

**Garden Grove LRSP  
Top 30 Signalized Intersections - Primary Collision Type**

No.	Intersection	Primary Collision Type	Total Number of Collisions	Collision by Movement	Total	2016			2017			2018			2019			2020			Rear Ends & Broadside - Potential Yellow reflective backplates? Red #, includes one DUI collision  Notes	
						Day	Night	Total	Day	Night	Total	Day	Night	Total	Day	Night	Total	Day	Night	Total		
1	West St at Garden Grove Blvd	Broadside	35	NB Left	19	1	3	4		1	1	3	0	3	7	2	9	1	1	2	Verify Operation and NBL Collisions, Potential Improvement - Add All-Red timing, video/radar detection, additional EBT/WBT signal veh indication, potential E/W Prot only left turns	
				EB Left	8				4	4			1	2	3	1		1				
				Other	8					0				0				0		0		
2	Fairview St at Garden Grove Blv	Rear End	16	NB Thru	7			0			0			0		0			0	Caltrans - SKIP		
				SB Thru	2			0			0			0			0		0			
				WB Thru	3			0			0			0			0		0			
				EB Thru	4			0			0			0			0		0			
				NB	10			0			0			0			0		0			
				SB	3			0			0			0			0		0			
				WB	1			0			0			0			0		0			
		EB	6			0			0			0			0		0					
		Broadside	15	NB Left	2			0			0					0		0			0	
				EB Left	1			0			0					0		0			0	
				WB Left	1			0			0						0		0			0
SB Left	1					0			0						0		0		0			
Other	10			0			0			0			0		0		0					
3	Brookhurst St at Chapman Ave	Rear End	21	NB Thru	7		1	1			0	2		2	3		3		1	1	Potential Improvement - Add video/radar detection all directions	
				SB Thru	5			0			0			0			0			0		
				WB Thru	7		1	1	2	1	3		1	1	1	1	1	1	1	1		
				EB Thru	2			0			0			0			0		0			0
4	Harbor Blvd at Trask Ave	Rear End	18	NB Thru	5			0			0			0		0			0	Potential Improvement - Add video/radar detection all directions, Add 2nd NBT veh indication		
				SB Thru	4			0			0			0		0		0			0	
				WB Thru	5			0			0			0		0		0			0	
				EB Thru	4			0			0			0		0		0			0	
		Sideswipe	14	NB	6	1		1	1	1		1	1	1	1	1	1	1	1		1	NB Chg lanes/NBT, NBR/NBR, NBR/SBT, NBR/NBT, NBL/SBR, NBR/NBL, NBR/NBT...Check signage for Fwy EB on-ramp
				SB	2			0			0			0		0		0			0	
5	Euclid St at Trask Ave	Read End	21	NB Thru	8		1	1	3		3		1	1		1		2	2	Potential Improvement - Add video/radar detection all directions		
				SB Thru	2			0			0			0		0		0			0	
				WB Thru	4			0			0			0		0		0			0	
				EB Thru	7	2		2	2	2		2	0	2	2	1	1	1				
6	Brookhurst St at Trask Ave	Rear End	30	NB Thru	11	1	1	2	2	1	3	1	1		3	3	2		2	Check advance detection zone...Potential Improvement - Add video/radar detection all directions, add 3rd NBT/SBT veh indication (may need upgraded pole or move SNS to signal pole)		
				SB Thru	14		1	1	3	2	5	2	4	6		2	2		0			
				WB Thru	2			0			0			0		0		0			0	
				EB Thru	3			0			0			0		0		0			0	
7	Euclid St at Chapman Ave	Rear End	18	NB Thru	2			0			0			0		0			0	One-Two rear end collisions (correctable) per year		
				SB Thru	6	1		1	1	2		2		1	1		1	1				
				WB Thru	5	1		1	1	2	1	3		0			0	0				
				EB Thru	5			0			0			0		0		0			0	
8	Euclid St at Garden Grove Blvd	Rear End	15	NB Thru	9	1		1			0	2		2	2		2	1	3	4	Potential Improvement - Add video/radar detection all directions	
				SB Thru	1			0			0			0		0		0		0		
				WB Thru	2			0			0			0		0		0		0		
				EB Thru	3			0			0			0		0		0		0		
		Sideswipe	15	NB	5			0		1	1	2		2	1	1	2			0		Sideswipe - NBU/NBL, NB Chg lanes/NBT (2), NBT/WBT,NBL/NBT
				SB	2			0			0			0		0		0		0		
				WB	1			0			0			0		0		0		0		
				EB	3			0			0			0		0		0		0		
Other	4			0			0			0		0		0		0	0					
9	Magnolia St at Garden Grove Blvd	Rear End	17	NB Thru	6	1		1			0			0	2		2	2	1	3	NB already has add indication on SW corner	
				SB Thru	3			0			0			0		0		0		0		
				WB Thru	5			0			0			0		0		0		0		
				EB Thru	2			0			0			0		0		0		0		
				Other	1			0			0			0		0		0		0		



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						Day	Night	Total	Day	Night	Total	Day	Night	Total	Day	Night	Total	Day	Night	Total	
21	Chapman Ave at 9th St	Rear End	9	NB Thru	2			0			0			0			0			PPLT All Directions  Other: WBT/SBT (3), NBT/WBT, NBT/EBT, EBT/SBT, NBR/Bike (wrong side)	
				SB Thru	3			0			0			0			0				0
				WB Thru	1			0			0			0			0				0
				EB Thru	3			0			0			0			0				0
		Broadside	11	SB Left	1			0			0			0			0				0
				WB Left	1			0			0			0			0				0
				EB Left	2			0			0			0			0				0
Other	7			0	3	1	4	1	1	2	1	1	1	1	0			0			
22	Chapman Ave at Magnolia St	Rear End	15	NB Thru	3			0			0			0			0				
				SB Thru	3			0			0			0			0			0	
				WB Thru	5			0			0			0			0			0	
				EB Thru	4			0			0			0			0			0	
23	Lampson Ave at Knott St	Broadside	14	NB Left	2			0			0			0			0			Existing - N/S Prot Only Left, E/W PPLT  SBT/EBT (2), NBT/WBT (2), NBT/EBT DUI, SBT/SBR, WBL/WBT?	
				SB Left	1			0			0			0			0				
				WB Left	1			0			0			0			0				
				EB Left	3			0			0			0			0				
				Other	7	1		1	1	1	2	1	1	2	1	3	0				
24	Chapman Ave at Gilbert St	Rear End	13	NB Thru	1			0			0			0			0			Existing - E/W Prot Only Left, N/S PPLT  EBT/NBT (4), WBT/NBT (2),NBR/Bike, SBT/EBT,SBT/WBT	
				SB Thru	4			0			0			0			0				
				WB Thru	5			0			0			0			0				
				EB Thru	2			0			0			0			0				
		Broadside	11	Other	1			0			0					0			0		
				WB Left	1			0			0			0			0				
				EB Left	1			0			0			0			0				
Other	9	2		2	1		1	3		3	1	2	3	0							
25	Haster St at Lampson Ave	Broadside	10	NB Left	4	<b>Skip - City to upgrade to PPLT All Dir</b>															
				SB Left	1																
				WB Left	2																
				Other	3																
26	Westminster Ave at Euclid St	Rear End	15	NB Thru	1			0			0			0			0				
				SB Thru	6			0			2			2		1	1	1	2		3
				WB Thru	2			0			0			0			0				0
				EB Thru	6	2		2			0	2	1	3			0	1			1
27	Harbor Blvd at Chapman Ave	Rear End	10	NB Thru	1			0			0			0			0			Part of the Top Ten Fatal/Severe Locations	
				SB Thru	3			0			0			0			0				
				WB Thru	1			0			0			0			0				
				EB Thru	5			0			0			0			0				
28	Garden Grove Blvd at Nelson St	Rear End	7	SB Thru	1			0			0			0			0				
				WB Thru	3			0			0			0			0				
				EB Thru	3			0			0			0			0				
		Broadside	9	NB Left	1			0			0			0			0				
				SB Left	2			0			0			0			0				
				WB Left	2			0			0			0			0				
				EB Left	2			0			0			0			0				
Other	2			0			0			0			0								
29	Haster St at Chapman Ave	Rear End	17	NB Thru	6			0		2	2			0			0	3	1	4	
				SB Thru	3			0			0			0			0			0	
				WB Thru	2			0			0			0			0			0	
				EB Thru	4			0			0			0			0			0	
				Other	2			0			0			0			0			0	

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						Day	Night	Total	Day	Night	Total	Day	Night	Total	Day	Night	Total	Day	Night	Total	
30	Taft St at Trask Ave	Broadside	12	NB Left	1			0			0			0			0			0	
				SB Left	1			0			0			0			0			0	
				WB Left	3			0			0			0			0			0	
				EB Left	1			0			0			0			0			0	
				Other	6	1	1	2	1		1	1	1	1	1	1	1	1	1	1	
31	Brookhurst St at Woodbury Ave	Broadside	7	SB Left	1			0			0			0			0			0	NBT/EBT, SBT/WBT (2), NB Enter/NB Chg Lanes, EBT/SBT
				EB Left	1			0			0			0			0			0	
				Other	5	1		1	2	1	3	1		1			0			0	
32	Valley View St at Lampson Ave	Broadside	6	NB Left	1			0			0			0			0			0	Heavy EB left turn demand. Adequate sight distance
				SB Left	1			0			0			0			0			0	
				EB Left	4			0	1	1	2	1	1	2			0			0	
		Rear End	6	NB Thru	4	1		1	1		1	1		1			0		1	1	
				SB Thru	1			0			0			0			0			0	
		Other	1			0			0			0			0			0			
33	Knott St from Stanford Ave to Lampson Ave [moved to midblock analysis]	Broadside	20	NB Left	1			0			0			0			0			0	
				SB Left	1			0			0			0			0			0	
				WB Left	3			0			0			0			0			0	
				EB Left	2			0			0			0			0			0	
				Other	13	1	1	2	1	3	4	1		1	4	1	5	1		1	

Notes Other includes: Through, Right turn