crosswalk	Each	\$2,050	4	\$8,200
ADA Curb Ramps	Each	\$6,089	7	\$42,626
Curb Extension - Raised	Each	\$21,889	2	\$43,777
8' Paved Asphalt Shoulder (2 sides of road)	Per Linear Foot	\$64	1790	\$114,560
Shoulder Stripe (Both Sides)	Per Linear Foot	\$3	1790	\$5,370
Asphalt Path (12', with two 2' shoulders)	Per Linear Foot	\$103	2159	\$222,366
Yield Line	Per Linear Foot	\$3	64	\$192
Remove Existing Pavement Marking	Per Square Foot	\$3	1400	\$4,200
Subtotal				\$582,452
Design (Subtotal * 15%)				\$87,368
Environmental (Subtotal * 8%)				\$46,596
Construction Management (Subtotal + D + E) * 10%				\$71,642
Mobilization (Subtotal + D + E) * 8%				\$57,313
Traffic Control (Subtotal + D + E) * 5%				\$35,821
Contingency (Subtotal + D + E + CM + M + TC) * 15%				\$132,179
<b>TOTAL =</b>				<b>\$1,013,371</b>

## LA CONTENTA MIDDLE SCHOOL & BLACK ROCK HIGH SCHOOL

IMPROVEMENT / RECOMMENDATION	UNIT	COST	QUANTITY	TOTAL
Roadway Lane Line Striping (Both Directions)	Per Linear Foot	\$5	100	\$500
Rectangular Rapid Flashing Beacon (2/Uncontrolled X-walk)	Per Crosswalk	\$15,000	1	\$15,000
New Sign & New Post	Each	\$450	2	\$900
ADA Curb Ramps	Each	\$6,089	7	\$42,626
Standard Crosswalks	Each	\$900	1	\$900
Traffic Signal	Per Intersection	\$325,000	1	\$325,000
Concrete Sidewalk (1 side of street)	Per Linear Foot	\$74	375	\$27,773
Asphalt Path (12', with two 2' shoulders)	Per Linear Foot	\$103	10426	\$1,073,826
Concrete Curb and Gutter (1 side of Street)	Per Linear Foot	\$50	1050	\$52,500
Driveway	Each	\$3,000	1	\$3,000
Yield Line	Per Linear Foot	\$3	34	\$102
AC and Earthwork	Per Square Foot	\$13	6000	\$78,000
Subtotal				\$1,620,126
Design (Subtotal * 15%)				\$243,019
Environmental (Subtotal * 8%)				\$129,610
Construction Management (Subtotal + D + E) * 10%				\$199,276
Mobilization (Subtotal + D + E) * 8%				\$159,420
Traffic Control (Subtotal + D + E) * 5%				\$99,638
Contingency (Subtotal + D + E + CM + M + TC) * 15%				\$367,663
<b>TOTAL =</b>				<b>\$2,818,753</b>

# LANDERS ELEMENTARY SCHOOL

IMPROVEMENT / RECOMMENDATION	UNIT	COST	QUANTITY	TOTAL
Speed Awareness Sign	Each	\$12,000	2	\$24,000
New Sign & New Post	Each	\$450	2	\$900
School Area Pavement Marking (Per Word)	Each	\$210	8	\$1,680
High Visibility Ladder Crosswalk	Each	\$2,050	1	\$2,050
Concrete Sidewalk (1 side of street)	Per Linear Foot	\$74	57	\$4,221
Yield Line	Per Linear Foot	\$3	24	\$72
AC and Earthwork	Per Square Foot	\$13	5200	\$67,600
Subtotal				\$100,523
Design (Subtotal * 15%)				\$15,079
Environmental (Subtotal * 8%)				\$8,042
Construction Management (Subtotal + D + E) * 10%				\$12,364
Mobilization (Subtotal + D + E) * 8%				\$9,892
Traffic Control (Subtotal + D + E) * 5%				\$6,182
Contingency (Subtotal + D + E + CM + M + TC) * 15%				\$22,812
<b>TOTAL =</b>				<b>\$174,894</b>

## MORONGO VALLEY ELEMENTARY SCHOOL

IMPROVEMENT / RECOMMENDATION	UNIT	COST	QUANTITY	TOTAL
Speed Awareness Sign	Each	\$12,000	1	\$12,000
New Sign & New Post	Each	\$450	3	\$1,350
High Visibility Ladder Crosswalk	Each	\$2,050	4	\$8,200
ADA Curb Ramps	Each	\$6,089	16	\$97,431
Concrete Sidewalk (1 side of street)	Per Linear Foot	\$74	3025	\$224,032
Asphalt Path (12', with two 2' shoulders)	Per Linear Foot	\$103	2563	\$263,976
Concrete Curb and Gutter (1 side of Street)	Per Linear Foot	\$50	1153	\$57,650
Driveway	Each	\$3,000	8	\$24,000
Remove Sign and Post	Each	\$100	1	\$100
Yield Line	Per Linear Foot	\$3	30	\$90
Truncated Dome	Each	\$900	5	\$4,500
Subtotal				\$693,328
Design (Subtotal * 15%)				\$103,999
Environmental (Subtotal * 8%)				\$55,466
Construction Management (Subtotal + D + E) * 10%				\$85,279
Mobilization (Subtotal + D + E) * 8%				\$68,224
Traffic Control (Subtotal + D + E) * 5%				\$42,640
Contingency (Subtotal + D + E + CM + M + TC) * 15%				\$157,340
<b>TOTAL =</b>				<b>\$1,206,277</b>

# TWENTYNINE PALMS HIGH SCHOOL

<b>IMPROVEMENT / RECOMMENDATION</b>	<b>UNIT</b>	<b>COST</b>	<b>QUANTITY</b>	<b>TOTAL</b>
<b>Pedestrian Flashing Beacon (Post/Pole Mount)</b>	<b>Each</b>	<b>\$7,500</b>	<b>2</b>	<b>\$15,000</b>
<b>New Sign &amp; New Post</b>	<b>Each</b>	<b>\$450</b>	<b>8</b>	<b>\$3,600</b>
<b>High Visibility Ladder Crosswalk</b>	<b>Each</b>	<b>\$2,050</b>	<b>4</b>	<b>\$8,200</b>
<b>ADA Curb Ramps</b>	<b>Each</b>	<b>\$6,089</b>	<b>2</b>	<b>\$12,179</b>
<b>Concrete Sidewalk (1 side of street)</b>	<b>Per Linear Foot</b>	<b>\$74</b>	<b>2566</b>	<b>\$190,038</b>
<b>Asphalt Path (12', with two 2' shoulders)</b>	<b>Per Linear Foot</b>	<b>\$103</b>	<b>2230</b>	<b>\$229,679</b>
<b>Concrete Curb and Gutter (1 side of Street)</b>	<b>Per Linear Foot</b>	<b>\$50</b>	<b>436</b>	<b>\$21,800</b>
<b>Bulbout</b>	<b>Each</b>	<b>\$50,000</b>	<b>3</b>	<b>\$150,000</b>
<b>Driveway</b>	<b>Each</b>	<b>\$3,000</b>	<b>29</b>	<b>\$87,000</b>
Subtotal				\$717,496
Design (Subtotal * 15%)				\$107,624
Environmental (Subtotal * 8%)				\$57,400
Construction Management (Subtotal + D + E) * 10%				\$88,252
Mobilization (Subtotal + D + E) * 8%				\$70,602
Traffic Control (Subtotal + D + E) * 5%				\$44,126
Contingency (Subtotal + D + E + CM + M + TC) * 15%				\$162,825
<b>TOTAL =</b>				<b>\$1,248,324</b>

# TWENTYNINE PALMS JUNIOR HIGH SCHOOL

<b>IMPROVEMENT / RECOMMENDATION</b>	<b>UNIT</b>	<b>COST</b>	<b>QUANTITY</b>	<b>TOTAL</b>
<b>Pedestrian Flashing Beacon (Post/Pole Mount)</b>	<b>Each</b>	<b>\$7,500</b>	<b>2</b>	<b>\$15,000</b>
<b>Speed Awareness Sign</b>	<b>Each</b>	<b>\$12,000</b>	<b>1</b>	<b>\$12,000</b>
<b>New Sign &amp; New Post</b>	<b>Each</b>	<b>\$450</b>	<b>10</b>	<b>\$4,500</b>
<b>New Sign on Existing Post</b>	<b>Each</b>	<b>\$150</b>	<b>2</b>	<b>\$300</b>
<b>School Area Pavement Marking (Per Word)</b>	<b>Each</b>	<b>\$210</b>	<b>11</b>	<b>\$2,310</b>
<b>High Visibility Ladder Crosswalk</b>	<b>Each</b>	<b>\$2,050</b>	<b>6</b>	<b>\$12,300</b>
<b>ADA Curb Ramps</b>	<b>Each</b>	<b>\$6,089</b>	<b>9</b>	<b>\$54,805</b>
<b>Concrete Sidewalk (1 side of street)</b>	<b>Per Linear Foot</b>	<b>\$74</b>	<b>673</b>	<b>\$49,842</b>
<b>Asphalt Path (12', with two 2' shoulders)</b>	<b>Per Linear Foot</b>	<b>\$103</b>	<b>6484</b>	<b>\$667,820</b>
<b>Bulbout</b>	<b>Each</b>	<b>\$50,000</b>	<b>5</b>	<b>\$250,000</b>
<b>Remove Sign and Post</b>	<b>Each</b>	<b>\$100</b>	<b>1</b>	<b>\$100</b>
<b>Truncated Dome</b>	<b>Each</b>	<b>\$900</b>	<b>2</b>	<b>\$1,800</b>
Subtotal				\$1,070,777
Design (Subtotal * 15%)				\$160,617
Environmental (Subtotal * 8%)				\$85,662
Construction Management (Subtotal + D + E) * 10%				\$131,706
Mobilization (Subtotal + D + E) * 8%				\$105,364
Traffic Control (Subtotal + D + E) * 5%				\$65,853
Contingency (Subtotal + D + E + CM + M + TC) * 15%				\$242,997
<b>TOTAL =</b>				<b>\$1,862,975</b>

# YUCCA MESA ELEMENTARY SCHOOL

IMPROVEMENT / RECOMMENDATION	UNIT	COST	QUANTITY	TOTAL
Speed Awareness Sign	Each	\$12,000	2	\$24,000
New Sign & New Post	Each	\$450	2	\$900
School Area Pavement Marking (Per Word)	Each	\$210	8	\$1,680
High Visibility Ladder Crosswalk	Each	\$2,050	5	\$10,250
ADA Curb Ramps	Each	\$6,089	5	\$30,447
Curb Extension - Painted	Each	\$2,801	1	\$2,801
Concrete Sidewalk (1 side of street)	Per Linear Foot	\$74	330	\$24,440
Asphalt Path (12', with two 2' shoulders)	Per Linear Foot	\$103	1300	\$133,894
Remove Sign and Post	Each	\$100	2	\$200
Yield Line	Per Linear Foot	\$3	44	\$132
Paint Curb	Per Linear Foot	\$2	60	\$120
AC and Earthwork	Per Square Foot	\$13	6760	\$87,880
Subtotal				\$316,743
Design (Subtotal * 15%)				\$47,512
Environmental (Subtotal * 8%)				\$25,339
Construction Management (Subtotal + D + E) * 10%				\$38,959
Mobilization (Subtotal + D + E) * 8%				\$31,168
Traffic Control (Subtotal + D + E) * 5%				\$19,480
Contingency (Subtotal + D + E + CM + M + TC) * 15%				\$71,880
<b>TOTAL -</b>				<b>\$551,081</b>



# OTHER PEDESTRIAN & BICYCLE FOCUS AREA COST ESTIMATES

## ADOBE ROAD & SR-62

IMPROVEMENT / RECOMMENDATION	UNIT	COST	QUANTITY	TOTAL
Bike Route with Sharrows & Signs (2 sides)	Per Linear Foot	\$4	2428	\$9,712
Class II Bicycle Lane Striping (2 sides of road)	Per Linear Foot	\$10	1064	\$10,640
Pedestrian Flashing Beacon (Post/Pole Mount)	Each	\$7,500	2	\$15,000
New Sign & New Post	Each	\$450	14	\$6,300
New Sign on Existing Post	Each	\$150	6	\$900
School Area Pavement Marking (Per Word)	Each	\$210	4	\$840
High Visibility Ladder Crosswalk	Each	\$2,050	3	\$6,150
ADA Curb Ramps	Each	\$6,089	22	\$133,967
Curb Extension - Raised	Each	\$21,889	2	\$43,777
Standard Crosswalks	Each	\$900	5	\$4,500
Concrete Sidewalk (1 side of street)	Per Linear Foot	\$74	522	\$38,659
Driveway	Each	\$3,000	9	\$27,000
Transit Stop Improvements	Each	\$40,000	3	\$120,000
Yield Line	Per Linear Foot	\$3	194	\$582
Remove Mast Arm	Each	\$2,000	1	\$2,000
Subtotal				\$420,028
Design (Subtotal * 15%)				\$63,004
Environmental (Subtotal * 8%)				\$33,602
Construction Management (Subtotal + D + E) * 10%				\$51,663
Mobilization (Subtotal + D + E) * 8%				\$41,331
Traffic Control (Subtotal + D + E) * 5%				\$25,832
Contingency (Subtotal + D + E + CM + M + TC) * 15%				\$95,319
<b>TOTAL =</b>				<b>\$730,779</b>

## BASELINE ROAD & UTAH TRAIL

IMPROVEMENT / RECOMMENDATION	UNIT	COST	QUANTITY	TOTAL
Pedestrian Flashing Beacon (Post/Pole Mount)	Each	\$7,500	2	\$15,000
New Sign & New Post	Each	\$450	4	\$1,800
High Visibility Ladder Crosswalk	Each	\$2,050	1	\$2,050
ADA Curb Ramps	Each	\$6,089	2	\$12,179
Asphalt Path (12', with two 2' shoulders)	Per Linear Foot	\$103	4386	\$451,736
Transit Stop Improvements	Each	\$40,000	1	\$40,000
Remove Sign and Post	Each	\$100	4	\$400
Subtotal				\$523,165
Design (Subtotal * 15%)				\$78,475
Environmental (Subtotal * 8%)				\$41,853
Construction Management (Subtotal + D + E) * 10%				\$64,349
Mobilization (Subtotal + D + E) * 8%				\$51,479
Traffic Control (Subtotal + D + E) * 5%				\$32,175
Contingency (Subtotal + D + E + CM + M + TC) * 15%				\$118,724
<b>TOTAL =</b>				<b>\$910,221</b>

# COPPER MOUNTAIN COLLEGE

IMPROVEMENT / RECOMMENDATION	UNIT	COST	QUANTITY	TOTAL
<b>8' Paved Asphalt Shoulder (2 sides of road)</b>	<b>Per Linear Foot</b>	<b>\$64</b>	<b>2586</b>	<b>\$165,504</b>
<b>Shoulder Stripe (Both Sides)</b>	<b>Per Linear Foot</b>	<b>\$3</b>	<b>2586</b>	<b>\$7,758</b>
Subtotal				\$173,262
Design (Subtotal * 15%)				\$25,989
Environmental (Subtotal * 8%)				\$13,861
Construction Management (Subtotal + D + E) * 10%				\$21,311
Mobilization (Subtotal + D + E) * 8%				\$17,049
Traffic Control (Subtotal + D + E) * 5%				\$10,656
Contingency (Subtotal + D + E + CM + M + TC) * 15%				\$39,319
<b>TOTAL =</b>				<b>\$301,447</b>

## EL PASEO DRIVE & HILLSIDE AVENUE

IMPROVEMENT / RECOMMENDATION	UNIT	COST	QUANTITY	TOTAL
Class II Bicycle Lane Striping (2 sides of road)	Per Linear Foot	\$10	3377	\$33,770
New Sign & New Post	Each	\$450	4	\$1,800
School Area Pavement Marking (Per Word)	Each	\$210	10	\$2,100
High Visibility Ladder Crosswalk	Each	\$2,050	4	\$8,200
ADA Curb Ramps	Each	\$6,089	0	\$0
Standard Crosswalks	Each	\$900	2	\$1,800
Concrete Sidewalk (1 side of street)	Per Linear Foot	\$74	4253	\$314,977
Asphalt Path (12', with two 2' shoulders)	Per Linear Foot	\$103	4231	\$435,772
Concrete Curb and Gutter (1 side of Street)	Per Linear Foot	\$50	1334	\$66,700
Bulbout	Each	\$50,000	7	\$350,000
Driveway	Each	\$3,000	23	\$69,000
Remove Sign and Post	Each	\$100	2	\$200
Yield Line	Per Linear Foot	\$3	50	\$150
Remove Existing Pavement Marking	Per Square Foot	\$3	400	\$1,200
Subtotal				\$1,285,669
Design (Subtotal * 15%)				\$192,850
Environmental (Subtotal * 8%)				\$102,854
Construction Management (Subtotal + D + E) * 10%				\$158,137
Mobilization (Subtotal + D + E) * 8%				\$126,510
Traffic Control (Subtotal + D + E) * 5%				\$79,069
Contingency (Subtotal + D + E + CM + M + TC) * 15%				\$291,763
<b>TOTAL =</b>				<b>\$2,236,852</b>

## SR-62 & AVALON AVENUE

IMPROVEMENT / RECOMMENDATION	UNIT	COST	QUANTITY	TOTAL
ADA Curb Ramps	Each	\$6,089	1	\$6,089
Standard Crosswalks	Each	\$900	2	\$1,800
Concrete Sidewalk (1 side of street)	Per Linear Foot	\$74	55	\$4,073
Asphalt Path (12', with two 2' shoulders)	Per Linear Foot	\$103	2650	\$272,937
Subtotal				\$284,899
Design (Subtotal * 15%)				\$42,735
Environmental (Subtotal * 8%)				\$22,792
Construction Management (Subtotal + D + E) * 10%				\$35,043
Mobilization (Subtotal + D + E) * 8%				\$28,034
Traffic Control (Subtotal + D + E) * 5%				\$17,521
Contingency (Subtotal + D + E + CM + M + TC) * 15%				\$64,654
<b>TOTAL =</b>				<b>\$495,678</b>

## SR-62 & PARK AVENUE

IMPROVEMENT / RECOMMENDATION	UNIT	COST	QUANTITY	TOTAL
<b>Bike Route Signage Only (2 Sides)</b>	Per Linear Foot	\$1	1000	\$1,364
<b>Bike Route with Sharrows &amp; Signs (2 sides)</b>	Per Linear Foot	\$4	5043	\$20,172
<b>ADA Curb Ramps</b>	Each	\$6,089	4	\$24,358
<b>Standard Crosswalks</b>	Each	\$900	8	\$7,200
<b>Traffic Signal</b>	Per Intersection	\$325,000	3	\$975,000
Subtotal				\$1,028,093
Design (Subtotal * 15%)				\$154,214
Environmental (Subtotal * 8%)				\$82,247
Construction Management (Subtotal + D + E) * 10%				\$126,455
Mobilization (Subtotal + D + E) * 8%				\$101,164
Traffic Control (Subtotal + D + E) * 5%				\$63,228
Contingency (Subtotal + D + E + CM + M + TC) * 15%				\$233,310
<b>TOTAL =</b>				<b>\$1,788,713</b>

## SR-62 & WARREN VISTA DRIVE

IMPROVEMENT / RECOMMENDATION	UNIT	COST	QUANTITY	TOTAL
High Visibility Ladder Crosswalk	Each	\$2,050	4	\$8,200
ADA Curb Ramps	Each	\$6,089	11	\$66,984
8' Paved Asphalt Shoulder (2 sides of road)	Per Linear Foot	\$64	2154	\$137,856
Shoulder Stripe (Both Sides)	Per Linear Foot	\$3	2154	\$6,462
Concrete Sidewalk (1 side of street)	Per Linear Foot	\$74	3399	\$251,730
Transit Stop Improvements	Each	\$40,000	1	\$40,000
Subtotal				\$511,232
Design (Subtotal * 15%)				\$76,685
Environmental (Subtotal * 8%)				\$40,899
Construction Management (Subtotal + D + E) * 10%				\$62,881
Mobilization (Subtotal + D + E) * 8%				\$50,305
Traffic Control (Subtotal + D + E) * 5%				\$31,441
Contingency (Subtotal + D + E + CM + M + TC) * 15%				\$116,016
<b>TOTAL =</b>				<b>\$889,459</b>

## ONAGA TRAIL & BALSAL AVENUE

IMPROVEMENT / RECOMMENDATION	UNIT	COST	QUANTITY	TOTAL
New Sign & New Post	Each	\$450	4	\$1,800
School Area Pavement Marking (Per Word)	Each	\$210	2	\$420
High Visibility Ladder Crosswalk	Each	\$2,050	8	\$16,400
ADA Curb Ramps	Each	\$6,089	17	\$103,520
Standard Crosswalks	Each	\$900	4	\$3,600
Traffic Signal	Per Intersection	\$325,000	1	\$325,000
Concrete Sidewalk (1 side of street)	Per Linear Foot	\$74	6678	\$494,573
Concrete Curb and Gutter (1 side of Street)	Per Linear Foot	\$50	5826	\$291,300
Bulbout	Each	\$50,000	3	\$150,000
Driveway	Each	\$3,000	36	\$108,000
Transit Stop Improvements	Each	\$40,000	1	\$40,000
Subtotal				\$1,534,613
Design (Subtotal * 15%)				\$230,192
Environmental (Subtotal * 8%)				\$122,769
Construction Management (Subtotal + D + E) * 10%				\$188,757
Mobilization (Subtotal + D + E) * 8%				\$151,006
Traffic Control (Subtotal + D + E) * 5%				\$94,379
Contingency (Subtotal + D + E + CM + M + TC) * 15%				\$348,257
<b>TOTAL =</b>				<b>\$2,669,973</b>



## ONAGA TRAIL & HOPI TRAIL

IMPROVEMENT / RECOMMENDATION	UNIT	COST	QUANTITY	TOTAL
School Area Pavement Marking (Per Word)	Each	\$210	8	\$1,680
High Visibility Ladder Crosswalk	Each	\$2,050	7	\$14,350
ADA Curb Ramps	Each	\$6,089	21	\$127,878
Concrete Sidewalk (1 side of street)	Per Linear Foot	\$74	6052	\$448,211
Concrete Curb and Gutter (1 side of Street)	Per Linear Foot	\$50	6052	\$302,600
Bulbout	Each	\$50,000	6	\$300,000
Driveway	Each	\$3,000	32	\$96,000
Truncated Dome	Each	\$900	4	\$3,600
Subtotal				\$1,294,319
Design (Subtotal * 15%)				\$194,148
Environmental (Subtotal * 8%)				\$103,546
Construction Management (Subtotal + D + E) * 10%				\$159,201
Mobilization (Subtotal + D + E) * 8%				\$127,361
Traffic Control (Subtotal + D + E) * 5%				\$79,601
Contingency (Subtotal + D + E + CM + M + TC) * 15%				\$293,726
<b>TOTAL -</b>				<b>\$2,251,902</b>

## ONAGA TRAIL & SAGE AVENUE

IMPROVEMENT / RECOMMENDATION	UNIT	COST	QUANTITY	TOTAL
Rectangular Rapid Flashing Beacon (2/Uncontrolled X-walk)	Per Crosswalk	\$15,000	1	\$15,000
New Sign & New Post	Each	\$450	8	\$3,600
New Sign on Existing Post	Each	\$150	2	\$300
School Area Pavement Marking (Per Word)	Each	\$210	8	\$1,680
High Visibility Ladder Crosswalk	Each	\$2,050	4	\$8,200
ADA Curb Ramps	Each	\$6,089	7	\$42,626
Traffic Signal	Per Intersection	\$325,000	1	\$325,000
Concrete Sidewalk (1 side of street)	Per Linear Foot	\$74	855	\$63,321
Asphalt Path (12', with two 2' shoulders)	Per Linear Foot	\$103	1986	\$204,548
Concrete Curb and Gutter (1 side of Street)	Per Linear Foot	\$50	2112	\$105,600
Bulbout	Each	\$50,000	2	\$100,000
Driveway	Each	\$3,000	12	\$36,000
Transit Stop Improvements	Each	\$40,000	1	\$40,000
Yield Line	Per Linear Foot	\$3	128	\$384
AC and Earthwork	Per Square Foot	\$13	14400	\$187,200
Pedestrian Push Button Post	Each	\$750	4	\$3,000
APS Pedestrian Push Button	Each	\$800	4	\$3,200
LED Pedestrian Signal Head	Each	\$1,200	4	\$4,800
Subtotal				\$1,144,459
Design (Subtotal * 15%)				\$171,669
Environmental (Subtotal * 8%)				\$91,557
Construction Management (Subtotal + D + E) * 10%				\$140,768
Mobilization (Subtotal + D + E) * 8%				\$112,615
Traffic Control (Subtotal + D + E) * 5%				\$70,384
Contingency (Subtotal + D + E + CM + M + TC) * 15%				\$259,718
<b>TOTAL -</b>				<b>\$1,991,170</b>

## PALM AVENUE & SUNLAND DRIVE

IMPROVEMENT / RECOMMENDATION	UNIT	COST	QUANTITY	TOTAL
ADA Curb Ramps	Each	\$6,089	21	\$127,878
Standard Crosswalks	Each	\$900	2	\$1,800
Concrete Sidewalk (1 side of street)	Per Linear Foot	\$74	4062	\$300,832
Concrete Curb and Gutter (1 side of Street)	Per Linear Foot	\$50	4062	\$203,100
Driveway	Each	\$3,000	9	\$27,000
Subtotal				\$660,610
Design (Subtotal * 15%)				\$99,091
Environmental (Subtotal * 8%)				\$52,849
Construction Management (Subtotal + D + E) * 10%				\$81,255
Mobilization (Subtotal + D + E) * 8%				\$65,004
Traffic Control (Subtotal + D + E) * 5%				\$40,627
Contingency (Subtotal + D + E + CM + M + TC) * 15%				\$149,915
<b>TOTAL =</b>				<b>\$1,149,352</b>

## PARK BOULEVARD & SR-62

IMPROVEMENT / RECOMMENDATION	UNIT	COST	QUANTITY	TOTAL
Bike Route with Sharrows & Signs (2 sides)	Per Linear Foot	\$4	2620	\$10,480
New Sign & New Post	Each	\$450	24	\$10,800
New Sign on Existing Post	Each	\$150	12	\$1,800
High Visibility Ladder Crosswalk	Each	\$2,050	6	\$12,300
ADA Curb Ramps	Each	\$6,089	9	\$54,805
Curb Extension - Raised	Each	\$21,889	3	\$65,666
Standard Crosswalks	Each	\$900	6	\$5,400
Traffic Signal	Per Intersection	\$325,000	1	\$325,000
8' Paved Asphalt Shoulder (2 sides of road)	Per Linear Foot	\$64	10728	\$686,592
Shoulder Stripe (Both Sides)	Per Linear Foot	\$3	10728	\$32,184
Concrete Sidewalk (1 side of street)	Per Linear Foot	\$74	2425	\$179,596
Concrete Curb and Gutter (1 side of Street)	Per Linear Foot	\$50	1249	\$62,450
Driveway	Each	\$3,000	9	\$27,000
Yield Line	Per Linear Foot	\$3	304	\$912
Subtotal				\$1,474,984
Design (Subtotal * 15%)				\$221,248
Environmental (Subtotal * 8%)				\$117,999
Construction Management (Subtotal + D + E) * 10%				\$181,423
Mobilization (Subtotal + D + E) * 8%				\$145,138
Traffic Control (Subtotal + D + E) * 5%				\$90,712
Contingency (Subtotal + D + E + CM + M + TC) * 15%				\$334,726
<b>TOTAL =</b>				<b>\$2,566,229</b>

## SULLIVAN ROAD & EL SOL AVENUE (KNOTT'S SKY PARK)

IMPROVEMENT / RECOMMENDATION	UNIT	COST	QUANTITY	TOTAL
Bike Route with Sharrows & Signs (2 sides)	Per Linear Foot	\$4	4666	\$18,664
Class II Bicycle Lane Striping (2 sides of road)	Per Linear Foot	\$10	1101	\$11,010
New Sign & New Post	Each	\$450	4	\$1,800
New Sign on Existing Post	Each	\$150	2	\$300
High Visibility Ladder Crosswalk	Each	\$2,050	1	\$2,050
Concrete Sidewalk (1 side of street)	Per Linear Foot	\$74	2005	\$148,490
Concrete Curb and Gutter (1 side of Street)	Per Linear Foot	\$50	2005	\$100,250
Transit Stop Improvements	Each	\$40,000	2	\$80,000
Yield Line	Per Linear Foot	\$3	90	\$270
Subtotal				\$362,834
Design (Subtotal * 15%)				\$54,425
Environmental (Subtotal * 8%)				\$29,027
Construction Management (Subtotal + D + E) * 10%				\$44,629
Mobilization (Subtotal + D + E) * 8%				\$35,703
Traffic Control (Subtotal + D + E) * 5%				\$22,314
Contingency (Subtotal + D + E + CM + M + TC) * 15%				\$82,340
<b>TOTAL -</b>				<b>\$631,272</b>

## YUCCA TRAIL & AIRWAY AVENUE

IMPROVEMENT / RECOMMENDATION	UNIT	COST	QUANTITY	TOTAL
High Visibility Ladder Crosswalk	Each	\$2,050	4	\$8,200
ADA Curb Ramps	Each	\$6,089	13	\$79,162
Concrete Sidewalk (1 side of street)	Per Linear Foot	\$74	4198	\$310,904
Driveway	Each	\$3,000	9	\$27,000
Transit Stop Improvements	Each	\$40,000	1	\$40,000
Remove Sign and Post	Each	\$100	3	\$300
Pedestrian Push Button Post	Each	\$750	0	\$0
APS Pedestrian Push Button	Each	\$800	0	\$0
Subtotal				\$465,566
Design (Subtotal * 15%)				\$69,835
Environmental (Subtotal * 8%)				\$37,245
Construction Management (Subtotal + D + E) * 10%				\$57,265
Mobilization (Subtotal + D + E) * 8%				\$45,812
Traffic Control (Subtotal + D + E) * 5%				\$28,632
Contingency (Subtotal + D + E + CM + M + TC) * 15%				\$105,653
<b>TOTAL -</b>				<b>\$810,009</b>

## YUCCA VALLEY TOWN HALL & COUNTY LIBRARY

IMPROVEMENT / RECOMMENDATION	UNIT	COST	QUANTITY	TOTAL
<b>Bike Route with Sharrows &amp; Signs (2 sides)</b>	<b>Per Linear Foot</b>	<b>\$4</b>	<b>970</b>	<b>\$3,880</b>
<b>ADA Curb Ramps</b>	<b>Each</b>	<b>\$6,089</b>	<b>2</b>	<b>\$12,179</b>
<b>Concrete Sidewalk (1 side of street)</b>	<b>Per Linear Foot</b>	<b>\$74</b>	<b>3692</b>	<b>\$273,430</b>
<b>Driveway</b>	<b>Each</b>	<b>\$3,000</b>	<b>22</b>	<b>\$66,000</b>
<b>Truncated Dome</b>	<b>Each</b>	<b>\$900</b>	<b>6</b>	<b>\$5,400</b>
Subtotal				\$360,888
Design (Subtotal * 15%)				\$54,133
Environmental (Subtotal * 8%)				\$28,871
Construction Management (Subtotal + D + E) * 10%				\$44,389
Mobilization (Subtotal + D + E) * 8%				\$35,511
Traffic Control (Subtotal + D + E) * 5%				\$22,195
Contingency (Subtotal + D + E + CM + M + TC) * 15%				\$81,898
<b>TOTAL =</b>				<b>\$627,886</b>