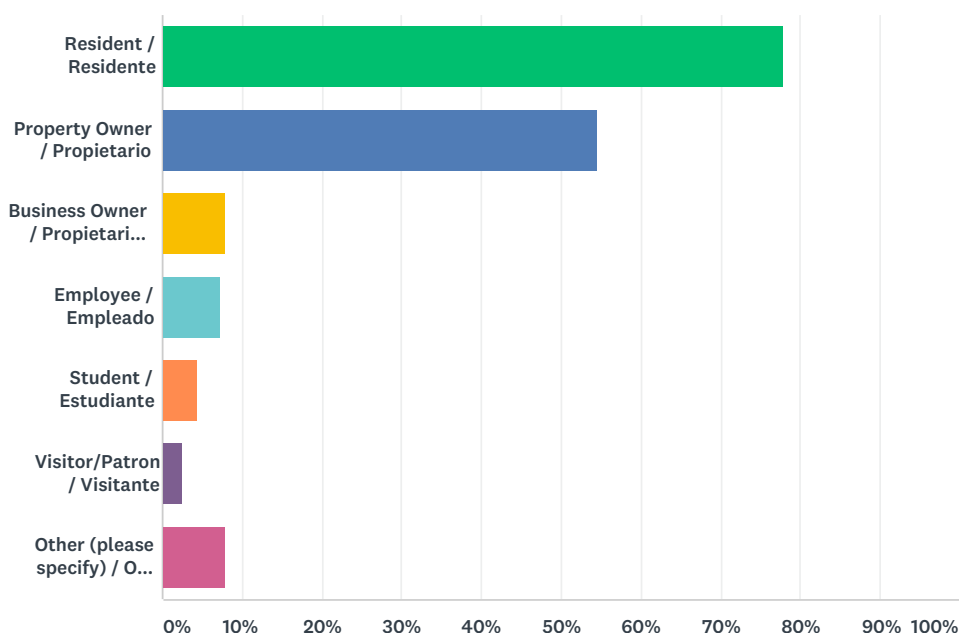


APPENDIX A: SURVEYMONKEY RESULTS



**Q1 How would you best describe your relationship with San Jacinto?
(check all that apply) / ¿Cómo describiría su relación con San Jacinto?
(Seleccione todas las opciones que apliquen)**

Answered: 163 Skipped: 0



ANSWER CHOICES	RESPONSES	
Resident / Residente	77.91%	127
Property Owner / Propietario	54.60%	89
Business Owner / Propietario de negocio	7.98%	13
Employee / Empleado	7.36%	12
Student / Estudiante	4.29%	7
Visitor/Patron / Visitante	2.45%	4
Other (please specify) / Otro (por favor especifique)	7.98%	13
Total Respondents: 163		

#	OTHER (PLEASE SPECIFY) / OTRO (POR FAVOR ESPECIFIQUE)	DATE
1	School Board Member	8/4/2018 7:33 PM
2	bike advocate	8/1/2018 5:48 PM
3	Investor in mobile home park	7/11/2018 3:53 AM
4	Former resident	5/9/2018 1:27 PM
5	In process of home purchase	4/25/2018 1:10 AM
6	Neighbor, live in Hemet	11/18/2017 9:41 AM
7	N/A	11/14/2017 12:26 PM

San Jacinto Trails Master Plan Plan de Maestro de Senderos de San Jacinto

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8	N/A	11/14/2017 12:12 PM
9	N/A	11/14/2017 12:02 PM
10	N/A	11/14/2017 11:57 AM
11	Hemet Resident	11/14/2017 11:48 AM
12	I live in Hemet, but of course travel through SJ alot.	11/10/2017 10:42 AM
13	SJ ORIGINAL K-12 POR VIDA	11/7/2017 6:57 PM

Q2 Is there a student(s) in the household? If so, what school(s) do they attend? / ¿Hay algún estudiante(s) en el hogar? De ser así, ¿a qué escuela asiste(n)?

Answered: 99 Skipped: 64

#	RESPONSES	DATE
1	No	8/13/2018 10:59 PM
2	None	8/4/2018 7:34 PM
3	Parkhill and North Mountain Middle	8/1/2018 11:16 PM
4	San Jacinto High School	7/18/2018 10:52 AM
5	no	7/17/2018 2:06 PM
6	No	7/16/2018 9:15 AM
7	No	7/16/2018 8:05 AM
8	none	7/11/2018 3:53 AM
9	No	7/9/2018 2:19 PM
10	Yes. Record, SJLA, Monte vista	7/7/2018 9:00 PM
11	No	7/3/2018 11:24 AM
12	0	6/29/2018 10:24 PM
13	N/A	6/5/2018 2:48 AM
14	none	6/1/2018 1:47 PM
15	Deanza and monte vista	5/30/2018 2:54 PM
16	No	5/21/2018 10:09 AM
17	Yes, Inspire Charter Homeschool	5/20/2018 10:46 PM
18	San Jacinto High School	5/12/2018 11:34 PM
19	River springs	5/9/2018 11:15 PM
20	No	5/9/2018 12:09 PM
21	Record, SJLA, Monte Vista Middle School	5/9/2018 12:02 PM
22	Yes... SJE/ MVMS/ SJHS	5/9/2018 11:51 AM
23	Tahquitz	5/9/2018 11:42 AM
24	3, Homeschool	5/8/2018 7:50 AM
25	San Jacinto Valley Academy	5/8/2018 7:44 AM
26	SJVA (4)	5/6/2018 8:12 PM
27	N/A	5/5/2018 4:53 PM
28	No	5/5/2018 1:32 PM
29	No	5/5/2018 11:22 AM
30	DeAnza	5/5/2018 9:06 AM
31	Sjva	5/5/2018 8:27 AM
32	No	5/5/2018 8:07 AM
33	SJHS	5/5/2018 3:00 AM

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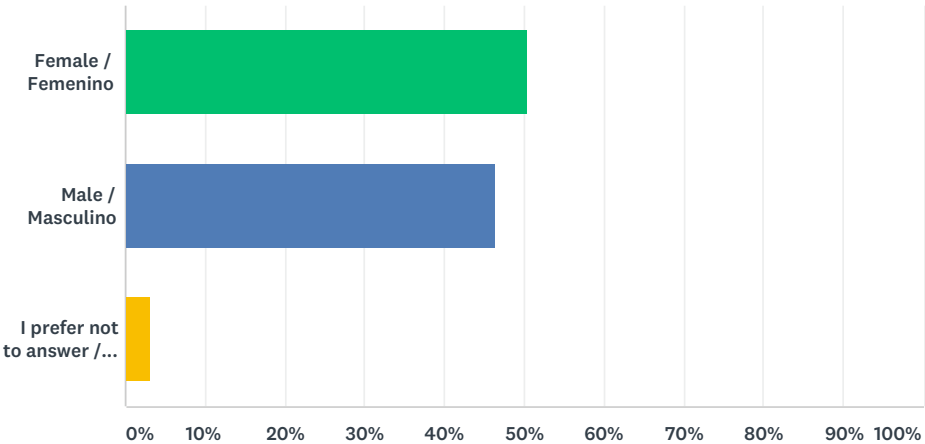
SurveyMonkey

34	Bautista Creek Elem. / Western Center Academy	4/27/2018 5:32 PM
35	No	4/25/2018 1:11 AM
36	mt san jacinto college	4/6/2018 11:08 AM
37	Park Hill Elementary	4/3/2018 2:43 PM
38	Mt San Jacinto college	4/2/2018 2:21 PM
39	San Jacinto Leadership Academy	3/27/2018 1:24 PM
40	no	3/11/2018 11:45 AM
41	Megan Cope Elementary	3/6/2018 9:17 AM
42	san jacinto valley academy	2/19/2018 9:04 AM
43	No	2/6/2018 9:29 AM
44	San Jacinto High School	2/6/2018 4:24 AM
45	edward hyatt	2/2/2018 3:24 PM
46	no	1/13/2018 10:36 AM
47	No	12/30/2017 11:59 AM
48	no	12/24/2017 2:26 AM
49	no	12/24/2017 1:43 AM
50	None	12/16/2017 1:43 PM
51	no	12/14/2017 10:40 AM
52	No	12/7/2017 3:56 PM
53	No	12/7/2017 12:52 AM
54	College / Cal State San Bernardino	12/4/2017 11:43 PM
55	Limmuwd Academy	12/4/2017 9:32 PM
56	Megan Cope Elementary	12/4/2017 12:17 PM
57	No	12/3/2017 11:27 PM
58	no	12/3/2017 2:35 PM
59	Msjc	12/3/2017 12:05 AM
60	no	12/2/2017 5:09 PM
61	San Jacinto high / Monte Vista middle	12/2/2017 9:18 AM
62	San Jacinto high	12/1/2017 4:47 PM
63	SJHS , MONTE VISTA MIDDLE SCHOOL	12/1/2017 3:29 PM
64	No	12/1/2017 10:26 AM
65	no	11/27/2017 4:02 PM
66	Estudillo Elem	11/21/2017 9:38 PM
67	Yes, Tahquitz High school	11/18/2017 9:43 AM
68	Yes, San Jacinto valley Academy	11/18/2017 7:20 AM
69	Megan Cope elementary	11/14/2017 2:48 PM
70	N/A	11/14/2017 12:08 PM
71	No	11/14/2017 11:53 AM
72	SJVA	11/14/2017 11:46 AM
73	North Mountain and Park Hill	11/11/2017 4:36 PM
74	No, but my daughter and grandkids go to school there. They go to SanJacinto Valley Academy.	11/10/2017 10:43 AM

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75	Yes. SJHS	11/9/2017 9:01 AM
76	Estadillo elementary	11/7/2017 6:58 PM
77	Parkhill, North Mountain	11/6/2017 7:07 PM
78	No	11/5/2017 8:51 PM
79	No	11/5/2017 2:04 PM
80	none	11/5/2017 2:02 PM
81	Yes, MSJC	11/5/2017 8:37 AM
82	San Jacinto High School and Mt. San Jacinto College	11/4/2017 7:38 PM
83	Sjhs	11/4/2017 4:54 PM
84	Sjva	11/4/2017 9:41 AM
85	No	11/4/2017 7:26 AM
86	Parkhill Elementary, North Mountain Middle School	11/4/2017 3:08 AM
87	no	11/3/2017 8:57 PM
88	St Hyacinth and San Jacinto Academy	11/3/2017 6:14 PM
89	SAN jacinto Valley acadamy	11/3/2017 6:05 PM
90	Park Hill Elementary , North mountain middle , MOUNTAIN HEIGHTS ACADEMY	11/3/2017 5:24 PM
91	San jacinto high school	11/3/2017 5:01 PM
92	none	11/3/2017 4:19 PM
93	Yes, Mountain View and Record	11/3/2017 4:18 PM
94	No students currently. In the future online schools will be utilized.	11/3/2017 3:32 PM
95	San Jacinto High School	11/3/2017 8:39 AM
96	Near msjc	11/2/2017 7:33 PM
97	Sjhs	11/2/2017 1:39 PM
98	No	11/2/2017 1:24 PM
99	no	10/27/2017 2:29 PM

Q3 What is your gender? / ¿Cuál es su sexo?

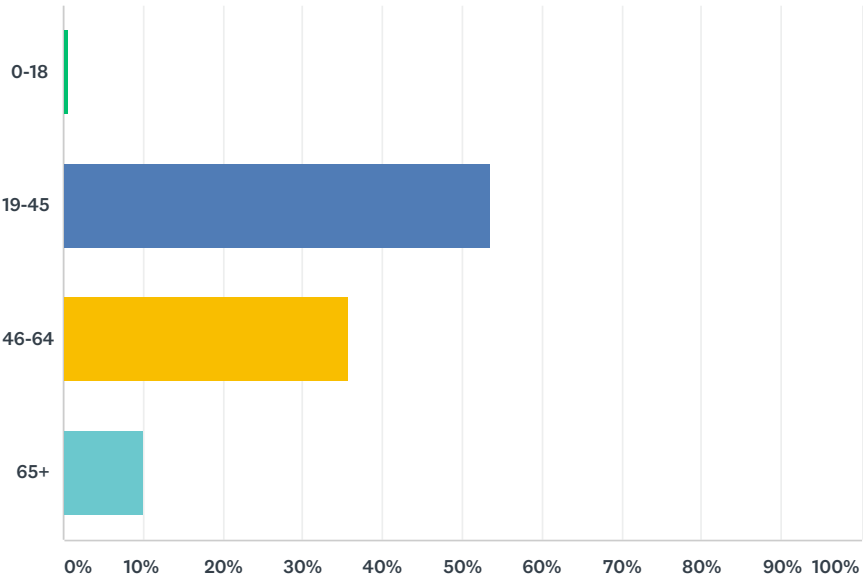
Answered: 159 Skipped: 4



ANSWER CHOICES	RESPONSES	
Female / Femenino	50.31%	80
Male / Masculino	46.54%	74
I prefer not to answer / Prefiero no responder	3.14%	5
TOTAL		159

Q4 What is your age? / ¿Qué edad tiene?

Answered: 159 Skipped: 4



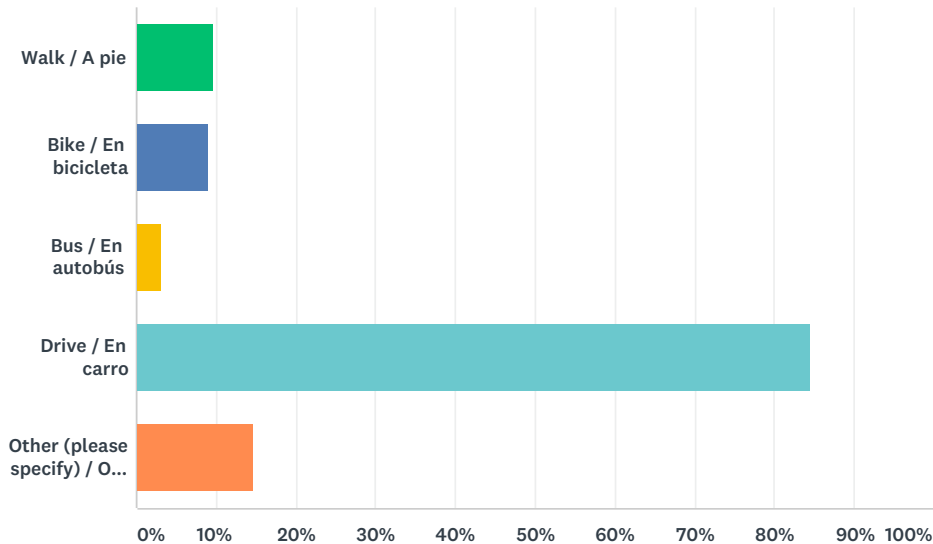
ANSWER CHOICES		RESPONSES	
0-18		0.63%	1
19-45		53.46%	85
46-64		35.85%	57
65+		10.06%	16
TOTAL			159

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Q5 How do you get to work/school? (check all that apply) / ¿Cómo llega al trabajo o a la escuela? (Seleccione todas las opciones que apliquen)

Answered: 156 Skipped: 7



ANSWER CHOICES	RESPONSES	
Walk / A pie	9.62%	15
Bike / En bicicleta	8.97%	14
Bus / En autobús	3.21%	5
Drive / En carro	84.62%	132
Other (please specify) / Otro (por favor especifique)	14.74%	23
Total Respondents: 156		

#	OTHER (PLEASE SPECIFY) / OTRO (POR FAVOR ESPECIFIQUE)	DATE
1	I'm retired	8/4/2018 7:35 PM
2	Fly to/from work.	7/16/2018 9:16 AM
3	Remote worker	5/21/2018 10:09 AM
4	I work from home	5/8/2018 7:51 AM
5	Work from home	5/8/2018 7:45 AM
6	Disabled not going to work/school	5/5/2018 8:08 AM
7	home business	5/5/2018 3:00 AM
8	retired no work	3/13/2018 10:58 AM
9	retired	3/11/2018 11:45 AM
10	retired	3/10/2018 9:26 PM
11	Home base work	2/6/2018 4:25 AM
12	Retired	12/12/2017 8:39 AM

San Jacinto Trails Master Plan Plan de Maestro de Senderos de San Jacinto

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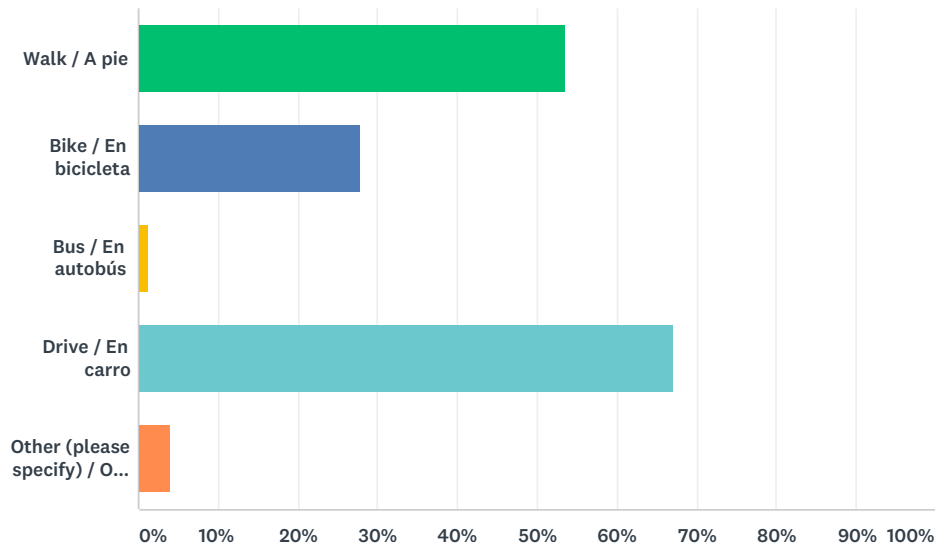
13	retired	12/2/2017 5:09 PM
14	Retired.	12/2/2017 4:45 PM
15	My sons used their scooters to go to school	12/2/2017 9:20 AM
16	N/A, retired	12/1/2017 10:40 PM
17	none	11/27/2017 4:03 PM
18	Retired	11/14/2017 12:09 PM
19	I drive to Ventura County to work at Naval Base Ventura County.	11/10/2017 10:45 AM
20	retired	11/5/2017 2:04 PM
21	Work from home	11/3/2017 6:06 PM
22	Retired	11/3/2017 4:45 PM
23	Telecommute	11/3/2017 3:33 PM

San Jacinto Trails Master Plan Plan de Maestro de Senderos de San Jacinto

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Q6 How do you get to the park? (check all that apply) / ¿Cómo llega al parque? (Seleccione todas las opciones que apliquen)

Answered: 155 Skipped: 8

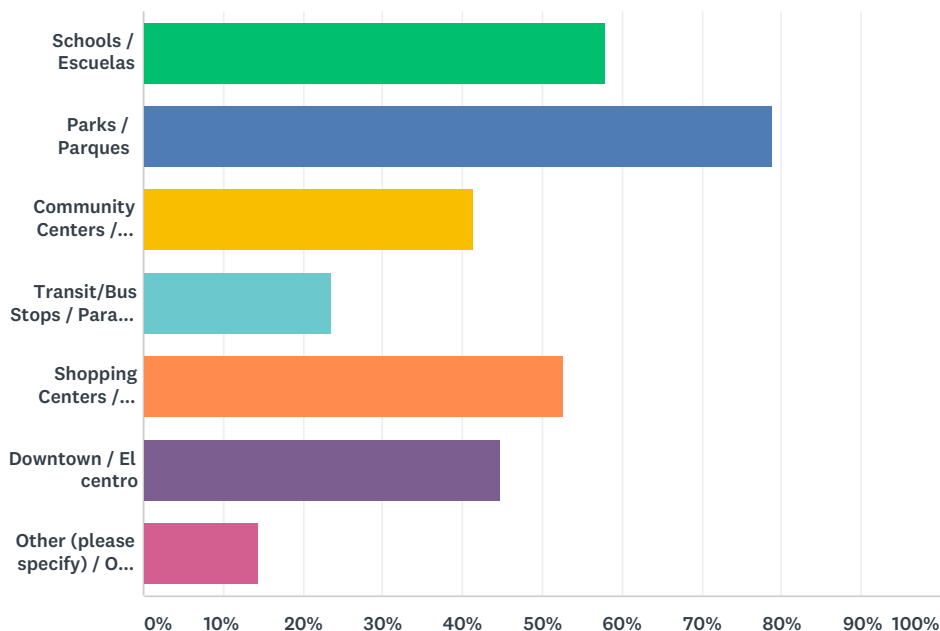


ANSWER CHOICES	RESPONSES	
Walk / A pie	53.55%	83
Bike / En bicicleta	27.74%	43
Bus / En autobús	1.29%	2
Drive / En carro	67.10%	104
Other (please specify) / Otro (por favor especifique)	3.87%	6
Total Respondents: 155		

#	OTHER (PLEASE SPECIFY) / OTRO (POR FAVOR ESPECIFIQUE)	DATE
1	We drive to a nicer park since the park across the street is unsafe in my eyes	8/1/2018 11:17 PM
2	Do not feel like our parks are safe, do not use	5/5/2018 4:54 PM
3	I won't it is not safe	12/12/2017 8:39 AM
4	none	11/27/2017 4:03 PM
5	New to area, not familiar with parks	11/18/2017 9:45 AM
6	Friend with car	11/14/2017 11:58 AM

Q7 Where would you like to see better pedestrian and bicycling routes to? / ¿En dónde le gustaría ver mejores rutas peatonales y ciclistas?

Answered: 152 Skipped: 11



ANSWER CHOICES	RESPONSES
Schools / Escuelas	57.89% 88
Parks / Parques	78.95% 120
Community Centers / Centros comunitarios	41.45% 63
Transit/Bus Stops / Paradas de autobús	23.68% 36
Shopping Centers / Centros comerciales	52.63% 80
Downtown / El centro	44.74% 68
Other (please specify) / Otro (por favor especifique)	14.47% 22
Total Respondents: 152	

#	OTHER (PLEASE SPECIFY) / OTRO (POR FAVOR ESPECIFIQUE)	DATE
1	Horse trails	8/13/2018 10:59 PM
2	streets where it is wide enough to add bike lanes	8/4/2018 7:36 PM
3	neighboring communities (e.g. Hemet, MoVal)	8/1/2018 5:50 PM
4	Trails to the mountains	6/1/2018 1:48 PM
5	Mountains	5/9/2018 11:43 AM
6	Rugged trails also, for more of a "mountain bike" experience	5/5/2018 1:33 PM
7	Hewitt Ave between Park Ave and Downtown SJ	4/27/2018 5:33 PM
8	Hewitt ave between park and esplanade	2/19/2018 9:05 AM

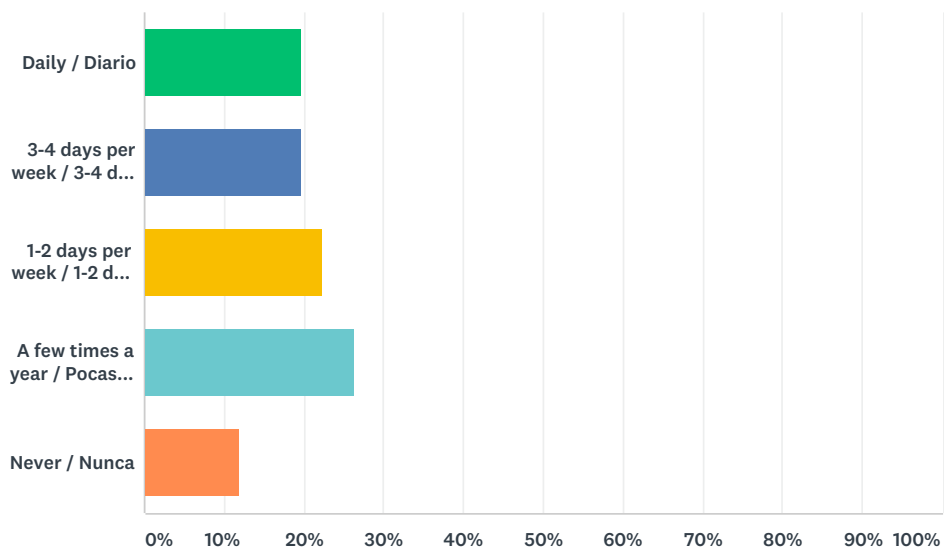
San Jacinto Trails Master Plan Plan de Maestro de Senderos de San Jacinto

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9	Ramona Expressway	2/12/2018 4:44 PM
10	Don't waste the money	12/3/2017 11:28 PM
11	San Jacinto Avenue	11/27/2017 4:04 PM
12	Along flood control levees, away from traffic	11/18/2017 9:47 AM
13	San Jacinto Ave between Main St and Ramona expressway	11/18/2017 7:22 AM
14	State St, SJ Ave	11/14/2017 12:09 PM
15	Make trails like east side Class I and extend exist	11/14/2017 11:54 AM
16	Unused Land by Warren	11/14/2017 11:47 AM
17	All of the trails are good, but they lack the interconnection with each other... could you imagine to go around and pretty much go around the town in your bicycle, or on a marathon... the possibilities are endless... look Poway, where even horses are allowed to use the trails, as long as somebody is in the house of course... or San Jose Ca where pretty much you can go from the North end in Santa Teresa, through Downtown and all the way to the international Airport... can we do better? Of course we can have Better infrastructure than the aforementioned ones. All what it takes is a vision, & been persistent.	11/4/2017 10:47 PM
18	Bike corridor through valley	11/4/2017 4:56 PM
19	Bike paths around edge of city for long distance cycling	11/4/2017 8:03 AM
20	In my neighborhood our bike trail is dangerous	11/3/2017 6:55 PM
21	Would like the existing bike trails in Rancho San Jacinto brought up to date with existing lights along trails returned to working condition. They have been in a state of disrepair for years. Why start new projects for trails when the existing trails are unsafe?	11/3/2017 3:38 PM
22	around neighborhoods	11/2/2017 1:24 PM

Q8 How often do you walk in San Jacinto? / ¿Qué tan seguido camina en San Jacinto?

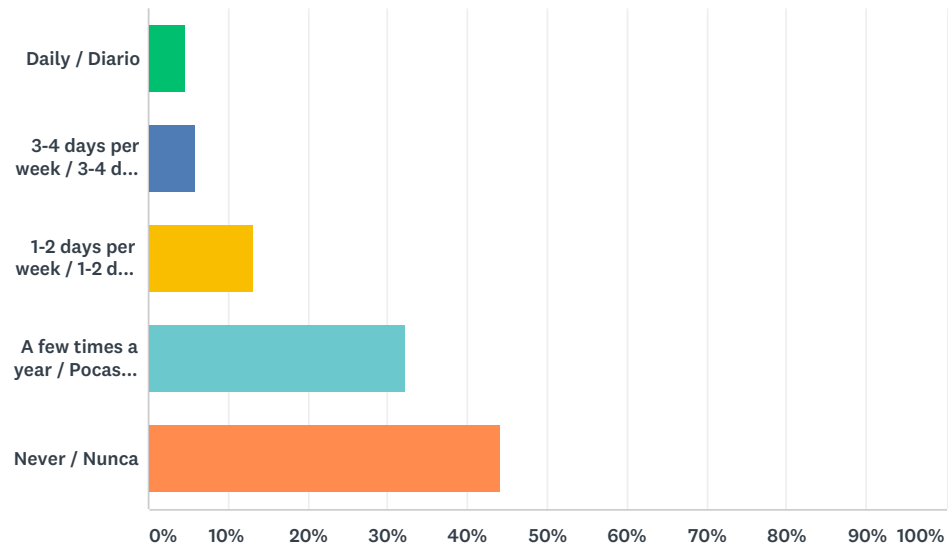
Answered: 152 Skipped: 11



ANSWER CHOICES	RESPONSES	
Daily / Diario	19.74%	30
3-4 days per week / 3-4 días a la semana	19.74%	30
1-2 days per week / 1-2 días a la semana	22.37%	34
A few times a year / Pocas veces al año	26.32%	40
Never / Nunca	11.84%	18
TOTAL		152

Q9 How often do you bike in San Jacinto? / ¿Qué tan seguido anda en bicicleta en San Jacinto?

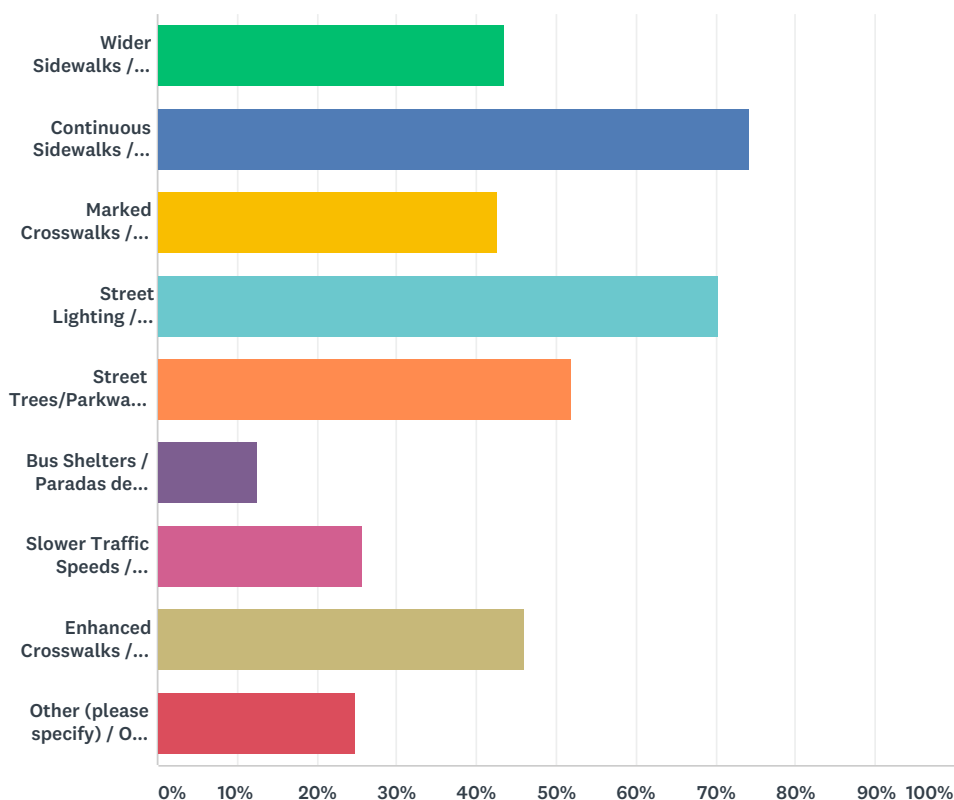
Answered: 152 Skipped: 11



ANSWER CHOICES	RESPONSES	
Daily / Diario	4.61%	7
3-4 days per week / 3-4 días a la semana	5.92%	9
1-2 days per week / 1-2 días a la semana	13.16%	20
A few times a year / Pocas veces al año	32.24%	49
Never / Nunca	44.08%	67
TOTAL		152

Q10 What would make walking better in San Jacinto? (check all that apply) / ¿Qué haría que caminar fuera mejor en San Jacinto? (Seleccione todas las opciones que apliquen)

Answered: 152 Skipped: 11



ANSWER CHOICES		RESPONSES	
Wider Sidewalks / Banquetas anchas		43.42%	66
Continuous Sidewalks / Banquetas continuas		74.34%	113
Marked Crosswalks / Cruces señalizados		42.76%	65
Street Lighting / Alumbrado		70.39%	107
Street Trees/Parkways / Árboles		51.97%	79
Bus Shelters / Paradas de autobús		12.50%	19
Slower Traffic Speeds / Velocidades de tráfico más lentas		25.66%	39
Enhanced Crosswalks / Cruces mejorado (altos o señales)		46.05%	70
Other (please specify) / Otro (por favor especifique)		25.00%	38
Total Respondents: 152			

#	OTHER (PLEASE SPECIFY) / OTRO (POR FAVOR ESPECIFIQUE)	DATE
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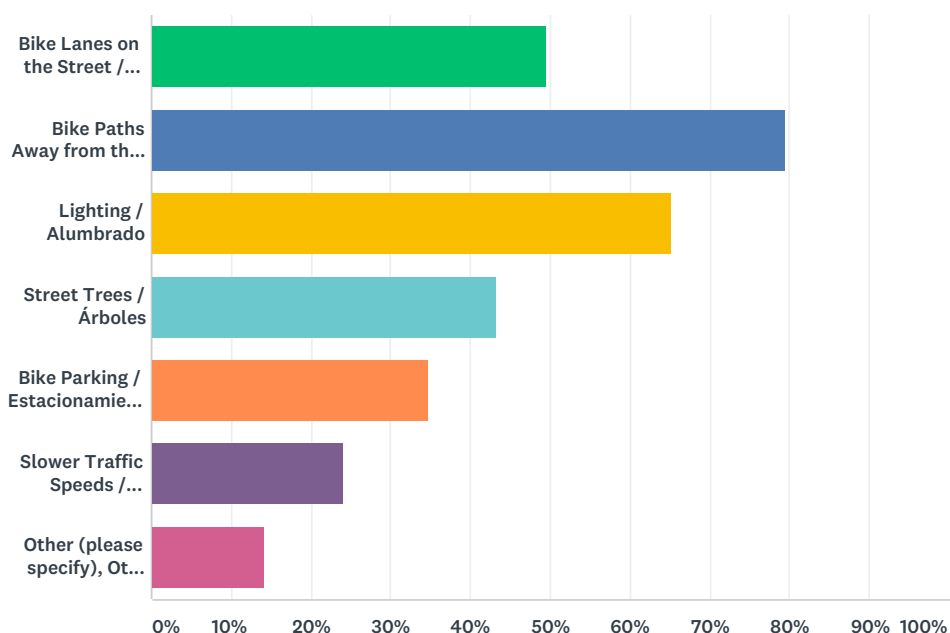
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1	Horse trails	8/13/2018 11:00 PM
2	Sidewalks free from vegetation encumbrances	7/30/2018 11:26 AM
3	Designated trails	6/29/2018 10:25 PM
4	Less homeless	5/21/2018 10:10 AM
5	Safe walking connections to restaurants and shopping	5/20/2018 10:49 PM
6	Reduced homeless/transient population	5/5/2018 4:55 PM
7	Better lighting in a lot of areas	5/5/2018 1:34 PM
8	More lightning! This town is terrifying at night	5/5/2018 11:24 AM
9	Tickets for those who park on or otherwise obstruct the sidewalks	5/5/2018 8:11 AM
10	Connected walkways	5/5/2018 7:13 AM
11	Better enforcement of leash laws. Everyone in my neighborhood carries a large stick because of dogs roamed my free.	5/4/2018 8:51 PM
12	trails that are away from streets	4/6/2018 11:09 AM
13	We would feel safer without homeless individuals hanging out on the trails.	3/27/2018 1:28 PM
14	more / new sidewalks like on SJ ave from downtown to the hemet line	3/13/2018 11:00 AM
15	If there wasn't halfway homes near schools and homeless people	3/6/2018 9:21 AM
16	Bumps on streets that have high volume of cars. Especially thos that are in residential areas. Like Brinton for one.	2/6/2018 4:29 AM
17	Landscaping	1/25/2018 4:40 PM
18	more police presence	12/14/2017 10:42 AM
19	People obeying the law	12/12/2017 8:41 AM
20	Safer streets. Streets are filled with drug addicts/criminals/crazies	12/3/2017 11:30 PM
21	Safer streets	12/2/2017 5:56 PM
22	drivers who don't ignore stop signs and lights	12/1/2017 10:42 PM
23	More police presence.	12/1/2017 3:31 PM
24	We can do something like a river walk by the canals	11/30/2017 3:20 PM
25	cleaner sidewalks more security	11/27/2017 4:06 PM
26	Bike and trail paths away from traffic. Nature pathways	11/18/2017 9:52 AM
27	shaded areas to escape summer heat, 109 degree!	11/14/2017 12:00 PM
28	Slower Traffic Speeds on State	11/14/2017 11:47 AM
29	Students need to actually use crosswalks. Too many jaywalkers.	11/9/2017 9:05 AM
30	Maintained paths, such as where debris gathers, roots have pushed up, and grafitti	11/5/2017 8:40 AM
31	Please see previous comments	11/4/2017 10:49 PM
32	Bike lanes	11/4/2017 4:57 PM
33	Were i walk there are lights but never turn on.	11/4/2017 9:43 AM
34	Less crime	11/3/2017 9:25 PM
35	we need speed bumps on more streets to slow speeders down!	11/3/2017 9:00 PM
36	Clean up existing bike trails	11/3/2017 6:55 PM
37	More police	11/3/2017 6:07 PM
38	Better enforcement of leash laws. Many people in my community walk with big sticks or pepper spray due to large dogs not on leashes or wandering without their owners in the community. It would also be great if there were more citations and/or signs stating "CLEAN UP AFTER YOUR PETS". It's disgusting to see dog feces along the trails and sidewalks.	11/3/2017 3:42 PM

Q11 What would make bicycling in San Jacinto better? (check all that apply) / ¿Qué haría que andar en bicicleta fuera mejor en San Jacinto? (Seleccione todas las opciones que apliquen)

Answered: 141 Skipped: 22



ANSWER CHOICES		RESPONSES	
Bike Lanes on the Street / Carriles para bicicleta en las calles		49.65%	70
Bike Paths Away from the Street / Rutas para bicicleta fuera de la calle		79.43%	112
Lighting / Alumbrado		65.25%	92
Street Trees / Árboles		43.26%	61
Bike Parking / Estacionamiento para bicicletas		34.75%	49
Slower Traffic Speeds / Velocidades de tráfico más lentas		24.11%	34
Other (please specify), Otro (por favor especifique)		14.18%	20
Total Respondents: 141			

#	OTHER (PLEASE SPECIFY), OTRO (POR FAVOR ESPECIFIQUE)	DATE
1	Use of flood control channels or reservoirs by adding in walking/biking lanes or pathways	8/4/2018 7:38 PM
2	network of LTS2 bikeways within a quarter mile of all residents and LTS1 around schools	8/1/2018 5:51 PM
3	Connected	5/5/2018 7:13 AM
4	trails that connect places and are pleasant, and allow multiple users	4/6/2018 11:10 AM
5	Drivers don't pay attention to bicycles, they drive too fast and don't follow traffic laws.	3/28/2018 9:21 AM
6	Removing halfway homes and homeless people that our near our schools	3/6/2018 9:22 AM
7	Safer streets	12/3/2017 11:30 PM

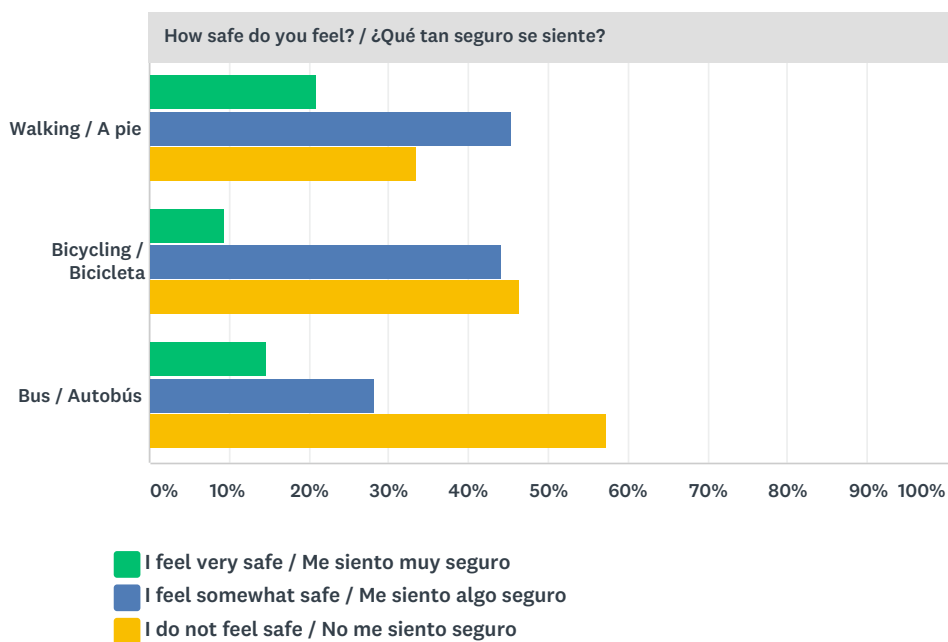
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8	Safer streets	12/2/2017 5:56 PM
9	drivers and riders who obey traffic laws	12/1/2017 10:43 PM
10	I would say away from the street because of erratic drivers in San Jacinto/ hemet	12/1/2017 3:33 PM
11	Easy to access pathways away from traffic	11/18/2017 9:54 AM
12	less bike theft	11/14/2017 12:00 PM
13	Except for the speed limit, Ramona Expressway would be a nice place to bike too.	11/10/2017 10:52 AM
14	Most Bicyclists do not obey rules of the road, making the roads very dangerous. Enforcing and educating on the bike laws is needed. None of the above matters if this doesn't happen.	11/9/2017 9:11 AM
15	smoother streets	11/5/2017 8:41 AM
16	Roads only dedicated to walking & bicycles	11/4/2017 10:50 PM
17	Less crime	11/3/2017 9:26 PM
18	Clean up existing bike trails	11/3/2017 6:56 PM
19	Repair broken concrete along existing bike paths. When flood basins were converted from grass to gravel there was a great deal of breakage of concrete due to semi trucks bringing gravel in that has not been repaired. It presents a hazardous situation for bike riders.	11/3/2017 3:46 PM
20	interesting off- street bike trails	10/27/2017 2:32 PM

Q12 How safe do you feel when using the following types of transportation? / ¿Qué tan seguro se siente usando los siguientes modos de transporte?

Answered: 143 Skipped: 20



How safe do you feel? / ¿Qué tan seguro se siente?				
	I FEEL VERY SAFE / ME SIENTO MUY SEGURO	I FEEL SOMEWHAT SAFE / ME SIENTO ALGO SEGURO	I DO NOT FEEL SAFE / NO ME SIENTO SEGURO	TOTAL
Walking / A pie	20.98% 30	45.45% 65	33.57% 48	143
Bicycling / Bicicleta	9.45% 12	44.09% 56	46.46% 59	127
Bus / Autobús	14.55% 16	28.18% 31	57.27% 63	110

San Jacinto Trails Master Plan Plan de Maestro de Senderos de San Jacinto

SurveyMonkey

Q13 Do you have any additional comments? / ¿Tiene comentarios adicionales?

Answered: 83 Skipped: 80

#	RESPONSES	DATE
1	Horse trails!	8/13/2018 11:00 PM
2	Where there are already wide enough streets, bike lanes should be added. Our flood control channels, reservoirs, or the riverbed (banks) can be utilized for walking/biking right now- just need some refurbishment or decomposed granite placed down for pathways.	8/4/2018 7:40 PM
3	I moved to this area because of the walking trails and parks, we've watched it go downhill in recent years while seeing other parks still get love. What's left of the parks in the Rancho San Jac Community are practically dirt fields, full of dead grass and gopher holes.. not to mention a park across the street from my house that is falling apart.	8/1/2018 11:21 PM
4	the plan should set goals for providing a usable network of low-stress bikeways to city residents and require that all new developments include their own internal network AND provide usable connections between it and the broader city-wide network	8/1/2018 8:56 PM
5	The sidewalks and bike paths need more frequent maintenance. Tree limbs, tumbleweeds, goathead vines are blocking the sidewalks on country village drive. Glass and sand are problems on the Ramona expressway bike path.	7/30/2018 11:32 AM
6	None	7/19/2018 12:20 PM
7	More trees and street paving. Sad to see my city I love...falling apart and behind the times. Make San Jacinto the "crown jewel" of this great state!	7/16/2018 9:21 AM
8	Clean the parks up around Villines and Esplanade. Grass is dead, bike trails have still water. horrible!	7/16/2018 8:07 AM
9	Moved here Oct. 2017 and love this city. Dennis Fletcher	7/11/2018 3:57 AM
10	Please put a sidewalk on Ramona Blvd between savory and Lyon on the south side. We live near here and like to bike to the park close to Sanderson and Ramona Blvd but there is no sidewalk or room to bike so it is very dangerous. The cars go very fast on Ramona Blvd.	7/7/2018 9:03 PM
11	Please add safe bicycle and walking trails!	6/29/2018 10:27 PM
12	Fix the bike path (maintain trees, shrub, bushes, sewer, etc) along Esplanade. San Jacinto has so much potential ...	6/10/2018 12:01 AM
13	This is a great city for growth! Good law enforcement is a must! City council are doing a good job!	6/9/2018 12:37 AM
14	Add more street lights, get rid of creepy homeless people	6/5/2018 2:50 AM
15	I think we need more connecting sidewalk especially at 7 th and Palm. We also need lights at 7th and palm and at palm and cottonwood.	5/30/2018 2:58 PM
16	This will be a beautiful city to walk within once the master plan is in place.	5/20/2018 10:51 PM
17	Not at this time	5/9/2018 11:19 PM
18	No	5/9/2018 12:11 PM
19	So much needs to be done in this city!!	5/9/2018 12:05 PM
20	Improving sidewalk and tree lighting will increase the amount of people walking as consecue we may have healthy people	5/9/2018 11:55 AM
21	This plan would be a major improvement to San Jacinto- community based activity with the walking and biking trails- getting outside and enjoying our city/are	5/5/2018 1:36 PM
22	Get rid of the dirty druggies from the streets then we can all feel safe walking around town.	5/5/2018 11:25 AM

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23	Aggressive loose animals, people parking over the sidewalks, vegetation blocking sidewalk access and broken glass on sidewalks make it difficult and unsafe to get out and enjoy the community.	5/5/2018 8:14 AM
24	Should have one on top of Levy	5/5/2018 7:13 AM
25	Fix the existing lighting along bike and walking paths in Rancho San Jacinto. It's been years since there have been working lights on the paths. Extend bike lanes to local shopping centers.	5/4/2018 8:55 PM
26	San Jacinto is doing a fantastic job of cleaning up the town and moving forward !	5/4/2018 8:34 PM
27	use the easements and earthquake zones that are unbuildable and linear to create a comprehensive, street free trail system for transportation and recreation	4/6/2018 11:11 AM
28	Street lighting is very important some streets have lighting and others are completely dark	4/2/2018 2:25 PM
29	Please create more trails and bike paths. San Jacinto could be such a charming town.	3/28/2018 9:23 AM
30	It would be amazing to see a lake with a walking trail surrounding it. Thank you!	3/27/2018 1:32 PM
31	getting ready to move out of SJ	3/13/2018 11:01 AM
32	pick up after your pet signs or violation per code. Some speed bumps in some neighborhood's	3/11/2018 11:49 AM
33	pick up after your pet signs or violation per code. Some speed bumps in some neighborhood's	3/10/2018 9:34 PM
34	Cleaner streets and sidewalks	2/10/2018 4:13 PM
35	We need to get rid of the homeless and walking/biking will be better for everyone. Plus we need to control the disgusting and unbearable cow manure smell	2/6/2018 9:32 AM
36	Yes. On San Jacinto and Main Street sets the old hotel unfinished. When are the owner going to finish the construction? It is an eyesore to see that blue building not being in use. Nit only that you cannot walk around it without walking in the street. It is very dangerous for walkers and bikers.	2/6/2018 4:33 AM
37	no	2/2/2018 3:26 PM
38	Reopen San Jacinto River Park. Plant more trees, other than Magnolias which don't grow. Make homes with walls facing the streets keep them landscaped.	1/27/2018 10:21 PM
39	N/a	12/30/2017 12:01 PM
40	This plan seems much more reasonable than some of the 'road diets' I'm seeing elsewhere in LA and California. Trails seem a better option to ensure San Jacinto remains a healthy and active community as it grows, and provides additional mobility choices for shorter trips. Trails would also meet 'Active Transport' mandates, which would allow for the continued development of a great 'motorized' network of wide, multi-lane roads, which reduces congestion and accommodates for future development. By developing trails for pedestrians and cyclists (safe, wide, tree-lined, away from road), and efficient multi-lane roadways for motorists, San Jacinto can develop a true 'multi-modal' network that ensures no mode of transport is sacrificed for the other (in the past, Active Transport, now unfortunately motorists elsewhere with ill-founded lane reductions etc...). I look forward to a more pragmatic approach to meeting the needs of all transport modes, and wish the City of San Jacinto well in pursuing this vision.	12/24/2017 2:31 AM
41	This plan seems much more reasonable than some of the 'road diets' I'm seeing elsewhere in LA and California. Trails seem a better option to ensure San Jacinto remains a healthy and active community as it grows, and provides additional mobility choices for shorter trips. Trails would also meet 'Active Transport' mandates, which would allow for the continued development of a great 'motorized' network of wide, multi-lane roads, which reduces congestion and accommodates for future development. By developing trails for pedestrians and cyclists (safe, wide, tree-lined, away from road), and efficient multi-lane roadways for motorists, San Jacinto can develop a true 'multi-modal' network that ensures no mode of transport is sacrificed for the other (in the past, Active Transport, now unfortunately motorists elsewhere with ill-founded lane reductions etc...). I look forward to a more pragmatic approach to meeting the needs of all transport modes, without any inconvenience to motorists (the majority of residents) with 'road diets' on major highways, (Venice Blvd etc...). On a side note, whilst a small minority may be happy with on-road 'buffered' cycle lanes, trails would encourage many more to cycle (e.g. students), without causing unnecessary congestion to road users.	12/24/2017 2:23 AM
42	English only please for city site	12/16/2017 1:45 PM
43	I realize it is easier said than done to ask of these things. Mistletoe Park needs to be closed down again due to the drugs, fighting, homeless the list goes on	12/12/2017 8:43 AM

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44	We need more lighting on streets. I would walk more and bike everywhere if there weren't so many homeless and drug addicts on the streets	12/7/2017 12:55 AM
45	I absolutely love walking! We moved here from orange county and I would lock my children to school the park and the grocery store. Here it's horrible to walk because so often I won't have any sidewalk to walk on, and then all the tires on my stroller get popped. And then we're walking in the street which is unsafe for my children. More trees and shade would really make walking all year long possible and more beautiful. There is also an issue of Homeless at the parks, I do not want to walk my children to a park where I feel unsafe with adult homeless men near myself and children.	12/4/2017 12:25 PM
46	City should be focusing on street cleanup rather than bicycle/pedestrian walkways.	12/3/2017 11:32 PM
47	no	12/3/2017 2:38 PM
48	Let's clean up the city or all this will be a waste of time and money	12/2/2017 5:15 PM
49	Safer streets for kids to ride bikes to/from schools	12/2/2017 9:26 AM
50	Lighting around the city needs to improve, especially in new homes. Not enough street lights.	12/1/2017 4:50 PM
51	I believe the bigger issue is trying to keep them clean from drugs and transients. I visit parks with my family every weekend and gave always found drug paraphernalia, condoms and glass everywhere. So additional trails would be awesome but will they be safe? I would rather commute to idelwild to have a better hiking experience.	12/1/2017 3:37 PM
52	This city has great potential, but really needs to be cleaned up. Code enforcement really needs to start writing citations to businesses and residents.	11/30/2017 7:00 PM
53	More sidewalks, crosswalks, speed bumps, and stop signs	11/30/2017 3:21 PM
54	the city is not safe at all. lots of bums, drug addicts, mentally ill roam the streets. the city layout is beautifully designed and would be lovely for walking and biking if it was safer	11/27/2017 4:21 PM
55	Connecting pathways to parks in San Jacinto and local and outlying areas	11/18/2017 9:57 AM
56	San Jacinto Ave between Main and Ramona Expressway needs a serious facelift it looks ugly and dangerous to walk around. We need family friendlier atmosphere more appealing to families and the community. It is embarrassing that we cannot spend time outdoors because of lack of sidewalks, safety, paths for walking. Look at Temecula, Murrieta and the neighboring cities they are beautiful and it is appealing for families to be outdoors.	11/18/2017 7:30 AM
57	More police presence	11/14/2017 2:52 PM
58	Connecting SJV to Hemet	11/14/2017 12:06 PM
59	Horse paths? lots of horses in San Jacinto Valley	11/14/2017 12:01 PM
60	Great start, thanks!	11/14/2017 11:49 AM
61	We need light on park grounds and walking trails, it's completely dark now around 6pm	11/11/2017 4:44 PM
62	Regular citizens like to bike and walk around and see their taxes at work, not just homeless folks. Please take this comment positively.	11/10/2017 10:54 AM
63	Sounds great but is a moot point if laws continue to be disobeyed.	11/9/2017 9:14 AM
64	Lets develop for the future for a more beautiful and prosperous city of San Jacinto, while holding on to the small town feel	11/7/2017 7:01 PM
65	The streets and walking paths have homeless men and women doing drugs and sleeping there. Something needs to be done to make it safe to walk again	11/6/2017 7:10 PM
66	I would like a bridge or cross over to Valley Wide Park from 7th street. Right now Palm St. doesn't go through.	11/5/2017 2:05 PM
67	We must collaborate citizens, local governments, including State, & Federal	11/4/2017 10:53 PM
68	Need more trees in the walk/bike path, more lighting, walk/bike path need to be cleaned more often	11/4/2017 7:42 PM
69	No	11/4/2017 6:47 PM
70	Bike paths and corridors please	11/4/2017 5:00 PM
71	I use a walking trail by Arroyo Viejo but lights are always off would be great if they are turned on.	11/4/2017 9:45 AM

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72	I use and like the bike path along the Ramona Expy however, it is often covered by debris and thorns--resulting in numerous flat tires on my road bike.	11/4/2017 8:08 AM
73	We moved to this area (Rancho San Jacinto Tract) because of the green parks and well maintained parks, in recent years the parks and trails have gone to crap. I'm afraid to take my children to the park in fear of them getting injured, we no longer use the walking paths because they have no lighting and are poorly maintained.	11/4/2017 3:12 AM
74	When I am walking my dogs,bicyclers need to yell out or say something before they are on top of you and almost run you over. It's a matter of manners. Some people have none!	11/3/2017 9:04 PM
75	Code enforcement needs to be more vigilant. Homes, yards, our streets and parks would look a lot better if code enforcement, among others, would simply do the job they are being paid to do	11/3/2017 7:19 PM
76	Bike trail on los rosas is dark had a rape years past	11/3/2017 6:57 PM
77	Would like to see smaller parks fixed	11/3/2017 6:20 PM
78	We need more Dog Parks for the general public and Dog Friendly Trails.	11/3/2017 4:51 PM
79	many streets do not have sidewalks at all, even main streets like san jacinto,	11/3/2017 4:22 PM
80	I believe it's a wonderful plan to create a better walking and biking environment that leads to improvement in health and well-being of residents. I would like to emphasize that the existing walkways and bike paths should be tied into future plans to connect on a broad basis throughout San Jacinto. There's an excellent start with the existing pathways in Rancho San Jacinto and it would be beneficial for all that these become an integral part of the Trails plan.	11/3/2017 3:52 PM
81	"Police" dog walkers. They are not picking up after their dogs!!! Esplanade	11/3/2017 8:42 AM
82	no	11/2/2017 3:07 PM
83	Formalize an off -street bike route along flood control channel. Easier access to trail. Near Lake park bridge. Consider reaching out to Golden Era Productions to extend the same recreational bike route along Gilman Springs. This could be a destination for bicyclists to come to San Jacinto.	10/27/2017 2:37 PM

APPENDIX B: PROJECT COST ESTIMATES





Planning Level Cost Estimate for
San Jacinto Trail Master Plan
Bicycle Facility #1 - Class 2
7th Street from Melena Lane to Ramona Expressway

ITEM NO.	DESCRIPTION (UNIT)	QUANTITY**	UNIT COST	ITEM COST
<u>Melena Lane to Cawston Avenue</u>				
2	Install Bike Lane Stripe (LF)	3850	\$1.00	\$3,850.00
4	Install Bike Lane Pavement Legend (EA)	8	\$180.00	\$1,440.00
1	Install Roadside Sign - One Post (EA)	8	\$300.00	\$2,400.00
<u>Cawston Avenue to Black Cherry Street</u>				
3	Install Shared Lane Pavement Legend (EA)	9	\$180.00	\$1,620.00
1	Install Roadside Sign - One Post (EA)	5	\$300.00	\$1,500.00
<u>Black Cherry Street to Sanderson Avenue</u>				
2	Install Bike Lane Stripe (LF)	2800	\$1.00	\$2,800.00
4	Install Bike Lane Pavement Legend (EA)	6	\$180.00	\$1,080.00
1	Install Roadside Sign - One Post (EA)	6	\$300.00	\$1,800.00
<u>Sanderson Avenue to Kirby Street</u>				
2	Install Bike Lane Stripe (LF)	5200	\$1.00	\$5,200.00
4	Install Bike Lane Pavement Legend (EA)	10	\$180.00	\$1,800.00
1	Install Roadside Sign - One Post (EA)	10	\$300.00	\$3,000.00
<u>Kirby Street to Lyon Avenue</u>				
2	Install Bike Lane Stripe (LF)	5200	\$1.00	\$5,200.00
4	Install Bike Lane Pavement Legend (EA)	10	\$180.00	\$1,800.00
1	Install Roadside Sign - One Post (EA)	10	\$300.00	\$3,000.00
<u>Lyon Avenue to Palm Avenue</u>				
2	Install Bike Lane Stripe (LF)	5230	\$1.00	\$5,230.00
4	Install Bike Lane Pavement Legend (EA)	10	\$180.00	\$1,800.00
1	Install Roadside Sign - One Post (EA)	10	\$300.00	\$3,000.00
<u>Palm Avenue to Grand Avenue</u>				
2	Install Bike Lane Stripe (LF)	1340	\$1.00	\$1,340.00
4	Install Bike Lane Pavement Legend (EA)	3	\$180.00	\$540.00
1	Install Roadside Sign - One Post (EA)	3	\$300.00	\$900.00
<u>Grand Avenue to Santa Fe Avenue</u>				
8	Remove Lane Stripe (LF)	5090	\$3.00	\$15,270.00
15	Remove Arrow Pavement Legend (EA)	16	\$40.00	\$640.00
20	Remove Word Pavement Legend (EA)	7	\$80.00	\$560.00
14	A.C. Slurry Seal (SF)	194000	\$0.60	\$116,400.00
21	Install Word Pavement Legend (EA)	7	\$150.00	\$1,050.00
16	Install Arrow Pavement Legend (EA)	16	\$100.00	\$1,600.00
13	Install Lane Stripe (LF)	5090	\$1.00	\$5,090.00
2	Install Bike Lane Stripe (LF)	9200	\$1.00	\$9,200.00
4	Install Bike Lane Pavement Legend (EA)	18	\$180.00	\$3,240.00
1	Install Roadside Sign - One Post (EA)	18	\$300.00	\$5,400.00
<u>Santa Fe Avenue to San Jacinto Avenue</u>				
3	Install Shared Lane Pavement Legend (EA)	10	\$180.00	\$1,800.00
1	Install Roadside Sign - One Post (EA)	5	\$300.00	\$1,500.00
<u>San Jacinto Avenue to Hewitt Street</u>				
2	Install Bike Lane Stripe (LF)	10350	\$1.00	\$10,350.00
4	Install Bike Lane Pavement Legend (EA)	9	\$180.00	\$1,620.00
1	Install Roadside Sign - One Post (EA)	9	\$300.00	\$2,700.00
<u>Hewitt Street to Rejoice Lane/Las Rosas Drive</u>				
2	Install Bike Lane Stripe (LF)	12150	\$1.00	\$12,150.00
4	Install Bike Lane Pavement Legend (EA)	11	\$180.00	\$1,980.00
1	Install Roadside Sign - One Post (EA)	11	\$300.00	\$3,300.00
<u>Rejoice Lane/Las Rosas Drive to Ramona Expressway</u>				
3	Install Shared Lane Pavement Legend (EA)	4	\$180.00	\$720.00
1	Install Roadside Sign - One Post (EA)	8	\$300.00	\$2,400.00
2	Install Bike Lane Stripe (LF)	6975	\$1.00	\$6,975.00
4	Install Bike Lane Pavement Legend (EA)	6	\$180.00	\$1,080.00

	SUB-TOTAL:	\$254,325.00
DESIGN / PERMITTING / MANAGEMENT / ENGINEERING:		\$100,000.00
CONTINGENCY:	25%	\$88,581.25
TOTAL COST* (SEE ASSUMPTIONS BELOW):		\$443,000.00

General Notes:

A. LF = Linear Feet, SF = Square Feet, EA = Each, LS = Lump Sum

*Assumptions:

1. May affect parking to accommodate the proposed bicycle facility.
2. Assumed ideal roadway conditions or no major restriping of existing lane configurations which would not require resurfacing the roadway, unless otherwise noted below.
3. Assumed bike lane pavement legend and roadside sign are installed every 500 ft.
4. Assumed additional roadway width would be provided via annexation or future planned development along the following roadway segments to accommodate the proposed bicycle facility:

- South side of 7th Street between Melena Lane and Cawston Avenue
- North and south side of 7th Street between Black Cherry Street and Sanderson Avenue
- North and south side of 7th Street between 650 feet east of Grassy Meadow Drive to Kirby Street
- North and south side of 7th Street between Kirby Street and Ivy Crest Drive
- South side of 7th Street between Ivy Crest Drive and Lyon Avenue
- North side of 7th Street between Lyon Avenue to Apache Street
- North and south side of 7th Street between Palm Avenue and Grand Avenue

5. Curb-to-curb constraint between the following roadway segments:

- Cawston Avenue and Black Cherry Street
- Santa Fe Avenue and San Jacinto Avenue
- Rejoice Lane/Las Rosas Drive and the North Mountain Middle School driveway

- Assumed Class III facility along constrained segment with shared lane pavement legend and roadside sign installed every 250 ft and 500 ft, respectively. To provide a consistent bicycle facility, widening and/or right-of-way acquisition would be needed.

6. Curb-to-curb available between Grand Avenue and Santa Fe Avenue, however major restriping to narrow lane widths/turn-lanes to 11~12 feet would be needed. Therefore, roadway resurfacing was assumed.

7. Curb-to-curb available between San Jacinto Avenue and Ramona Expressway (with the exception of the segment between Rejoice Lane/Las Rosas Drive and the North Mountain Middle School driveway) to provide buffered bike lane facility assuming 5-foot bike lane with 3-foot buffer.

8. Design, Permitting, Management, Engineering Cost is assumed to be the max of 1) 25% of Subtotal or 2) \$20k per mile, rounded up to the nearest \$5k.

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Jeremy Mempin, Transportation Engineer I
Trissa de Jesus Allen, PE, Senior Transportation Engineer

Date 10/5/2018

Project # 2-18-4002-1



Planning Level Cost Estimate for
 San Jacinto Trail Master Plan
 Bicycle Facility #2 - Class 3/Bike Boulevard
 Main Street from 7th Street to Ramona Expressway

ITEM NO.	DESCRIPTION (UNIT)	QUANTITY**	UNIT COST	ITEM COST
7	Construct Bike Boulevard (LF)	10350	\$30.00	\$310,500.00
SUB-TOTAL:				\$310,500.00
DESIGN / PERMITTING / MANAGEMENT / ENGINEERING:				\$77,625.00
CONTINGENCY: 25%				\$97,031.25
TOTAL COST* (SEE ASSUMPTIONS BELOW):				\$486,000.00

General Notes:

A. LF = Linear Feet, SF = Square Feet, EA = Each, LS = Lump Sum

*Assumptions:

1. Design, Permitting, Management, Engineering Cost is assumed to be the max of 1) 25% of Subtotal or 2) \$20k per mile, rounded up to the nearest \$5k.
2. Cost may vary substantially based on right-of-way acquisition, traffic calming measures, minor/major street crossings and other features.

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 Trissa de Jesus Allen, PE, Senior Transportation Engineer
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 Project # 2-18-4002-1



Planning Level Cost Estimate for
San Jacinto Trail Master Plan
Bicycle Facility #3 - Class 3/Bike Boulevard
Jordan Avenue from 1st Street to Shaver Street

ITEM NO.	DESCRIPTION (UNIT)	QUANTITY**	UNIT COST	ITEM COST
7	Construct Bike Boulevard (LF)	3525	\$30.00	\$105,750.00
SUB-TOTAL:				\$105,750.00
DESIGN / PERMITTING / MANAGEMENT / ENGINEERING:				\$26,437.50
CONTINGENCY: 25%				\$33,046.88
TOTAL COST* (SEE ASSUMPTIONS BELOW):				\$166,000.00

General Notes:

A. LF = Linear Feet, SF = Square Feet, EA = Each, LS = Lump Sum

*Assumptions:

1. Design, Permitting, Management, Engineering Cost is assumed to be the max of 1) 25% of Subtotal or 2) \$20k per mile, rounded up to the nearest \$5k.
2. Cost may vary substantially based on right-of-way acquisition, traffic calming measures, minor/major street crossings and other features.

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 Trissa de Jesus Allen, PE, Senior Transportation Engineer
 Date 10/5/2018
 Project # 2-18-4002-1

**LINSCOTT
LAW &
GREENSPAN**

engineers

**Planning Level Cost Estimate for
San Jacinto Trail Master Plan
Bicycle Facility #4 - Class 2
State Street from Soboba Road (northern city limit)
to 150-feet south of Crows Nest Place (southern city limit)**

ITEM NO.	DESCRIPTION (UNIT)	QUANTITY**	UNIT COST	ITEM COST
<u>Soboba Road to Record Road</u>				
2	Install Bike Lane Stripe (LF)	11250	\$1.00	\$11,250.00
4	Install Bike Lane Pavement Legend (EA)	10	\$180.00	\$1,800.00
1	Install Roadside Sign - One Post (EA)	10	\$300.00	\$3,000.00
<u>Record Road to College Entrance/Sagecrest Drive</u>				
2	Install Bike Lane Stripe (LF)	7875	\$1.00	\$7,875.00
4	Install Bike Lane Pavement Legend (EA)	7	\$180.00	\$1,260.00
1	Install Roadside Sign - One Post (EA)	10	\$300.00	\$3,000.00
3	Install Shared Lane Pavement Legend (EA)	5	\$180.00	\$900.00
<u>College Entrance/Sagecrest Drive to Ramona Expressway</u>				
2	Install Bike Lane Stripe (LF)	11375	\$1.00	\$11,375.00
4	Install Bike Lane Pavement Legend (EA)	10	\$180.00	\$1,800.00
1	Install Roadside Sign - One Post (EA)	11	\$300.00	\$3,300.00
3	Install Shared Lane Pavement Legend (EA)	2	\$180.00	\$360.00
<u>Ramona Expressway to Idyllwild Drive</u>				
1	Install Roadside Sign - One Post (EA)	2	\$300.00	\$600.00
3	Install Shared Lane Pavement Legend (EA)	5	\$180.00	\$900.00
<u>Idyllwild Drive to Ramona Boulevard</u>				
8	Remove Lane Stripe (LF)	7725	\$3.00	\$23,175.00
15	Remove Arrow Pavement Legend (EA)	5	\$40.00	\$200.00
20	Remove Word Pavement Legend (EA)	13	\$80.00	\$1,040.00
14	A.C. Slurry Seal (SF)	114000	\$0.60	\$68,400.00
21	Install Word Pavement Legend (EA)	13	\$150.00	\$1,950.00
16	Install Arrow Pavement Legend (EA)	5	\$100.00	\$500.00
13	Install Lane Stripe (LF)	7725	\$1.00	\$7,725.00
2	Install Bike Lane Stripe (LF)	3700	\$1.00	\$3,700.00
4	Install Bike Lane Pavement Legend (EA)	7	\$180.00	\$1,260.00
1	Install Roadside Sign - One Post (EA)	7	\$300.00	\$2,100.00
<u>Ramona Boulevard to De Anza Drive</u>				
8	Remove Lane Stripe (LF)	6440	\$3.00	\$19,320.00
15	Remove Arrow Pavement Legend (EA)	4	\$40.00	\$160.00
20	Remove Word Pavement Legend (EA)	16	\$80.00	\$1,280.00
14	A.C. Slurry Seal (SF)	100800	\$0.60	\$60,480.00
21	Install Word Pavement Legend (EA)	16	\$150.00	\$2,400.00
16	Install Arrow Pavement Legend (EA)	4	\$100.00	\$400.00
13	Install Lane Stripe (LF)	6440	\$1.00	\$6,440.00
2	Install Bike Lane Stripe (LF)	3220	\$1.00	\$3,220.00
4	Install Bike Lane Pavement Legend (EA)	6	\$180.00	\$1,080.00
1	Install Roadside Sign - One Post (EA)	6	\$300.00	\$1,800.00
<u>De Anza Drive to Cottonwood Avenue/Brinton Street</u>				
8	Remove Lane Stripe (LF)	2640	\$3.00	\$7,920.00
15	Remove Arrow Pavement Legend (EA)	4	\$40.00	\$160.00
20	Remove Word Pavement Legend (EA)	4	\$80.00	\$320.00
14	A.C. Slurry Seal (SF)	40000	\$0.60	\$24,000.00
21	Install Word Pavement Legend (EA)	4	\$150.00	\$600.00
16	Install Arrow Pavement Legend (EA)	4	\$100.00	\$400.00
13	Install Lane Stripe (LF)	2640	\$1.00	\$2,640.00
2	Install Bike Lane Stripe (LF)	1320	\$1.00	\$1,320.00
4	Install Bike Lane Pavement Legend (EA)	3	\$180.00	\$540.00
1	Install Roadside Sign - One Post (EA)	3	\$300.00	\$900.00
<u>Cottonwood Avenue/Brinton Street to 7th Street</u>				
8	Remove Lane Stripe (LF)	10200	\$3.00	\$30,600.00
15	Remove Arrow Pavement Legend (EA)	4	\$40.00	\$160.00
20	Remove Word Pavement Legend (EA)	12	\$80.00	\$960.00
14	A.C. Slurry Seal (SF)	160000	\$0.60	\$96,000.00
21	Install Word Pavement Legend (EA)	12	\$150.00	\$1,800.00
16	Install Arrow Pavement Legend (EA)	4	\$100.00	\$400.00

13	Install Lane Stripe (LF)	10200	\$1.00	\$10,200.00
2	Install Bike Lane Stripe (LF)	5100	\$1.00	\$5,100.00
4	Install Bike Lane Pavement Legend (EA)	10	\$180.00	\$1,800.00
1	Install Roadside Sign - One Post (EA)	10	\$300.00	\$3,000.00
7th Street to Esplanade Avenue				
8	Remove Lane Stripe (LF)	10200	\$3.00	\$30,600.00
15	Remove Arrow Pavement Legend (EA)	4	\$40.00	\$160.00
20	Remove Word Pavement Legend (EA)	8	\$80.00	\$640.00
14	A.C. Slurry Seal (SF)	158000	\$0.60	\$94,800.00
21	Install Word Pavement Legend (EA)	8	\$150.00	\$1,200.00
16	Install Arrow Pavement Legend (EA)	4	\$100.00	\$400.00
13	Install Lane Stripe (LF)	10200	\$1.00	\$10,200.00
2	Install Bike Lane Stripe (LF)	5100	\$1.00	\$5,100.00
4	Install Bike Lane Pavement Legend (EA)	10	\$180.00	\$1,800.00
1	Install Roadside Sign - One Post (EA)	10	\$300.00	\$3,000.00
Esplanade Avenue to 150-feet south of Crows Nest Place				
8	Remove Lane Stripe (LF)	6600	\$3.00	\$19,800.00
15	Remove Arrow Pavement Legend (EA)	2	\$40.00	\$80.00
14	A.C. Slurry Seal (SF)	94800	\$0.60	\$56,880.00
16	Install Arrow Pavement Legend (EA)	2	\$100.00	\$200.00
13	Install Lane Stripe (LF)	6600	\$1.00	\$6,600.00
2	Install Bike Lane Stripe (LF)	3300	\$1.00	\$3,300.00
4	Install Bike Lane Pavement Legend (EA)	7	\$180.00	\$1,260.00
1	Install Roadside Sign - One Post (EA)	7	\$300.00	\$2,100.00
SUB-TOTAL:				\$680,990.00
DESIGN / PERMITTING / MANAGEMENT / ENGINEERING:				\$170,247.50
CONTINGENCY: 25%				\$212,809.38
TOTAL COST* (SEE ASSUMPTIONS BELOW):				\$1,065,000.00

General Notes:

A. LF = Linear Feet, SF = Square Feet, EA = Each, LS = Lump Sum

*Assumptions:

- May affect parking to accommodate the proposed bicycle facility.
- Assumed ideal roadway conditions or no major restriping of existing lane configurations which would not require resurfacing the roadway, unless otherwise noted.
- Curb-to-curb constraint between the following roadway segments:
 - Quandt Ranch Road and College Entrance/Sagecrest Drive
 - East side of State Street between College Entrance/Sagecrest Drive and 500 ft south
 - Ramona Expressway to Idyllwild Drive

- Assumed Class III facility along constrained segment with shared lane pavement legend and roadside sign installed every 250 ft and 500 ft, respectively. To provide a consistent bicycle facility, widening and/or right-of-way acquisition would be needed.

- Curb-to-curb available, however major restriping to narrow lane widths/turn-lanes to 11 feet would be needed. Therefore, roadway resurfacing was assumed for the following roadway segments:

- Idyllwild Drive to Ramona Boulevard
- Ramona Boulevard to De Anza Drive
- De Anza Drive to Cottonwood Avenue/Brinton Street
- Cottonwood Avenue/Brinton Street to 7th Street
- 7th Street to Esplanade Avenue
- Esplanade Avenue to 150ft south of Crows Nest Place

- Curb-to-curb available between Saboba Road and Ramona Expressway (with the exception of the constraint segments identified in Assumption #2) to provide buffered bike lane facility assuming 5-foot bike lane with 3-foot buffer.

- Assumed bike lane pavement legend and roadside sign are installed every 500 ft.

- Design, Permitting, Management, Engineering Cost is assumed to be the max of 1) 25% of Subtotal or 2) \$20k per mile, rounded up to the nearest \$5k.

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Trissa de Jesus Allen, PE, Senior Transportation Engineer
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Project # 2-18-4002-1

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**Planning Level Cost Estimate for
San Jacinto Trail Master Plan
Bicycle Facility #5 - Class 2/Class 3
1st Street from Ramona Boulevard to Camino Los Banos**

ITEM NO.	DESCRIPTION (UNIT)	QUANTITY**	UNIT COST	ITEM COST
Ramona Boulevard to Pico Avenue				
2	Install Bike Lane Stripe (LF)	1840	\$1.00	\$1,840.00
4	Install Bike Lane Pavement Legend (EA)	4	\$180.00	\$720.00
1	Install Roadside Sign - One Post (EA)	4	\$300.00	\$1,200.00
Pico Avenue to Alessandro Avenue				
2	Install Bike Lane Stripe (LF)	7425	\$1.00	\$7,425.00
4	Install Bike Lane Pavement Legend (EA)	7	\$180.00	\$1,260.00
1	Install Roadside Sign - One Post (EA)	7	\$300.00	\$2,100.00
Cawston Avenue to Black Cherry Street				
3	Install Shared Lane Pavement Legend (EA)	21	\$180.00	\$3,780.00
1	Install Roadside Sign - One Post (EA)	11	\$300.00	\$3,300.00
Additional Traffic Calming Treatments				
	Traffic Circles (EA)	4	\$25,000.00	\$100,000.00
	Chicanes (EA)	2	\$10,000.00	\$20,000.00
SUB-TOTAL:				\$141,625.00
DESIGN / PERMITTING / MANAGEMENT / ENGINEERING:				\$35,406.25
CONTINGENCY: 25%				\$44,257.81
TOTAL COST* (SEE ASSUMPTIONS BELOW):				\$222,000.00

General Notes:

A. LF = Linear Feet, SF = Square Feet, EA = Each, LS = Lump Sum

*Assumptions:

1. May affect parking to accommodate the proposed bicycle facility.
2. Assumed bike lane pavement legend and roadside sign are installed every 500 ft.
3. Assumed ideal roadway conditions or no major restriping of existing lane configurations which would not require resurfacing the roadway.
4. Curb-to-curb available between Pico Avenue and Alessandro Avenue to provide buffered bike lane facility assuming 5-foot bike lane with 3-foot buffer.
5. Curb-to-curb constraint between the following roadway segments in order to maintain on-street parking adjacent to single-family residential homes:
 - Alessandro Avenue to Camino Los Banos

- Assumed Class III facility along constrained segment with shared lane pavement legend and roadside sign installed every 250 ft and 500 ft, respectively. To provide a consistent bicycle facility, widening and/or right-of-way acquisition would be needed.

6. Design, Permitting, Management, Engineering Cost is assumed to be the max of 1) 25% of Subtotal or 2) \$20k per mile, rounded up to the nearest \$5k.

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**Planning Level Cost Estimate for
San Jacinto Trail Master Plan
Bicycle Facility #6 - Class 1 (Multi-use Path)
Esplanade Avenue from Warren Road to Hewitt Avenue**

ITEM NO.	DESCRIPTION (UNIT)	QUANTITY**	UNIT COST	ITEM COST
6	Construct Multi-Use Paved Path (LF)	25100	\$100.00	\$2,510,000.00
SUB-TOTAL:				\$2,510,000.00
DESIGN / PERMITTING / MANAGEMENT / ENGINEERING:				\$627,500.00
CONTINGENCY: 25%				\$784,375.00
TOTAL COST* (SEE ASSUMPTIONS BELOW):				\$3,922,000.00

General Notes:

1. LF = Linear Feet, SF = Square Feet, EA = Each, LS = Lump Sum

*Assumptions:

1. Design, Permitting, Management, Engineering Cost is assumed to be the max of 1) 25% of Subtotal or 2) \$20k per mile, rounded up to the nearest \$5k.

2. Cost may vary substantially based on right-of-way acquisition, traffic calming measures, minor/major street crossings and other features.

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**Planning Level Cost Estimate for
San Jacinto Trail Master Plan
Bicycle Facility #7 - Class 2/Class 3
Santa Fe Avenue from Main Street to Menlo Avenue (southern city limits)**

ITEM NO.	DESCRIPTION (UNIT)	QUANTITY**	UNIT COST	ITEM COST
<u>Main Street to Esplanade Avenue</u>				
1	Install Roadside Sign - One Post (EA)	16	\$300.00	\$4,800.00
3	Install Shared Lane Pavement Legend (EA)	31	\$180.00	\$5,580.00
<u>Esplanade Avenue to Oakwood Street</u>				
2	Install Bike Lane Stripe (LF)	2540	\$1.00	\$2,540.00
4	Install Bike Lane Pavement Legend (EA)	5	\$180.00	\$900.00
1	Install Roadside Sign - One Post (EA)	5	\$300.00	\$1,500.00
<u>Oakwood Street to Menlo Avenue</u>				
2	Install Bike Lane Stripe (LF)	17775	\$1.00	\$17,775.00
4	Install Bike Lane Pavement Legend (EA)	16	\$180.00	\$2,880.00
1	Install Roadside Sign - One Post (EA)	16	\$300.00	\$4,800.00
<u>Additional Traffic Calming Treatments</u>				
	Traffic Circles (EA)	1	\$25,000.00	\$25,000.00
<u>Additional Pedestrian Improvements</u>				
	Install Sidewalks (SF)	14280	\$12.00	\$171,360.00
	Curb Ramps (EA)	3	\$3,200.00	\$9,600.00
	High-Visiblty Crosswalk, Continental (EA)	8	\$2,800.00	\$22,400.00
SUB-TOTAL:				\$269,135.00
DESIGN / PERMITTING / MANAGEMENT / ENGINEERING:				\$67,283.75
CONTINGENCY: 25%				\$84,104.69
TOTAL COST* (SEE ASSUMPTIONS BELOW):				\$421,000.00

General Notes:

A. LF = Linear Feet, SF = Square Feet, EA = Each, LS = Lump Sum

*Assumptions:

- May affect parking to accommodate the proposed bicycle facility.
- Assumed bike lane pavement legend and roadside sign are installed every 500 ft.
- Assumed ideal roadway conditions or no major restriping of existing lane configurations which would not require resurfacing the roadway.
- Curb-to-curb available between Oakwood Street to Menlo Avenue to provide buffered bike lane facility assuming 5-foot bike lane with 3-foot buffer. Existing on-street parking was also assumed to be eliminated with implementation of this improvement.
- Curb-to-curb constraint between the following roadway segments in order to maintain on-street parking adjacent to single-family residential homes:
 - Main Street to Esplanade Avenue

- Assumed Class III facility along constrained segment with shared lane pavement legend and roadside sign installed every 250 ft and 500 ft, respectively. To provide a consistent bicycle facility, widening and/or right-of-way acquisition would be needed.

6. Design, Permitting, Management, Engineering Cost is assumed to be the max of 1) 25% of Subtotal or 2) \$20k per mile, rounded up to the nearest \$5k.

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Planning Level Cost Estimate for
San Jacinto Trail Master Plan
Bicycle Facility #8 - Class 1 (Multi-use Path)
Hewitt Avenue from 7th Street to Park Avenue (southern city limits)

ITEM NO.	DESCRIPTION (UNIT)	QUANTITY**	UNIT COST	ITEM COST
6	Construct Multi-Use Paved Path (LF)	6250	\$100.00	\$625,000.00
SUB-TOTAL:				\$625,000.00
DESIGN / PERMITTING / MANAGEMENT / ENGINEERING:				\$156,250.00
CONTINGENCY: 25%				\$195,312.50
TOTAL COST* (SEE ASSUMPTIONS BELOW):				\$977,000.00

General Notes:

A. LF = Linear Feet, SF = Square Feet, EA = Each, LS = Lump Sum

*Assumptions:

1. Design, Permitting, Management, Engineering Cost is assumed to be the max of 1) 25% of Subtotal or 2) \$20k per mile, rounded up to the nearest \$5k.
2. Cost may vary substantially based on right-of-way acquisition, traffic calming measures, minor/major street crossings and other features.

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Planning Level Cost Estimate for
San Jacinto Trail Master Plan
Bicycle Facility #9 - Class 3/Bike Boulevard
Hewitt Avenue from Main Street to 7th Street

ITEM NO.	DESCRIPTION (UNIT)	QUANTITY**	UNIT COST	ITEM COST
7	Construct Bike Boulevard (LF)	1300	\$30.00	\$39,000.00
SUB-TOTAL:				\$39,000.00
DESIGN / PERMITTING / MANAGEMENT / ENGINEERING:				\$9,750.00
CONTINGENCY: 25%				\$12,187.50
TOTAL COST* (SEE ASSUMPTIONS BELOW):				\$61,000.00

General Notes:

A. LF = Linear Feet, SF = Square Feet, EA = Each, LS = Lump Sum

*Assumptions:

1. Design, Permitting, Management, Engineering Cost is assumed to be the max of 1) 25% of Subtotal or 2) \$20k per mile, rounded up to the nearest \$5k.
2. Cost may vary substantially based on right-of-way acquisition, traffic calming measures, minor/major street crossings and other features.

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**Planning Level Cost Estimate for
San Jacinto Trail Master Plan
Bicycle Facility #10 - Class 3/Bike Boulevard
Ramona Boulevard from Santa Fe Avenue to Main Street**

ITEM NO.	DESCRIPTION (UNIT)	QUANTITY**	UNIT COST	ITEM COST
7	Construct Bike Boulevard (LF)	1650	\$30.00	\$49,500.00
<u>Additional Traffic Calming Treatments</u>				
	Traffic Circles (EA)	1	\$25,000.00	\$25,000.00
	Chicanes (EA)	2	\$10,000.00	\$20,000.00
	Rectangular Rapid Flashing Beacon RRFB (EA)	4	\$22,250.00	\$89,000.00
<u>Additional Pedestrian Improvements</u>				
	Curb Extensions (EA)	8	\$30,000.00	\$240,000.00
	High-Visibility Crosswalk, Continental (EA)	10	\$2,800.00	\$28,000.00
SUB-TOTAL:				\$451,500.00
DESIGN / PERMITTING / MANAGEMENT / ENGINEERING:				\$112,875.00
CONTINGENCY: 25%				\$141,093.75
TOTAL COST* (SEE ASSUMPTIONS BELOW):				\$706,000.00

General Notes:

1. LF = Linear Feet, SF = Square Feet, EA = Each, LS = Lump Sum

*Assumptions:

- Design, Permitting, Management, Engineering Cost is assumed to be the max of 1) 25% of Subtotal or 2) \$20k per mile, rounded up to the nearest \$5k.
- Cost may vary substantially based on right-of-way acquisition, traffic calming measures, minor/major street crossings and other features.

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Planning Level Cost Estimate for
San Jacinto Trail Master Plan
Bicycle Facility #11 - Class 1/Equestrian
Flood Control Channel/EMWD from Ramona Expressway to State Street

ITEM NO.	DESCRIPTION (UNIT)	QUANTITY**	UNIT COST	ITEM COST
Ramona Expressway to Warren Road				
6	Construct Multi-Use Paved Path (LF)	20620	\$100.00	\$2,062,000.00
19	Construct Equestrian Trail (LF)	20620	\$12.00	\$247,440.00
Warren Road to Sanderson Avenue				
6	Construct Multi-Use Paved Path (LF)	8660	\$100.00	\$866,000.00
19	Construct Equestrian Trail (LF)	8660	\$12.00	\$103,920.00
Sanderson Avenue to Lyon Avenue				
6	Construct Multi-Use Paved Path (LF)	9300	\$100.00	\$930,000.00
19	Construct Equestrian Trail (LF)	9300	\$12.00	\$111,600.00
Lyon Avenue to Palm Avenue				
6	Construct Multi-Use Paved Path (LF)	4280	\$100.00	\$428,000.00
19	Construct Equestrian Trail (LF)	4280	\$12.00	\$51,360.00
Palm Avenue to State Street				
6	Construct Multi-Use Paved Path (LF)	2670	\$100.00	\$267,000.00
19	Construct Equestrian Trail (LF)	2670	\$12.00	\$32,040.00
SUB-TOTAL:				\$5,099,360.00
DESIGN / PERMITTING / MANAGEMENT / ENGINEERING:				\$1,274,840.00
CONTINGENCY: 25%				\$1,593,550.00
TOTAL COST* (SEE ASSUMPTIONS BELOW):				\$7,968,000.00

General Notes:

1. LF = Linear Feet, SF = Square Feet, EA = Each, LS = Lump Sum

*Assumptions:

- Design, Permitting, Management, Engineering Cost is assumed to be the max of 1) 25% of Subtotal or 2) \$20k per mile, rounded up to the nearest \$5k.
- Cost may vary substantially based on right-of-way acquisition, traffic calming measures, minor/major street crossings and other features.

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Project 12: Lyon Avenue Multi-use Path

Demolition				
Items	Unit Cost	Unit	QTY	Cost
Removing Traffic Stripes (Grinding Only)	\$2.00	LF	54,780	\$109,560
Demolition Totals:				\$109,560
Bicycling Facilities, Markings, and Signage				
Items	Unit Cost	Unit	QTY	Cost
Multi-use Path (Raised Curb)	\$100	LF	18,260	\$1,826,000
Regulatory Signs (Stop signs, etc)	\$350	EA	36	\$12,600
Signage Totals:				\$1,838,600
Road Striping				
Items	Unit Cost	Unit	QTY	Cost
Travel Lane Striping, Thinmill	\$0.60	LF	36,520	\$21,912
Centerline Striping Double Yellow with reflectors	\$1.50	LF	18,260	\$27,390
Crosswalk Striping, Continental, 12" Solid Thermoplastic	\$2,800	EA	26	\$72,800
Striping Totals:				\$122,102
Base Line Cost:				\$2,070,262
CONSTRUCTION COST				
Contingency (25%):				\$517,566
Bonding / Mobilization / Contractor Internal Management (10%):				\$207,026
Total Construction Cost:				\$724,592
DESIGN / MANAGEMENT / PERMITTING / ENGINEERING				
Engineering / Design (15%):				\$310,539
Environmental Clearance (5%):				\$103,513
Permitting (2%):				\$41,405
Bid Support Services (3%):				\$62,108
Project Management (5%):				\$103,513
Traffic Management Services (5%):				\$103,513
Total Soft Cost:				\$724,592
Planning-Level Estimated Cost:				\$3,519,445

Project 12: Cottonwood Avenue Multi-use Path

Demolition				
Items	Unit Cost	Unit	QTY	Cost
Removing Traffic Stripes (Grinding Only)	\$2.00	LF	56,400	\$112,800
Demolition Totals:				\$112,800
Landscape				
Items	Unit Cost	Unit	QTY	Cost
Trees (36" Box)	\$550	EA		\$0
Soil Prep	\$1	SF		\$0
Landscape Totals:				\$0
Bicycling Facilities, Markings, and Signage				
Items	Unit Cost	Unit	QTY	Cost
Multi-use Path (Raised Curb)	\$100	LF	18,800	\$1,880,000
Regulatory Signs (Stop signs, etc)	\$350	EA	32	\$11,200
Signage Totals:				\$1,891,200
Road Striping				
Items	Unit Cost	Unit	QTY	Cost
Travel Lane Striping, Thinmill	\$0.60	LF	37,600	\$22,560
Centerline Striping Double Yellow with reflectors	\$1.50	LF	18,800	\$28,200
Crosswalk Striping, Continental, 12" Solid Thermoplastic	\$2,800	EA	26	\$72,800
Striping Totals:				\$123,560
Base Line Cost:				\$2,127,560
CONSTRUCTION COST				
Contingency (25%):				\$531,890
Bonding / Mobilization / Contractor Internal Management (10%):				\$212,756
Total Construction Cost:				\$744,646
DESIGN / MANAGEMENT / PERMITTING / ENGINEERING				
Engineering / Design (15%):				\$319,134
Environmental Clearance (5%):				\$106,378
Permitting (2%):				\$42,551
Bid Support Services (3%):				\$63,827
Project Management (5%):				\$106,378
Traffic Management Services (5%):				\$106,378
Total Soft Cost:				\$744,646
Planning-Level Estimated Cost:				\$3,616,852

Project 13: Vernon Avenue Neighborhood Greenway

Paving					
Items	Unit Cost	Unit	QTY	Cost	
Curb Ramps	\$3,200	EA	2	\$6,400	
Truncated Dome	\$400.00	EA	8	\$3,200	
Paving Totals:				\$9,600	
Bicycling Facilities, Markings, and Signage					
Items	Unit Cost	Unit	QTY	Cost	
Pavement Markings (Arrows, School Xing, etc)	\$400	EA	4	\$1,600	
Regulatory Signs (Stop signs, etc)	\$350	EA	12	\$4,200	
Signage Totals:				\$5,800	
Road Striping					
Items	Unit Cost	Unit	QTY	Cost	
Crosswalk Striping, Continental, 12" Solid Thermoplastic	\$2,800	EA	8	\$22,400	
Striping Totals:				\$22,400	
Enhanced Safety Measures					
Items	Unit Cost	Unit	QTY	Cost	
Roundabout (with curb retrofits and raised diverters)	200,000.00	EA	1	\$200,000	
Speed Table	8,000.00	EA	2	\$16,000	
Chicane	10,000.00	EA	4	\$40,000	
Safety Measure Totals:				\$256,000	
Base Line Cost:				\$293,800	
CONSTRUCTION COST					
Contingency (25%):				\$73,450	
Bonding / Mobilization / Contractor Internal Management (10%):				\$29,380	
Total Construction Cost:				\$102,830	
DESIGN / MANAGEMENT / PERMITTING / ENGINEERING					
Engineering / Design (15%):				\$44,070	
Environmental Clearance (5%):				\$14,690	
Permitting (2%):				\$5,876	
Bid Support Services (3%):				\$8,814	
Project Management (5%):				\$14,690	
Traffic Management Services (5%):				\$14,690	
Total Soft Cost:				\$102,830	
Planning-Level Estimated Cost:				\$499,460	

Project 15: Ramona Expressway Multi-use Path

Bicycling Facilities, Markings, and Signage				
Items	Unit Cost	Unit	QTY	Cost
Multi-use Path (Raised Curb)	\$100	LF	35,600	\$3,560,000
Regulatory Signs (Stop signs, etc)	\$350	EA	90	\$31,500
Signage Totals:				\$3,591,500
Road Striping				
Items	Unit Cost	Unit	QTY	Cost
Crosswalk Striping, Continental, 12" Solid Thermoplastic	\$2,800	EA	28	\$78,400
Striping Totals:				\$78,400
Base Line Cost:				\$3,669,900
CONSTRUCTION COST				
Contingency (25%):				\$917,475
Bonding / Mobilization / Contractor Internal Management (10%):				\$366,990
Total Construction Cost:				\$1,284,465
DESIGN / MANAGEMENT / PERMITTING / ENGINEERING				
Engineering / Design (15%):				\$550,485
Environmental Clearance (5%):				\$183,495
Permitting (2%):				\$73,398
Bid Support Services (3%):				\$110,097
Project Management (5%):				\$183,495
Traffic Management Services (5%):				\$183,495
Total Soft Cost:				\$1,284,465
Planning-Level Estimated Cost:				\$6,238,830

Project 16: Ramona Boulevard Bike Lanes

Demolition				
Items	Unit Cost	Unit	QTY	Cost
Removing Traffic Stripes (Grinding Only)	\$2.00	LF	41,400	\$82,800
Demolition Totals:				\$82,800
Bicycling Facilities, Markings, and Signage				
Items	Unit Cost	Unit	QTY	Cost
Bike Lane Marking (MMA)	\$400	EA	92	\$36,800
Bike Lane, Solid 6" White Thinmill	\$1.00	LF	27,600	\$27,600
Regulatory Signs (Stop signs, etc)	\$350	EA	24	\$8,400
Signage Totals:				\$72,800
Road Striping				
Items	Unit Cost	Unit	QTY	Cost
Travel Lane Striping, Thinmill	\$0.60	LF	27,600	\$16,560
Centerline Striping Double Yellow with reflectors	\$1.50	LF	13,800	\$20,700
Striping Totals:				\$37,260
Base Line Cost:				\$192,860
CONSTRUCTION COST				
Contingency (25%):				\$48,215
Bonding / Mobilization / Contractor Internal Management (10%):				\$19,286
Total Construction Cost:				\$67,501
DESIGN / MANAGEMENT / PERMITTING / ENGINEERING				
Engineering / Design (15%):				\$28,929
Environmental Clearance (5%):				\$9,643
Permitting (2%):				\$3,857
Bid Support Services (3%):				\$5,786
Project Management (5%):				\$9,643
Traffic Management Services (5%):				\$9,643
Total Soft Cost:				\$67,501
Planning-Level Estimated Cost:				\$327,862

Project 17: Palm Avenue Bike Lanes

Demolition				
Items	Unit Cost	Unit	QTY	Cost
Removing Traffic Stripes (Grinding Only)	\$2.00	LF	16,800	\$33,600
Demolition Totals:				\$33,600
Bicycling Facilities, Markings, and Signage				
Items	Unit Cost	Unit	QTY	Cost
Bike Lane Marking (MMA)	\$400	EA	56	\$22,400
Bike Lane, Solid 6" White Thinmill	\$1.00	LF	16,800	\$16,800
Regulatory Signs (Stop signs, etc)	\$350	EA	20	\$7,000
Signage Totals:				\$46,200
Road Striping				
Items	Unit Cost	Unit	QTY	Cost
Centerline Striping Double Yellow with reflectors	\$1.50	LF	8,400	\$12,600
Striping Totals:				\$12,600
Base Line Cost:				\$92,400
CONSTRUCTION COST				
Contingency (25%):				\$23,100
Bonding / Mobilization / Contractor Internal Management (10%):				\$9,240
Total Construction Cost:				\$32,340
DESIGN / MANAGEMENT / PERMITTING / ENGINEERING				
Engineering / Design (15%):				\$13,860
Environmental Clearance (5%):				\$4,620
Permitting (2%):				\$1,848
Bid Support Services (3%):				\$2,772
Project Management (5%):				\$4,620
Traffic Management Services (5%):				\$4,620
Total Soft Cost:				\$32,340
Planning-Level Estimated Cost:				\$157,080

Project 18: Idyllwild Drive Bike Lanes

Demolition				
Items	Unit Cost	Unit	QTY	Cost
Removing Traffic Stripes (Grinding Only)	\$2.00	LF	11,600	\$23,200
Demolition Totals:				\$23,200
Bicycling Facilities, Markings, and Signage				
Items	Unit Cost	Unit	QTY	Cost
Bike Lane Marking (MMA)	\$400	EA	38	\$15,200
Bike Lane, Solid 6" White Thinmill	\$1.00	LF	11,600	\$11,600
Regulatory Signs (Stop signs, etc)	\$350	EA	14	\$4,900
Signage Totals:				\$31,700
Road Striping				
Items	Unit Cost	Unit	QTY	Cost
Centerline Striping Double Yellow with reflectors	\$1.50	LF	5,800	\$8,700
Striping Totals:				\$8,700
Base Line Cost:				\$63,600
CONSTRUCTION COST				
Contingency (25%):				\$15,900
Bonding / Mobilization / Contractor Internal Management (10%):				\$6,360
Total Construction Cost:				\$22,260
DESIGN / MANAGEMENT / PERMITTING / ENGINEERING				
Engineering / Design (15%):				\$9,540
Environmental Clearance (5%):				\$3,180
Permitting (2%):				\$1,272
Bid Support Services (3%):				\$1,908
Project Management (5%):				\$3,180
Traffic Management Services (5%):				\$3,180
Total Soft Cost:				\$22,260
Planning-Level Estimated Cost:				\$108,120

Project 19: Washington Avenue Neighborhood Greenway

Paving					
Items	Unit Cost	Unit	QTY	Cost	
Bulb-out/Curb Extension	\$30,000	EA	4	\$120,000	
Paving Totals:				\$120,000	
Bicycling Facilities, Markings, and Signage					
Items	Unit Cost	Unit	QTY	Cost	
Pavement Markings (Arrows, School Xing, etc)	\$400	EA	28	\$11,200	
Regulatory Signs (Stop signs, etc)	\$350	EA	18	\$6,300	
Signage Totals:				\$17,500	
Road Striping					
Items	Unit Cost	Unit	QTY	Cost	
Crosswalk Striping, Continental, 12" Solid Thermoplastic	\$2,800	EA	4	\$11,200	
Striping Totals:				\$11,200	
Enhanced Safety Measures					
Items	Unit Cost	Unit	QTY	Cost	
Mini Traffic circle (no curb retrofits)	25,000.00	EA	1	\$25,000	
Safety Measure Totals:				\$25,000	
Base Line Cost:				\$173,700	
CONSTRUCTION COST					
Contingency (25%):				\$43,425	
Bonding / Mobilization / Contractor Internal Management (10%):				\$17,370	
Total Construction Cost:				\$60,795	
DESIGN / MANAGEMENT / PERMITTING / ENGINEERING					
Engineering / Design (15%):				\$26,055	
Environmental Clearance (5%):				\$8,685	
Permitting (2%):				\$3,474	
Bid Support Services (3%):				\$5,211	
Project Management (5%):				\$8,685	
Traffic Management Services (5%):				\$8,685	
Total Soft Cost:				\$60,795	
Planning-Level Estimated Cost:				\$295,290	

Project 20: San Jacinto River Multi-use Path

Bicycling Facilities, Markings, and Signage				
Items	Unit Cost	Unit	QTY	Cost
Multi-use Path (Raised Curb)	\$100	LF	29,000	\$2,900,000
Signage Totals:				\$2,900,000
Base Line Cost:				\$2,900,000
CONSTRUCTION COST				
Contingency (25%):				\$725,000
Bonding / Mobilization / Contractor Internal Management (10%):				\$290,000
Total Construction Cost:				\$1,015,000
DESIGN / MANAGEMENT / PERMITTING / ENGINEERING				
Engineering / Design (15%):				\$435,000
Environmental Clearance (10%):				\$290,000
Permitting (2%):				\$58,000
Bid Support Services (3%):				\$87,000
Project Management (5%):				\$145,000
Traffic Management Services (5%):				\$145,000
Total Soft Cost:				\$1,160,000
Planning-Level Estimated Cost:				\$5,075,000

Project 21: San Jacinto Avenue Neighborhood Greenway

Bicycling Facilities, Markings, and Signage				
Items	Unit Cost	Unit	QTY	Cost
Pavement Markings (Arrows, School Xing, etc)	\$400	EA	18	\$7,200
Regulatory Signs (Stop signs, etc)	\$350	EA	14	\$4,900
Signage Totals:				\$12,100
Road Striping				
Items	Unit Cost	Unit	QTY	Cost
Crosswalk Striping, Continental, 12" Solid Thermoplastic	\$2,800	EA	6	\$16,800
Striping Totals:				\$16,800
Enhanced Safety Measures				
Items	Unit Cost	Unit	QTY	Cost
Mini Traffic circle (no curb retrofits)	25,000.00	EA	4	\$100,000
Speed Table	8,000.00	EA	8	\$64,000
Safety Measure Totals:				\$164,000
Base Line Cost:				\$192,900

CONSTRUCTION COST

Contingency (25%):	\$48,225
Bonding / Mobilization / Contractor Internal Management (10%):	\$19,290
Total Construction Cost:	\$67,515

DESIGN / MANAGEMENT / PERMITTING / ENGINEERING

Engineering / Design (15%):	\$28,935
Environmental Clearance (10%):	\$19,290
Permitting (2%):	\$3,858
Bid Support Services (3%):	\$5,787
Project Management (5%):	\$9,645
Traffic Management Services (5%):	\$9,645
Total Soft Cost:	\$77,160

Planning-Level Estimated Cost: **\$337,575**

Project 22: Las Rosas Drive Neighborhood Greenway

Paving				
Items	Unit Cost	Unit	QTY	Cost
Bulb-out/Curb Extension	\$30,000	EA	4	\$120,000
Paving Totals:				\$120,000
Road Striping				
Items	Unit Cost	Unit	QTY	Cost
Crosswalk Striping, Continental, 12" Solid Thermoplastic	\$2,800	EA	14	\$39,200
Striping Totals:				\$39,200
Enhanced Safety Measures				
Items	Unit Cost	Unit	QTY	Cost
Pedestrian Hybrid Beacon	144,000.00	EA	1	\$144,000
Speed Table	8,000.00	EA	4	\$32,000
Safety Measure Totals:				\$176,000
Base Line Cost:				\$335,200
CONSTRUCTION COST				
Contingency (25%):				\$83,800
Bonding / Mobilization / Contractor Internal Management (10%):				\$33,520
Total Construction Cost:				\$117,320
DESIGN / MANAGEMENT / PERMITTING / ENGINEERING				
Engineering / Design (15%):				\$50,280
Environmental Clearance (10%):				\$33,520
Permitting (2%):				\$6,704
Bid Support Services (3%):				\$10,056
Project Management (5%):				\$16,760
Traffic Management Services (5%):				\$16,760
Total Soft Cost:				\$134,080
Planning-Level Estimated Cost:				\$586,600

Project 23: Commonwealth Avenue Neighborhood Greenway

Bicycling Facilities, Markings, and Signage				
Items	Unit Cost	Unit	QTY	Cost
Pavement Markings (Arrows, School Xing, etc)	\$400	EA	13	\$5,200
Regulatory Signs (Stop signs, etc)	\$350	EA	20	\$7,000
Signage Totals:				\$12,200
Road Striping				
Items	Unit Cost	Unit	QTY	Cost
Crosswalk Striping, Continental, 12" Solid Thermoplastic	\$2,800	EA	11	\$30,800
Striping Totals:				\$30,800
Enhanced Safety Measures				
Items	Unit Cost	Unit	QTY	Cost
Traffic Signal	325,000.00	EA	1	\$325,000
Speed Table	8,000.00	EA	2	\$16,000
Chicane	10,000.00	EA	6	\$60,000
Safety Measure Totals:				\$401,000
Base Line Cost:				\$444,000
CONSTRUCTION COST				
Contingency (25%):				\$111,000
Bonding / Mobilization / Contractor Internal Management (10%):				\$44,400
Total Construction Cost:				\$155,400
DESIGN / MANAGEMENT / PERMITTING / ENGINEERING				
Engineering / Design (15%):				\$66,600
Environmental Clearance (10%):				\$44,400
Permitting (2%):				\$8,880
Bid Support Services (3%):				\$13,320
Project Management (5%):				\$22,200
Traffic Management Services (5%):				\$22,200
Total Soft Cost:				\$177,600
Planning-Level Estimated Cost:				\$777,000

Project 24: Shaver Street Neighborhood Greenway

Paving					
Items	Unit Cost	Unit	QTY	Cost	
Bulb-out/Curb Extension	\$30,000	EA	4	\$120,000	
Paving Totals:				\$120,000	
Bicycling Facilities, Markings, and Signage					
Items	Unit Cost	Unit	QTY	Cost	
Pavement Markings (Arrows, School Xing, etc)	\$400	EA	6	\$2,400	
Regulatory Signs (Stop signs, etc)	\$350	EA	8	\$2,800	
Signage Totals:				\$5,200	
Road Striping					
Items	Unit Cost	Unit	QTY	Cost	
Crosswalk Striping, Continental, 12" Solid Thermoplastic	\$2,800	EA	9	\$25,200	
Striping Totals:				\$25,200	
Enhanced Safety Measures					
Items	Unit Cost	Unit	QTY	Cost	
Mini Traffic circle (no curb retrofits)	25,000.00	EA	1	\$25,000	
Safety Measure Totals:				\$25,000	
Base Line Cost:				\$175,400	
				CONSTRUCTION COST	
Contingency (25%):				\$43,850	
Bonding / Mobilization / Contractor Internal Management (10%):				\$17,540	
Total Construction Cost:				\$61,390	
				DESIGN / MANAGEMENT / PERMITTING / ENGINEERING	
Engineering / Design (15%):				\$26,310	
Environmental Clearance (10%):				\$17,540	
Permitting (2%):				\$3,508	
Bid Support Services (3%):				\$5,262	
Project Management (5%):				\$8,770	
Traffic Management Services (5%):				\$8,770	
Total Soft Cost:				\$70,160	
Planning-Level Estimated Cost:				\$306,950	

Project 25: Arroyo Viejo Drive Neighborhood Greenway

Bicycling Facilities, Markings, and Signage				
Items	Unit Cost	Unit	QTY	Cost
Pavement Markings (Arrows, School Xing, etc)	\$400	EA	18	\$7,200
Regulatory Signs (Stop signs, etc)	\$350	EA	12	\$4,200
Signage Totals:				\$11,400
Road Striping				
Items	Unit Cost	Unit	QTY	Cost
Crosswalk Striping, Continental, 12" Solid Thermoplastic	\$2,800	EA	9	\$25,200
Striping Totals:				\$25,200
Enhanced Safety Measures				
Items	Unit Cost	Unit	QTY	Cost
Pedestrian Hybrid Beacon	130,000.00	EA	1	\$130,000
Enhanced Painted/Patterned Speed Table	\$25,000	EA	4	\$100,000
Safety Measure Totals:				\$230,000
Base Line Cost:				\$266,600
CONSTRUCTION COST				
Contingency (25%):				\$66,650
Bonding / Mobilization / Contractor Internal Management (10%):				\$26,660
Total Construction Cost:				\$93,310
DESIGN / MANAGEMENT / PERMITTING / ENGINEERING				
Engineering / Design (15%):				\$39,990
Environmental Clearance (10%):				\$26,660
Permitting (2%):				\$5,332
Bid Support Services (3%):				\$7,998
Project Management (5%):				\$13,330
Traffic Management Services (5%):				\$13,330
Total Soft Cost:				\$106,640
Planning-Level Estimated Cost:				\$466,550

Project 26: Sanderson Avenue Multi-use Path w/ Equestrian Trail

Bicycling Facilities, Markings, and Signage				
Items	Unit Cost	Unit	QTY	Cost
Multi-use Path (Raised Curb)	\$100	LF	22,500	\$2,250,000
Equestrian Trail (Stabilized DG)	\$12	LF	22,500	\$270,000
Regulatory Signs (Stop signs, etc)	\$350	EA	60	\$21,000
Signage Totals:				\$2,541,000
Road Striping				
Items	Unit Cost	Unit	QTY	Cost
Crosswalk Striping, Continental, 12" Solid Thermoplastic	\$2,800	EA	18	\$50,400
Striping Totals:				\$50,400
Enhanced Safety Measures				
Items	Unit Cost	Unit	QTY	Cost
Traffic Signal	325,000.00	EA	1	\$325,000
Safety Measure Totals:				\$325,000
Base Line Cost:				\$2,916,400

CONSTRUCTION COST

Contingency (25%):	\$729,100
Bonding / Mobilization / Contractor Internal Management (10%):	\$291,640
Total Construction Cost:	\$1,020,740

DESIGN / MANAGEMENT / PERMITTING / ENGINEERING

Engineering / Design (15%):	\$437,460
Environmental Clearance (10%):	\$291,640
Permitting (2%):	\$58,328
Bid Support Services (3%):	\$87,492
Project Management (5%):	\$145,820
Traffic Management Services (5%):	\$145,820
Total Soft Cost:	\$1,166,560

Planning-Level Estimated Cost: \$5,103,700

Project 27: Alessandro Avenue Multi-use Path

Bicycling Facilities, Markings, and Signage				
Items	Unit Cost	Unit	QTY	Cost
Multi-use Path (Raised Curb)	\$100	LF	7,900	\$790,000
Regulatory Signs (Stop signs, etc)	\$350	EA	14	\$4,900
Signage Totals:				\$794,900
Road Striping				
Items	Unit Cost	Unit	QTY	Cost
Crosswalk Striping, Continental, 12" Solid Thermoplastic	\$2,800	EA	1	\$2,800
Striping Totals:				\$2,800
Enhanced Safety Measures				
Items	Unit Cost	Unit	QTY	Cost
Traffic Signal	325,000.00	EA	1	\$325,000
Safety Measure Totals:				\$325,000
Base Line Cost:				\$1,122,700
CONSTRUCTION COST				
Contingency (25%):				\$280,675
Bonding / Mobilization / Contractor Internal Management (10%):				\$112,270
Total Construction Cost:				\$392,945
DESIGN / MANAGEMENT / PERMITTING / ENGINEERING				
Engineering / Design (15%):				\$168,405
Environmental Clearance (10%):				\$112,270
Permitting (2%):				\$22,454
Bid Support Services (3%):				\$33,681
Project Management (5%):				\$56,135
Traffic Management Services (5%):				\$56,135
Total Soft Cost:				\$449,080
Planning-Level Estimated Cost:				\$1,964,725

Project 28: Vernon Avenue Multi-use Path

Bicycling Facilities, Markings, and Signage				
Items	Unit Cost	Unit	QTY	Cost
Multi-use Path (Raised Curb)	\$100	LF	4,600	\$460,000
Regulatory Signs (Stop signs, etc)	\$350	EA	10	\$3,500
			Signage Totals:	\$463,500
Road Striping				
Items	Unit Cost	Unit	QTY	Cost
Crosswalk Striping, Continental, 12" Solid Thermoplastic	\$2,800	EA	2	\$5,600
			Striping Totals:	\$5,600
Base Line Cost:				\$469,100

CONSTRUCTION COST	
Contingency (25%):	\$117,275
Bonding / Mobilization / Contractor Internal Management (10%):	\$46,910
Total Construction Cost:	\$164,185

DESIGN / MANAGEMENT / PERMITTING / ENGINEERING	
Engineering / Design (15%):	\$70,365
Environmental Clearance (10%):	\$46,910
Permitting (2%):	\$9,382
Bid Support Services (3%):	\$14,073
Project Management (5%):	\$23,455
Traffic Management Services (5%):	\$23,455
Total Soft Cost:	\$187,640
Planning-Level Estimated Cost:	\$820,925

Project 29: Ramona Expressway Multi-use Path

Bicycling Facilities, Markings, and Signage				
Items	Unit Cost	Unit	QTY	Cost
Multi-use Path (Raised Curb)	\$100	LF	8,400	\$840,000
Regulatory Signs (Stop signs, etc)	\$350	EA	8	\$2,800
Signage Totals:				\$842,800
Road Striping				
Items	Unit Cost	Unit	QTY	Cost
Crosswalk Striping, Continental, 12" Solid Thermoplastic	\$2,800	EA	5	\$14,000
Striping Totals:				\$14,000
Base Line Cost:				\$856,800
CONSTRUCTION COST				
Contingency (25%):				\$214,200
Bonding / Mobilization / Contractor Internal Management (10%):				\$85,680
Total Construction Cost:				\$299,880
DESIGN / MANAGEMENT / PERMITTING / ENGINEERING				
Engineering / Design (15%):				\$128,520
Environmental Clearance (10%):				\$85,680
Permitting (2%):				\$17,136
Bid Support Services (3%):				\$25,704
Project Management (5%):				\$42,840
Traffic Management Services (5%):				\$42,840
Total Soft Cost:				\$342,720
Planning-Level Estimated Cost:				\$1,499,400

Project 30: Kirby Street Neighborhood Greenway and Multi-use Path

Paving					
Items	Unit Cost	Unit	QTY	Cost	
Sidewalk	\$12.00	SF	19,100	\$229,200	
Curb Ramps	\$3,200	EA	6	\$19,200	
Paving Totals:				\$248,400	
Bicycling Facilities, Markings, and Signage					
Items	Unit Cost	Unit	QTY	Cost	
Multi-use Path (Raised Curb)	\$100	LF	4,700	\$470,000	
Signage Totals:				\$470,000	
Enhanced Safety Measures					
Items	Unit Cost	Unit	QTY	Cost	
Roundabout (with curb retrofits and raised diverters)	200,000.00	EA	1	\$200,000	
Safety Measure Totals:				\$200,000	
Base Line Cost:				\$918,400	
				CONSTRUCTION COST	
Contingency (25%):				\$229,600	
Bonding / Mobilization / Contractor Internal Management (10%):				\$91,840	
Total Construction Cost:				\$321,440	
DESIGN / MANAGEMENT / PERMITTING / ENGINEERING					
Engineering / Design (15%):				\$137,760	
Environmental Clearance (10%):				\$91,840	
Permitting (2%):				\$18,368	
Bid Support Services (3%):				\$27,552	
Project Management (5%):				\$45,920	
Traffic Management Services (5%):				\$45,920	
Total Soft Cost:				\$367,360	
Planning-Level Estimated Cost:				\$1,607,200	

Project 31: De Anza Drive Neighborhood Greenway

Paving					
Items	Unit Cost	Unit	QTY	Cost	
Sidewalk	\$12.00	SF	2,000	\$24,000	
Bulb-out/Curb Extension	\$30,000	EA	4	\$120,000	
			Paving Totals:	\$144,000	
Bicycling Facilities, Markings, and Signage					
Items	Unit Cost	Unit	QTY	Cost	
Pavement Markings (Arrows, School Xing, etc)	\$400	EA	12	\$4,800	
Regulatory Signs (Stop signs, etc)	\$350	EA	8	\$2,800	
			Signage Totals:	\$7,600	
Road Striping					
Items	Unit Cost	Unit	QTY	Cost	
Crosswalk Striping, Continental, 12" Solid Thermoplastic	\$2,800	EA	4	\$11,200	
			Striping Totals:	\$11,200	
Enhanced Safety Measures					
Items	Unit Cost	Unit	QTY	Cost	
Mini Traffic circle (no curb retrofits)	25,000.00	EA	1	\$25,000	
Enhanced Painted/Patterned Speed Table	\$25,000	EA	3	\$75,000	
			Safety Measure Totals:	\$100,000	
				Base Line Cost:	\$262,800
				CONSTRUCTION COST	
				Contingency (25%):	\$65,700
Bonding / Mobilization / Contractor Internal Management (10%):				\$26,280	
Total Construction Cost:				\$91,980	
				DESIGN / MANAGEMENT / PERMITTING / ENGINEERING	
				Engineering / Design (15%):	\$39,420
				Environmental Clearance (10%):	\$26,280
				Permitting (2%):	\$5,256
				Bid Support Services (3%):	\$7,884
				Project Management (5%):	\$13,140
				Traffic Management Services (5%):	\$13,140
				Total Soft Cost:	\$105,120
Planning-Level Estimated Cost:				\$459,900	

Project 32: De Anza Drive Neighborhood Greenway

Bicycling Facilities, Markings, and Signage				
Items	Unit Cost	Unit	QTY	Cost
Pavement Markings (Arrows, School Xing, etc)	\$400	EA	12	\$4,800
Regulatory Signs (Stop signs, etc)	\$350	EA	12	\$4,200
Signage Totals:				\$9,000
Road Striping				
Items	Unit Cost	Unit	QTY	Cost
Crosswalk Striping, Continental, 12" Solid Thermoplastic	\$2,800	EA	7	\$19,600
Striping Totals:				\$19,600
Enhanced Safety Measures				
Items	Unit Cost	Unit	QTY	Cost
Rectangular Rapid Flashing Beacon/Pedestrian Signal	\$22,250	EA	4	\$89,000
Safety Measure Totals:				\$89,000
Base Line Cost:				\$117,600
CONSTRUCTION COST				
Contingency (25%):				\$29,400
Bonding / Mobilization / Contractor Internal Management (10%):				\$11,760
Total Construction Cost:				\$41,160
DESIGN / MANAGEMENT / PERMITTING / ENGINEERING				
Engineering / Design (15%):				\$17,640
Environmental Clearance (10%):				\$11,760
Permitting (2%):				\$2,352
Bid Support Services (3%):				\$3,528
Project Management (5%):				\$5,880
Traffic Management Services (5%):				\$5,880
Total Soft Cost:				\$47,040
Planning-Level Estimated Cost:				\$205,800

Project 33: Cawston Avenue Bike Lanes

Demolition				
Items	Unit Cost	Unit	QTY	Cost
Removing Traffic Stripes (Grinding Only)	\$2.00	LF	21,600	\$43,200
Demolition Totals:				\$43,200
Paving				
Items	Unit Cost	Unit	QTY	Cost
Sidewalk	\$12.00	SF	15,750	\$189,000
Curb Ramps	\$3,200	EA	3	\$9,600
Paving Totals:				\$198,600
Bicycling Facilities, Markings, and Signage				
Items	Unit Cost	Unit	QTY	Cost
Bike Lane Marking (MMA)	\$400	EA	32	\$12,800
Bike Lane, Solid 6" White Thinmill	\$1.00	LF	10,800	\$10,800
Regulatory Signs (Stop signs, etc)	\$350	EA	22	\$7,700
Signage Totals:				\$31,300
Road Striping				
Items	Unit Cost	Unit	QTY	Cost
Travel Lane Striping, Thinmill	\$0.60	LF	16,200	\$9,720
Centerline Striping Double Yellow with reflectors	\$1.50	LF	5,400	\$8,100
Crosswalk Striping, Continental, 12" Solid Thermoplastic	\$2,800	EA	8	\$22,400
Striping Totals:				\$40,220
Base Line Cost:				\$313,320
CONSTRUCTION COST				
Contingency (25%):				\$78,330
Bonding / Mobilization / Contractor Internal Management (10%):				\$31,332
Total Construction Cost:				\$109,662
DESIGN / MANAGEMENT / PERMITTING / ENGINEERING				
Engineering / Design (15%):				\$46,998
Environmental Clearance (10%):				\$31,332
Permitting (2%):				\$6,266
Bid Support Services (3%):				\$9,400
Project Management (5%):				\$15,666
Traffic Management Services (5%):				\$15,666
Total Soft Cost:				\$125,328
Planning-Level Estimated Cost:				\$548,310

Project 34: Warren Road Multi-use Path

Bicycling Facilities, Markings, and Signage				
Items	Unit Cost	Unit	QTY	Cost
Multi-use Path (Raised Curb)	\$100	LF	18,321	\$1,832,100
Signage Totals:				\$1,832,100
Road Striping				
Items	Unit Cost	Unit	QTY	Cost
Crosswalk Striping, Continental, 12" Solid Thermoplastic	\$2,800	EA	8	\$22,400
Striping Totals:				\$22,400
Enhanced Safety Measures				
Items	Unit Cost	Unit	QTY	Cost
Traffic Signal	325,000.00	EA	1	\$325,000
Safety Measure Totals:				\$325,000
Base Line Cost:				\$2,179,500
CONSTRUCTION COST				
Contingency (25%):				\$544,875
Bonding / Mobilization / Contractor Internal Management (10%):				\$217,950
Total Construction Cost:				\$762,825
DESIGN / MANAGEMENT / PERMITTING / ENGINEERING				
Engineering / Design (15%):				\$326,925
Environmental Clearance (10%):				\$217,950
Permitting (2%):				\$43,590
Bid Support Services (3%):				\$65,385
Project Management (5%):				\$108,975
Traffic Management Services (5%):				\$108,975
Total Soft Cost:				\$871,800
Planning-Level Estimated Cost:				\$3,814,125

Project 35: Young St Multi-use Path

Paving					
Items	Unit Cost	Unit	QTY	Cost	
Sidewalk	\$12.00	SF	6,490	\$77,880	
Curb Ramps	\$3,200	EA	1	\$3,200	
Paving Totals:				\$81,080	
Bicycling Facilities, Markings, and Signage					
Items	Unit Cost	Unit	QTY	Cost	
Multi-use Path (Raised Curb)	\$100	LF	1,298	\$129,800	
Signage Totals:				\$129,800	
Base Line Cost:				\$210,880	
CONSTRUCTION COST					
Contingency (25%):				\$52,720	
Bonding / Mobilization / Contractor Internal Management (10%):				\$21,088	
Total Construction Cost:				\$73,808	
DESIGN / MANAGEMENT / PERMITTING / ENGINEERING					
Engineering / Design (15%):				\$31,632	
Environmental Clearance (10%):				\$21,088	
Permitting (2%):				\$4,218	
Bid Support Services (3%):				\$6,326	
Project Management (5%):				\$10,544	
Traffic Management Services (5%):				\$10,544	
Total Soft Cost:				\$84,352	
Planning-Level Estimated Cost:				\$369,040	

Project 36: Lake Park Drive Bike Lanes

Demolition				
Items	Unit Cost	Unit	QTY	Cost
Removing Traffic Stripes (Grinding Only)	\$2.00	LF	11,505	\$23,010
Demolition Totals:				\$23,010
Paving				
Items	Unit Cost	Unit	QTY	Cost
Sidewalk	\$12.00	SF	30,090	\$361,080
Curb Ramps	\$3,200	EA	3	\$9,600
Paving Totals:				\$370,680
Bicycling Facilities, Markings, and Signage				
Items	Unit Cost	Unit	QTY	Cost
Bike Lane Marking (MMA)	\$400	EA	20	\$8,000
Bike Lane, Solid 6" White Thinmill	\$1.00	LF	7,670	\$7,670
Regulatory Signs (Stop signs, etc)	\$350	EA	8	\$2,800
Signage Totals:				\$18,470
Road Striping				
Items	Unit Cost	Unit	QTY	Cost
Crosswalk Striping, Continental, 12" Solid Thermoplastic	\$2,800	EA	6	\$16,800
Striping Totals:				\$16,800
Base Line Cost:				\$428,960
CONSTRUCTION COST				
Contingency (20%):				\$85,792
Bonding / Mobilization / Contractor Internal Management (10%):				\$42,896
Total Construction Cost:				\$128,688
DESIGN / MANAGEMENT / PERMITTING / ENGINEERING				
Engineering / Design (12%):				\$51,475
Environmental Clearance (10%):				\$42,896
Permitting (2%):				\$8,579
Bid Support Services (3%):				\$12,869
Project Management (5%):				\$21,448
Traffic Management Services (5%):				\$21,448
Total Soft Cost:				\$158,715
Planning-Level Estimated Cost:				\$716,363

Project 37: Flood Control / Open Space Multi-use Path

Bicycling Facilities, Markings, and Signage				
Items	Unit Cost	Unit	QTY	Cost
Multi-use Path (Raised Curb)	\$100	LF	5,808	\$580,800
Signage Totals:				\$580,800
Base Line Cost:				\$580,800
CONSTRUCTION COST				
Contingency (20%):				\$116,160
Bonding / Mobilization / Contractor Internal Management (10%):				\$58,080
Total Construction Cost:				\$174,240
DESIGN / MANAGEMENT / PERMITTING / ENGINEERING				
Engineering / Design (12%):				\$69,696
Environmental Clearance (10%):				\$58,080
Permitting (2%):				\$11,616
Bid Support Services (3%):				\$17,424
Project Management (5%):				\$29,040
Traffic Management Services (5%):				\$29,040
Total Soft Cost:				\$214,896
Planning-Level Estimated Cost:				\$969,936

Project 38: Flood Control / EMWD Multi-use Path

Bicycling Facilities, Markings, and Signage				
Items	Unit Cost	Unit	QTY	Cost
Multi-use Path (Raised Curb)	\$100	LF	4,515	\$451,500
Signage Totals:				\$451,500
Road Striping				
Items	Unit Cost	Unit	QTY	Cost
Crosswalk Striping, Continental, 12" Solid Thermoplastic	\$2,800	EA	1	\$2,800
Striping Totals:				\$2,800
Enhanced Safety Measures				
Items	Unit Cost	Unit	QTY	Cost
Rectangular Rapid Flashing Beacon/Pedestrian Signal	\$22,250	EA	2	\$44,500
Safety Measure Totals:				\$44,500
Base Line Cost:				\$498,800
CONSTRUCTION COST				
Contingency (20%):				\$99,760
Bonding / Mobilization / Contractor Internal Management (10%):				\$49,880
Total Construction Cost:				\$149,640
DESIGN / MANAGEMENT / PERMITTING / ENGINEERING				
Engineering / Design (12%):				\$59,856
Environmental Clearance (10%):				\$49,880
Permitting (2%):				\$9,976
Bid Support Services (3%):				\$14,964
Project Management (5%):				\$24,940
Traffic Management Services (5%):				\$24,940
Total Soft Cost:				\$184,556
Planning-Level Estimated Cost:				\$832,996

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APPENDIX C: FEASIBILITY ANALYSIS



Ranking	Corridor	From Street	To Street	Curb Travel	Travel/Turn	Parking	Striped Median/Center-Left Turn Lane (ft.)	Raised Median (feet)
1	7TH St	Palm Ave	Grand Ave	2	0	0	0	0
1	7TH St	Midblock	Winners Cir	2	0	0	0	0
1	7TH St	Winners Cir	Kirby St	2	0	0	0	0
1	7TH St	Kirby St	Winding Trl	2	0	0	0	0
1	7TH St	Black Cherry St	Sanderson Ave	2	0	0	0	0
1	7TH St	Camino Los Banos	Cecelia Dr	2	0	1	0	0
1	7TH St	Mistletoe Ave	Hewitt St	2	0	2	0	0
1	7TH St	Cecelia Dr	Salam Pl	2	0	2	0	0
1	7TH St	Margarita St	Camino Los Banos	2	0	1	0	0
1	7TH St	Donna Way	Mountain Ave	2	0	0	0	0
1	7TH St	Minor St	Mistletoe Ave	2	0	2	0	0
1	7TH St	Jordan Ave	Midblock	2	0	2	0	0
1	7TH St	Donna Way	Mountain Ave	0	0	0	0	0
1	7TH St	Midblock	Minor St	2	0	1	0	0
1	7TH St	Camino Los Banos	Camino Los Banos	2	0	1	0	0
1	7TH St	Kellam Ave	Main St	2	0	0	0	0
1	7TH St	Victoria Ave	Santa Fe Ave	2	0	1	0	0
1	7TH St	White Oak St	Black Cherry St	2	1	0	11	0
1	7TH St	Karpick St	Cawston Ave	2	0	1	14	0
1	7TH St	Ash St	Dillon Ave	2	0	1	0	0
1	7TH St	Grand Ave	Humane Way	2	0	0	12	0
1	7TH St	Wild Cactus Dr	Karpick St	2	0	0	0	4
1	7TH St	Melena Ln	Wild Cactus Dr	2	0	0	4.5	0
1	7TH St	Class I	Polzin Way	2	0	1	13	0
1	7TH St	Midblock	Melena Ln	2	1	0	0	0
1	7TH St	State St	Kellam Ave	2	1	0	0	0
1	7TH St	Groveside Dr	Midblock	2	0	2	0	0
1	7TH St	Overton Dr	Pine Ave	2	0	0	13	0
1	7TH St	Main St	Ash St	2	10	0	0	0
1	7TH St	Dillon Ave	Victoria Ave	2	0	1	0	0
1	7TH St	Polzin Way	Apache St	2	0	0	12	0
1	7TH St	Lyon Ave	Overton Dr	2	0	1	10	0
1	7TH St	Humane Way	State St	2	0	1	12	0

Class I Multi-use Path (12 ft.)	Class II Bike Lanes (2 x 5 ft.)	Class II Buffered Lanes (2 x 8 ft. 5' bike lane + 2' buffer)	Class IV Cycle Track (2x8 ft. One-way 5' bike lane + 3' buffer)	Required Width (ft) Class I	Required Width (ft) CLASS II	Required Width (ft) Cycle Track	Existing Width (ft)	GP Full Build Out Sidewalk to Sidewalk	Delta (CLASS I)	Delta CLASS II	Delta (Cycle Track)	Delta CLASS II w/ GP Build Out (Sidewalk to Sidewalk)	Proposed Project Type
12	10	14	16	34	32	38	20	76	-14	-12	-18		II
12	10	14	16	34	32	38	23	76	-11	-9	-15	44	II
12	10	14	16	34	32	38	24	76	-10	-8	-14	44	II
12	10	14	16	34	32	38	25	76	-9	-7	-13	44	II
12	10	14	16	34	32	38	30	76	-4	-2	-8	44	II
12	10	14	16	42	40	46	37	76	-5	-3	-9	36	II
12	10	14	16	50	48	54	39	76	-11	-9	-15	28	II
12	10	14	16	50	48	54	39	76	-11	-9	-15	28	II
12	10	14	16	42	40	46	39	76	-3	-1	-7	36	II
12	10	14	16	34	32	38	40	76	6	8	2	44	II
12	10	14	16	50	48	54	40	76	-10	-8	-14	28	II
12	10	14	16	50	48	54	40	76	-10	-8	-14	28	II
12	10	14	16	12	10	16	40	76	28	30	24	66	II
12	10	14	16	42	40	46	40	76	-2	0	-6	36	II
12	10	14	16	42	40	46	40	76	-2	0	-6	36	II
12	10	14	16	34	32	38	41	76	7	9	3	44	II
12	10	14	16	42	40	46	42	76	0	2	-4	36	II
12	10	14	16	55	53	59	42	76	-13	-11	-17	23	II
12	10	14	16	56	54	60	43	76	-13	-11	-17	22	II
12	10	14	16	42	40	46	43	76	1	3	-3	36	II
12	10	14	16	46	44	50	43	76	-3	-1	-7	32	II
12	10	14	16	38	36	42	44	76	6	8	2	40	II
12	10	14	16	38.5	36.5	43	44	76	6	8	2	40	II
12	10	14	16	55	53	59	44	76	-11	-9	-15	23	II
12	10	14	16	44	42	48	44	76	0	2	-4	34	II
12	10	14	16	44	42	48	44	76	0	2	-4	34	II
12	10	14	16	50	48	54	44	76	-6	-4	-10	28	II
12	10	14	16	47	45	51	44	76	-3	-1	-7	31	II
12	10	14	16	134	132	138	45	76	-89	-87	-93	-56	II
12	10	14	16	42	40	46	45	76	3	5	-1	36	II
12	10	14	16	46	44	50	45	76	-1	1	-5	32	II
12	10	14	16	52	50	56	45	76	-7	-5	-11	26	II
12	10	14	16	54	52	58	45	76	-9	-7	-13	24	II

Ranking	Corridor	From Street	To Street	Curb Travel	Travel/Turn	Parking	Striped Median/Center-Left Turn Lane (ft.)	Raised Median (feet)
1	7TH St	Foxglen Dr	Lyon Ave	2	0	0	12	0
1	7TH St	Grand Ave	Humane Way	2	0	0	11	0
1	7TH St	Cawston Ave	White Oak St	2	1	0	12	0
1	7TH St	Stella Ln	Ivy Crest Dr	2	0	0	0	0
1	7TH St	Ivy Crest Dr	Foxglen Dr	2	0	0	12	0
1	7TH St	Las Rosas Dr	Donna Way	2	0	0	0	0
1	7TH St	Grassy Meadow Dr	Midblock	2	0	1	20	0
1	7TH St	Sanderson Ave	Grassy Meadow Dr	2	1	1	11	0
1	7TH St	Vernon Ave	Andrews Ave	2	1	0	0	0
1	7TH St	Rosario Ave	Margarita St	2	0	1	0	0
1	7TH St	Hewitt St	Vernon Ave	2	0	2	0	0
1	7TH St	Soboba Ave	Rosario Ave	2	0	2	0	0
1	7TH St	Andrews Ave	Soboba Ave	2	0	2	0	0
1	7TH St	Salam Pl	Las Rosas Dr	2	2	0	0	0
1	7TH St	Estudillo Ave	Pico Ave	2	2	0	12	0
1	7TH St	Santa Fe Ave	San Marcos Pl	2	1	0	11	0
1	7TH St	San Marcos Pl	Estudillo Ave	2	2	0	11	0
1	7TH St	San Jacinto Ave	Jordan Ave	2	0	2	0	0
1	7TH St	Apache St	Palm Ave	2	0	0	13	0
1	7TH St	Pico Ave	San Jacinto Ave	2	2	0	12	0
1	7TH St	Winding Trl	Stella Ln	2	0	0	0	0
2	Main St	San Jacinto Ave	Sheriff Ave	2	0	2	0	0
2	Main St	Brinton St	Main St	2	0	2	0	0
2	Main St	Dillon Ave	Victoria Ave	2	0	2	0	0
2	Main St	5Th St	Brinton St	2	0	2	0	0
2	Main St	Victoria Ave	5Th St	2	0	2	0	0
2	Main St	Main St	De Anza Dr	2	0	2	0	0
2	Main St	7Th St	Dillon Ave	2	0	2	0	0
2	Main St	De Anza Dr	Brown St	2	0	2	0	0
2	Main St	Main St	De Anza Dr	2	0	1	0	0
2	Main St	Estudillo Ave	Pico Ave	2	0	2	0	0
2	Main St	Brown St	Santa Fe Ave	2	0	2	0	0
2	Main St	Santa Fe Ave	Estudillo Ave	2	0	2	0	0
2	Main St	Alessandro Ave	Athol St	2	0	2	12	0

Class I Multi-use Path (12 ft.)	Class II Bike Lanes (2 x 5 ft.)	Class II Buffered Lanes (2 x 8 ft. 5' bike lane + 2' buffer)	Class IV Cycle Track (2x8 ft. One-way 5' bike lane + 3' buffer)	Required Width (ft) Class I	Required Width (ft) CLASS II	Required Width (ft) Cycle Track	Existing Width (ft)	GP Full Build Out Sidewalk to Sidewalk	Delta (CLASS I)	Delta CLASS II	Delta (Cycle Track)	Delta CLASS II w/ GP Build Out (Sidewalk to Sidewalk)	Proposed Project Type
12	10	14	16	46	44	50	45	76	-1	1	-5	32	II
12	10	14	16	45	43	49	45	76	0	2	-4	33	II
12	10	14	16	56	54	60	46	76	-10	-8	-14	22	II
12	10	14	16	34	32	38	46	76	12	14	8	44	II
12	10	14	16	46	44	50	46	76	0	2	-4	32	II
12	10	14	16	34	32	38	48	76	14	16	10	44	II
12	10	14	16	62	60	66	50	76	-12	-10	-16	16	II
12	10	14	16	63	61	67	50	76	-13	-11	-17	15	II
12	10	14	16	44	42	48	50	76	6	8	2	34	II
12	10	14	16	42	40	46	51	76	9	11	5	36	II
12	10	14	16	50	48	54	51	76	1	3	-3	28	II
12	10	14	16	50	48	54	51	76	1	3	-3	28	II
12	10	14	16	50	48	54	51	76	1	3	-3	28	II
12	10	14	16	54	52	58	52	76	-2	0	-6	24	II
12	10	14	16	66	64	70	55	76	-11	-9	-15	12	II
12	10	14	16	55	53	59	56	76	1	3	-3	23	II
12	10	14	16	65	63	69	56	76	-9	-7	-13	13	II
12	10	14	16	50	48	54	60	76	10	12	6	28	II
12	10	14	16	47	45	51	61	76	14	16	10	31	II
12	10	14	16	66	64	70	62	76	-4	-2	-8	12	II
12	10	14	16	34	32	38	64	76	30	32	26	44	II
12	10	14	16	50	48	54	24	76	-26	-24	-30	28	III
12	10	14	16	50	48	54	38	56	-12	-10	-16	8	III
12	10	14	16	50	48	54	39	56	-11	-9	-15	8	III
12	10	14	16	50	48	54	39	56	-11	-9	-15	8	III
12	10	14	16	50	48	54	39	56	-11	-9	-15	8	III
12	10	14	16	50	48	54	40	56	-10	-8	-14	8	III
12	10	14	16	50	48	54	40	56	-10	-8	-14	8	III
12	10	14	16	50	48	54	41	56	-9	-7	-13	8	III
12	10	14	16	42	40	46	42	56	0	2	-4	16	III
12	10	14	16	50	48	54	42	56	-8	-6	-12	8	III
12	10	14	16	50	48	54	42	56	-8	-6	-12	8	III
12	10	14	16	50	48	54	42	56	-8	-6	-12	8	III
12	10	14	16	62	60	66	49	76	-13	-11	-17	16	III

Ranking	Corridor	From Street	To Street	Curb Travel	Travel/Turn	Parking	Striped Median/Center-Left Turn Lane (ft.)	Raised Median (feet)
2	Main St	Jordan Ave	Alessandro Ave	2	0	2	12	0
2	Main St	Sheriff Ave	Jordan Ave	2	0	2	0	17
2	Main St	Athol St	Mistletoe Ave	2	0	2	13	0
2	Main St	Miracle Dr	Ramona Expy	2	1	0	13	0
2	Main St	Camino Los Banos	Miracle Dr	2	1	0	13	0
2	Main St	Pico Ave	San Jacinto Ave	2	0	1	0	0
2	Main St	Rosario Ave	Camino Los Banos	2	0	2	12	0
2	Main St	Hewitt St	Vernon Ave	2	0	2	12	0
2	Main St	Mistletoe Ave	Hewitt St	2	0	2	13	0
2	Main St	Vernon Ave	Rosario Ave	2	0	2	12	0
3	Jordan Ave	2Nd St	3Rd St	2	0	2	0	0
3	Jordan Ave	Mead St	2Nd St	2	0	2	0	0
3	Jordan Ave	1St St	Mead St	2	0	2	0	0
3	Jordan Ave	3Rd St	Main St	2	0	2	0	0
3	Jordan Ave	6Th St	7Th St	2	0	2	0	0
3	Jordan Ave	5Th St	6Th St	2	0	2	0	0
3	Jordan Ave	Main St	5Th St	2	0	2	0	0
3	Jordan Ave	Santo Dr	Oakhurst Dr	2	0	2	0	0
3	Jordan Ave	7Th St	Santo Dr	2	0	2	0	0
3	Jordan Ave	Oakhurst Dr	Shaver St	2	0	2	0	0
4	State St	Country Lake Dr	Quandt Ranch Rd	2	0	0	0	0
4	State St	Record Rd	Country Lake Dr	2	0	0	0	0
4	State St	Mccallister Rd	Record Rd	2	0	0	0	0
4	State St	Class I	Proposed Road	2	0	0	0	0
4	State St	Quandt Ranch Rd	Sagecrest Dr	2	0	0	0	0
4	State St	Sagecrest Dr	Community College Dr	2	1	0	0	0
4	State St	Driveway	7Th St	2	2	0	12	0
4	State St	Class I	Esplanade Ave	2	2	0	13	0
4	State St	Ramona Expy	Idyllwild Dr	2	3	0	0	0
4	State St	Scovell Ave	Driveway	2	2	0	12	0
4	State St	Dillon Ave	Scovell Ave	2	2	0	13	0
4	State St	Brinton St	Victoria Ave	2	2	0	14	0
4	State St	Idyllwild Dr	Porterfield Dr	2	2	0	13	0
4	State St	Idyllwild Dr	Porterfield Dr	2	2	0	13	0

Class I Multi-use Path (12 ft.)	Class II Bike Lanes (2 x 5 ft.)	Class II Buffered Lanes (2 x 8 ft. 5' bike lane + 2' buffer)	Class IV Cycle Track (2x8 ft. One-way 5' bike lane + 3' buffer)	Required Width (ft) Class I	Required Width (ft) CLASS II	Required Width (ft) Cycle Track	Existing Width (ft)	GP Full Build Out Sidewalk to Sidewalk	Delta (CLASS I)	Delta CLASS II	Delta (Cycle Track)	Delta CLASS II w/ GP Build Out (Sidewalk to Sidewalk)	Proposed Project Type
12	10	14	16	62	60	66	50	76	-12	-10	-16	16	III
12	10	14	16	67	65	71	52	76	-15	-13	-19	11	III
12	10	14	16	63	61	67	52	76	-11	-9	-15	15	III
12	10	14	16	57	55	61	52	76	-5	-3	-9	21	III
12	10	14	16	57	55	61	52	76	-5	-3	-9	21	III
12	10	14	16	42	40	46	54	56	12	14	8	16	III
12	10	14	16	62	60	66	62	76	0	2	-4	16	III
12	10	14	16	62	60	66	63	76	1	3	-3	16	III
12	10	14	16	63	61	67	63	76	0	2	-4	15	III
12	10	14	16	62	60	66	64	76	2	4	-2	16	III
12	10	14	16	50	48	54	26	48	-24	-22	-28	0	III
12	10	14	16	50	48	54	26	48	-24	-22	-28	0	III
12	10	14	16	50	48	54	26	48	-24	-22	-28	0	III
12	10	14	16	50	48	54	33	49	-17	-15	-21	1	III
12	10	14	16	50	48	54	36	48	-14	-12	-18	0	III
12	10	14	16	50	48	54	36	48	-14	-12	-18	0	III
12	10	14	16	50	48	54	36	48	-14	-12	-18	0	III
12	10	14	16	50	48	54	40	51	-10	-8	-14	3	III
	10	14	16	38	48	54	40	52	2	-8	-14	4	III
	10	14	16	38	48	54	40	51	2	-8	-14	3	III
12	10	14	16	34	32	38	31	88	-3	-1	-7	56	IIB
12	10	14	16	34	32	38	31	88	-3	-1	-7	56	IIB
12	10	14	16	34	32	38	39	88	5	7	1	56	IIB
12	10	14	16	34	32	38	41	88	7	9	3	56	IIB
12	10	14	16	34	32	38	56	88	22	24	18	56	IIB
12	10	14	16	44	42	48	60	88	16	18	12	46	IIB
12	10	14	16	66	64	70	61	88	-5	-3	-9	24	IIB
12	10	14	16	67	65	71	62	88	-5	-3	-9	23	IIB
12	10	14	16	64	62	68	62	88	-2	0	-6	26	IIB
12	10	14	16	66	64	70	62	88	-4	-2	-8	24	IIB
12	10	14	16	67	65	71	63	88	-4	-2	-8	23	IIB
12	10	14	16	68	66	72	63	88	-5	-3	-9	22	IIB
12	10	14	16	67	65	71	63	88	-4	-2	-8	23	IIB
12	10	14	16	67	65	71	63	88	-4	-2	-8	23	IIB

Ranking	Corridor	From Street	To Street	Curb Travel	Travel/Turn	Parking	Striped Median/Center-Left Turn Lane (ft.)	Raised Median (feet)
4	State St	7Th St	9Th St	2	2	0	12	0
4	State St	9Th St	Class I	2	2	0	13	0
4	State St	Porterfield Dr	De Anza Dr	2	2	0	13	0
4	State St	De Anza Dr	Brinton St	2	2	0	13	0
4	State St	Victoria Ave	Dillon Ave	2	2	0	13	0
4	State St	Esplanade Ave	Crows Nest Pl	2	2	0	13	0
4	State St	Community College Dr	Ramona Expy	2	2	0	0	13
5	1St St	Ramona Blvd	Estudillo Ave	2	0	1	0	0
5	1St St	Estudillo Ave	Pico Ave	2	0	0	0	0
5	1St St	Vernon Ave	Camino Los Banos	2	0	2	0	0
5	1St St	Mistletoe Ave	Mead St	2	0	2	0	0
5	1St St	Alessandro Ave	Mistletoe Ave	2	0	2	0	0
5	1St St	Mead St	Vernon Ave	2	0	2	0	0
5	1St St	Algona Ave	Alessandro Ave	2	0	2	0	0
5	1St St	Jordan Ave	Algona Ave	2	0	2	0	0
5	1St St	San Jacinto Ave	Sheriff Ave	2	0	2	0	0
5	1St St	Sheriff Ave	Jordan Ave	2	0	2	0	0
5	1St St	Pico Ave	San Jacinto Ave	2	0	2	0	0
6	Esplanade Ave	Warren Rd	Alabaster Ave	2	0	0	0	0
6	Esplanade Ave	Cawston Ave	Sanderson Ave	2	0	0	0	0
6	Esplanade Ave	Pine Ave	Isaacs Pl	2	0	0	10	0
6	Esplanade Ave	Cinnabar Ave	Cawston Ave	2	0	0	0	0
6	Esplanade Ave	Isaacs Pl	Palm Ave	2	0	0	0	0
6	Esplanade Ave	Cooper Beech Pl	Kirby St	2	0	0	0	0
6	Esplanade Ave	Kirby St	Lyon Ave	2	0	0	0	0
6	Esplanade Ave	Alabaster Ave	Cinnabar Ave	2	0	1	0	0
6	Esplanade Ave	Sanderson Ave	Heron Way	2	1	0	0	12
6	Esplanade Ave	Heron Way	Cooper Beech Pl	2	1	0	12	0
6	Esplanade Ave	Lyon Ave	Pine Ave	2	1	0	14	0
6	Esplanade Ave	Palm Ave	Palm Ave	2	2	0	0	0
6	Esplanade Ave	Freedom Way	Congress Ave	2	2	0	13	0
6	Esplanade Ave	San Jacinto Ave	Freedom Way	2	2	0	13	0
6	Esplanade Ave	Congress Ave	Hewitt St	2	2	0	0	15
6	Esplanade Ave	Palm Ave	Mesa View St	2	2	0	11	0

Class I Multi-use Path (12 ft.)	Class II Bike Lanes (2 x 5 ft.)	Class II Buffered Lanes (2 x 8 ft. 5' bike lane + 2' buffer)	Class IV Cycle Track (2x8 ft. One-way 5' bike lane + 3' buffer)	Required Width (ft) Class I	Required Width (ft) CLASS II	Required Width (ft) Cycle Track	Existing Width (ft)	GP Full Build Out Sidewalk to Sidewalk	Delta (CLASS I)	Delta CLASS II	Delta (Cycle Track)	Delta CLASS II w/ GP Build Out (Sidewalk to Sidewalk)	Proposed Project Type
12	10	14	16	66	64	70	63	88	-3	-1	-7	24	IIB
12	10	14	16	67	65	71	63	88	-4	-2	-8	23	IIB
12	10	14	16	67	65	71	63	88	-4	-2	-8	23	IIB
12	10	14	16	67	65	71	63	88	-4	-2	-8	23	IIB
12	10	14	16	67	65	71	64	88	-3	-1	-7	23	IIB
12	10	14	16	67	65	71	65	88	-2	0	-6	23	IIB
12	10	14	16	67	65	71	74	88	7	9	3	23	IIB
12	10	14	16	42	40	46	32	56	-10	-8	-14	16	II
12	10	14	16	34	32	38	37	56	3	5	-1	24	II
12	10	14	16	50	48	54	38	56	-12	-10	-16	8	III
12	10	14	16	50	48	54	38	56	-12	-10	-16	8	III
12	10	14	16	50	48	54	39	56	-11	-9	-15	8	II
12	10	14	16	50	48	54	40	56	-10	-8	-14	8	III
12	10	14	16	60	58	64	46	56	-14	-12	-18	-2	II
12	10	14	16	50	48	54	47	56	-3	-1	-7	8	II
12	10	14	16	50	48	54	47	56	-3	-1	-7	8	II
12	10	14	16	50	48	54	48	56	-2	0	-6	8	II
12	10	14	16	50	48	54	49	56	-1	1	-5	8	II
12	10	14	16	34	32	38	22	88	-12	-10	-16	56	I
12	10	14	16	34	32	38	23	88	-11	-9	-15	56	I
12	10	14	16	44	42	48	23	88	-21	-19	-25	46	I
12	10	14	16	34	32	38	24	88	-10	-8	-14	56	I
12	10	14	16	34	32	38	24	88	-10	-8	-14	56	I
12	10	14	16	34	32	38	28	88	-6	-4	-10	56	I
12	10	14	16	34	32	38	30	88	-4	-2	-8	56	I
12	10	14	16	42	40	46	43	88	1	3	-3	48	I
12	10	14	16	56	54	60	50	88	-6	-4	-10	34	I
12	10	14	16	56	54	60	50	88	-6	-4	-10	34	I
12	10	14	16	58	56	62	50	88	-8	-6	-12	32	I
12	10	14	16	54	52	58	52	88	-2	0	-6	36	I
12	10	14	16	67	65	71	62	88	-5	-3	-9	23	I
12	10	14	16	67	65	71	62	88	-5	-3	-9	23	I
12	10	14	16	69	67	73	65	88	-4	-2	-8	21	I
12	10	14	16	65	63	69	73	88	8	10	4	25	I

Ranking	Corridor	From Street	To Street	Curb Travel	Travel/Turn	Parking	Striped Median/Center-Left Turn Lane (ft.)	Raised Median (feet)
6	Esplanade Ave	State St	Juanita St	2	2	2	0	12
6	Esplanade Ave	Mesa View St	State St	2	2	2	14	0
6	Esplanade Ave	Santa Fe Ave	San Jacinto Ave	2	2	0	13	0
6	Esplanade Ave	Buena Vista St	Commerce Ln	2	2	0	11	0
6	Esplanade Ave	Commerce Ln	Santa Fe Ave	2	2	0	12	0
6	Esplanade Ave	Juanita St	Buena Vista St	2	2	2	0	12
7	Santa Fe Ave	Oakwood St	Midway St	2	0	1	0	0
7	Santa Fe Ave	7Th St	Jonnie Way	2	2	0	0	0
7	Santa Fe Ave	Main St	5Th St	2	0	2	0	0
7	Santa Fe Ave	Jonnie Way	10Th St	2	0	2	0	0
7	Santa Fe Ave	10Th St	Esplanade Ave	2	0	2	0	0
7	Santa Fe Ave	Midway St	Fruitvale Ave	2	0	0	0	0
7	Santa Fe Ave	Fruitvale Ave	Menlo Ave	2	0	0	0	0
7	Santa Fe Ave	5Th St	6Th St	2	0	2	0	0
7	Santa Fe Ave	6Th St	7Th St	2	2	0	0	0
7	Santa Fe Ave	Esplanade Ave	Oakwood St	2	0	2	13	0
8	Hewitt Ave	Old 2Nd St	Evans St	2	0	0	0	0
8	Hewitt Ave	Shaver St	Old 2Nd St	2	0	1	0	0
8	Hewitt St	Washington Ave	Park Ave	2	0	1	0	0
8	Hewitt St	Commonwealth Ave	Washington Ave	2	0	2	0	0
8	Hewitt Ave	7Th St	Shaver St	2	0	0	0	0
8	Hewitt St	Esplanade Ave	Commonwealth Ave	2	1	0	10	0
8	Hewitt Ave	Evans St	Esplanade Ave	2	2	0	0	0
9	Hewitt Ave	5Th St	7Th St	2	0	2	0	0
9	Hewitt Ave	Main St	5Th St	2	0	2	0	0
10	Ramona Blvd	Santa Fe Ave	Estudillo Ave	2	0	2	0	10
10	Ramona Blvd	1St St	Santa Fe Ave	2	0	0	4	0
10	Ramona Blvd	Pico Ave	San Jacinto Ave	2	0	1	0	10
10	Ramona Blvd	Estudillo Ave	Pico Ave	2	0	2	0	10
10	Ramona Blvd	Grand Army Ave	1St St	2	0	0	0	27
12				0	0	0	0	0
12	Lyon Ave	Cottonwood Ave	Shelbran Ct	2	0	0	0	0
12				0	0	0	0	0
12	Lyon Ave	De Anza Dr	Merlot Pl	2	0	0	0	0

Class I Multi-use Path (12 ft.)	Class II Bike Lanes (2 x 5 ft.)	Class II Buffered Lanes (2 x 8 ft. 5' bike lane + 2' buffer)	Class IV Cycle Track (2x8 ft. One-way 5' bike lane + 3' buffer)	Required Width (ft) Class I	Required Width (ft) CLASS II	Required Width (ft) Cycle Track	Existing Width (ft)	GP Full Build Out Sidewalk to Sidewalk	Delta (CLASS I)	Delta CLASS II	Delta (Cycle Track)	Delta CLASS II w/ GP Build Out (Sidewalk to Sidewalk)	Proposed Project Type
12	10	14	16	82	80	86	74	88	-8	-6	-12	8	I
12	10	14	16	84	82	88	74	88	-10	-8	-14	6	I
12	10	14	16	67	65	71	74	88	7	9	3	23	I
12	10	14	16	65	63	69	74	88	9	11	5	25	I
12	10	14	16	66	64	70	75	88	9	11	5	24	I
12	10	14	16	82	80	86	75	88	-7	-5	-11	8	I
12	10	14	16	42	40	46	35	56	-7	-5	-11	16	II
12	10	14	16	54	52	58	35	56	-19	-17	-23	4	II
12	10	14	16	50	48	54	35	56	-15	-13	-19	8	III
12	10	14	16	50	48	54	36	56	-14	-12	-18	8	II
12	10	14	16	50	48	54	37	56	-13	-11	-17	8	II
12	10	14	16	34	32	38	37	56	3	5	-1	24	II
12	10	14	16	34	32	38	38	56	4	6	0	24	II
12	10	14	16	50	48	54	38	56	-12	-10	-16	8	III
12	10	14	16	54	52	58	38	56	-16	-14	-20	4	III
12	10	14	16	63	61	67	43	56	-20	-18	-24	-5	II
12	10	14	16	34	32	38	38	76	4	6	0	44	I
12	10	14	16	42	40	46	39	76	-3	-1	-7	36	I
12	10	14	16	42	40	46	42	76	0	2	-4	36	I
12	10	14	16	50	48	54	43	76	-7	-5	-11	28	I
12	10	14	16	34	32	38	45	76	11	13	7	44	I
12	10	14	16	54	52	58	51	76	-3	-1	-7	24	I
12	10	14	16	54	52	58	61	76	7	9	3	24	I
12	10	14	16	50	48	54	39	76	-11	-9	-15	28	III
12	10	14	16	50	48	54	39	76	-11	-9	-15	28	III
12	10	14	16	60	58	64	50	76	-10	-8	-14	18	III
12	10	14	16	38	36	42	50	76	12	14	8	40	III
12	10	14	16	52	50	56	51	76	-1	1	-5	26	III
12	10	14	16	60	58	64	52	76	-8	-6	-12	18	III
12	10	14	16	61	59	65	55	76	-6	-4	-10	17	III
12	10	14	16	12	10	16	20	0	8	10	4	-10	I
12	10	14	16	34	32	38	24	88	-10	-8	-14	56	I
12	10	14	16	12	10	16	24	0	12	14	8	-10	I
12	10	14	16	34	32	38	30	88	-4	-2	-8	56	I

Ranking	Corridor	From Street	To Street	Curb Travel	Travel/Turn	Parking	Striped Median/Center-Left Turn Lane (ft.)	Raised Median (feet)
12	Blodgett St	Cortina Dr	Chase St	2	0	1	0	0
12	Lyon Ave	Reeds Way	Appaloosa Dr	2	0	0	0	0
12	Lyon Ave	Ramona Blvd	Noblewood Dr	2	0	0	1	0
12	Lyon Ave	Noblewood Dr	De Anza Dr	2	0	0	1	0
12	Lyon Ave	7Th St	Lynden Trl	2	0	0	12	0
12	Lyon Ave	Lyon Ave	Ramona Expy	2	1	0	0	0
12	Lyon Ave	Merlot Pl	Rojo Ln	2	0	0	10	0
12	Lyon Ave	De Anza Dr	De Anza Dr	2	0	0	0	0
12	Lyon Ave	Lynden Trl	Continental Ave	2	1	0	12	0
12	Lyon Ave	Appaloosa Dr	Cottonwood Ave	2	1	0	13	0
12	Lyon Ave	Class I	Park Meadows Dr	2	0	0	13	0
12	Lyon Ave	Park Meadows Dr	7Th St	2	0	1	13	0
12	Lyon Ave	Continental Ave	Esplanade Ave	2	1	0	13	0
12	Lyon Ave	Rojo Ln	Reeds Way	2	1	1	13	0
13	Cottonwood Ave	Warren Rd	Center Grove Way	2	0	0	0	0
13	Cottonwood Ave	Lyon Ave	Pine St	2	0	0	0	0
13	Cottonwood Ave	Pine St	Pepperwood St	2	0	1	0	0
13	Cottonwood Ave	Solana St	Kirby St	2	0	1	13	0
13	Cottonwood Ave	Sanderson Ave	San Remo Ave	2	2	0	0	0
13	Cottonwood Ave	San Remo Ave	Solana St	2	1	1	13	0
13	Cottonwood Ave	Paso Fino Cir	Lipizzan Dr	2	1	0	0	10
13	Cottonwood Ave	Ambassador St	Cawston Ave	2	1	0	12	0
13	Cottonwood Ave	Center Grove Way	Ambassador St	2	1	0	13	0
13	Cottonwood Ave	Pepperwood St	Lori Ann St	2	0	1	14	0
13	Cottonwood Ave	Palomar Ave	State St	2	0	0	0	10
13	Cottonwood Ave	Manzanita Ct	Palomar Ave	2	0	0	12	0
13	Cottonwood Ave	Bissell Pl	Manzanita Ct	2	1	1	0	0
13	Cottonwood Ave	Lipizzan Dr	Lyon Ave	2	1	1	0	9
13	Cottonwood Ave	Cawston Ave	Sanderson Ave	2	1	0	8	8
13	Cottonwood Ave	Lori Ann St	Noga Ave	2	0	2	0	0
13	Cottonwood Ave	Noga Ave	Palm Ave	2	0	0	0	0
13	Cottonwood Ave	Sage Ave	Twilight Ct	2	0	0	11	10
13	Cottonwood Ave	Twilight Ct	Bissell Pl	2	0	0	0	10
13	Cottonwood Ave	Kirby St	Ivy Crest Dr	2	2	0	13	0

Class I Multi-use Path (12 ft.)	Class II Bike Lanes (2 x 5 ft.)	Class II Buffered Lanes (2 x 8 ft. 5' bike lane + 2' buffer)	Class IV Cycle Track (2x8 ft. One-way 5' bike lane + 3' buffer)	Required Width (ft) Class I	Required Width (ft) CLASS II	Required Width (ft) Cycle Track	Existing Width (ft)	GP Full Build Out Sidewalk to Sidewalk	Delta (CLASS I)	Delta CLASS II	Delta (Cycle Track)	Delta CLASS II w/ GP Build Out (Sidewalk to Sidewalk)	Proposed Project Type
12	10	14	16	42	40	46	30	36	-12	-10	-16	-4	I
12	10	14	16	34	32	38	30	88	-4	-2	-8	56	I
12	10	14	16	35	33	39	31	31	-4	-2	-8	-2	I
12	10	14	16	35	33	39	31	31	-4	-2	-8	-2	I
12	10	14	16	46	44	50	32	88	-14	-12	-18	44	I
12	10	14	16	44	42	48	32	0	-12	-10	-16	-42	I
12	10	14	16	44	42	48	42	88	-2	0	-6	46	I
12	10	14	16	34	32	38	42	88	8	10	4	56	I
12	10	14	16	56	54	60	48	88	-8	-6	-12	34	I
12	10	14	16	57	55	61	50	88	-7	-5	-11	33	I
12	10	14	16	47	45	51	51	88	4	6	0	43	I
12	10	14	16	55	53	59	51	88	-4	-2	-8	35	I
12	10	14	16	57	55	61	52	88	-5	-3	-9	33	I
12	10	14	16	65	63	69	54	88	-11	-9	-15	25	I
12	10	14	16	34	32	38	25	122	-9	-7	-13	90	IEE
12	10	14	16	34	32	38	32	88	-2	0	-6	56	IEE
12	10	14	16	42	40	46	35	88	-7	-5	-11	48	IEE
12	10	14	16	55	53	59	47	88	-8	-6	-12	35	IEE
12	10	14	16	54	52	58	49	88	-5	-3	-9	36	IEE
12	10	14	16	65	63	69	50	88	-15	-13	-19	25	IEE
12	10	14	16	54	52	58	53	88	-1	1	-5	36	IEE
12	10	14	16	56	54	60	54	122	-2	0	-6	68	IEE
12	10	14	16	57	55	61	55	122	-2	0	-6	67	IEE
12	10	14	16	56	54	60	55	88	-1	1	-5	34	IEE
12	10	14	16	44	42	48	56	88	12	14	8	46	IEE
12	10	14	16	46	44	50	56	88	10	12	6	44	IEE
12	10	14	16	52	50	56	58	88	6	8	2	38	IEE
12	10	14	16	61	59	65	58	88	-3	-1	-7	29	IEE
12	10	14	16	60	58	64	60	88	0	2	-4	30	IEE
12	10	14	16	50	48	54	62	88	12	14	8	40	IEE
12	10	14	16	34	32	38	62	88	28	30	24	56	IEE
12	10	14	16	55	53	59	63	88	8	10	4	35	IEE
12	10	14	16	44	42	48	65	88	21	23	17	46	IEE
12	10	14	16	67	65	71	74	88	7	9	3	23	IEE

Ranking	Corridor	From Street	To Street	Curb Travel	Travel/Turn	Parking	Striped Median/Center-Left Turn Lane (ft.)	Raised Median (feet)
13	Cottonwood Ave	Palm Ave	Sage Ave	2	2	0	0	9
14	Vernon Ave	2Nd St	3Rd St	2	0	2	0	0
14	Vernon Ave	1St St	2Nd St	2	0	2	0	0
14	Vernon Ave	3Rd St	Main St	2	0	2	0	0
14	Vernon Ave	2Nd St	2Nd St	2	0	2	0	0
15	Ramona Expy	Boundary Rd	Warren Rd	2	0	0	0	0
15	Ramona Expy	Eagle Rd	San Jacinto Ave	2	2	0	12	0
15	Ramona Expy	Warren Rd	Sanderson Ave	2	2	0	15	0
15	Ramona Expy	Glow Pointe	Record Rd	2	4	0	0	0
15	Ramona Expy	Record Rd	Lyon Ave	2	4	0	0	10
15	Ramona Expy	Sanderson Ave	Glow Pointe	2	4	0	0	10
15	Ramona Expy	Lyon Ave	Chase St	2	4	0	0	10
15	Ramona Expy	Chase St	State St	2	4	0	0	20
15	Ramona Expy	State St	Eagle Rd	2	5	0	0	12
16	Ramona Blvd	Lyon Ave	Midblock	2	0	0	0	0
16	Ramona Blvd	Chase St	Young St	2	0	0	0	0
16	Ramona Blvd	Sanderson Ave	Bridge Rd	2	0	0	0	0
16	Ramona Blvd	Young St	Porterfield Dr	2	0	0	7	0
16	Ramona Blvd	Porterfield Dr	Midblock	2	1	0	0	0
16	Ramona Blvd	Silverado Dr	Lyon Ave	2	1	0	0	0
16	Ramona Blvd	Windsong Ln	Chase St	2	0	0	10	0
16	Ramona Blvd	Shimmering Way	Ranch View Ln	2	0	1	14	0
16	Ramona Blvd	Bridge Rd	Shimmering Way	2	0	1	14	0
16	Ramona Blvd	Savory Ln	Windsong Ln	2	0	0	10	0
16	Ramona Blvd	Tamsi Rd	Silverado Dr	2	0	0	10	0
16	Ramona Blvd	Midblock	Savory Ln	2	1	0	0	0
16	Ramona Blvd	Ranch View Ln	Tamsi Rd	2	1	0	11	0
16	Ramona Blvd	State St	Driveway	2	2	0	0	0
16	Ramona Blvd	Midblock	State St	2	3	0	0	0
17	Palm Ave	Investor Pl	7Th St	2	0	0	0	0
17	Palm Ave	7Th St	Polzin Way	2	0	1	0	0
17	Palm Ave	Class I	Vista Montana	2	0	1	0	0
17	Palm Ave	Driveway	Esplanade Ave	2	0	0	11	0
17	Palm Ave	Sycamore Ln	Birch Ln	2	0	2	0	0

Class I Multi-use Path (12 ft.)	Class II Bike Lanes (2 x 5 ft.)	Class II Buffered Lanes (2 x 8 ft. 5' bike lane + 2' buffer)	Class IV Cycle Track (2x8 ft. One-way 5' bike lane + 3' buffer)	Required Width (ft) Class I	Required Width (ft) CLASS II	Required Width (ft) Cycle Track	Existing Width (ft)	GP Full Build Out Sidewalk to Sidewalk	Delta (CLASS I)	Delta CLASS II	Delta (Cycle Track)	Delta CLASS II w/ GP Build Out (Sidewalk to Sidewalk)	Proposed Project Type
12	10	14	16	63	61	67	83	88	20	22	16	27	IEE
12	10	14	16	50	48	54	38	0	-12	-10	-16	-48	III
12	10	14	16	50	48	54	38	0	-12	-10	-16	-48	III
12	10	14	16	50	48	54	38	0	-12	-10	-16	-48	III
12	10	14	16	50	48	54	40	0	-10	-8	-14	-48	III
12	10	14	16	34	32	38	40	0	6	8	2	-32	I
12	10	14	16	66	64	70	53	134	-13	-11	-17	70	I
12	10	14	16	69	67	73	76	0	7	9	3	-67	I
12	10	14	16	74	72	78	95	134	21	23	17	62	I
12	10	14	16	84	82	88	96	134	12	14	8	52	I
12	10	14	16	84	82	88	96	134	12	14	8	52	I
12	10	14	16	84	82	88	96	134	12	14	8	52	I
12	10	14	16	94	92	98	105	134	11	13	7	42	I
12	10	14	16	96	94	100	115	134	19	21	15	40	I
12	10	14	16	34	32	38	28	76	-6	-4	-10	44	II
12	10	14	16	34	32	38	29	76	-5	-3	-9	44	II
12	10	14	16	34	32	38	30	76	-4	-2	-8	44	II
12	10	14	16	41	39	45	45	76	4	6	0	37	II
12	10	14	16	44	42	48	45	76	1	3	-3	34	II
12	10	14	16	44	42	48	46	76	2	4	-2	34	II
12	10	14	16	44	42	48	46	76	2	4	-2	34	II
12	10	14	16	56	54	60	47	76	-9	-7	-13	22	II
12	10	14	16	56	54	60	47	76	-9	-7	-13	22	II
12	10	14	16	44	42	48	48	76	4	6	0	34	II
12	10	14	16	44	42	48	50	76	6	8	2	34	II
12	10	14	16	44	42	48	62	76	18	20	14	34	II
12	10	14	16	55	53	59	62	76	7	9	3	23	II
12	10	14	16	54	52	58	63	76	9	11	5	24	II
12	10	14	16	64	62	68	65	76	1	3	-3	14	II
12	10	14	16	34	32	38	30	76	-4	-2	-8	44	II
12	10	14	16	42	40	46	33	76	-9	-7	-13	36	II
12	10	14	16	42	40	46	33	0	-9	-7	-13	-40	II
12	10	14	16	45	43	49	47	76	2	4	-2	33	II
12	10	14	16	50	48	54	63	76	13	15	9	28	II

Ranking	Corridor	From Street	To Street	Curb Travel	Travel/Turn	Parking	Striped Median/Center-Left Turn Lane (ft.)	Raised Median (feet)
17	Palm Ave	Sykes Dr	Cottonwood Ave	2	1	2	0	0
17	Palm Ave	Encanto Dr	Milwaukie Park	2	0	1	10	0
17	Palm Ave	Reposo St	Potrero St	2	0	2	0	0
17	Palm Ave	Milwaukie Park	Reposo St	2	0	1	0	0
18	Idyllwild Dr	Bonita Ave	Wateka St	2	0	1	0	0
18	Idyllwild Dr	Ramp	Eagle Rd	2	0	0	0	0
18	Idyllwild Dr	State St	Ramp	2	0	0	0	0
18	Idyllwild Dr	Washburn Ave	San Jacinto Ave	2	0	1	0	0
18	Idyllwild Dr	Young St	State St	2	0	0	0	0
18	Idyllwild Dr	Eagle Rd	Penny Ln	2	0	2	0	0
18	Idyllwild Dr	Tahquitz St	Monte Vista Ave	2	0	2	0	0
18	Idyllwild Dr	Wateka St	Tahquitz St	2	0	2	0	0
18	Idyllwild Dr	Tiger Ln	Bonita Ave	2	0	2	0	0
18	Idyllwild Dr	Attenborough Way	Laxford Rd	2	0	1	0	0
18	Idyllwild Dr	Laxford Rd	Tiger Ln	2	1	1	0	0
18	Idyllwild Dr	Penny Ln	Attenborough Way	2	0	0	0	0
19	Washington Ave	Bronte Rd	Arroyo Viejo Dr	2	0	2	0	0
19	Washington Ave	Hewitt St	Bronte Rd	2	0	2	0	0
19	Washington Ave	Arroyo Viejo Dr	Gospel Dr	2	0	2	6	0
19	Washington Ave	Meridian St	Whitman Dr	2	0	2	0	0
19	Washington Ave	Callaway Dr	St Michele Pl	0	0	0	0	7
19	Washington Ave	Villines Ave	Lassen Dr	2	0	2	0	0
19	Washington Ave	Amherst Ave	Teco Dr	2	0	2	0	0
19	Washington Ave	Inglenook Ave	Villines Ave	2	0	2	0	6
19	Washington Ave	Van Fleet Dr	Wente Ct	2	0	2	0	0
19	Washington Ave	Amherst Ave	Teco Dr	2	0	2	0	0
19	Washington Ave	Beringer Dr	Versailles St	2	0	2	0	7
19	Washington Ave	Whitman Dr	Amherst Ave	2	0	2	0	0
19	Washington Ave	Versailles St	Meridian St	2	1	2	0	6
19	Washington Ave	Wente Ct	Inglenook Ave	2	0	2	0	0
19	Washington Ave	Teco Dr	Hemet St	2	0	2	0	0
19	Washington Ave	Lassen Dr	Callaway Dr	2	0	2	0	0
19	Washington Ave	St Michele Pl	Beringer Dr	2	0	2	0	7
19	Washington Ave	Gospel Dr	Van Fleet Dr	2	0	2	0	0

Class I Multi-use Path (12 ft.)	Class II Bike Lanes (2 x 5 ft.)	Class II Buffered Lanes (2 x 8 ft. 5' bike lane + 2' buffer)	Class IV Cycle Track (2x8 ft. One-way 5' bike lane + 3' buffer)	Required Width (ft) Class I	Required Width (ft) CLASS II	Required Width (ft) Cycle Track		Existing Width (ft)	GP Full Build Out Sidewalk to Sidewalk		Delta (CLASS I)	Delta CLASS II	Delta (Cycle Track)	Delta CLASS II w/ GP Build Out (Sidewalk to Sidewalk)	Proposed Project Type
12	10	14	16	60	58	64		63	76		3	5	-1	18	II
12	10	14	16	52	50	56		63	76		11	13	7	26	II
12	10	14	16	50	48	54		64	76		14	16	10	28	II
12	10	14	16	42	40	46		64	76		22	24	18	36	II
12	10	14	16	42	40	46		34	0		-8	-6	-12	-40	II
12	10	14	16	34	32	38		35	0		1	3	-3	-32	II
12	10	14	16	34	32	38		35	0		1	3	-3	-32	II
12	10	14	16	42	40	46		35	0		-7	-5	-11	-40	II
12	10	14	16	34	32	38		36	0		2	4	-2	-32	II
12	10	14	16	50	48	54		41	0		-9	-7	-13	-48	II
12	10	14	16	50	48	54		45	0		-5	-3	-9	-48	II
12	10	14	16	50	48	54		46	0		-4	-2	-8	-48	II
12	10	14	16	50	48	54		50	0		0	2	-4	-48	II
12	10	14	16	42	40	46		52	0		10	12	6	-40	II
12	10	14	16	52	50	56		52	0		0	2	-4	-50	II
12	10	14	16	34	32	38		52	0		18	20	14	-32	II
12	10	14	16	50	48	54		37	56		-13	-11	-17	8	III
12	10	14	16	50	48	54		37	56		-13	-11	-17	8	III
12	10	14	16	56	54	60		40	56		-16	-14	-20	2	III
12	10	14	16	50	48	54		41	56		-9	-7	-13	8	III
12	10	14	16	19	17	23		42	56		23	25	19	39	III
12	10	14	16	50	48	54		42	56		-8	-6	-12	8	III
12	10	14	16	50	48	54		42	56		-8	-6	-12	8	III
12	10	14	16	56	54	60		43	56		-13	-11	-17	2	III
12	10	14	16	50	48	54		43	56		-7	-5	-11	8	III
12	10	14	16	50	48	54		43	56		-7	-5	-11	8	III
12	10	14	16	57	55	61		43	56		-14	-12	-18	1	III
12	10	14	16	50	48	54		44	56		-6	-4	-10	8	III
12	10	14	16	66	64	70		44	56		-22	-20	-26	-8	III
12	10	14	16	50	48	54		44	56		-6	-4	-10	8	III
12	10	14	16	50	48	54		44	56		-6	-4	-10	8	III
12	10	14	16	50	48	54		44	56		-6	-4	-10	8	III
12	10	14	16	57	55	61		44	56		-13	-11	-17	1	III
12	10	14	16	50	48	54		44	56		-6	-4	-10	8	III

Ranking	Corridor	From Street	To Street	Curb Travel	Travel/Turn	Parking	Striped Median/Center-Left Turn Lane (ft.)	Raised Median (feet)
21	San Jacinto Ave	Shoal Reef Ave	Midblock	2	0	0	0	0
21	San Jacinto Ave	Midblock	Cahuilla Cir	2	0	2	0	0
21	San Jacinto Ave	Idyllwild Dr	1St St	2	0	2	0	0
21	San Jacinto Ave	Tradewinds Ln	Shoal Reef Ave	2	0	0	12	0
21	San Jacinto Ave	Martinez Rd	Tradewinds Ln	2	0	0	12	0
21	San Jacinto Ave	Cahuilla Cir	Idyllwild Dr	2	0	1	0	0
21	San Jacinto Ave	1St St	1St St	2	0	0	0	0
21	San Jacinto Ave	Ramona Expy	Spinnaker St	2	0	1	0	0
21	San Jacinto Ave	Spinnaker St	Martinez Rd	2	0	0	12	0
22	Las Rosas Dr	Peacock Dr	Avenida Roundelay	2	0	2	0	0
22	Las Rosas Dr	Osprey St	Evans St	2	0	2	0	0
22	Las Rosas Dr	Da Vinci Dr	Peacock Dr	2	0	2	0	0
22	Las Rosas Dr	Avenida Roundelay	Esplanade Ave	2	0	2	0	0
22	Las Rosas Dr	Shaver St	Osprey St	2	0	0	0	0
22	Las Rosas Dr	7Th St	Shaver St	2	1	0	0	0
22	Las Rosas Dr	Evans St	Da Vinci Dr	2	0	2	0	0
23	Commonwealth Ave	Hewitt St	Hawthorne St	2	0	0	0	0
23	Commonwealth Ave	Arroyo Viejo Dr	Cascadian Way	2	0	1	0	0
23	Commonwealth Ave	Zirconia Ln	Arroyo Viejo Dr	2	0	0	0	0
23	Commonwealth Ave	Puentes Dr	Van Fleet Dr	2	0	0	0	0
23	Commonwealth Ave	Van Fleet Dr	Esplanade Ave	2	0	0	0	0
23	Commonwealth Ave	Cascadian Way	Puentes Dr	2	0	2	0	0
23	Commonwealth Ave	Hawthorne St	Zirconia Ln	2	0	2	0	0
24	Shaver St	Jordan Ave	Alessandro St	2	0	2	1	0
24	Shaver St	Minor St	Hewitt St	2	0	2	1	0
24	Shaver St	Alessandro St	Minor St	2	0	2	1	0
25	Arroyo Viejo Dr	Shelley Ave	Melville Ave	2	0	2	0	0
25	Arroyo Viejo Dr	Melville Ave	Garrett Way	2	0	2	0	0
25	Arroyo Viejo Dr	Commonwealth Ave	Shelley Ave	2	0	2	0	0
25	Arroyo Viejo Dr	Garrett Way	Washington Ave	2	0	2	0	0
25	Arroyo Viejo Dr	Weaver Ln	Camino De Minas	2	0	2	0	0
25	Arroyo Viejo Dr	Esplanade Ave	Weaver Ln	2	0	2	0	0
25	Arroyo Viejo Dr	Camino De Minas	Commonwealth Ave	2	0	2	0	0
26	Sanderson Ave	Proposed Road	Class I	2	2	0	13	0

Class I Multi-use Path (12 ft.)	Class II Bike Lanes (2 x 5 ft.)	Class II Buffered Lanes (2 x 8 ft. 5' bike lane + 2' buffer)	Class IV Cycle Track (2x8 ft. One-way 5' bike lane + 3' buffer)	Required Width (ft) Class I	Required Width (ft) CLASS II	Required Width (ft) Cycle Track	Existing Width (ft)	GP Full Build Out Sidewalk to Sidewalk	Delta (CLASS I)	Delta CLASS II	Delta (Cycle Track)	Delta CLASS II w/ GP Build Out (Sidewalk to Sidewalk)	Proposed Project Type
12	10	14	16	34	32	38	26	76	-8	-6	-12	44	III
12	10	14	16	50	48	54	33	76	-17	-15	-21	28	III
12	10	14	16	50	48	54	33	76	-17	-15	-21	28	III
12	10	14	16	46	44	50	34	76	-12	-10	-16	32	III
12	10	14	16	46	44	50	36	76	-10	-8	-14	32	III
12	10	14	16	42	40	46	36	76	-6	-4	-10	36	III
12	10	14	16	34	32	38	36	88	2	4	-2	56	III
12	10	14	16	42	40	46	38	76	-4	-2	-8	36	III
12	10	14	16	46	44	50	38	76	-8	-6	-12	32	III
12	10	14	16	50	48	54	42	0	-8	-6	-12	-48	III
12	10	14	16	50	48	54	42	0	-8	-6	-12	-48	III
12	10	14	16	50	48	54	43	0	-7	-5	-11	-48	III
12	10	14	16	50	48	54	43	0	-7	-5	-11	-48	III
12	10	14	16	34	32	38	43	0	9	11	5	-32	III
12	10	14	16	44	42	48	44	0	0	2	-4	-42	III
12	10	14	16	50	48	54	44	0	-6	-4	-10		III
12	10	14	16	34	32	38	41	76	7	9	3		III
12	10	14	16	42	40	46	42	56	0	2	-4		III
12	10	14	16	34	32	38	42	76	8	10	4		III
12	10	14	16	34	32	38	42	56	8	10	4		III
12	10	14	16	34	32	38	42	56	8	10	4		III
12	10	14	16	50	48	54	43	56	-7	-5	-11		III
12	10	14	16	50	48	54	44	76	-6	-4	-10		III
12	10	14	16	51	49	55	40	52	-11	-9	-15		III
12	10	14	16	51	49	55	40	52	-11	-9	-15		III
12	10	14	16	51	49	55	40	55	-11	-9	-15		III
12	10	14	16	50	48	54	38	0	-12	-10	-16		III
12	10	14	16	50	48	54	38	0	-12	-10	-16	-48	III
12	10	14	16	50	48	54	39	0	-11	-9	-15	-48	III
12	10	14	16	50	48	54	40	0	-10	-8	-14	-48	III
12	10	14	16	50	48	54	41	0	-9	-7	-13	-48	III
12	10	14	16	50	48	54	44	0	-6	-4	-10	-48	III
12	10	14	16	50	48	54	44	0	-6	-4	-10	-48	III
12	10	14	16	67	65	71	61	122	-6	-4	-10	57	IE

Ranking	Corridor	From Street	To Street	Curb Travel	Travel/Turn	Parking	Striped Median/Center-Left Turn Lane (ft.)	Raised Median (feet)
26	Sanderson Ave	Cottonwood Ave	Pelican Ln	2	2	0	19	0
26	Sanderson Ave	Pelican Ln	7Th St	2	2	0	12	0
26	Sanderson Ave	Ramp	Ramona Expy	2	2	0	4	0
26	Sanderson Ave	Farm Meadows Dr	Esplanade Ave	2	2	0	13	0
26	Sanderson Ave	7Th St	Farm Meadows Dr	2	2	0	13	0
26	Sanderson Ave	Ramona Expy	Ramona Blvd	2	4	0	24	0
27	Alessandro Ave	Bergin St	Ramona Expy	2	0	0	0	0
27	Alessandro Ave	Burt Ave	Cypress Ave	2	0	0	0	0
27	Alessandro Ave	Class I	Burt Ave	2	0	0	0	0
27	Alessandro Ave	Cypress Ave	Artesian Ave	2	0	0	1	0
28	Vernon Ave	Artesian Ave	1St St	2	0	1	0	0
28	Vernon Ave	Class I	Driveway	2	0	0	0	0
28	Vernon Ave	Cypress Ave	Artesian Ave	2	0	0	0	0
28	Vernon Ave	Driveway	Cypress Ave	2	0	0	0	0
29	Ramona Expy	Old Mountain Ave	Esplanade Ave	2	0	0	12	0
29	Ramona Expy	Oak Knoll Rd	Old Mountain Ave	2	0	0	12	0
29	Ramona Expy	Rue Pinot Blanc	Rue Merlot	2	0	0	0	0
29	Ramona Expy	Esplanade Ave	Rue Pinot Blanc	2	0	0	0	0
29	Ramona Expy	7Th St	Oak Knoll Rd	2	0	0	12	0
29	Ramona Expy	Rue Merlot	Mountain Ave	2	1	1	0	0
29	Ramona Expy	Donna Way	7Th St	2	2	0	0	18
29	Ramona Expy	Main St	Donna Way	2	2	2	0	18
30	Kirby St	Paradise Way	Esplanade Ave	2	0	0	0	0
30	Kirby St	Warwick St	7Th St	2	0	0	1	0
30	Kirby St	Roanoke St	Warwick St	2	0	1	1	0
30	Kirby St	Montego St	Caseros Dr	2	0	1	4	0
30	Kirby St	Cottonwood Ave	Roanoke St	2	1	0	1	0
30	Kirby St	7Th St	Ranch Madriona Trl	2	1	0	1	0
30	Kirby St	Orchid Ln	Whispering Bells Rd	2	1	0	12	0
30	Kirby St	Ranch Madriona Trl	Orchid Ln	2	0	0	12	0
30	Kirby St	Caseros Dr	Cottonwood Ave	2	0	2	4	0
30	Kirby St	Whispering Bells Rd	Paradise Way	2	1	0	6	0
31	De Anza Dr	Lyon Ave	Savory Ln	2	1	0	0	0
31	De Anza Dr	Savory Ln	Tuscany Way	2	0	2	0	0

Class I Multi-use Path (12 ft.)	Class II Bike Lanes (2 x 5 ft.)	Class II Buffered Lanes (2 x 8 ft. 5' bike lane + 2' buffer)	Class IV Cycle Track (2x8 ft. One-way 5' bike lane + 3' buffer)	Required Width (ft) Class I	Required Width (ft) CLASS II	Required Width (ft) Cycle Track	Existing Width (ft)	GP Full Build Out Sidewalk to Sidewalk	Delta (CLASS I)	Delta CLASS II	Delta (Cycle Track)	Delta CLASS II w/ GP Build Out (Sidewalk to Sidewalk)	Proposed Project Type
12	10	14	16	73	71	77	62	122	-11	-9	-15	51	IE
12	10	14	16	66	64	70	64	122	-2	0	-6	58	IE
12	10	14	16	58	56	62	68	0	10	12	6	-56	IE
12	10	14	16	67	65	71	72	122	5	7	1	57	IE
12	10	14	16	67	65	71	73	122	6	8	2	57	IE
12	10	14	16	98	96	102	90	122	-8	-6	-12	26	IE
12	10	14	16	34	32	38	22	22	-12	-10	-16	-10	I
12	10	14	16	34	32	38	25	25	-9	-7	-13	-7	I
12	10	14	16	34	32	38	25	25	-9	-7	-13	-7	I
12	10	14	16	35	33	39	36	36	1	3	-3	3	I
12	10	14	16	42	40	46	21	0	-21	-19	-25	-40	I
12	10	14	16	34	32	38	28	0	-6	-4	-10	-32	I
12	10	14	16	34	32	38	38	0	4	6	0	-32	I
12	10	14	16	34	32	38	39	0	5	7	1	-32	I
12	10	14	16	46	44	50	43	122	-3	-1	-7	78	I
12	10	14	16	46	44	50	44	122	-2	0	-6	78	I
12	10	14	16	34	32	38	50	122	16	18	12	90	I
12	10	14	16	34	32	38	53	122	19	21	15	90	I
12	10	14	16	46	44	50	58	122	12	14	8	78	I
12	10	14	16	52	50	56	61	122	9	11	5	72	I
12	10	14	16	72	70	76	83	122	11	13	7	52	I
12	10	14	16	88	86	92	90	122	2	4	-2	36	I
12	10	14	16	34	32	38	28	28	-6	-4	-10	-4	III
12	10	14	16	35	33	39	29	29	-6	-4	-10	-4	III
12	10	14	16	43	41	47	31	37	-12	-10	-16	-4	III
12	10	14	16	46	44	50	36	42	-10	-8	-14	-2	III
12	10	14	16	45	43	49	36	48	-9	-7	-13	5	III
12	10	14	16	45	43	49	38	38	-7	-5	-11	-5	III
12	10	14	16	56	54	60	44	50	-12	-10	-16	-4	III
12	10	14	16	46	44	50	44	50	-2	0	-6	6	III
12	10	14	16	54	52	58	44	56	-10	-8	-14	4	III
12	10	14	16	50	48	54	64	76	14	16	10	28	III
12	10	14	16	44	42	48	38	56	-6	-4	-10	14	III
12	10	14	16	50	48	54	39	56	-11	-9	-15	8	III

Ranking	Corridor	From Street	To Street	Curb Travel	Travel/Turn	Parking	Striped Median/Center-Left Turn Lane (ft.)	Raised Median (feet)
31	De Anza Dr	Calistoga Way	Laurelhurst Heights	2	0	2	0	0
31	De Anza Dr	Tuscany Way	Calistoga Way	2	0	2	0	0
31	De Anza Dr	Laurelhurst Heights	Palm Ave	2	0	2	0	0
32	De Anza Dr	Grand Army Ave	Main St	2	0	2	0	0
32	De Anza Dr	Main St	Main St	2	0	1	0	0
32	De Anza Dr	Wateka St	Grand Army Ave	2	0	2	0	0
32	De Anza Dr	State St	Wateka St	2	0	2	0	0
33	Cawston Ave	7Th St	Esplanade Ave	0	0	0	0	0
33	Cawston Ave	Placentia St	7Th St	2	2	0	0	0
34	Warren Rd	Cottonwood Ave	Proposed Road	2	0	0	0	0
34	Warren Rd	Gunn Ranch Rd	Midblock	2	0	0	0	0
34	Warren Rd	Midblock	Esplanade Ave	2	0	0	0	0
34	Warren Rd	Proposed Road	Proposed Road	2	0	0	0	0
34	Warren Rd	Proposed Road	Byrd St	2	0	0	0	0
34	Warren Rd	Proposed Road	Upperline Ave	2	0	0	0	0
34	Warren Rd	Ramona Expy	Proposed Road	2	0	0	0	0
34	Warren Rd	Byrd St	Proposed Road	2	0	0	0	0
34	Warren Rd	Class I	Cottonwood Ave	2	1	0	0	14
34	Warren Rd	Scott St	Class I	2	1	0	0	13
34	Warren Rd	Upperline Ave	Scott St	2	1	1	0	13
35	Young St	Idyllwild Dr	Ramona Blvd	2	0	0	0	0
36	Lake Park Dr	Ramona Expy	Class I	2	0	0	8	0
37	New Street			0	0	0	0	0
38	Proposed Class I			0	0	0	0	0

Class I Multi-use Path (12 ft.)	Class II Bike Lanes (2 x 5 ft.)	Class II Buffered Lanes (2 x 8 ft. 5' bike lane + 2' buffer)	Class IV Cycle Track (2x8 ft. One-way 5' bike lane + 3' buffer)	Required Width (ft) Class I	Required Width (ft) CLASS II	Required Width (ft) Cycle Track	Existing Width (ft)	GP Full Build Out Sidewalk to Sidewalk	Delta (CLASS I)	Delta CLASS II	Delta (Cycle Track)	Delta CLASS II w/ GP Build Out (Sidewalk to Sidewalk)	Proposed Project Type
12	10	14	16	50	48	54	40	56	-10	-8	-14	8	III
12	10	14	16	50	48	54	40	56	-10	-8	-14	8	III
12	10	14	16	50	48	54	52	56	2	4	-2	8	III
12	10	14	16	50	48	54	40	56	-10	-8	-14	8	III
12	10	14	16	42	40	46	40	56	-2	0	-6	16	III
12	10	14	16	50	48	54	40	56	-10	-8	-14	8	III
12	10	14	16	50	48	54	40	56	-10	-8	-14	8	III
12	10	14	16	12	10	16	38	76	26	28	22	66	II
12	10	14	16	54	52	58	63	76	9	11	5		II
12	10	14	16	34	32	38	25	88	-9	-7	-13		I
12	10	14	16	34	32	38	28	88	-6	-4	-10		I
12	10	14	16	34	32	38	28	88	-6	-4	-10		I
12	10	14	16	34	32	38	35	88	1	3	-3		I
12	10	14	16	34	32	38	36	88	2	4	-2		I
12	10	14	16	34	32	38	36	88	2	4	-2		I
12	10	14	16	34	32	38	37	88	3	5	-1		I
12	10	14	16	34	32	38	37	88	3	5	-1		I
12	10	14	16	58	56	62	67	88	9	11	5		I
12	10	14	16	57	55	61	68	88	11	13	7		I
12	10	14	16	65	63	69	70	88	5	7	1		I
12	10	14	16	34	32	38	30	0	-4	-2	-8		I
12	10	14	16	42	40		48	0	6	8			II
12	10	14	16	12	10		30	0	18	20			I
12	10	14	16	12	10		85	0	73	75			I

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APPENDIX D: COLLISION DATA



PRIMARYRD	SECONDRD	DATE_	CollSeveri
S STATE ST	N VICTORIA AV	3/18/2015	Other Visible Injury
SAN JACINTO AV	MAIN ST	12/22/2012	Other Visible Injury
PALM AV	ENCANTO DR	11/21/2012	Other Visible Injury
RAMONA BL	WATEKA ST	8/30/2012	Injury - Complaint of Pain
HEWITT ST	ESPLANADE AV	4/3/2012	Other Visible Injury
MENLO AV	GLENN WY	2/24/2012	Other Visible Injury
7TH ST	JORDAN AV	1/10/2012	Severy Injury
COTTONWOOD AV	NOGA AV	1/17/2012	Other Visible Injury
EAGLE RD	BUCKINGHAM DR	10/22/2013	Injury - Complaint of Pain
STATE ST	QUANDT RANCH RD	10/15/2013	Severy Injury
COTTONWOOD AV	PALM AV	10/1/2013	Severy Injury
COTTONWOOD AV	BISSELL PL	7/6/2013	Injury - Complaint of Pain
RAMONA BL	CHASE ST	6/1/2013	Other Visible Injury
SANTA FE AV	OAKWOOD AV	5/10/2013	Other Visible Injury
MAIN ST	5TH ST	3/13/2013	Injury - Complaint of Pain
ESPLANADE AV	STATE ST	1/7/2013	Other Visible Injury
PARK AV	TERRACE DR	2/3/2015	Other Visible Injury
COMMUNITY COLLEGE DR	STATE ST	10/6/2014	Other Visible Injury
RAMONA BL	TIGER LN	10/3/2014	Injury - Complaint of Pain
RAMONA BL	TIGER LN	9/11/2014	Injury - Complaint of Pain
SAN JACINTO AV	COMMONWEALTH AV	1/27/2014	Injury - Complaint of Pain
ESPLANADE AV	SAN JACINTO AV	2/12/2014	Other Visible Injury
JORDAN AV	MAIN ST	5/4/2015	Injury - Complaint of Pain
SAN JACINTO AV	3RD ST	5/2/2015	Other Visible Injury
ESPLANADE AV	SANTA FE AV	9/30/2015	Injury - Complaint of Pain
SANTA FE AV	MAIN ST	6/29/2015	Other Visible Injury
ESPLANADE AV	VILLINES AV	7/2/2015	Injury - Complaint of Pain
W MAIN ST	N BRINTON	7/10/2015	Injury - Complaint of Pain
RAMONA EXPWY	STATE ST	7/6/2015	Severy Injury
COTTONWOOD AV	LYON AV	8/27/2015	Other Visible Injury
OLD MOUNTAIN RD	EVANS ST N	9/18/2015	Injury - Complaint of Pain
ESPLANADE AV	JUANITA ST	9/30/2015	Injury - Complaint of Pain
BUCKINGHAM DR	EAGLE RD	10/29/2015	Other Visible Injury
RAMONA BL	CHASE ST	11/29/2015	Other Visible Injury
RAMONA BL	TIGER LN	12/17/2015	Severy Injury
LYON AV	COTTONWOOD AV	2/3/2016	Other Visible Injury
W 7TH ST	S ESTUDILLO AV	2/12/2016	Other Visible Injury
SAN JACINTO AV	COMMONWEALTH ST	3/15/2016	Injury - Complaint of Pain
COTTONWOOD AV	PALM AV	4/12/2016	Other Visible Injury

VC_Viol	Lighting Condition	PedAction
Unsafe left/right turn onto a roadway	Daylight	No Pedestrian Involved
Unsafe left/right turn onto a roadway	Dark-Street Lights	No Pedestrian Involved
Vehicle not stopped behind a marked limit line	Daylight	No Pedestrian Involved
Driver not yielding right-of-way from an alley or driveway	Daylight	No Pedestrian Involved
Proceeding through a red light	Daylight	No Pedestrian Involved
Unsafe left/right turn onto a roadway	Daylight	No Pedestrian Involved
Unsafe left/right turn onto a roadway	Daylight	No Pedestrian Involved
Unsafe left/right turn onto a roadway	Daylight	No Pedestrian Involved
Vehicle not stopped behind a marked limit line	Daylight	No Pedestrian Involved
Unsafe left/right turn onto a roadway	Daylight	No Pedestrian Involved
Driver not yielding right-of-way to pedestrian in marked and/or unmarked crosswalk	Daylight	No Pedestrian Involved
Unsafe left/right turn onto a roadway	Daylight	No Pedestrian Involved
Driving at an unsafe speed	Daylight	No Pedestrian Involved
Driver not yielding right-of-way from an alley or driveway	Dark-No Street Lights	No Pedestrian Involved
Vehicle not driven on the right half of the roadway	Daylight	No Pedestrian Involved
Vehicle not driven on the right half of the roadway	Daylight	No Pedestrian Involved
Improperly passing a bicyclist	Daylight	No Pedestrian Involved
Unsafe left/right turn onto a roadway	Daylight	No Pedestrian Involved
Driver not yielding right-of-way from an alley or driveway	Daylight	No Pedestrian Involved
Passing a vehicle from the right	Daylight	No Pedestrian Involved
Driver not yielding right-of-way from an alley or driveway	Daylight	No Pedestrian Involved
Vehicle not stopped behind a marked limit line	Dark-Street Lights	No Pedestrian Involved
Driver not yielding right-of-way to pedestrian on a sidewalk while entering a driveway	Daylight	No Pedestrian Involved
Vehicle not stopped behind a marked limit line	Dark-Street Lights	No Pedestrian Involved
Proceeding through a red light	Dark-Street Lights	No Pedestrian Involved
Driver not stopping at an intersection with a stop sign	Daylight	No Pedestrian Involved
Vehicle not stopped behind a marked limit line	Dark-No Street Lights	No Pedestrian Involved
Unsafe left/right turn onto a roadway	Dark-Street Lights	No Pedestrian Involved
Vehicle not driven on the right half of the roadway	Dark-Street Lights	No Pedestrian Involved
Improper lane change	Daylight	No Pedestrian Involved
Driver not stopping at an intersection with a stop sign	Daylight	No Pedestrian Involved
Not riding as close as practicable to the right-hand-curb or edge	Daylight	No Pedestrian Involved
Not riding as close as practicable to the right-hand-curb or edge	Daylight	No Pedestrian Involved
Unsafe left/right turn onto a roadway	Daylight	No Pedestrian Involved
Driver not yielding right-of-way to pedestrian in marked and/or unmarked crosswalk	Dark-Street Lights	No Pedestrian Involved
Driver not yielding right-of-way to pedestrian in marked and/or unmarked crosswalk	Daylight	No Pedestrian Involved
Vehicle not driven on the right half of the roadway	Dark-Street Lights	No Pedestrian Involved
Vehicle not stopped behind a marked limit line	Daylight	No Pedestrian Involved
Driver not yielding right-of-way to pedestrian in marked and/or unmarked crosswalk	Daylight	No Pedestrian Involved

PRIMARYRD	SECONDRD	DATE_	CollSeveri
STATE ST	RAMONA BL	7/21/2016	Other Visible Injury
STATE ST	7TH ST	8/11/2016	Other Visible Injury
RAMONA BL	SAN JACINTO AV	9/1/2016	Injury - Complaint of Pain
7TH ST	HEWITT ST	7/26/2016	Injury - Complaint of Pain
7TH ST	LYON AV	9/8/2016	Other Visible Injury
S SAN JACINTO AV	MIDWAY AV	8/16/2016	Severy Injury
WARREN RD	ESPLANADE AV	9/5/2016	Other Visible Injury
RAMONA EXPWY	STATE ST	11/18/2016	Other Visible Injury
STATE ST	IDYLLWILD DR	11/1/2016	Injury - Complaint of Pain
RAMONA EXPWY	STATE ST	11/29/2016	Other Visible Injury
ESPLANADE AV	FREEDOM WY	12/14/2012	Other Visible Injury
7TH ST	GRAND AV	2/26/2012	Fatal
RAMONA BL	TAHQUITZ ST	4/17/2012	Other Visible Injury
RAMONA EXPWY	EAGLE RD	2/2/2012	Other Visible Injury
7TH ST	SANTA FE AV	10/28/2013	Severy Injury
STATE ST	RAMONA BL	7/19/2013	Other Visible Injury
SANDERSON AV	7TH ST	5/5/2013	Severy Injury
COMMONWEALTH AV	ESPLANADE AV	4/3/2013	Other Visible Injury
SAN JACINTO AV	MIDWAY ST	2/5/2013	Injury - Complaint of Pain
STATE ST	7TH ST	1/18/2013	Other Visible Injury
CAWSTON AV	ESPLANADE AV	2/10/2015	Other Visible Injury
S SAN JACINTO AV	S 7TH ST	1/3/2015	Severy Injury
HEWITT ST	COMMONWEALTH AV	12/15/2015	Severy Injury
W COMMUNITY COLLEGE DR	STATE ST	11/6/2014	Injury - Complaint of Pain
7TH ST	SAN JACINTO AV	11/19/2014	Severy Injury
LAS ROSAS DR	EVANS ST	12/5/2014	Other Visible Injury
W 7TH ST	GRAND AV	11/26/2014	Severy Injury
SAN JACINTO AV	SHAVER ST	12/24/2014	Fatal
SAN JACINTO AV	ESPLANADE AV	11/20/2014	Other Visible Injury
STATE ST	ESPLANADE AV	9/25/2014	Injury - Complaint of Pain
SAN JACINTO AV	COMMONWEALTH AV	10/2/2014	Severy Injury
ESPLANADE AV	SAN JACINTO AV	5/3/2014	Severy Injury
ESPLANADE AV	ARROYO VIEJO DR	5/19/2014	Other Visible Injury

VC_Viol	Lighting Condition	PedAction
Not riding as close as practicable to the right-hand-curb or edge	Dark-Street Lights	No Pedestrian Involved
Vehicle not driven on the right half of the roadway	Dark-Street Lights	No Pedestrian Involved
Proceeding through a red light	Daylight	No Pedestrian Involved
Vehicle not stopped behind a marked limit line	Dark-Street Lights	No Pedestrian Involved
Driver not stopping at an intersection with a stop sign	Daylight	No Pedestrian Involved
Driving at an unsafe speed	Dark-No Street Lights	No Pedestrian Involved
Riding a bike without proper parts	Dark-No Street Lights	No Pedestrian Involved
Not riding in an established bicycle lane	Daylight	No Pedestrian Involved
Proceeding through a red light	Dark-Street Lights	No Pedestrian Involved
Proceeding through a red light	Dark-Street Lights	No Pedestrian Involved
Driver not yielding right-of-way to pedestrian in marked and/or unmarked crosswalk	Daylight	Crossing in Crosswalk at Intersection
Walking in the roadway	Dark-No Street Lights	In Road, Including Shoulder
Pedestrian violating vehicular right-of-way and causing an immediate hazard	Dark-Street Lights	Crossing Not in Crosswalk
Violating green signal and arrow right-of-way	Daylight	Crossing in Crosswalk at Intersection
Driver not yielding right-of-way to pedestrian in marked and/or unmarked crosswalk	Daylight	Crossing in Crosswalk at Intersection
Violating pedestrian "Wait" or "Don't Walk" signal	Dark-Street Lights	Crossing in Crosswalk at Intersection
Driving at an unsafe speed	Dark-Street Lights	In Road, Including Shoulder
Walking in the roadway	Daylight	Crossing Not in Crosswalk
Walking in the roadway	Dark-No Street Lights	Crossing Not in Crosswalk
Walking in the roadway	Dark-Street Lights	In Road, Including Shoulder
Driving at an unsafe speed	Daylight	In Road, Including Shoulder
Pedestrian violating vehicular right-of-way and causing an immediate hazard	Dark-No Street Lights	Crossing Not in Crosswalk
Pedestrian violating vehicular right-of-way and causing an immediate hazard	Dark-No Street Lights	In Road, Including Shoulder
Pedestrian violating vehicular right-of-way and causing an immediate hazard	Daylight	In Road, Including Shoulder
Pedestrian violating vehicular right-of-way and causing an immediate hazard	Dark-No Street Lights	Crossing Not in Crosswalk
Vehicle not stopped behind a marked limit line	Dark-Street Lights	Crossing in Crosswalk at Intersection
Driver not yielding right-of-way to pedestrian in marked and/or unmarked crosswalk	Dark-Street Lights	Crossing in Crosswalk at Intersection
Driving at an unsafe speed	Dark-Street Lights	In Road, Including Shoulder
Jaywalking	Dark-No Street Lights	Crossing Not in Crosswalk
Proceeding through a red light	Dusk-Dawn	Not in Road
Proceeding through a red light	Dusk-Dawn	Crossing in Crosswalk at Intersection
Pedestrian violating vehicular right-of-way and causing an immediate hazard	Dark-Street Lights	Crossing Not in Crosswalk
Pedestrian violating vehicular right-of-way and causing an immediate hazard	Dark-No Street Lights	Crossing Not in Crosswalk

PRIMARYRD	SECONDRD	DATE_	CollSeveri
SANTA FE AV	7TH ST	3/18/2014	Severy Injury
VICTORIA AV	STATE ST	2/12/2014	Injury - Complaint of Pain
MISTLETOE AV	3RD ST	1/2/2014	Other Visible Injury
IDYLLWILD DR	ATTENBOROUGH WY	5/26/2015	Injury - Complaint of Pain
LOS ROSAS DR	EVANS ST	8/17/2015	Injury - Complaint of Pain
W 2ND ST	PICO ST	8/21/2015	Severy Injury
SAN JACINTO AV	ESPLANADE AV	11/20/2015	Injury - Complaint of Pain
RAMONA EXPWY	STATE ST	7/29/2016	Fatal
STATE ST	7TH ST	10/16/2016	Fatal
SAN JACINTO AV	MIDWAY ST	10/5/2016	Fatal
PALM AV	COTTONWOOD AV	3/1/2016	Severy Injury
SAN JACINTO AV	MIDWAY ST	4/16/2016	Other Visible Injury
ESPLANADE AV	KIRBY ST	5/26/2016	Severy Injury
SAN JACINTO AV	1ST ST	8/12/2016	Other Visible Injury
SAN JACINTO	COMMONWEALTH AV	10/6/2016	Injury - Complaint of Pain
SOUTH SAN JACINTO	MENLO AV	10/10/2016	Fatal
HEWITT ST	PARK AV	9/26/2016	Fatal
STATE ST	ESPLANADE AV	6/21/2016	Fatal
SANDERSON AV	COTTONWOOD AV	8/29/2016	Fatal
GLIDER PL	AIRLIFT ST	9/6/2016	Other Visible Injury
SAN JACINTO AV	MIDWAY ST	12/16/2014	Injury - Complaint of Pain

VC_Viol	Lighting Condition	PedAction
Pedestrian violating vehicular right-of-way and causing an immediate hazard	Dark-Street Lights	Crossing Not in Crosswalk
Pedestrian violating vehicular right-of-way and causing an immediate hazard	Daylight	Crossing Not in Crosswalk
Pedestrian violating vehicular right-of-way and causing an immediate hazard	Daylight	Crossing Not in Crosswalk
Walking in the roadway	Dark-Street Lights	Crossing Not in Crosswalk
Unsafe start and movement of a stopped, standing or parked vehicle on a highway	Daylight	Crossing Not in Crosswalk
Driver not yielding right-of-way to pedestrian in marked and/or unmarked crosswalk	Daylight	Crossing Not in Crosswalk
Driver not yielding right-of-way to pedestrian in marked and/or unmarked crosswalk	Daylight	In Road, Including Shoulder
Pedestrian violating vehicular right-of-way and causing an immediate hazard	Dark-Street Lights	Crossing Not in Crosswalk
Pedestrian violating vehicular right-of-way and causing an immediate hazard	Dark-Street Lights	Crossing Not in Crosswalk
Pedestrian violating vehicular right-of-way and causing an immediate hazard	Daylight	Crossing Not in Crosswalk
Driver not yielding right-of-way to pedestrian in marked and/or unmarked crosswalk	Dark-No Street Lights	Crossing in Crosswalk at Intersection
Pedestrian violating vehicular right-of-way and causing an immediate hazard	Dusk-Dawn	In Road, Including Shoulder
Pedestrian violating vehicular right-of-way and causing an immediate hazard	Dark-No Street Lights	In Road, Including Shoulder
Driver not yielding right-of-way to pedestrian in marked and/or unmarked crosswalk	Daylight	Crossing in Crosswalk at Intersection
Unknown	Daylight	Not in Road
Walking in the roadway	Dark-Street Lights	In Road, Including Shoulder
Pedestrian violating vehicular right-of-way and causing an immediate hazard	Dark-No Street Lights	Crossing Not in Crosswalk
Pedestrian violating vehicular right-of-way and causing an immediate hazard	Dark-No Street Lights	In Road, Including Shoulder
Pedestrian violating vehicular right-of-way and causing an immediate hazard	Dark-No Street Lights	In Road, Including Shoulder
Driver not yielding right-of-way to pedestrian in marked and/or unmarked crosswalk	Dark-Street Lights	In Road, Including Shoulder
	Daylight	Not in Road