



RED Means Stop

**PHOTOSafe Virginia Beach
Program Assessment
2016 to 2018**

**New vendor contract with Verra Mobility (formerly ATS)
began September 2016**

PHOTOSafe Red Light Running Enforcement Cameras Monitor 108 lanes in 20 approaches at 11 Intersections.

Lanes - 108 Traffic Lanes are currently monitored by PHOTOSafe (2019):

- 35 Left Turn Lanes
- 55 Straight Lanes
- 18 Right Turn Lanes

Approaches - 20 Lane approaches being monitored

- 1) Virginia Beach Boulevard at Independence Boulevard (East) 2016
- 2) Virginia Beach Boulevard at Independence Boulevard (West) 2016
- 3) Independence Boulevard at Virginia Beach Boulevard (North) 2016
- 4) Independence Boulevard at Virginia Beach Boulevard (South) 2016
- 5) Indian River Road at S Military Highway (West) 2016
- 6) S Military Highway at Indian River Road (South) 2016
- 7) Holland Road at Rosemont Road (East) 2016
- 8) Holland Road at Rosemont Road (West) 2016
- 9) General Booth Boulevard at Dam Neck Road (South) 2017
- 10) Dam Neck Road at General Booth Boulevard (East) 2017
- 11) Virginia Beach Boulevard at Great Neck Road (East) 2017
- 12) Great Neck Road at Virginia Beach Boulevard (South) 2017
- 13) Princess Anne Road at Dam Neck Road (South) 2016
- 14) Independence Boulevard at Bonney Road (North) 2016
- 15) Bonney Road at Independence Boulevard (West) 2017
- 16) Lynnhaven Parkway at International Parkway (South) 2017
- 17) Northampton Boulevard at Diamond Springs Road (South) 2017
- 18) Baxter Road at Independence Boulevard 2016
- 19) Lynnhaven Parkway at Rosemont Road (East) 2016
- 20) Lynnhaven Parkway at Rosemont Road (West) 2016

Intersections - 11 Intersections currently being monitored:

- 1) Virginia Beach Boulevard and Independence Boulevard
- 2) Indian River Road and Military Highway
- 3) Holland Road and Rosemont Road
- 4) General Booth Boulevard and Dam Neck Road
- 5) Virginia Beach Boulevard and Great Neck Road
- 6) Princess Anne Road and Dam Neck Road
- 7) Independence Boulevard and Bonney Road
- 8) Lynnhaven Parkway and International Parkway
- 9) Northampton Boulevard and Diamond Springs Road
- 10) Baxter Road and Independence Boulevard
- 11) Lynnhaven Parkway and Rosemont Road

History of the Virginia Beach Police Department and ATS

In early 2016 the Virginia Beach Police Department parted ways with our original camera enforcement vendor, Redflex. A new vendor was selected for our Red Light Camera Enforcement Operations. The new vendor, ATS (American Traffic Solutions) began the necessary infrastructure development at that time. Red Light Camera Enforcement operations were restarted in September of 2016 with seven intersections. More intersections were added during 2017 as soon as the necessary infrastructure was completed.

2016 Original Seven Intersections:

- Virginia Beach Blvd and Independence Blvd
- Holland Rd and Rosemont Rd
- Lynnhaven Pkwy and Rosemont Rd
- Military Hwy and Indian River Rd
- Baxter Rd and Independence Blvd
- Princess Anne Rd and Dam Neck Rd
- Independence Blvd and Bonney Rd

2017 Four More Intersections Came On-Line:

- Northampton Blvd and Diamond Springs Rd
- Virginia Beach Blvd and Great Neck Rd
- Lynnhaven Pkwy and International Pkwy
- General Booth Blvd and Dam Neck Rd

Bringing enforcement to 11 intersections in the City of Virginia Beach

2016 Intersection Statistics

**2016 Location Performance by Direction Approach
(September 1 through December 31)**

Approach	Events Viewed	Citations Issued
NB Independence Blvd at Virginia Beach Blvd:	268	147
SB Independence Blvd at Virginia Beach Blvd:	296	106
EB Virginia Beach Blvd at Independence Blvd:	546	340
WB Virginia Beach Blvd at Independence Blvd:	270	172
EB Lynnhaven Pkwy at Rosemont Rd:	562	237
WB Lynnhaven Pkwy at Rosemont Rd:	69	52
SB Princess Anne Rd at Dam Neck Rd:	98	52
EB Holland Rd at Rosemont Rd:	189	106
WB Holland Rd at Rosemont Rd:	159	82
Baxter Rd at Independence Blvd:	82	42
NB Independence Blvd at Bonney Rd:	321	102
SB Military Hwy at Indian River Rd:	80	16
WB Indian River Rd at Military Hwy:	11	8

Future approaches not fully functional for 2016

SB Great Neck Rd at Virginia Beach Blvd

EB Dam Neck Rd at General Booth Blvd

SB General Booth Blvd at Dam Neck Rd

Bonney Rd at Independence Blvd

EB Virginia Beach Blvd at Great Neck Rd

SB Lynnhaven Pkwy at International Pkwy

Northampton Blvd at Diamond Springs Rd

2017 Intersection Statistics
All Intersection Approaches Active by the End of the Year

**2017 Location Performance by Direction Approach
(January 1 through December 31)**

Approach	Events Viewed	Citations Issued
NB Independence Blvd at Virginia Beach Blvd:	2694	1689
SB Independence Blvd at Virginia Beach Blvd:	2337	1120
EB Virginia Beach Blvd at Independence Blvd:	7180	3990
WB Virginia Beach Blvd at Independence Blvd:	4618	2360
EB Lynnhaven Pkwy at Rosemont Rd:	11567	3400
WB Lynnhaven Pkwy at Rosemont Rd:	1442	940
SB Princess Anne Rd at Dam Neck Rd:	2791	1545
EB Holland Rd at Rosemont Rd:	1738	1179
WB Holland Rd at Rosemont Rd:	2142	1217
Baxter Rd at Independence Blvd:	1865	1061
NB Independence Blvd at Bonney Rd:	5464	1660
Bonney Rd at Independence Blvd:	2884	2121
SB Military Hwy at Indian River Rd:	6431	2309
WB Indian River Rd at Military Hwy:	1749	1149
SB General Booth Blvd at Dam Neck Rd:	5312	1866
EB Dam Neck Rd at General Booth Blvd:	1099	186
SB Lynnhaven Pkwy at International Pkwy:	4263	1042
SB Northampton Blvd at Diamond Springs Rd:	1796	885
EB Virginia Beach Blvd at Great Neck Rd:	3048	420
SB Great Neck Rd at Virginia Beach Blvd:	3641	2383

2018 Intersection Statistics

**2018 Location Performance by Direction Approach
(January 1 through December 31)**

Approach	Events Viewed	Citations Issued
NB Independence Blvd at Virginia Beach Blvd:	3834	1932
SB Independence Blvd at Virginia Beach Blvd:	3028	1260
EB Virginia Beach Blvd at Independence Blvd:	5746	3428
WB Virginia Beach Blvd at Independence Blvd:	2579	1620
EB Lynnhaven Pkwy at Rosemont Rd:	7270	3001
WB Lynnhaven Pkwy at Rosemont Rd:	1444	984
SB Princess Anne Rd at Dam Neck Rd:	2972	1567
EB Holland Rd at Rosemont Rd:	2669	1636
WB Holland Rd at Rosemont Rd:	2534	1481
Baxter Rd at Independence Blvd:	2215	1029
NB Independence Blvd at Bonney Rd:	4090	1697
Bonney Rd at Independence Blvd:	4671	2391
SB Military Hwy at Indian River Rd:	6380	2242
WB Indian River Rd at Military Hwy:	2010	1382
SB General Booth Blvd at Dam Neck Rd:	7707	2844
EB Dam Neck Rd at General Booth Blvd:	1639	264
SB Lynnhaven Pkwy at International Pkwy:	7876	1319
SB Northampton Blvd at Diamond Springs Rd:	2422	1328
EB Virginia Beach Blvd at Great Neck Rd:	3965	703
SB Great Neck Rd at Virginia Beach Blvd:	4805	3313

Citations Ranked by 11 Intersections (2016-2018)

Intersection	Total Citations
Virginia Beach Blvd and Independence Blvd:	15355
Indian River Rd and Military Hwy:	14614
Lynnhaven Pkwy and Rosemont Rd:	8513
Virginia Beach Blvd and Great Neck Rd:	6819
Independence Blvd and Bonney Rd:	6609
Holland Rd and Rosemont Rd:	5701
General Booth Blvd and Dam Neck Rd:	5160
Princess Anne Rd and Dam Neck Rd:	3164
Lynnhaven Pkwy and International Pkwy:	2361
Northampton Blvd and Diamond Springs Rd:	2213
Baxter Rd and Independence Blvd:	2132

2019 January – June Intersection Statistics

Summary First Six Months of 2019 (January 1 – June 30)

Approach	Events Viewed	Citations Issued
NB Independence Blvd at Virginia Beach Blvd:	1730	1112
SB Independence Blvd at Virginia Beach Blvd:	1632	839
EB Virginia Beach Blvd at Independence Blvd:	2570	1923
WB Virginia Beach Blvd at Independence Blvd:	2448	1368
EB Lynnhaven Pkwy at Rosemont Rd:	2721	1317
WB Lynnhaven Pkwy at Rosemont Rd:	616	449
SB Princess Anne Rd at Dam Neck Rd:	1633	796
EB Holland Rd at Rosemont Rd:	1374	1098
WB Holland Rd at Rosemont Rd:	1357	817
Baxter Rd at Independence Blvd:	923	560
NB Independence Blvd at Bonney Rd:	2123	1105
Bonney Rd at Independence Blvd:	1159	940
SB Military Hwy at Indian River Rd:	3328	1204
WB Indian River Rd at Military Hwy:	962	631
SB General Booth Blvd at Dam Neck Rd:	2845	1252
EB Dam Neck Rd at General Booth Blvd:	877	143
SB Lynnhaven Pkwy at International Pkwy:	4546	945
SB Northampton Blvd at Diamond Springs Rd:	1159	692
EB Virginia Beach Blvd at Great Neck Rd:	1793	288
SB Great Neck Rd at Virginia Beach Blvd:	2097	1363

2016, 2017, 2018 and 2019 Comparisons

2016 - 2951 Events Activated resulting in 1462 Citations Issued only 13 Approaches active

*Sept., Oct., Nov. and Dec. with a 30 day warning period for 6 of these approaches

2017 - 74061 Events Activated resulting in 32522 Citations Issued

* Remaining 7 approaches activated bringing our total to 20 approaches being monitored

2018 - 79856 Events Activated resulting in 35421 Citations Issued

* Full year of all approaches being actively enforced by cameras

2019 - 37893 Events Activated resulting in 18842 Citations Issued

* First six months of 2019

Event Rejections

Reasons for rejections of events viewed include:

- Vehicle stopped at some point prior to entering intersection,
- Violators vehicle obstructed due to another (larger) vehicle,
- Lane change
- Emergency vehicle operating in an emergency situation (emergency lights activated)
- Funeral procession
- Bad weather
- Camera malfunction
- No DMV matches
- Plate obstruction
- Flagman/Wave through
- Internal review
- Glare from sun
- Video missing/skipping
- Other

All rejections have a “reason” entered into the event in order to be rejected by the reviewer.

* City vehicles that violate “red lights” are forwarded to Risk Management and investigated by the responsible department administrators. The responsible department’s administrators assign punishment to the violator.