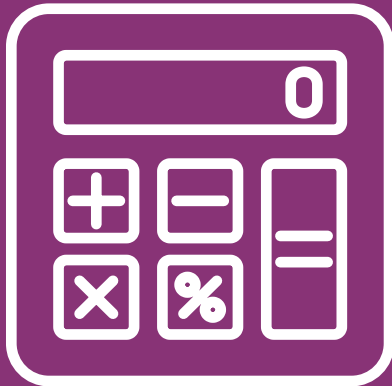
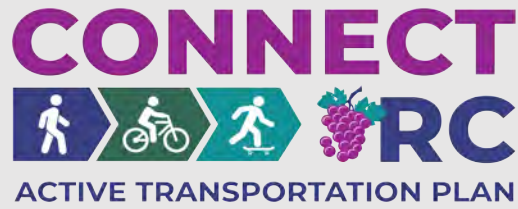


APPENDIX B

Cost Estimate Detail





SUMMARY OF PROJECT COST ESTIMATE

			<u>Current Year Cost</u>
TOTAL CONSTRUCTION COST			
Alta Loma		\$	2,898,000
Cucamonga/Red Hill		\$	2,809,000
Etiwanda		\$	4,283,000
Central North/Eastside		\$	3,641,000
Central South/Southeast		\$	3,159,220
SUB-TOTAL CONSTRUCTION COSTS:		\$	16,790,220
 CONSTRUCTION ALLOWANCES:			
Mobilization	10%	\$	1,679,100
Traffic Control	5%	\$	839,600
SWPPP	5%	\$	839,600
Utilities	15%	\$	2,518,600
Drainage	20%	\$	3,358,100
SUB-TOTAL CONSTRUCTION ALLOWANCES:		\$	9,235,000
TOTAL CAPITAL OUTLAY COSTS		\$	26,025,220
 PROGRAM/PROJECT SOFT COSTS:			
Preliminary Engineering	10%	\$	1,679,100
Environmental Clearance	10%	\$	1,679,100
Final Design/PS&E	15%	\$	2,518,600
Construction Management	15%	\$	2,518,600
Market Change Contingency	25%	\$	4,197,600
TOTAL PROGRAM/PROJECT SOFT COSTS		\$	5,876,700
TOTAL PROJECT COST		\$	31,901,920

Notes:

1. See detailed planning areas breakdowns for further details and notes

Connect RC - Alta Loma

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
01) Jasper Street Pedestrian Improvements					
JASPER STREET/HILLSIDE ROAD AND JASPER STREET/ORCHARD STREET					
1	MARKED HIGH VISIBILITY CROSSWALKS - HILLSIDE RD/JASPER ST 2 LEGS	SQFT	1120.00	\$10	\$11,200
2	CURB RAMP	EA	3.00	\$15,000	\$45,000
3	EXTEND SIDEWALK: CURB EXTENSIONS	SQFT	510.00	\$30	\$15,300
4	MARKED HIGH VISIBILITY CROSSWALKS - ORCHARD ST/JASPER ST 3 LEGS	SQFT	1050.00	\$10	\$10,500
5	CURB RAMP	EA	3.00	\$15,000	\$45,000
6	EXTEND SIDEWALK: CURB EXTENSIONS	SQFT	510.00	\$30	\$15,300
TOTAL =					\$143,000
02) Hermosa Avenue Buffered Bike Lane					
BANYAN STREET TO LEMON AVENUE AND HIGHLAND AVENUE TO BASE LINE ROAD					
1	CLASS II BUFFERED BIKE LANE - BANYAN STREET TO LEMON AVENUE	MI	0.20	\$150,000	\$30,000
2	CLASS II BUFFERED BIKE LANE - HIGHLAND AVENUE TO BASE LINE ROAD	MI	1.00	\$150,000	\$150,000
3	PEDESTRIAN/BIKE WAYFINDING SIGNAGE	EA	5	\$1,000	\$5,000
TOTAL =					\$185,000
03) Wilson Avenue Ped/Bike Gap Closures					
700' WEST OF BUCKTHORN AVE. TO DEER CREEK CHANNEL					
1	CLASS II BUFFERED BIKE LANE - 700' W. OF BUCKTHORN AVE TO MILLIKEN AVE	MI	2.95	\$150,000	\$442,500
2	NEW SIDEWALK - MAYBERRY AVE TO MILLIKEN AVE	SQFT	63500.00	\$30	\$1,905,000
3	PAINTED CURB NO PARKING HERMOSA AVE TO WINCHESTER COURT	LFT	775.00	\$10	\$7,750
4	MARKED HIGH VISIBILITY CROSSWALKS - WILSON/MAYBERRY 1 LEG	SQFT	675.00	\$10	\$6,750
5	RECTANGULAR RAPID FLASHING BEACON: WILSON/MAYBERRY	EA	1.00	\$50,000	\$50,000
6	CURB RAMP	EA	2.00	\$15,000	\$30,000
TOTAL =					\$443,000
04) Lemon Avenue Buffered Bike Lane & Widened Sidewalks					
CARNELIAN STREET TO HAVEN AVE					
1	CLASS II BUFFERED BIKE LANE - CARNELIAN STREET TO HAVEN AVE	MI	1.20	\$150,000	\$180,000
2	WIDEN SIDEWALK: OPAL ST TO BERYL ST	SQFT	4740.00	\$30	\$142,200
3	MARKED HIGH VISIBILITY CROSSWALKS - LEMON/CARNELIAN 4 LEGS	SQFT	2950.00	\$10	\$29,500
4	YIELD LINES: LEMON/CARNELIAN	SQFT	190.00	\$10	\$1,900
5	RECTANGULAR RAPID FLASHING BEACON: LEMON/VINEYARD	EA	1.00	\$50,000	\$50,000
6	CURB RAMP: LEMON/VINEYARD	EA	2.00	\$15,000	\$30,000
7	YIELD LINES: LEMON/VINEYARD	SQFT	70.00	\$10	\$700
8	RECTANGULAR RAPID FLASHING BEACON: LEMON/BUCKTHORN	EA	1.00	\$50,000	\$50,000
9	CURB RAMP: LEMON/BUCKTHORN	EA	2.00	\$15,000	\$30,000
10	YIELD LINES: LEMON/BUCKTHORN	SQFT	70.00	\$10	\$700
11	EXTEND SIDEWALK: CURB EXTENSIONS LEMON/BUCKTHORN	SQFT	340.00	\$30	\$10,200
12	PEDESTRIAN/BIKE WAYFINDING SIGNAGE	EA	3	\$1,000	\$3,000
13	MARKED HIGH VISIBILITY CROSSWALKS - LEMON/BERYL 2 LEGS	SQFT	1475.00	\$10	\$14,750
14	CURB RAMP: LEMON/BERYL	EA	4.00	\$15,000	\$60,000
15	EXTEND SIDEWALK: CURB EXTENSIONS LEMON/BERYL	SQFT	680.00	\$30	\$20,400
16	YIELD LINES: LEMON/BERYL	SQFT	190.00	\$10	\$1,900
17	MARKED HIGH VISIBILITY CROSSWALKS - LEMON/HERMOSA 4 LEGS	SQFT	2950.00	\$10	\$29,500
18	CURB RAMP: LEMON/HERMOSA	EA	4.00	\$15,000	\$60,000
19	EXTEND SIDEWALK: CURB EXTENSIONS LEMON/HERMOSA	SQFT	680.00	\$30	\$20,400
20	RECTANGULAR RAPID FLASHING BEACON: LEMON/MAYBERRY	EA	1.00	\$50,000	\$50,000
21	EXTEND SIDEWALK: CURB EXTENSIONS LEMON/MAYBERRY	SQFT	680.00	\$30	\$20,400
22	YIELD LINES: LEMON/MAYBERRY	SQFT	190.00	\$10	\$1,900
23	MARKED HIGH VISIBILITY CROSSWALKS - LEMON/MAYBERRY 2 LEGS	SQFT	1475.00	\$10	\$14,750
24	CURB RAMP: LEMON/MAYBERRY	EA	2.00	\$15,000	\$30,000
25	IMPROVE SIGHT LINE ON SOUTHERN LEG LEMON/MAYBERRY	LS	1	\$100,000	\$100,000
TOTAL =					\$953,000
5) 19th Street Buffered Bike Lane and Jasper Street Ped Enhancements					
CUCAMONGA CREEK TRAIL TO SAN BENITO AVE					
1	CLASS II BUFFERED BIKE LANE - CUCAMONGA CREEK TRAIL TO SAN BENITO AVE	MI	1.34	\$150,000	\$201,000
2	MARKED HIGH VISIBILITY CROSSWALKS - 19TH AND JASPER 3 LEGS	SQFT	1375.00	\$10	\$13,750

Connect RC - Alta Loma

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
3	EXTEND SIDEWALK: CURB EXTENSIONS JASPER/HAMILTON	SQFT	510.00	\$30	\$15,300
4	CURB RAMP: JASPER/18th	EA	3.00	\$15,000	\$45,000
5	YIELD LINES: JASPER/HAMILTON	SQFT	70.00	\$10	\$700
6	EXTEND SIDEWALK: CURB EXTENSIONS JASPER/18th	SQFT	510.00	\$30	\$15,300
7	CURB RAMP: JASPER/18th	EA	3.00	\$15,000	\$45,000
8	YIELD LINES: JASPER/18th	SQFT	70.00	\$10	\$700
9	EXTEND SIDEWALK: CURB EXTENSIONS HAMILTON/CARTILLA	SQFT	340.00	\$30	\$10,200
10	CURB RAMP: HAMILTON/CARTILLA	EA	2.00	\$15,000	\$30,000
11	MARKED HIGH VISIBILITY CROSSWALKS - HAMILTON/CARTILLA 2 LEGS	SQFT	800.00	\$10	\$8,000
TOTAL =					\$385,000
6) Demens Creek Trail Crossing Enhancements					
DEMENS CREEK TRAIL					
1	AT GRADE CROSSING: SAPPHIRE/BANYON - MARKED CROSSWALK 2 LEGS	SQFT	1150.00	\$10	\$11,500
2	AT GRADE CROSSING: SAPPHIRE/BANYON -CURB RAMPS	EA	3.00	\$15,000	\$45,000
3	AT GRADE CROSSING: SAPPHIRE/BANYON - EXTEND SIDEWALK CURB EXTENTIONS	SQFT	510.00	\$30	\$15,300
4	AT GRADE CROSSING: CARNELIAN/ WILSON MARKED CROSSWALK 3 LEGS	SQFT	2050.00	\$10	\$20,500
5	AT GRADE CROSSING: CARNELIAN/ WILSON CURB RAMPS	EA	2.00	\$15,000	\$30,000
6	AT GRADE CROSSING: CARNELIAN/ WILSON - EXTEND SIDEWALK CURB EXTENTIONS	SQFT	340.00	\$30	\$10,200
7	AT GRADE CROSSING: CARNELIAN/ WILSON - EXTEND SIDEWALK	SQFT	1300.00	\$30	\$39,000
8	AT GRADE CROSSING: HILLSIDE/BERYL - MARKED CROSSWALK 2 LEGS	SQFT	1150.00	\$10	\$11,500
9	AT GRADE CROSSING: HILLSIDE/BERYL - CURB RAMPS	EA	3.00	\$15,000	\$45,000
10	AT GRADE CROSSING: HILLSIDE/BERYL - EXTEND SIDEWALK CURB EXTENTIONS	SQFT	510.00	\$30	\$15,300
11	AT GRADE CROSSING: HILLSIDE/BERYL - EXTEND SIDEWALK	SQFT	1800.00	\$30	\$54,000
TOTAL =					\$298,000
07) Cucamonga Creek Trail Resurfacing & Crossing Enhancements					
DEMENS CREEK TRAIL TO BASE LINE ROAD					
1	TRAIL RESURFACING: DEMENS CREEK TRAIL TO BASE LINE ROAD	LFT	6864.00	\$70	\$480,480
2	PEDESTRIAN/BIKE WAYFINDING SIGNAGE	EA	4	\$1,000	\$4,000
3	MARKED HIGH VISIBILITY CROSSWALKS - CUCAMONGA CREEK TRAIL AND RED HILL COUNTRY CLUB	SQFT	625.00	\$10	\$6,250
TOTAL =					\$491,000
GRAND TOTAL					\$2,898,000

Notes:

1. The cost estimates exclude the following items:
 - a. Roadway pavement rehab or slurry seal
 - b. Americans with Disabilities Act (ADA) improvements other than shown hereon
 - c. Right-of-Way (ROW) acquisition or Temporary Construction Easements (TCEs)
 - d. Project/Program Soft Costs for administration, preliminary engineering, environmental clearance, PS&E and construction management
 - e. General project costs such as Mobilization, Traffic Control, SWPPP, etc
2. At time of programming or preparation of funding applications, unit costs may require adjustment due to escalation and market volatility.

Connect RC - Cucamonga/Red Hill

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
01) Valle Vista Drive Pedestrian Improvements					
<i>VALLE VISTA DR./SCHOOL DRIVEWAY AND VALLE VISTA DR./CALLE FELIZ STREET; ALTA CUESTA DR./ CALLE FELIZ STREET</i>					
1	MARKED HIGH VISIBILITY CROSSWALKS - VALLE VISTA DR./SCHOOL DRIVEWAY 2 LEGS	SQFT	700	\$10	\$7,000
2	YIELD LINES	SQFT	70	\$10	\$700
3	CURB RAMP	EA	2	\$15,000	\$30,000
4	EXTEND SIDEWALK: CURB EXTENSIONS	SQFT	340	\$30	\$10,200
5	MARKED HIGH VISIBILITY CROSSWALKS - VALLE VISTA DR./CALLE FELIZ ST. 1 LEG	SQFT	350	\$10	\$3,500
6	YIELD LINES	SQFT	35	\$10	\$350
7	CURB RAMP	EA	1	\$15,000	\$15,000
8	EXTEND SIDEWALK: CURB EXTENSIONS	SQFT	170	\$30	\$5,100
TOTAL =					\$72,000
02) Red Hill Country Club Drive and Cucamonga Creek Trail Enhancements					
<i>CUCAMONGA CREEK TRAIL TO RED HILL COUNTRY CLUB DR. AND CUCAMONGA CREEK TRAIL/ CARNELIAN STREET</i>					
1	WIDEN SIDEWALK: SOUTH SIDE RED HILL COUNTRY CLUB DR.	SQFT	369	\$30	\$11,070
2	TRAIL RESURFACING: CUCAMONGA CREEK TRAIL TO RED HILL COUNTRY CLUB DR.	LFT	1497	\$70	\$104,790
3	PEDESTRIAN/BIKE WAYFINDING SIGNAGE	EA	3	\$1,000	\$3,000
4	CURB RAMP	EA	2	\$15,000	\$30,000
TOTAL =					\$149,000
03) Hellman Avenue Buffered Bike Lanes and Ped Enhancements					
<i>PACIFIC ELECTRIC TRAIL TO CUCAMONGA CREEK TRAIL</i>					
1	CLASS III BIKE ROUTE - PACIFIC ELECTRIC TRAIL TO FOOTHILL BLVD.	MI	0.9	\$50,000	\$45,000
2	CLASS II BUFFERED BIKE LANE - FOOTHILL BLVD. TO CUCAMONGA CREEK TRAIL	MI	1.6	\$150,000	\$240,000
3	PEDESTRIAN/BIKE WAYFINDING SIGNAGE	EA	8	\$1,000	\$8,000
4	RECTANGULAR RAPID FLASHING BEACON: HELLMAN/PALO ALTO	EA	1	\$50,000	\$50,000
5	EXTEND SIDEWALK: CURB EXTENSIONS	SQFT	700	\$30	\$21,000
6	RECTANGULAR RAPID FLASHING BEACON: CUCAMONGA CREEK TRAIL/HELLMAN	EA	1	\$50,000	\$50,000
7	CURB RAMP	EA	1	\$15,000	\$15,000
8	MARKED HIGH-VISIBILITY CROSSWALK - CUCAMONGA CREEK TRAIL/HELLMAN	SQFT	1150	\$10	\$11,500
TOTAL =					\$441,000
04) Archibald Avenue Buffered Bike Lanes and Ped Enhancements					
<i>BASE LINE RD TO FOOTHILL BLVD AND ARROW HWY TO 7TH STREET; E 9TH STREET</i>					
1	CLASS II BUFFERED BIKE LANE - BASE LINE RD TO FOOTHILL BLVD	MI	1.0	\$150,000	\$154,801
2	MARKED HIGH VISIBILITY CROSSWALKS - ARCHIBALD/E 9TH ST 3 LEGS	SQFT	2260	\$10	\$22,600
3	CURB RAMP: ARCHIBALD/E 9TH	EA	2	\$15,000	\$30,000
4	RAISED MEDIANS - CUCAMONGA ELEMENTARY FRONTAGE	LFT	645	\$20	\$12,900
5	CLASS II BUFFERED BIKE LANE - ARROW HWY TO 7TH STREET	MI	0.5	\$150,000	\$79,489
TOTAL =					\$300,000
05) San Bernardino Road Striped Shoulders					
<i>VINEYARD AVE TO ARCHIBALD AVE</i>					
1	STRIPE SHOULDERS	LFT	5280	\$10	\$52,800
TOTAL =					\$53,000
06) Church Street Buffered Bike Lanes and Striped Shoulders					
<i>PEPPER STREET TO HAVEN AVE</i>					
1	CLASS II BUFFERED BIKE LANE - PEPPER STREET TO RAMONA AVE	MI	1.1	\$150,000	\$165,000
2	PEDESTRIAN/BIKE WAYFINDING SIGNAGE	EA	6	\$1,000	\$6,000
3	STRIPE SHOULDERS - RAMONA AVE TO HAVEN AVE	LFT	3960	\$10	\$39,600
TOTAL =					\$211,000

Connect RC - Cucamonga/Red Hill

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
07) Baker Avenue Ped Enhancements					
<i>ARROW ROUTE TO 8TH STREET; BAKER AVE AND SALINA STREET; BAKER AVE AND 9TH STREET</i>					
1	STRIPE SHOULDERS	LFT	5260	\$10	\$52,600
2	EXTEND SIDEWALK: CURB EXTENSIONS BAKER AVE/SALINA STREET	SQFT	510	\$30	\$15,300
3	YIELD LINES: BAKER AVE/9TH STREET	SQFT	280	\$10	\$2,800
4	EXTEND SIDEWALK: CURB EXTENSIONS BAKER AVE/9TH STREET	SQFT	510	\$30	\$15,300
5	YIELD LINES: BAKER AVE/SALINA STREET	SQFT	280	\$10	\$2,800
TOTAL =					\$89,000
08) Grove Avenue Buffered Bike Lanes					
<i>ARROW ROUTE TO 8TH STREET</i>					
1	CLASS II BUFFERED BIKE LANE - ARROW RTE TO 8TH ST	MI	0.5	\$150,000	\$75,000
2	PEDESTRIAN/BIKE WAYFINDING SIGNAGE	EA	4	\$1,000	\$4,000
3	RESTRIPE TRAVEL LANES	LFT	2640	\$10	\$26,400
TOTAL =					\$106,000
09) Bear Gulch Road Curb Extensions					
<i>BEAR GULCH ROAD</i>					
1	EXTEND SIDEWALK: CURB EXTENSIONS BEAR GULCH ROAD	SQFT	510	\$30	\$15,300
TOTAL =					\$16,000
10) Palo Alto Street Ped Enhancements					
<i>PALO ALTO ST/ MARINE AVE; PALO ALTO ST/CENTER AVE; PALO ALTO ST/HERMOSA AVE</i>					
1	MARKED HIGH VISIBILITY CROSSWALKS - PALO ALTO STREET/ MARINE AVE 2 LEGS	SQFT	1000	\$10	\$10,000
2	EXTEND SIDEWALK: CURB EXTENSIONS	SQFT	400	\$30	\$12,000
3	MARKED HIGH VISIBILITY CROSSWALKS - PALO ALTO STREET/CENTER AVE 2 LEGS	SQFT	800	\$10	\$8,000
4	EXTEND SIDEWALK: CURB EXTENSIONS	SQFT	720	\$30	\$21,600
5	MARKED HIGH VISIBILITY CROSSWALKS - PALO ALTO STREET/HERMOSA AVE 2 LEGS	SQFT	700	\$10	\$7,000
6	RECTANGULAR RAPID FLASHING BEACON: PALO ALTO STREET/HERMOSA AVE	EA	1	\$50,000	\$50,000
7	MEDIAN REFUGE	EA	1	\$15,000	\$15,000
8	EXTEND SIDEWALK: CURB EXTENSIONS	SQFT	420	\$30	\$12,600
TOTAL =					\$137,000
11) Hermosa Avenue Buffered Bike Lane and New Sidewalks					
<i>BASE LINE ROAD TO FOOTHILL BLVD</i>					
1	CLASS II BUFFERED BIKE LANE - BASE LINE ROAD TO 4TH STREET	MI	1.00	\$150,000	\$150,000
2	NEW SIDEWALK - 300' SOUTH OF 8TH ST	SQFT	1440	\$30	\$43,200
3	NEW SIDEWALK - NORWICK ST TO HEMLOCK ST	SQFT	2520	\$30	\$75,600
4	RESTRIPE TRAVEL LANES	LFT	5280	\$10	\$52,800
TOTAL =					\$322,000
12) Ramona Avenue Striped Shoulders					
<i>BASE LINE RD TO FOOTHILL BLVD</i>					
1	STRIPE SHOULDERS	LFT	5440	\$10	\$54,400
TOTAL =					\$55,000

Connect RC - Cucamonga/Red Hill

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
13) 9th Street Buffered Bike Lane and New Sidewalks					
<i>BAKER AVE TO ARCHBALD AVE; CUCAMONGA TRAIL TO VINEYARD AVE</i>					
1	CLASS II BUFFERED BIKE LANE - BAKER AVE TO ARCHBALD AVEE	MI	1.5	\$150,000	\$226,500
2	PEDESTRIAN/BIKE WAYFINDING SIGNAGE	EA	6	\$1,000	\$6,000
3	NEW SIDEWALK - BAKER AVE TO ARCHBALD AVEE	SQFT	17130	\$30	\$513,900
4	WIDEN SIDEWALK: VINEYARD AVE	SQFT	690	\$30	\$20,700
5	MARKED HIGH VISIBILITY CROSSWALKS - 9TH ST/GROVE AVE AVE 6 LEGS	SQFT	760	\$10	\$7,600
TOTAL =					\$775,000
14) Feron Boulevard Ped Enhancements					
<i>ARCHIBALD AVE TO HERMOSA AVE</i>					
1	EXTEND SIDEWALK: CURB EXTENSIONS	SQFT	1000	\$30	\$30,000
2	MEDIAN REFUGE	EA	1	\$15,000	\$15,000
3	CENTER LINE HARDENING	EA	2	\$5,000	\$10,000
4	EXTEND SIDEWALK: CURB EXTENSIONS	SQFT	920	\$30	\$27,600
TOTAL =					\$83,000
GRAND TOTAL					\$2,809,000

Notes:

1. The cost estimates exclude the following items:
 - a. Roadway pavement rehab or slurry seal
 - b. Americans with Disabilities Act (ADA) improvements other than shown hereon
 - c. Right-of-Way (ROW) acquisition or Temporary Construction Easements (TCEs)
 - d. Project/Program Soft Costs for administration, preliminary engineering, environmental clearance, PS&E and construction management
 - e. General project costs such as Mobilization, Traffic Control, SWPPP, etc
2. At time of programming or preparation of funding applications, unit costs may require adjustment due to escalation and market volatility.

Connect RC - Etiwanda

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
01) Banyan Street Ped Enhancements and Buffered Lanes					
DEER CREEK CHANNEL TO WARDMAN BULLOCK RD					
1	CLASS II BUFFERED BIKE LANE - DEER CREEK CHANNEL TO WARDMAN BULLOCK RD	MI	3.7	\$150,000	\$556,500
2	MARKED HIGH VISIBILITY CROSSWALKS - BANYAN ST/MILLIKEN AVE	SQFT	350	\$10	\$3,500
3	MEDIAN REFUGE - BANYAN ST/MILLIKEN AVE	EA	1	\$15,000	\$15,000
4	CURB RAMP TACTILE BUMPS - BANYAN ST/MILLIKEN AVE	SQFT	180	\$20	\$3,600
5	PEDESTRIAN HYBRID BEACON (PHB): BANYAN ST/BUTLER PEAK PI	EA	1	\$150,000	\$150,000
6	CURB RAMP TACTILE BUMPS: BANYAN ST/BUTLER PEAK PI	SQFT	180	\$20	\$3,600
7	CURB RAMP: BANYAN ST/BUTLER PEAK PI	EA	2	\$15,000	\$30,000
8	MARKED HIGH VISIBILITY CROSSWALKS - TERRACE VIEW LOOP/BUTLER PEAK PI	SQFT	350	\$10	\$3,500
9	ADV STOP LINES: TERRACE VIEW LOOP/BUTLER PEAK PI	SQFT	280	\$10	\$2,800
10	CURB RAMP TACTILE BUMPS: TERRACE VIEW LOOP/BUTLER PEAK PI	SQFT	150	\$20	\$3,000
11	EXTEND SIDEWALK: CURB EXTENSIONS	SQFT	170	\$30	\$5,100
12	MARKED HIGH VISIBILITY CROSSWALKS - BANYAN ST/ROCHESTER AVE	SQFT	350	\$10	\$3,500
13	ADV STOP LINES: BANYAN ST/ROCHESTER AVE	SQFT	280	\$10	\$2,800
14	CURB RAMP: BANYAN ST/ROCHESTER AVE	EA	1	\$15,000	\$15,000
15	CURB RAMP TACTILE BUMPS: BANYAN ST/ROCHESTER AVE	SQFT	150	\$20	\$3,000
16	MARKED HIGH VISIBILITY CROSSWALKS - BANYAN ST/DAY CREEK BLVD	SQFT	350	\$10	\$3,500
17	MEDIAN REFUGE - BANYAN ST/DAY CREEK BLVD	EA	1	\$15,000	\$15,000
18	CURB RAMP TACTILE BUMPS: BANYAN ST/DAY CREEK BLVD	SQFT	180	\$20	\$3,600
19	MARKED HIGH VISIBILITY CROSSING - BANYAN ST/BUEGRASS ST	SQFT	350	\$10	\$3,500
20	ADV STOP LINES: BANYAN ST/BUEGRASS ST	SQFT	280	\$10	\$2,800
21	EXTEND SIDEWALK: CURB EXTENSIONS	SQFT	170	\$30	\$5,100
22	CURB RAMP TACTILE BUMPS: BANYAN ST/BUEGRASS ST	SQFT	150	\$20	\$3,000
23	MARKED HIGH VISIBILITY CROSSING - BANYAN ST/ETIWANDA AVE	SQFT	350	\$10	\$3,500
24	CURB RAMP TACTILE BUMPS: BANYAN ST/ETIWANDA AVE	SQFT	180	\$20	\$3,600
25	MARKED HIGH VISIBILITY CROSSING - BANYAN ST/EAST AVE	SQFT	350	\$10	\$3,500
26	CURB RAMP TACTILE BUMPS: BANYAN ST/EAST AVE	SQFT	180	\$20	\$3,600
27	NEW SIDEWALK - EAST AVE TO GOLDBERN LOCK PL	SQFT	9360	\$30	\$280,800
28	NEW SIDEWALK - LOS ALTOS CT TO LAUREL BLOSSOM PL	SQFT	7140	\$30	\$214,200
29	WIDEN SIDEWALK: EAST AVE TO PEAK PL	SQFT	10920	\$30	\$327,600
TOTAL =					\$1,675,000
02) Day Creek Boulevard Buffered Bike Lanes and Ped Enhancements					
ETIWANDA AVE TO SR-210					
1	CLASS II BUFFERED BIKE LANE - SR-210 WB RAMP TO ETIWANDA AVE	MI	2.2	\$150,000	\$324,205
2	RESTRIPE TRAVEL LANES	LFT	11412	\$10	\$114,120
3	CURB RAMP TACTILE BUMPS: DAY CREEK BLVD/ COYOTE DR	SQFT	320	\$20	\$6,400
4	CURB RAMP: DAY CREEK BLVD/ COYOTE DR	EA	2	\$15,000	\$30,000
5	MEDIAN REFUGE - DAY CREEK BLVD/ COYOTE DR	EA	1	\$15,000	\$15,000
5	EXTEND SIDEWALK: CURB EXTENSIONS	SQFT	210	\$30	\$6,300
TOTAL =					\$497,000
03) Vintage Drive New Crosswalk and Ped Enhancements					
MILLIKEN AVE TO THUNDER MOUNTAIN AVE					
1	STRIPE SHOULDERS	LFT	4754	\$10	\$47,540
2	MARKED HIGH VISIBILITY CROSSWALKS - VINTAGE DR/SIERRA CREST VIEW LOOP	SQFT	140	\$10	\$1,400
3	RECTANGULAR RAPID FLASHING BEACON: VINTAGE DR/HILLVIEW LOOP	EA	1	\$50,000	\$50,000
4	ADV STOP LINES: VINTAGE DR/SIERRA CREST VIEW LOOP	SQFT	120	\$10	\$1,200
5	CURB RAMP TACTILE BUMPS: VINTAGE DR/SIERRA CREST VIEW LOOP	SQFT	150	\$20	\$3,000
6	EXTEND SIDEWALK: CURB EXTENSIONS	SQFT	210	\$30	\$6,300
7	MARKED HIGH VISIBILITY CROSSWALKS - SIERRA CREST VIEW LOOP/WAVERLY CT	SQFT	240	\$10	\$2,400
8	RECTANGULAR RAPID FLASHING BEACON: SIERRA CREST VIEW LOOP/WAVERLY CT	EA	1	\$50,000	\$50,000
9	ADV YIELD LINES: SIERRA CREST VIEW LOOP/WAVERLY CT	SQFT	120	\$10	\$1,200
10	CURB RAMP TACTILE BUMPS: SIERRA CREST VIEW LOOP/WAVERLY CT	SQFT	150	\$20	\$3,000
11	EXTEND SIDEWALK: CURB EXTENSIONS	SQFT	210	\$30	\$6,300
TOTAL =					\$173,000

Connect RC - Etiwanda

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
04) Etiwanda Avenue Bike Route and Ped Crossing Enhancements					
SR-210 TO BANYAN STREET AND SADDLERIDGE DR TO VICTORIA STREET					
1	CLASS III BIKE ROUTE - SR-210 TO BANYAN STREET	MI	0.5	\$50,000	\$23,021
2	MARKED HIGH VISIBILITY CROSSING - ETIWANDA AVE/ BASE LINE RD	SQFT	280	\$10	\$2,800
3	CURB RAMP TACTILE BUMPS: ETIWANDA AVE/ BASE LINE RD	SQFT	150	\$20	\$3,000
4	MEDIAN REFUGE- ETIWANDA AVE/ BASE LINE RD	EA	1	\$15,000	\$15,000
5	CURB RAMP TACTILE BUMPS: ETIWANDA AVE/ CRAIG DR	SQFT	150	\$20	\$3,000
6	EXTEND SIDEWALK: CURB EXTENSIONS ETIWANDA AVE/ CRAIG DR	SQFT	210	\$30	\$6,300
7	MARKED HIGH VISIBILITY CROSSINGS - ETIWANDA AVE/ SADDLERIDGE DR	SQFT	640	\$10	\$6,400
8	ADV YIELD LINES: ETIWANDA AVE/ SADDLERIDGE DR	SQFT	170	\$10	\$1,700
9	CURB RAMP TACTILE BUMPS: ETIWANDA AVE/ SADDLERIDGE DR	SQFT	120	\$20	\$2,400
10	EXTEND SIDEWALK: CURB EXTENSIONS ETIWANDA AVE/ SADDLERIDGE DR	SQFT	210	\$30	\$6,300
11	MEDIAN REFUGE - : ETIWANDA AVE/ SADDLERIDGE DR	EA	1	\$15,000	\$15,000
11	EXTEND SIDEWALK: CURB EXTENSIONS ETIWANDA AVE/ VICTORIA ST	SQFT	380	\$30	\$11,400
2	STRIPE SHOULDERS - SADDLERIDGE DR TO VICTORIA STREET	LFT	2170	\$10	\$21,700
TOTAL =					\$119,000
05) Wilson Avenue Buffered Bike Lane and Ped Crossing Enhancements					
DAY CREEK BLVD TO ETIWANDA AVE; WARDMAN BULLOCK RD TO CHERRY AVE; WILSON AVE AND BLUEGRASS AVE					
1	CLASS II BUFFERED BIKE LANE - DAY CREEK BLVD TO ETIWANDA AVE	MI	0.8	\$150,000	\$113,125
2	CLASS II BUFFERED BIKE LANE - WARDMAN BULLOCK RD TO CHERRY AVE	MI	0.9	\$150,000	\$128,750
3	CURB RAMPS - WILSON AVE/BLUEGRASS AVE	EA	2	\$15,000	\$30,000
4	MEDIAN REFUGE- WILSON AVE/BLUEGRASS AVE	EA	1	\$15,000	\$15,000
5	CURB RAMP TACTILE BUMPS: WILSON AVE/BLUEGRASS AVE	SQFT	150	\$20	\$3,000
6	ADV YIELD LINES: WILSON AVE/BLUEGRASS AVE	SQFT	170	\$10	\$1,700
7	PEDESTRIAN HYBRID BEACON: WILSON AVE/BLUEGRASS AVE	EA	1	\$150,000	\$150,000
TOTAL =					\$442,000
06) Victoria Street Ped Enhancements					
EAST AVE AND I-15; ETIWANDA HIGH FRONTAGE					
1	MEDIAN REFUGE- VICTORIA STREET/CABLE CREEK CT	EA	1	\$15,000	\$15,000
2	MEDIAN REFUGE- VICTORIA STREET/SCHOOL DRIVEWAY	EA	1	\$15,000	\$15,000
TOTAL =					\$30,000
07) East Avenue Buffered Bike Lane and New Sidewalks					
BANYAN STREET TO PHYLLY DRIVE					
1	CLASS II BUFFERED BIKE LANE - PHILLY DRIVE TO BANYAN STREET	MI	0.4	\$150,000	\$58,182
2	REPLACE SIDEWALK - HIGHLAND AVE TO VICTORIA STREET	SQFT	8598	\$30	\$257,940
3	RESURFACE SIDEWALK - WILSON AVE TO BANYAN STREET	SQFT	11850	\$20	\$237,000
4	NEW SIDEWALK - ACCESS ROAD	SQFT	780	\$30	\$23,400
TOTAL =					\$577,000
08) Base Line Road Ped and Bike Enhancements					
WANONA PL TO SHELBY PL					
1	STRIPING GREEN EAST/WEST BICYCLE CONFLICT	EA	30	\$5,000	\$150,000
2	MARKED HIGH VISIBILITY CROSSING - BASE LINE RD/EAST AVE (4 LEGS)	SQFT	6098	\$10	\$60,980
TOTAL =					\$211,000
9) Duncaster Place Ped Enhancements					
COYOTE DR AND DUNCASTER PL; STONEVIEW RD AND DUNCASTER PL					
1	MARKED HIGH VISIBILITY CROSSWALKS - COYOTE DR/DUNCASTER PL 2 LEGS	SQFT	1000	\$10	\$10,000
2	CURB RAMPS - COYOTE DR /DUNCASTER PL	EA	2	\$15,000	\$30,000
3	CURB RAMP TACTILE BUMPS: COYOTE DR /DUNCASTER PL	SQFT	150	\$20	\$3,000
4	EXTEND SIDEWALK: CURB EXTENSIONS - COYOTE DR / DUNCASTER PL	SQFT	420	\$30	\$12,600
5	MARKED HIGH VISIBILITY CROSSWALKS - STONEVIEW RD AND DUNCASTER PL 2 LEGS	SQFT	1000	\$10	\$10,000
6	CURB RAMPS - STONEVIEW RD AND DUNCASTER PL	EA	2	\$15,000	\$30,000
7	CURB RAMP TACTILE BUMPS: STONEVIEW RD AND DUNCASTER PL	SQFT	150	\$20	\$3,000
8	EXTEND SIDEWALK: CURB EXTENSIONS	SQFT	420	\$30	\$12,600
TOTAL =					\$112,000

Connect RC - Etiwanda

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
10) Etiwanda Creek Channel Multi-Use Trail					
<i>PACIFIC ELECTRIC TRAIL AND VICTORIA STREET</i>					
1	CLASS I MULTI -USE TRAIL - PACIFIC ELECTRIC TRAIL TO VICTORIA STREET	MI	0.34	\$1,250,000	\$428,267
TOTAL =					\$429,000
11) Summit Intermediate/ Etiwanda Creek Park Connection					
<i>ETIWANDA CREEK PARKING LOT</i>					
1	PED/BIKE ACCESS CONNECTION - ETIWANDA CREEK PARKING LOT	SQFT	600	\$30	\$18,000
SUBTOTAL=					\$18,000
CONTINGENCY (00%) =					\$0
TOTAL =					\$18,000
GRAND TOTAL					\$4,283,000

Notes:

1. The cost estimates exclude the following items:
 - a. Roadway pavement rehab or slurry seal
 - b. Americans with Disabilities Act (ADA) improvements other than shown hereon
 - c. Right-of-Way (ROW) acquisition or Temporary Construction Easements (TCEs)
 - d. Project/Program Soft Costs for administration, preliminary engineering, environmental clearance, PS&E and construction management
 - e. General project costs such as Mobilization, Traffic Control, SWPPP, etc
2. At time of programming or preparation of funding applications, unit costs may require adjustment due to escalation and market volatility.

Connect RC - Central North/Eastside

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
01) Terra Vista Parkway Ped/Bike Enhancements					
TERRA VISTA PKWY/HAMPTON PL					
1	CLASS II BUFFERED BIKE LANE - TERRA VISTA PWKY	MI	1.9	\$150,000	\$280,341
2	PEDESTRIAN/BIKE WAYFINDING SIGNAGE	EA	8	\$1,000	\$8,000
3	PEDESTRIAN HYBRID BEACON: TERRA VISTA PKWY/HAMPTON PL	EA	1	\$150,000	\$150,000
4	WIDEN SIDEWALK: MOUNTAIN VIEW DR TO MOUNTAIN VIEW PARK	SQFT	2985	\$30	\$89,550
5	LANE RESTRIPING - STRIPING TERRA VISTA PWKY	LFT	9870	\$10	\$98,700
TOTAL =					\$627,000
02) Spruce Avenue Ped Enhancements					
SPRUCE AVE AND TERRA VISTA PWKY; SPRUCE AVE AND MOUNTAIN VIEW DR; SPRUCE AVE AND ELM AVE					
1	MARKED HIGH VISIBILITY CROSSWALKS -SPRUCE AVE AND TERRA VISTA PWKYL 2 LEGS	SQFT	600	\$10	\$6,000
2	MEDIAN REFUGE- SPRUCE AVE AND TERRA VISTA PWKY	EA	1	\$15,000	\$15,000
3	CURB RAMP TACTILE BUMPS: SPRUCE AVE AND TERRA VISTA PWKY	SQFT	100	\$20	\$2,000
4	MARKED HIGH VISIBILITY CROSSWALKS - SPRUCE AVE AND MOUNTAIN VIEW DR 2 LEGS	SQFT	600	\$10	\$6,000
5	MEDIAN REFUGE- SPRUCE AVE AND MOUNTAIN VIEW DR	EA	1	\$15,000	\$15,000
6	CURB RAMP TACTILE BUMPS: SPRUCE AVE AND MOUNTAIN VIEW DR	SQFT	100	\$20	\$2,000
7	PEDESTRIAN HYBRID BEACON: SPRUCE AVE AND MOUNTAIN VIEW DR	EA	1	\$150,000	\$150,000
8	MARKED HIGH VISIBILITY CROSSWALKS - SPRUCE AVE AND ELM AVE PL 2 LEGS	SQFT	600	\$10	\$6,000
9	MEDIAN REFUGE- SPRUCE AVE AND ELM AVE	EA	1	\$15,000	\$15,000
10	CURB RAMP TACTILE BUMPS: SPRUCE AVE AND ELM AVE	SQFT	100	\$20	\$2,000
11	LANE REDUCTION - STRIPPING CHURCH STREET TO VASE LINE ROAD	LFT	3605	\$10	\$36,050
TOTAL =					\$256,000
03) Mountain View Drive Buffered Bike Lanes and Ped Enhancements					
MOUNTAIN VIEW DR AND TERRA VISTA PKWY					
1	CLASS II BUFFERED BIKE LANE - SPRUCE AVE TO BASE LINE RD	MI	1.20	\$150,000	\$180,000
2	MARKED HIGH VISIBILITY CROSSWALKS -MOUNTAIN VIEW DR AND TERRA VISTA PKWYL 4 LEGS	SQFT	1200	\$10	\$12,000
3	MEDIAN REFUGE- MOUNTAIN VIEW DR AND TERRA VISTA PKWY	EA	2	\$15,000	\$30,000
4	EXTEND SIDEWALK: CURB EXTENSIONS	SQFT	680	\$30	\$20,400
5	STRIPE SHOULDERS	LFT	4870	\$10	\$48,700
TOTAL =					\$292,000
04) Victoria Park Buffered Bike Lanes and Ped Enhancements					
VICTORIA PARK LN AND KENYON WAY ; VICTORIA PARK LN AND FIRE TRAIL; VICTORIA PARK LN AND WINDROWS LOOP					
1	CLASS II BUFFERED BIKE LANE -MILLIKEN AVE TO CHURCH STREET	MI	2.7	\$150,000	\$408,068
2	PEDESTRIAN/BIKE WAYFINDING SIGNAGE	EA	10	\$1,000	\$10,000
3	MARKED HIGH VISIBILITY CROSSWALKS -VICTORIA PARK LN AND KENYON WAY 2 LEGS	SQFT	570	\$10	\$5,700
4	STOP LINES: VICTORIA PARK LN AND KENYON WAY	SQFT	304	\$10	\$3,040
5	IMPROVE PAVEMENT QUALITY	LS	1	\$20,000	\$20,000
6	EXTEND SIDEWALK: CURB EXTENSIONS	SQFT	340	\$30	\$10,200
7	MARKED HIGH VISIBILITY CROSSWALKS -VICTORIA PARK LN AND WINDROWS LOOP 2 LEGS	SQFT	570	\$10	\$5,700
8	STOP LINES: VICTORIA PARK LN AND WINDROWS LOOP	SQFT	280	\$10	\$2,800
9	IMPROVE PAVEMENT QUALITY	LS	1	\$20,000	\$20,000
10	EXTEND SIDEWALK: CURB EXTENSIONS	SQFT	340	\$30	\$10,200
TOTAL =					\$496,000
05) Emerson Street/ Sherbrooke Place Intersection Ped Enhancements					
EMERSON STREET/ SHERBROOKE PLACE					
1	MARKED HIGH VISIBILITY CROSSWALKS -EMERSON STREET/ SHERBROOKE PLACE 3 LEGS	SQFT	910	\$10	\$9,100
2	EXTEND SIDEWALK: CURB EXTENSIONS	SQFT	340	\$30	\$10,200
TOTAL =					\$20,000
06) Fairmont Way Buffered Bike Lanes and New Crosswalks					
KENYON WAY TO VICTORIA PARK LN; FAIRMONT WAY/YORK PL					
1	CLASS II BUFFERED BIKE LANE - KENYON WAY TO VICTORIA PARK LN	MI	0.3	\$150,000	\$46,648
2	PEDESTRIAN/BIKE WAYFINDING SIGNAGE	EA	3	\$1,000	\$3,000
3	MARKED HIGH VISIBILITY CROSSWALKS -FAIRMONT WAY/YORK PL 3 LEGS	SQFT	600	\$10	\$6,000
4	MEDIAN REFUGE - FAIRMONT WAY/YORK PL	EA	2	\$15,000	\$30,000
5	EXTEND SIDEWALK: CURB EXTENSIONS	SQFT	680	\$30	\$20,400
6	CURB RAMP	EA	2	\$15,000	\$30,000
TOTAL =					\$137,000

Connect RC - Central North/Eastside

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
07) Highland Avenue and Kenyon Way Buffered Bike Lanes and Ped Enhancements					
<i>KENYON WY. AND HIGHLAND AVE; WOODRUFF PL TO DEER CREEK CHANNEL</i>					
1	CLASS II BUFFERED BIKE LANE - KENYON WY. AND HIGHLAND AVE	MI	0.8	\$150,000	\$120,028
2	CLASS III BUFFERED BIKE LANE - WOODRUFF PL	MI	0.3	\$50,000	\$15,625
TOTAL =					\$136,000
08) Base Line Road Buffered Bike Lane and Deer Creek Trail Crossing					
<i>BASE LINE RD/DEER CREEK CHANNEL</i>					
1	CLASS II BUFFERED BIKE LANE - HAVEN AVE TO ETIWANDA AVE	MI	3.0	\$150,000	\$450,000
2	PEDESTRIAN/BIKE WAYFINDING SIGNAGE	EA	8	\$1,000	\$8,000
3	PEDESTRIAN HYBRID BEACON - BASE LINE RD AND DEER CREEK CHANNEL	EA	1	\$150,000	\$150,000
4	PEDESTRIAN REFUGE ISLAND - BASE LINE RD AND DEER CREEK CHANNEL	EA	1	\$15,000	\$15,000
5	AT GRADE CROSSING: BASE LINE RD/DEER CREEK CHANNEL - MARKED CROSSWALK 2 LEGS	SQFT	1150	\$10	\$11,500
TOTAL =					\$635,000
09) Elm Avenue Crossing Enhancements and Sidewalk at Coyote Canyon Elementary					
<i>SPRUCE AVE TO CHURCH STREET</i>					
1	MARKED HIGH VISIBILITY CROSSWALK - ELM AVE AND COYOTE CANYON ELEMENTARY DRIVEWAY	SQFT	460.0	\$10	\$4,600
2	CURB RAMP TACTILE BUMPS: ELM AVE AND COYOTE CANYON ELEMENTARY DRIVEWAY	SQFT	100.0	\$20	\$2,000
3	PEDESTRIAN/BIKE WAYFINDING SIGNAGE	EA	3	\$1,000	\$3,000
4	NEW SIDEWALK - ELM AVE	SQFT	360	\$30	\$10,800
TOTAL =					\$21,000
10) Chuch Street Buffered Bike Lanes					
<i>MAGALA DRIVE TO VICTORIA PARK LN</i>					
1	CLASS II BUFFERED BIKE LANE - MAYTEN AVE TO I-15	MI	1.8	\$150,000	\$270,000
2	PEDESTRIAN/BIKE WAYFINDING SIGNAGE	EA	6	\$1,000	\$6,000
3	RESTRIPE TRAVEL LANES	LFT	9504	\$10	\$95,040
TOTAL =					\$372,000
11) Day Creek Boulevard Buffered Bike Lanes					
<i>HIGHLAND AVE TO FOOTHILL BLVD</i>					
1	CLASS II BUFFERED BIKE LANE - HIGHLAND AVE TO FOOTHILL BLVD	MI	1.9	\$150,000	\$292,045
2	PEDESTRIAN/BIKE WAYFINDING SIGNAGE	EA	6	\$1,000	\$6,000
TOTAL =					\$299,000
12) Victoria Windrows Loop Ped Enhancements					
<i>VICTORIA WINDROWS LOOP</i>					
1	MARKED HIGH VISIBILITY CROSSWALKS -VICTORIA WINDROWS/LOCUST AVE 2 LEGS	SQFT	600	\$10	\$6,000
2	MARKED HIGH VISIBILITY CROSSWALKS - VICTORIA WINDROWS/TWINSBUR PL 2 LEGS	SQFT	780	\$10	\$7,800
3	MARKED HIGH VISIBILITY CROSSWALKS -VICTORIA WINDROWS/ROCKROSE AVE 2 LEGS	SQFT	786	\$10	\$7,860
4	CROSSWALKS -VICTORIA WINDROWS/BOUGAINVILLE WAY 2 LEGS	SQFT	580	\$7	\$4,060
5	RESTRIPE TRAVEL LANES	LFT	620	\$10	\$6,200
TOTAL =					\$32,000
13) Lark Drive New Crosswalks					
<i>LARK DR/ROCHESTER AVE ; LARK DR/MATERA PL</i>					
1	MARKED HIGH VISIBILITY CROSSWALKS -LARK DR/ROCHESTER AVE LN 2 LEGS	SQFT	800	\$10	\$8,000
2	CROSSWALKS -LARK DR/MATERA PL 2 LEGS	SQFT	580	\$7	\$4,060
3	EXTEND SIDEWALK: CURB EXTENSIONS	SQFT	680	\$30	\$20,400
TOTAL =					\$33,000
14) Miller Avenue Buffered Bike Lanes and Ped Enhancements					
<i>MILLER AVE AND DOLCETTO PL</i>					
1	CLASS II BUFFERED BIKE LANE - I-15 to East Ave	MI	0.5	\$150,000	\$75,710
2	PEDESTRIAN/BIKE WAYFINDING SIGNAGE	EA	3	\$1,000	\$3,000
3	PEDESTRIAN HYBRID BEACON: MILLER AVE AND DOLCETTO PL	EA	1	\$50,000	\$50,000
4	ADV YIELD LINES: MILLER AVE AND DOLCETTO PL	SQFT	432	\$10	\$4,320
5	MARKED HIGH-VISIBILITY CROSSWALKS - MILLER AVE AND ETIWANDA AVE - 2 LEGS	SQFT	3294	\$10	\$32,940
6	CURB RAMP TACTILE BUMPS - MILLER AVE AND DOLCETTO PL - 4 CORNERS	SQFT	180	\$20	\$3,600
7	LANE REDUCTION - MILLER AVE	LFT	2265	\$10	\$22,650
TOTAL =					\$193,000

Connect RC - Central North/Eastside

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
15) Dolcetto Place and Garcia Drive Buffered Bike Lanes					
<i>MADRONE AVE/ ARROW RT; SANDALWOOD CT TO 9TH</i>					
1	CLASS II BUFFERED BIKE LANE ON GARCIA DR - ETIWANDA AVE TO DOLCETTO PL	MI	0.4	\$150,000	\$55,824
2	CLASS II BUFFERED BIKE LANE ON DOLCETTO PL - MILLER AVE TO GARCIA DR	MI	0.2	\$150,000	\$32,528
3	PEDESTRIAN/BIKE WAYFINDING SIGNAGE	EA	3	\$1,000	\$3,000
TOTAL =					\$92,000
GRAND TOTAL					\$3,641,000

Notes:

1. The cost estimates exclude the following items:
 - a. Roadway pavement rehab or slurry seal
 - b. Americans with Disabilities Act (ADA) improvements other than shown hereon
 - c. Right-of-Way (ROW) acquisition or Temporary Construction Easements (TCEs)
 - d. Project/Program Soft Costs for administration, preliminary engineering, environmental clearance, PS&E and construction management
 - e. General project costs such as Mobilization, Traffic Control, SWPPP, etc
2. At time of programming or preparation of funding applications, unit costs may require adjustment due to escalation and market volatility.

Connect RC - Central South/Southeast

ITEM No.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
01) Civic Center Drive Buffered Bike Lanes					
HAVEN AVENUE TO RED OAK STREET					
1	CLASS II BUFFERED BIKE LANE - HAVEN AVE TO READ OAK ST	MI	0.43	\$150,000	\$64,489
2	PEDESTRIAN/BIKE WAYFINDING SIGNAGE	EA	2	\$1,000	\$2,000
3	RESTRIPE TRAVEL LANES	LF	2270.00	\$10	\$22,700
TOTAL =					\$90,000
02) Spruce Avenue and Red Oak Street Ped/Bike Enhancements					
FOOTHILL BOULEVARD TO JERSEY BOULEVARD					
1	CLASS IV CYCLETRACK FOOTHILL BLVD TO ARROW RT	MI	0.60	\$2,000,000	\$1,200,000
2	PEDESTRIAN/BIKE WAYFINDING SIGNAGE	EA	3	\$1,000	\$3,000
3	MARKED HIGH VISIBILITY CROSSWALKS - FOOTHILL/SPRUCE 3 LEGS	SQFT	2375.00	\$10	\$23,750
4	YIELD LINES: FOOTHILL/SPRUCE	SQFT	190.00	\$10	\$1,900
5	CURB RAMP: FOOTHILL/SPRUCE	EA	2.00	\$15,000	\$30,000
6	MARKED HIGH VISIBILITY CROSSWALKS - CIVIC CENTER/RED OAK 4 LEGS	SQFT	2950.00	\$10	\$29,500
7	YIELD LINES: CIVIC CENTER/RED OAK	SQFT	190.00	\$10	\$1,900
8	CURB RAMP: CIVIC CENTER/RED OAK	EA	4.00	\$15,000	\$60,000
9	CLASS II BUFFERED BIKE LANE - ARROW RT TO JERSEY BLVD	MI	0.30	\$150,000	\$45,000
10	MARKED HIGH VISIBILITY CROSSWALKS -ARROW RT/RED OAK 2 LEGS	SQFT	1800.00	\$10	\$18,000
11	YIELD LINES: ARROW RT/RED OAK	SQFT	190.00	\$10	\$1,900
12	CURB RAMP: ARROW RT/RED OAK	EA	4.00	\$15,000	\$60,000
13	MARKED HIGH VISIBILITY CROSSWALKS - JERSEY BLVD/RED OAK 3 LEGS	SQFT	2375.00	\$10	\$23,750
14	YIELD LINES: JERSEY BLVD/RED OAK	SQFT	190.00	\$10	\$1,900
15	RECTANGULAR RAPID FLASHING BEACON: JERSEY BLVD/RED OAK	EA	1.00	\$50,000	\$50,000
16	CURB RAMP: JERSEY BLVD/RED OAK	EA	2.00	\$15,000	\$30,000
TOTAL =					\$1,581,000
03) 6th Street Cycle Track					
HAVEN AVENUE TO CHARLES SMITH AVENUE (2023-2024 CIP)					
TOTAL =					\$1,488,220
GRAND TOTAL					\$3,159,220

Notes:

1. The cost estimates exclude the following items:
 - a. Roadway pavement rehab or slurry seal
 - b. Americans with Disabilities Act (ADA) improvements other than shown hereon
 - c. Right-of-Way (ROW) acquisition or Temporary Construction Easements (TCEs)
 - d. Project/Program Soft Costs for administration, preliminary engineering, environmental clearance, PS&E and construction management
 - e. General project costs such as Mobilization, Traffic Control, SWPPP, etc
2. At time of programming or preparation of funding applications, unit costs may require adjustment due to escalation and market volatility.