

Red Light Cameras in Austin

Austin Police Department
Highway Enforcement Command



video

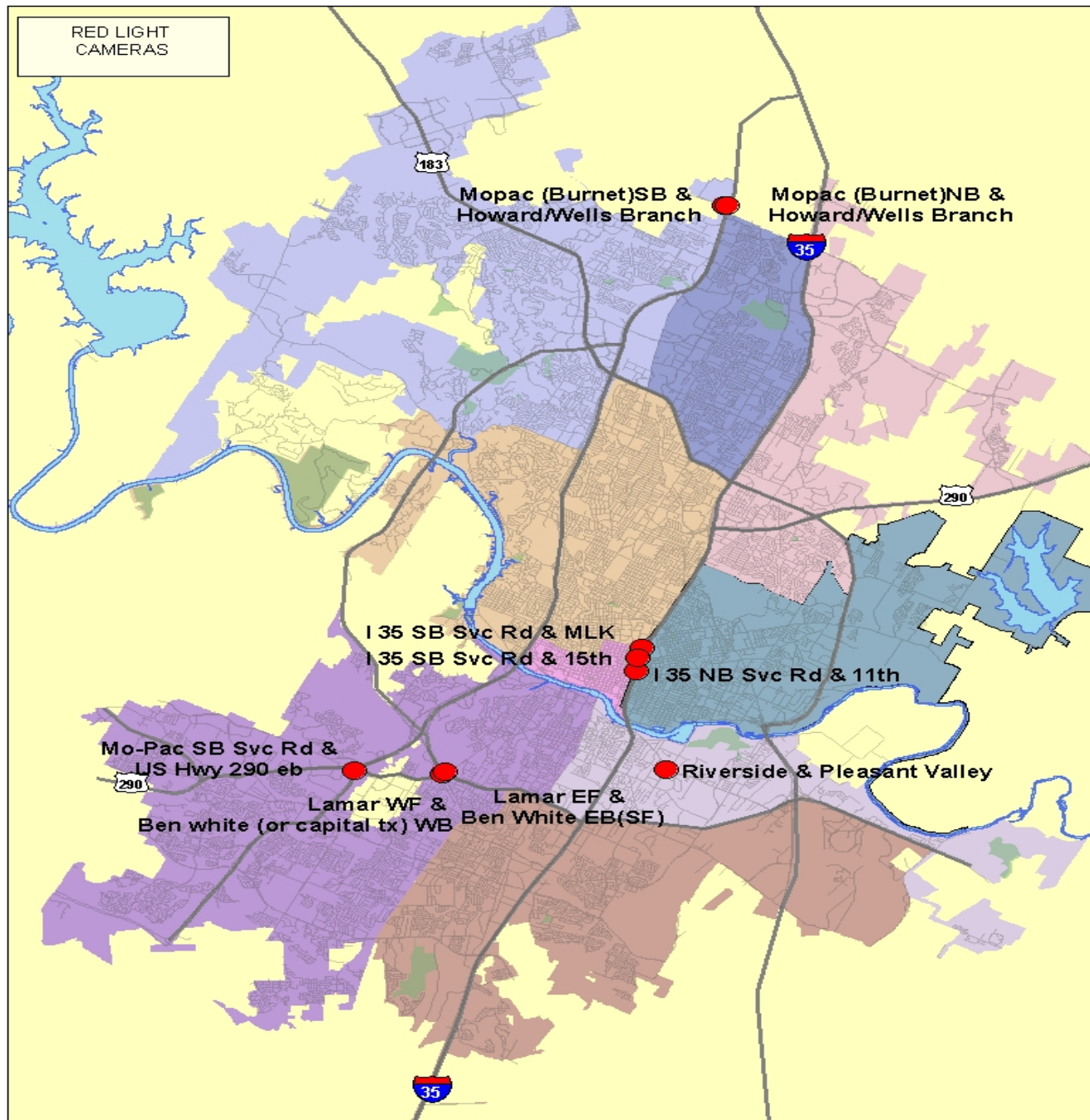


MLK WB/I35 EF SB

Video



RED LIGHT
CAMERAS



2014 Red Light Violations

- 10 camera approaches (direction of cameras) in Austin throughout city
- 11,571 RLC citations issued at RLC intersections (56%)
- 9,070 citations issued by officers at the same intersections (44%)
- Monthly, 2.6 million vehicles pass through the 10 cameras. 99.96% are non violation
- Technology is a force multiplier!

Statistics					
Month	Total Vehicles	Citations	% to Volume	Non-Violators	
Nov-12	2,588,405	674	0.03%	99.97%	
Dec-12	2,515,527	662	0.03%	99.97%	
Jan-13	2,653,114	517	0.02%	99.98%	
Feb-13	2,700,983	596	0.02%	99.98%	
Mar-13	3,001,462	800	0.03%	99.97%	
Apr-13	2,891,321	813	0.03%	99.97%	
May-13	2,748,283	721	0.03%	99.97%	
Jun-13	2,567,200	758	0.03%	99.97%	
Jul-13	1,943,119	626	0.03%	99.97%	
Aug-13	1,834,144	944	0.05%	99.95%	
Sep-13	1,902,645	1,091	0.06%	99.94%	
Oct-13	2,219,702	1,037	0.05%	99.95%	
Nov-13	2,364,839	1,015	0.04%	99.96%	
Dec-13	2,494,329	1,018	0.04%	99.96%	
Jan-14	2,493,037	996	0.04%	99.96%	
Feb-14	2,336,907	910	0.04%	99.96%	
Mar-14	2,725,123	990	0.04%	99.96%	
Apr-14	2,723,004	795	0.03%	99.97%	
May-14	2,803,990	908	0.03%	99.97%	
Jun-14	2,229,358	1,334	0.06%	99.94%	
Jul-14	2,691,611	1,216	0.05%	99.95%	
Aug-14	2,895,098	761	0.03%	99.97%	
Sep-14	2,771,754	1,204	0.04%	99.96%	
Oct-14	2,907,039	868	0.03%	99.97%	
Nov-14	2,236,260	547	0.02%	99.98%	
Dec-14	2,506,633	827	0.03%	99.97%	
Jan-15	2,534,240	668	0.03%	99.97%	
Grand Total	68,279,127	23,296	0.03%	99.97%	

Since 2008

Notices Printed by Approach								
	2008	2009	2010	2011	2012	2013	2014	2015
AUS-1135-01	0	441	507	444	180	195	328	27
AUS-290MP-01	763	1,896	1,410	1056	1,230	1,021	1,110	63
AUS-3511-01	1,348	4,760	3,917	2,975	2,503	3,344	4,125	282
AUS-3515-01	901	2,690	1,948	1,699	1,931	2,009	2,262	150
AUS-EBWLA-01	0	1,834	568	287	437	523	653	39
AUS-HOBU-01	215	1,424	797	713	1,040	1,029	1,147	46
AUS-MLK35-01	0	515	474	91	304	664	684	20
AUS-NWBBU-01	0	89	15	12	12	14	17	2
AUS-PVRI-01	474	881	757	554	745	568	479	27
AUS-WBWLA-01	0	1,286	553	337	415	569	551	12
Total	3,701	15,816	10,946	8,168	8,797	9,936	11,356	668

Mopac SB –Hwy 290 EB

Activated 09-30-08

	Pre Activation 18 Months	Post Activation 22 Months
Total Crashes	11	8
Resulted in Injury	8	1
Red Light	11	4
Fatalities	0	0
Average Per Month	0.6	0.4

Difference 40% Decrease

I-35 N/B- 11th St.

Activated 05-23-08

	Pre Activation 18 Months	Post Activation 26 Months
Total Crashes	30	32
Resulted in Injury	26	26
Red Light	26	29
Fatalities	0	0
Average Per Month	1.7	1.2

Difference

26% Decrease

I-35 S/B- 15th

Activated 09-30-08

	Pre Activation 12 Months	Post Activation 12 Months
Total Crashes	35	27
Red Light	4	4
Difference	23% Decrease in total collisions, zero those caused by running light.	

Five Years Later 15 Collisions and 3 Red Light
(Oct 13- Sept 14)

Mopac N/B- Howard Lane

Activated 03-31-09

	Pre Activation 18 Months	Post Activation 16 Months
Total Crashes	12	8
Resulted in Injury	8	5
Red Light	7	7
Fatalities	0	0
Average Per Month	0.7	0.5

Difference

25% Decrease

Mopac S/B- Howard Lane

Activated 10-31-08

	Pre Activation 18 Months	Post Activation 22 Months
Total Crashes	9	3
Resulted in Injury	5	1
Red Light	2	0
Fatalities	0	0
Average Per Month	0.5	0.1

Difference

73% Decrease

Ben White Blvd/Lamar

Activated 03-31-09

	Pre Activation 12 Months	Post Activation 12 Months
Total Crashes	38	18
Red Light	8	4
Difference	53% Decrease in total collisions, 50% decrease in those caused by running red light.	
<u>Five Years Later</u> (Apr 14- May 15)	7 collisions, 2 red light related, 63% decrease in collision and 50% decrease in red light related (WB camera) Same date range for EB camera, 2 collisions and zero red light related, 89% crashes and 100% red light related decrease	

Pleasant Valley - Riverside

Activated 06-13-08

	Pre Activation 18 Months	Post Activation 25 Months
Total Crashes	40	44
Resulted in Injury	23	25
Red Light	26	26
Fatalities	0	0
Average Per Month	2.2	1.8

Difference 21% Decrease

2014 Fatalities

- 11 fatal crashes resulting in 14 deaths due to running red lights in Austin.
- None were at RLC intersections
- RLC alone does not prevent or create collisions but they do reduce the likelihood of them occurring while capturing the event on video.

Limitations in Texas

- Sec. 542.2035. LIMITATION ON MUNICIPALITIES. (a) A municipality may not implement or operate an automated traffic control system with respect to a highway or street under its jurisdiction for the purpose of enforcing compliance with posted speed limits. The attorney general shall enforce this subsection.

Criminal Violation

➤ Sec. 707.006

(a) A local authority shall operate a photographic traffic control signal enforcement system only for the purpose of detecting a violation or suspected violation of a traffic-control signal.

(b) A person commits an offense if the person uses a photographic traffic signal enforcement system to produce a recorded image other than in the manner and for the purpose specified by this chapter.

(c) An offense under this section is a Class A misdemeanor.

Crash Data

Fatality Crashes Due to Speeding and Running a Red light

Speeding										
Fatality Type	2007	2008	2009	2010	2011	2012	2013	2014	2015*	TOTAL
18 Wheeler				1						1
Bicyclist	1									1
Motor Vehicle	10	8	11	14	10	6	15	11	16	101
Motorcycle	4	10	3	6	2	1	1	8	5	40
Pedestrian	1			2				1		4
TOTAL	16	18	14	23	12	7	16	20	21	147
Total Crashes	59	57	60	47	49	75	72	56	72	547
% of Crashes w/ speed	27%	32%	23%	49%	24%	9%	22%	36%	29%	27%

Crash Data Continued

Ran Red Light					
Fatality Type	2013	2014	2015*	Total	
Motor Vehicle	3	9	3	15	
Motorcycle		2		2	
TOTAL	3	11	3	17	
Total Crashes	72	56	72	200	
% of Crashes w/ running a red light	4%	20%	4%	9%	