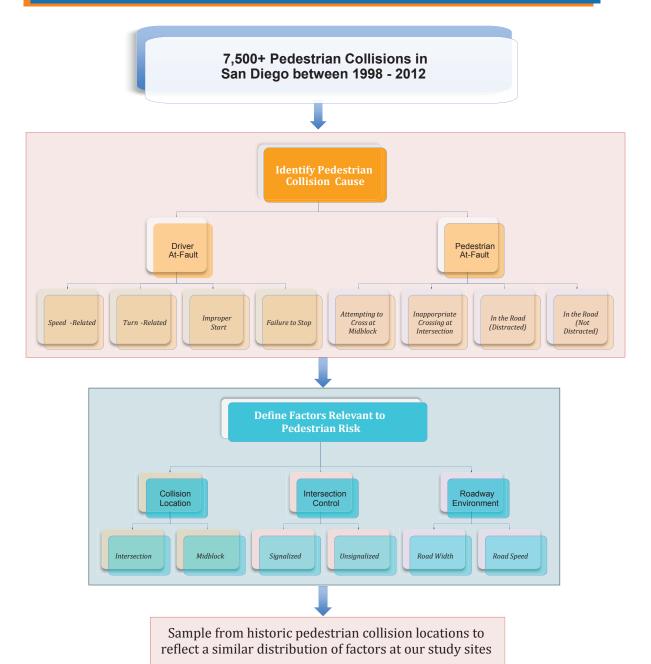




Study Site Selection Process







Pedestrian Collision Stratification (Driver At-Fault)



Collision Location,		TO [.]	ΓAL	PEDESTRIAN COLLISION CAUSES										
	Intersection Control & Roadway Environment		COLLISIONS (Driver At-Fault)		Speed-Related		Turn-Related		Improper Start		Failure to Stop		Other	
DRIVEWAY/ ALLEY¹	High Speed and Few Lanes	14	100%	1	7.1%	1	7.1%	3	21.4%	2	14.3%	7	50.0%	
	High Speed and Many Lanes	74	100%	2	2.7%	14	18.9%	35	47.3%	4	5.4%	19	25.7%	
RIVE	Low Speed and Few Lanes	77	100%	4	5.2%	8	10.4%	14	18.2%	0	0.0%	51	66.2%	
٥	Low Speed and Many Lanes	15	100%	1	6.7%	1	6.7%	6	40.0%	1	6.7%	7	46.7%	
\succeq	High Speed and Few Lanes	32	100%	3	9.4%	11	34.4%	3	9.4%	1	3.1%	15	46.9%	
MID-BLOCK	High Speed and Many Lanes	103	100%	17	16.5%	32	31.1%	14	13.6%	2	1.9%	40	38.8%	
	Low Speed and Few Lanes	219	100%	32	14.6%	51	23.3%	23	10.5%	3	1.4%	111	50.7%	
2	Low Speed and Many Lanes	36	100%	5	13.9%	13	36.1%	6	16.7%	0	0.0%	14	38.9%	
	High Speed and Few Lanes	164	100%	2	1.2%	104	63.4%	22	13.4%	9	5.5%	30	18.3%	
HIZE	High Speed a <mark>nd Many Lanes</mark>	1,047	100%	24	2.3%	544	52.0%	195	18.6%	97	9.3%	218	20.8%	
SIGNALIZED	Low Speed and Few Lanes	272	100%	6	2.2%	165	60.7%	34	12.5%	17	6.3%	55	20.2%	
S	Low Speed and Many Lanes	261	100%	7	2.7%	139	53.3%	37	14.2%	32	12.3%	53	20.3%	
	High Speed and Few Lanes	89	100%	5	5.6%	30	33.7%	20	22.5%	8	9.0%	27	30.3%	
UN- SIGNALIZED	Hig <mark>h Speed an</mark> d Many Lanes	232	100%	15	6.5%	76	32.8%	56	24.1%	29	12.5%	66	28.4%	
UN	Low Speed and Few Lanes	510	100%	30	5.9%	179	35.1%	120	23.5%	39	7.6%	156	30.6%	
IS .	Low Speed and Many Lanes	75	100%	5	6.7%	23	30.7%	20	26.7%	4	5.3%	25	33.3%	
	Totals by Collision Causes	3,220	100%	159	4.9%	1,391	43.2%	60	18.9%	248	7.7%	894	27.8%	

Source: Chen Ryan Associates, October 2013



Pedestrian Collision Stratification (Pedestrian At-Fault)



Collision Location,		TOTAL C	OLLISIONS	PEDESTRIAN COLLISION CAUSES									
	Intersection Control & Roadway Environment		(Pedestrian At-Fault)		Attempting to Cross Mid- Block		Inappropriate crossing at intersection		e Road / cracted	In the Road / Not Distracted		Other	
DRIVEWAY/ ALLEY¹	High Speed and Few Lanes	2	100%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	2	100.0%
	High Speed and Many Lanes	18	100%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	18	100.0%
RIVE	Low Speed and Few Lanes	53	100%	3	5.7%	0	0.0%	0	0.0%	0	0.0%	50	94.3%
9	Low Speed and Many Lanes	3	100%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	3	100.0%
×	High Speed and Few Lanes	188	100%	146	77.7%	3	1.6%	18	9.6%	20	10.6%	1	0.5%
MID-BLOCK	High Speed and Many Lanes	698	100%	560	80.2%	9	1.3%	58	8.3%	58	8.3%	13	1.9%
	Low Speed and Few Lanes	1,152	100%	696	60.4%	13	1.1%	271	23.5%	157	13.6%	15	1.3%
2	Low Speed and Many Lanes	135	100%	107	79.3%	2	1.5%	11	8.1%	14	10.4%	1	0.7%
	High Speed and Few Lanes	33	100%	2	6.1%	21	63.6%	4	12.1%	3	9.1%	3	9.1%
SIGNALIZED	High Speed and Many Lanes	405	100%	8	2.0%	331	81.7%	25	6.2%	16	4.0%	25	6.2%
GNA	Low Speed and Few Lanes	63	100.0%	1	1.6%	50	79.4%	5	7.9%	2	3.2%	5	7.9%
S	Low Speed and Many Lanes	58	100.0%	1	1.7%	49	84.5%	4	6.9%	0	0.0%	4	6.9%
	High Speed and Few Lanes	24	100.0%	0	0.0%	14	58.3%	3	12.5%	2	8.3%	5	20.8%
N- LIZE	High Speed and Many Lanes	93	100.0%	2	2.2%	63	67.7%	8	8.6%	7	7.5%	13	14.0%
UN- SIGNALIZED	Low Speed and Few Lanes	146	100.0%	3	2.1%	83	56.8%	14	9.6%	21	14.4%	25	17.1%
SI	Low Speed and Many Lanes	33	100.0%	2	6.1%	17	51.5%	3	9.1%	3	9.1%	8	24.2%
	Totals by Collision Causes	3,104	100%	1,531	49.3%	655	21.1%	424	13.7%	303	9.8%	191	6.2%

Source: Chen Ryan Associates, October 2013



Study Site Sampling

by Location, Intersection Control and Roadway Environment Patterns
(Total Drive and Pedestrian at-Fault)

I	way	Signalized				Unsignalized				Mid-Block				
	ocation and Roadway Environment Factors	35mph and >	35mph and >	<35mph	<35mph	35mph and >	35mph and >	<35mph	<35mph	35mph and >	35mph and >	<35mph	<35mph	Total
	Location an Environme	4-Ln and >	<4-Ln	4-Ln and >	<4-Ln	4-Ln and >	<4-Ln	4-Ln and >	<4-Ln	4-Ln and >	<4-Ln	4-Ln and >	<4-Ln	
ı	Loca	10	2	3	3	3	1	1	6	8	1	1	11	50
ı		18 (36%)			11 (22%)			21 (42%)				50		



Twenty-One Proposed Mid-Block Study Sites

Community Planning Area	Study Site	Roadway Environment	Number of Collisions			
City Heights	University Ave, west of Euclid Ave	High/Few	1			
City Heights	Euclid Ave, south of El Cajon Blvd	Low/Few	1			
Clairemont Mesa	Balboa Ave, west of Mt Rias Pl	High/Many	1			
Encanto	47 th St, south of Market St	High/Many	2			
Encanto	Imperial Ave, east of 50 th St	High/Many	1			
Kearney Mesa	Convoy St, south of Balboa Ave	High/Many	1			
Linda Vista	Comstock St, east of Linda Vista Rd	Low/Few	1			
Midway	Rosecrans St, north of Sports Arena Blvd	High/Many	2			
Mira Mesa	Mira Mesa Blvd, east of Camino Ruiz	High/Many	1			
Mission Beach	Mission Blvd, south of Isthmus Ct	Low/Few	1			
North Park	30th St, north of University Ave	Low/Few	1			
Otay Mesa	Otay Mesa Rd, west of Hawken Dr	Low/Few	1			
Otay Nestor	16 th St, south of Dahlia Ave	Low/Few	1			
Pacific Beach	Garnet Ave, west of Dawes St	Low/Few	1			
San Ysidro	Cottonwood Rd, south of Blanche St	Low/Few	1			
San Ysidro	San Ysidro Blvd, south of Bolton Hall Rd	Low/Few	1			
Southeastern	Commercial St, east of 25 th St	Low/Few	1			
University	La Jolla Village Dr, west of Executive Way	High/Many	1			
University	Regents Rd, south of Nobel Dr	High/Many	1			
Uptown	6th Ave, south of Nutmeg St	Low/Many	1			
Uptown	5 th Ave, north of Brookes Ave	Low/Few	1			
Total Mid-Block Study Site Pedestrian Collisions						







Eleven (11) Proposed Unsignalized Study Sites

Community Planning Area	Study Site	Roadway Environment	Number of Collisions
City Heights	Menlo Ave / University Ave	High/Few	8
City Heights	Highland Ave / Orange Ave	Low/Few	6
La Jolla	La Jolla Blvd / Forward St	Low/Few	3
Mira Mesa	Westonhill Dr / Capricorn Way	Low/Few	4
Normal Heights	34 th St / Adams Ave	Low/Few	2
Ocean Beach	Sunset Cliffs Blvd / Brighton Ave	Low/Few	1
Otay Nestor	Churrituck Dr / Palm Ave	High/Many	3
Paradise Valley	Brandywood St / Las Lidia Ct	Low/Few	3
Pacific Beach	Mission Blvd / Hornblend St	High/Many	3
University	I-5 SB Ramps / La Jolla Village Dr	High/Many	2
Uptown	Centre St / University Ave	Low/Many	5
	40		



Eighteen (18) Proposed Signalized Study Sites

Community Planning Area	Study Site	Roadway Environment	Number of Collisions
Barrio Logan	Harbor Dr / Sampson St	High/Many	4
City Heights	Marlborough St / University Avenue	Low/Many	16
City Heights	52nd St / University Ave	High/Many	13
Downtown	6th Ave / Broadway	High/Many	8
Downtown	1st Ave / Washington St	High/Many	6
Downtown	5th Ave / Market St	Low/Many	5
Downtown	G St / 14 th St	Low/Few	1
Eastern	Euclid Ave / Federal Blvd	High/Many	4
Encanto	Euclid Ave / Naranja St	High/Many	12
Mira Mesa	Greenford Dr / Mira Mesa Blvd	High/Many	9
Old Town	San Diego Ave / Old Town Ave	High/Few	2
Old Town	Juan St / Taylor St	High/Many	7
Pacific Beach	Mission Blvd / Garnet St	High/Many	8
Peninsula	W. Point Loma Blvd / Groton St	High/Many	1
Southeastern	30 th St / National Ave	Low/Few	4
Southeastern	32 nd St / National Ave	High/Few	4
Southeastern	28th St / K St	Low/Few	2
Southeastern	25th St /J St	Low/Many	1
	107		

Preliminary Study Sites



