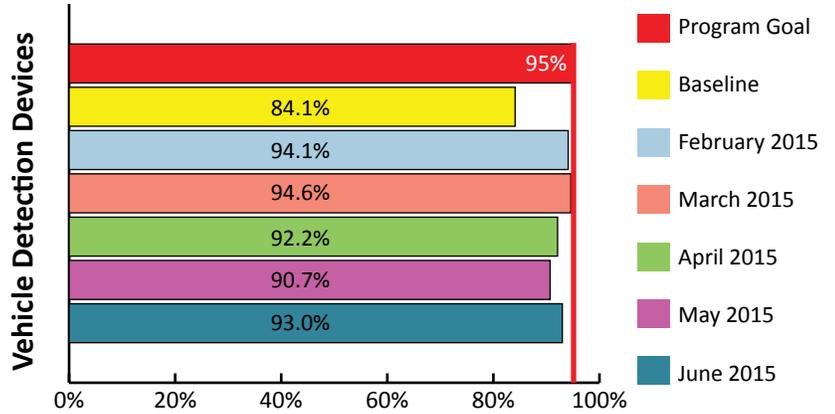




Regional Traffic Operations Program Monthly Progress Report June 2015

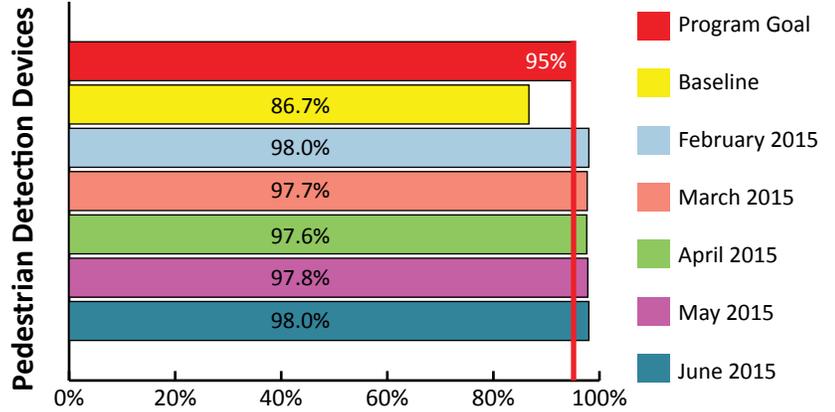
Overall Status of Devices

Vehicle Detection Devices			
Month/Year	Percentage	Total Devices	Operational Devices
Percentage Goal	95.0%		
Baseline	84.1%	3211	2699
February 2015	94.1%	3874	3647
March 2015	94.6%	3888	3678
April 2015	92.2%	3886	3584
May 2015	90.7%	3887	3526
June 2015	93.0%	3887	3615



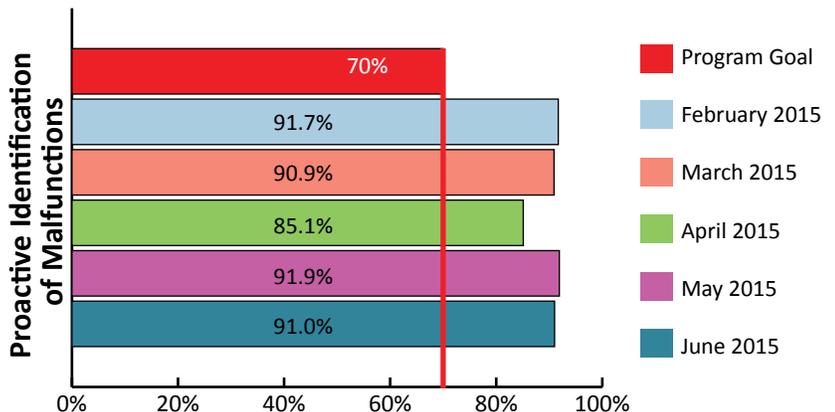
The Vehicle Detections Devices table compares the number of operational versus malfunctioning vehicle detection devices, loops, or video. The RTOP goal is to have 95.0% of the vehicle detection devices operational.

Pedestrian Detection Devices			
Month/Year	Percentage	Total Devices	Operational Devices
Percentage Goal	95.0%		
Baseline	86.7%	2295	1989
February 2015	98.0%	2576	2525
March 2015	97.7%	2579	2520
April 2015	97.6%	2579	2517
May 2015	97.8%	2578	2521
June 2015	98.0%	2598	2547



The Pedestrian Detections Devices table compares the number of operational versus malfunctioning pedestrian detection devices. The RTOP goal is to have 95.0% of the pedestrian detection device operational.

Proactive Identification of Malfunctions			
Month/Year	Percentage	Reported by RTOP Team	Total Reported
Percentage Goal	70.0%		
February 2015	91.7%	110	120
March 2015	90.9%	114	132
April 2015	85.1%	114	134
May 2015	91.9%	134	136
June 2015	91.0%	131	144



The RTOP team is actively monitoring every corridor in order to identify and resolve malfunctioning equipment and signal timing. The Proactive Identification of Malfunctions table compares the number of malfunctioning equipment reported by local agencies versus the RTOP team. The RTOP goal is to have 70.0% of the equipment malfunctions reported by the RTOP team.

Status of Devices by Corridor

Status by Corridor									
Actively Managed Corridors	Vehicle			Pedestrian			Proactive Identification of Malfunctions		
	Detection Total	Detection Operational	June Status	Detection Total	Detection Operational	June Status	Total Reported by Citizens	Total Reported by RTOP	June Total
SR 6	581	551	94.8%	373	359	96.2%	0	6	100.0%
SR 12/Covington Hwy	204	197	96.5%	151	151	100.0%	0	5	100.0%
Memorial Dr/SR 10	501	446	89.0%	277	275	99.2%	0	6	100.0%
Northside Dr/SR 3	229	220	96.0%	178	169	94.9%	7	20	74.0%
SR 20	440	416	94.5%	240	226	94.1%	1	15	93.7%
SR 155 N/Clairmont Rd	215	210	97.6%	132	132	100.0%	0	7	100.0%
SR 155 S/Candler Rd	219	170	77.6%	164	161	98.1%	0	7	100.0%
SR 8	314	314	100.0%	216	215	99.5%	4	10	71.4%
Bill Arp/SR 5	101	101	100.0%	81	81	100.0%	0	3	100.0%
SR 120	258	254	98.4%	198	198	100.0%	0	7	100.0%
SR 138 E	224	219	97.7%	144	142	98.6%	0	17	100.0%
SR 138 S	152	152	100.0%	122	120	98.3%	0	9	100.0%
SR 280	267	189	70.7%	180	176	97.7%	1	14	93.3%
US 278/Bankhead Hwy	182	176	96.7%	142	142	100.0%	0	5	100.0%

Reasons for changes in vehicle detector numbers:

- SR 6: The number of operational vehicle detection increased this month due to a replacement of damaged loops in Douglas County.
- Memorial Dr / SR 10: Operational Vehicle detection is still down this month due to a City of Atlanta sidewalk project damaging loops. The city is aware and will be replacing the damaged loops.
- Northside Dr / SR 3: Total number of vehicle detection decreased from 230 to 229 due to restriping and reconstruction.
- SR 120: Operational detection decreased due to a construction project at Barnes Mill Road.
- SR 280: The number of operational vehicle devices drastically decreased due to a repaving project by GDOT District 7 Area 2. Project is scheduled to complete no later than July 15th and the corridor manager is working with them to bring intersections back to normal.

Reasons for large changes in pedestrian detection numbers:

- SR 6: The number of operational PED detection increased this month from repairing the damaged loops from the repaving project that is underway in Douglas County.
- Northside Dr / SR 3: Total number of pedestrian detection increased from 172 to 178 cause installation of new pedestrian detection at a couple intersections.
- SR 155 N / Clairmont Rd: Overall total pedestrian detection increased from 128 to 132 due to the installation of new devices and Mason Mill Rd.
- SR 155 S / Candler Rd: Milling has begun on SR 155 South from I-20 WB to Valley Ridge Rd so operational detectors have decreased due to this construction.
- SR 8: Total number of pedestrian detection increased from 208 to 216 from adding new detection at Northlake Pkwy.

AVERAGE THROUGHPUT

		AM	Δ%	PM	Δ%
SR 6	Baseline - Dec 2012	7569	--	8575	--
	May 2015	6960	-8.0%	8817	2.8%
	June 2015	5931	-21.6%	7958	-7.2%
SR 12 / Covington Hwy	Baseline - Feb 2013	4265	--	5819	--
	May 2015	5451	27.8%	5957	2.4%
	June 2015	4041	-5.3%	5619	-3.4%
Memorial Dr / SR 10	Baseline - Mar 2013	5593	--	8279	--
	May 2015	6942	24.1%	9572	15.6%
	June 2015	6159	10.1%	8601	3.9%
Northside Dr / SR 3	Baseline - Feb 2013	4566	--	6561	--
	May 2015	4133	-9.5%	7250	10.5%
	June 2015	3801	-16.8%	7012	6.9%
SR 20	Baseline - Feb 2013	7097	--	8460	--
	May 2015	7860	10.8%	9195	8.7%
	June 2015	6935	-2.3%	8908	5.3%
SR 155 N / Clairmont Rd	Baseline - Feb 2013	5083	--	7100	--
	May 2015	5205	2.4%	7519	6.3%
	June 2015	4072	-19.9%	5398	-23.7%
SR 155 S / Candler Rd	Baseline - Nov 2013	5484	--	6545	--
	May 2015	5872	7.1%	7856	20.0%
	June 2015	5446	0.7%	7515	14.8%
SR 8	Baseline - Nov 2013	7417	--	8507	--
	May 2015	7121	-4.0%	8566	0.7%
	June 2015	6566	-11.5%	8097	-4.8%
Bill Arp / SR 5	Baseline - Nov 2013	6789	--	9763	--
	May 2015	5858	-13.7%	9482	-2.9%
	June 2015	5375	-20.8%	8980	-8.0%
SR 120	Baseline - Dec 2013	6840	--	8958	--
	May 2015	6827	-0.2%	8825	-1.5%
	June 2015	7020	2.6%	9143	2.1%
SR 138 E	Baseline - Dec 2013	6785	--	9550	--
	May 2015	7680	13.2%	10840	13.5%
	June 2015	7352	8.4%	10456	9.5%
SR 138 S	Baseline - Nov 2013	4357	--	5839	--
	May 2015	5190	19.1%	8471	45.1%
	June 2015	5744	31.8%	7907	35.4%
SR 280	Baseline - Dec 2013	9107	--	12161	--
	May 2015	3099	-66.0%	4798	-60.5%
	June 2015	3407	-62.6%	4143	-65.9%
SR 278 / Bankhead Hwy	Baseline - Dec 2013	4099	--	5250	--
	May 2015	6191	51.0%	6945	32.3%
	June 2015	5336	30.2%	6797	29.5%

Throughput is the average daily total volume for the given peak period, collected in both directions at multiple intersections, for each roadway segment. Throughput volumes for the AM were recorded on weekdays from 6:00 to 10:00 a.m. Throughput volumes for the PM were recorded on weekdays from 3:00 to 7:00 p.m.

The percent of change (Δ%) is from the baseline to the specified month.

Reasons for large changes in average throughput volumes:

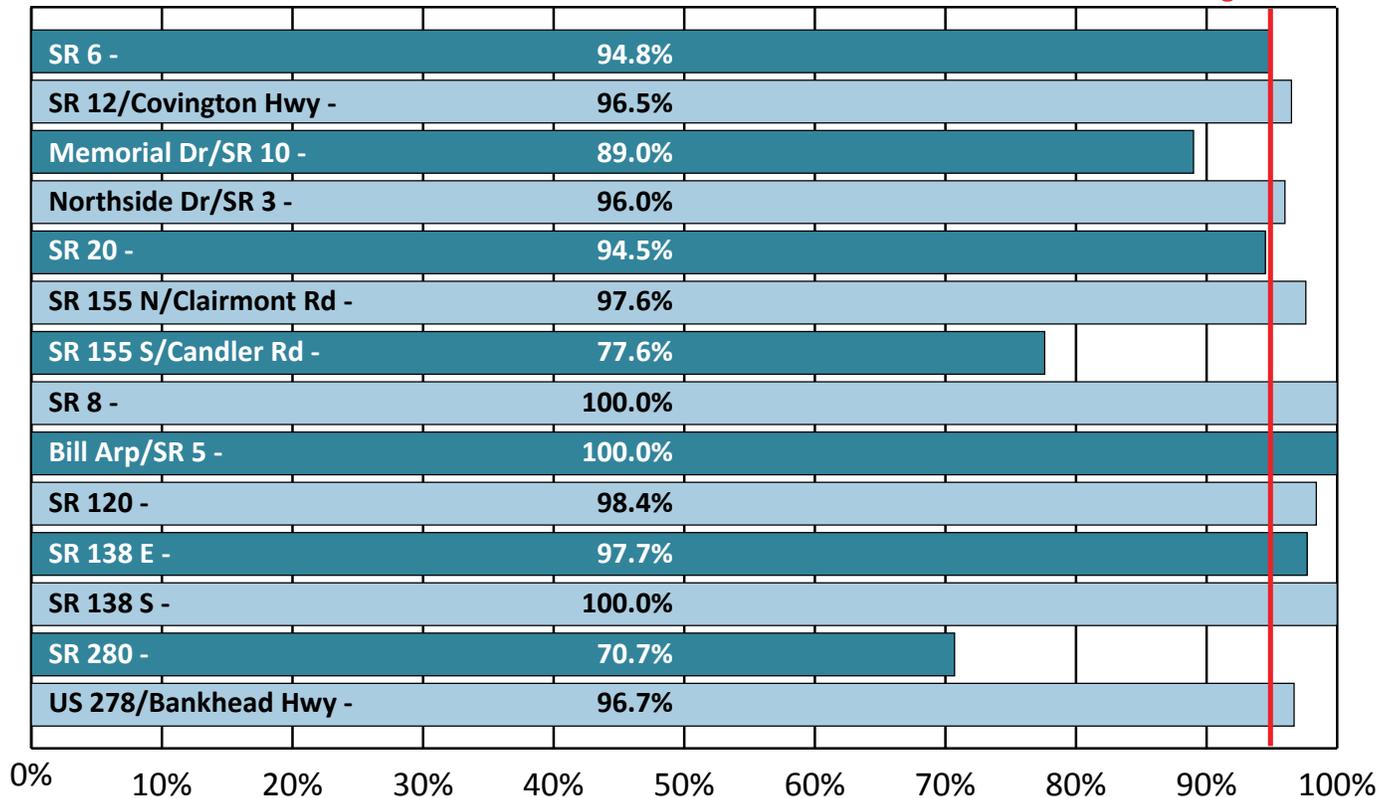
- SR 6: Three typically collected intersections were not recorded due to failed detection as a result of a repaving project that is underway in Douglas County.
- SR 20: One normally collected intersection was not reported in the throughput data due to detector failure at Hillcrest.
- SR 280: Throughput decreased due to an ongoing repaving construction project.

VEHICLE DETECTION DEVICES

		Percent- age	Devices			Percent- age	Devices			Percent- age	Devices			
			Total	Operational			Total	Operational			Total	Operational		
SR 6	Baseline	81.0%	364	295	SR 155 N/ Clairmont Rd	Baseline	87.3%	213	186	SR 138 E	Baseline	76.2%	214	163
	Apr 2015	91.4%	580	530		Apr 2015	95.3%	215	205		Apr 2015	96.4%	224	216
	May 2015	83.6%	580	486		May 2015	96.3%	215	207		May 2015	98.7%	224	221
	June 2015	94.8%	581	551		June 2015	97.6%	215	210		June 2015	97.7%	224	219
SR 12 / Covington Hwy	Baseline	87.7%	187	164	SR 155 S / Candler Rd	Baseline	81.9%	210	172	SR 138 S	Baseline	98.7%	149	147
	Apr 2015	97.5%	204	199		Apr 2015	76.7%	219	168		Apr 2015	100.0%	152	152
	May 2015	96.1%	204	196		May 2015	76.3%	219	167		May 2015	100.0%	152	152
	June 2015	96.5%	204	197		June 2015	77.6%	219	170		June 2015	100.0%	152	152
Memorial Dr/SR 10	Baseline	76.0%	342	260	SR 8	Baseline	84.0%	175	147	SR 280	Baseline	82.1%	262	215
	Apr 2015	89.2%	501	447		Apr 2015	100.0%	314	314		Apr 2015	66.3%	267	177
	May 2015	89.2%	501	447		May 2015	100.0%	314	314		May 2015	62.5%	267	167
	June 2015	89.0%	501	446		June 2015	100.0%	314	314		June 2015	70.7%	267	189
Northside Dr / SR 3	Baseline	55.9%	170	95	Bill Arp / SR 5	Baseline	97.3%	111	108	US 278/ Bankhead Hwy	Baseline	82.2%	174	143
	Apr 2015	98.3%	229	225		Apr 2015	98.0%	101	99		Apr 2015	96.7%	182	176
	May 2015	97.0%	230	223		May 2015	98.0%	101	99		May 2015	96.7%	182	176
	June 2015	96.0%	229	220		June 2015	100.0%	101	101		June 2015	96.7%	182	176
SR 20	Baseline	97.2%	424	412	SR 120	Baseline	88.9%	216	192					
	Apr 2015	95.2%	440	419		Apr 2015	99.6%	258	257					
	May 2015	94.5%	440	416		May 2015	98.8%	258	255					
	June 2015	94.5%	440	416		June 2015	98.4%	258	254					

Vehicle Detection Devices - June 2015

95%
Program Goal

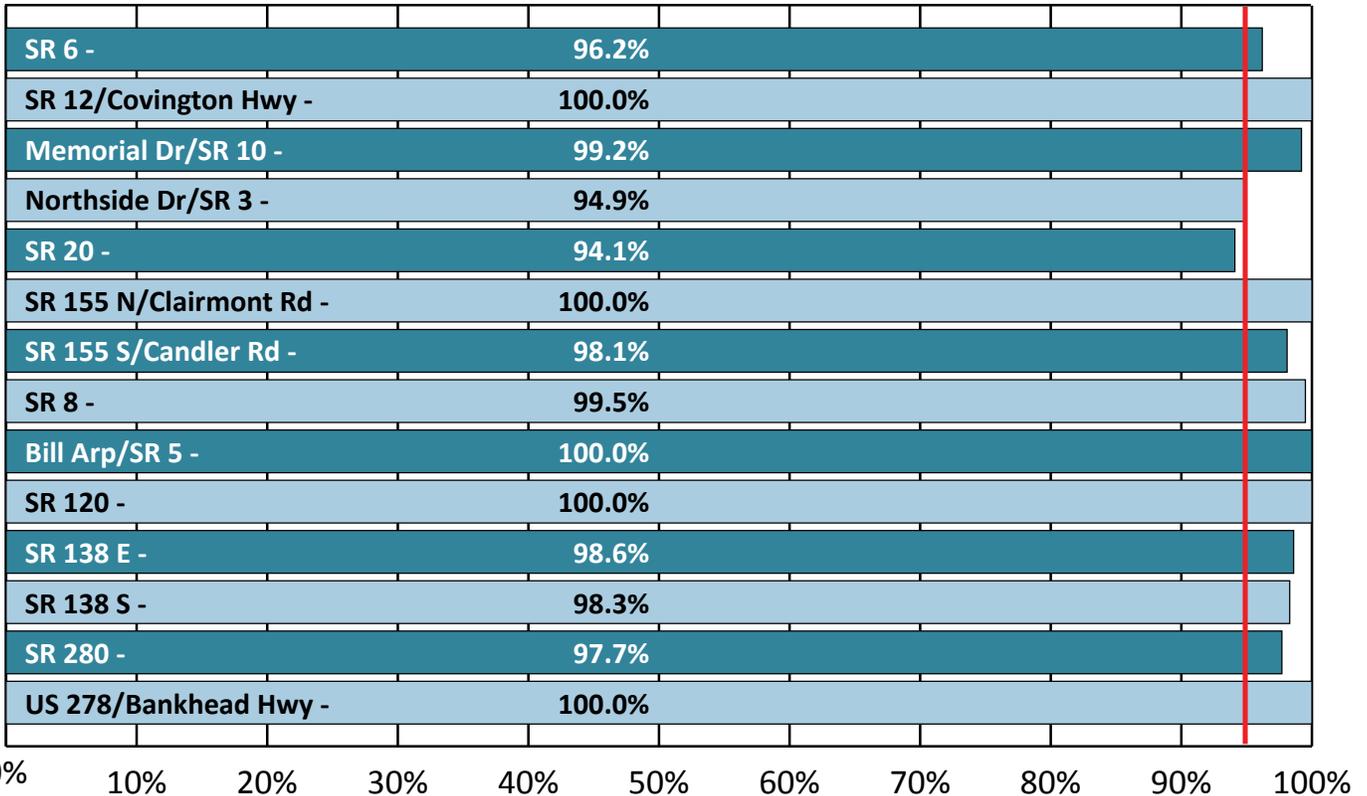


PEDESTRIAN DETECTION DEVICES

		Percent- age	Devices			Percent- age	Devices			Percent- age	Devices			
			Total	Opera- tional			Total	Opera- tional			Total	Opera- tional		
SR 6	Baseline	71.7%	364	261	SR 155 N / Clairmont Rd	Baseline	97.2%	106	103	SR 138 E	Baseline	78.5%	144	113
	Apr 2015	96.5%	373	360		Apr 2015	100.0%	128	128		Apr 2015	98.6%	144	142
	May 2015	94.6%	373	353		May 2015	100.0%	128	128		May 2015	98.6%	144	142
	June 2015	96.2%	373	359		June 2015	100.0%	132	132		June 2015	98.6%	144	142
SR 12/ Covington Hwy	Baseline	96.2%	130	125	SR 155 S / Candler Rd	Baseline	98.7%	156	154	SR 138 S	Baseline	100.0%	122	122
	Apr 2015	100.0%	151	151		Apr 2015	98.2%	164	161		Apr 2015	100.0%	122	122
	May 2015	100.0%	151	151		May 2015	100.0%	164	164		May 2015	100.0%	122	122
	June 2015	100.0%	151	151		June 2015	98.1%	164	161		June 2015	98.3%	122	120
Memorial Dr/SR 10	Baseline	96.2%	185	178	SR 8	Baseline	91.4%	140	128	SR 280	Baseline	90.0%	180	162
	Apr 2015	99.6%	277	276		Apr 2015	95.2%	208	198		Apr 2015	98.9%	180	178
	May 2015	99.6%	277	276		May 2015	99.5%	208	207		May 2015	98.3%	180	177
	June 2015	99.2%	277	275		June 2015	99.5%	216	215		June 2015	97.7%	180	176
Northside Dr / SR 3	Baseline	45.4%	174	79	Bill Arp / SR 5	Baseline	83.3%	84	70	US 278/ Bankhead Hwy	Baseline	92.2%	140	129
	Apr 2015	91.9%	173	159		Apr 2015	100.0%	81	81		Apr 2015	99.3%	142	141
	May 2015	97.0%	172	161		May 2015	100.0%	81	81		May 2015	99.3%	142	141
	June 2015	94.9%	178	169		June 2015	100.0%	81	81		June 2015	100.0%	142	142
SR 20	Baseline	100.0%	210	210	SR 120	Baseline	96.9%	160	155					
	Apr 2015	93.3%	240	224		Apr 2015	100.0%	196	196					
	May 2015	92.5%	240	222		May 2015	100.0%	198	198					
	June 2015	94.1%	240	226		June 2015	100.0%	198	198					

Pedestrian Detection Devices - June 2015

95%
Program Goal



PROACTIVE IDENTIFICATION OF MALFUNCTIONS

		2015			2015			2015						
		Apr	May	June				Apr	May	June				
											Apr	May	June	
SR 6	Percentage	100.0%	100.0%	100.0%	SR 155 N / Clairmont Rd	Percentage	100.0%	75.0%	100.0%	SR 138 E	Percentage	90.0%	100.0%	100.0%
	Total Reported by Citizens / RTOP	0 / 6	0 / 6	0 / 6		Total Reported by Citizens / RTOP	0 / 4	1 / 3	0 / 7		Total Reported by Citizens / RTOP	1 / 9	0 / 8	0 / 17
	Total Malfunctions	6	6	6		Total Malfunctions	4	4	7		Total Malfunctions	10	8	17
SR 12/ Covington Hwy	Percentage	100.0%	100.0%	100.0%	SR 155 S / Candler Rd	Percentage	100.0%	100.0%	100.0%	SR 138 S	Percentage	100.0%	100.0%	100.0%
	Total Reported by Citizens / RTOP	0 / 5	0 / 4	0 / 5		Total Reported by Citizens / RTOP	0 / 3	0 / 10	0 / 7		Total Reported by Citizens / RTOP	0 / 4	0 / 5	0 / 9
	Total Malfunctions	5	4	5		Total Malfunctions	3	10	7		Total Malfunctions	4	5	9
Memorial Dr/SR 10	Percentage	93.3%	100.0%	100.0%	SR 8	Percentage	80.0%	80.0%	71.4%	SR 280	Percentage	100.0%	90.5%	93.3%
	Total Reported by Citizens / RTOP	1 / 14	0 / 5	0 / 6		Total Reported by Citizens / RTOP	3 / 12	2 / 8	4 / 10		Total Reported by Citizens / RTOP	0 / 4	2 / 19	1 / 14
	Total Malfunctions	15	5	6		Total Malfunctions	15	10	14		Total Malfunctions	4	21	15
Northside Dr/SR 3	Percentage	72.1%	89.7%	74.0%	Bill Arp / SR 5	Percentage	83.3%	75.0%	100.0%	US 278/ Bankhead Hwy	Percentage	83.3%	100.0%	100.0%
	Total Reported by Citizens / RTOP	12 / 31	3 / 26	7 / 20		Total Reported by Citizens / RTOP	0 / 2	1 / 3	0 / 3		Total Reported by Citizens / RTOP	1 / 5	0 / 5	0 / 5
	Total Malfunctions	43	29	27		Total Malfunctions	2	4	3		Total Malfunctions	6	5	5
SR 20	Percentage	90.9%	92.3%	93.7%	SR 120	Percentage	83.3%	91.7%	100.0%					
	Total Reported by Citizens / RTOP	1 / 10	1 / 12	1 / 15		Total Reported by Citizens / RTOP	1 / 5	1 / 11	0 / 7					
	Total Malfunctions	11	13	16		Total Malfunctions	6	12	7					

Proactive Identification of Malfunctions - June 2015

