

PORT ST. LUCIE POLICE DEPARTMENT

Crime & Intelligence Analysis Unit

CITYWIDE RED LIGHT CAMERA ANALYSIS & RECOMMENDATIONS

Providing exceptional analytical services that enhance public safety, support informed policing strategies, and improve the quality of life for our community through data-driven innovation, collaboration, and accountability

RED LIGHT CAMERA ANALYSIS OVERVIEW

- OUR TEAM ANALYZED CRASH AND CITATION DATA FROM JANUARY 1, 2022 – OCTOBER 2025.
- INTERSECTIONS WERE EVALUATED BASED ON TOTAL CRASH VOLUME, FREQUENCY OF ANGLE CRASHES, AND THE NUMBER OF DOCUMENTED RED-LIGHT CITATIONS.
- THESE METRICS WERE USED TO IDENTIFY LOCATIONS WHERE CAMERA ENFORCEMENT WOULD LIKELY YIELD THE GREATEST SAFETY BENEFIT.

RANKING METHODOLOGY

- **RED LIGHT INFRACTIONS:** RANKINGS ONLY INCLUDED INTERSECTIONS, SINCE CITATIONS MAY REFLECT WHERE VEHICLES STOPPED RATHER THAN WHERE THE VIOLATION OCCURRED (EX: PULLING INTO A BUSINESS PARKING LOT). DUE TO THIS, RED LIGHT INFRACTIONS ARE LIKELY UNDERCOUNTED.
- **ANGLE CRASHES:** ALL CRASH LOCATIONS WERE CONSIDERED; HOWEVER, SOME TOP-RANKED SITES MAY NOT BE SUITABLE FOR RED LIGHT CAMERAS (E.G., PARKING LOTS OR NON-SIGNALIZED INTERSECTIONS).

CASHMERE BOULEVARD & ST LUCIE WEST BOULEVARD

- **Total Crashes:** 264 (#2)
- **Angle Crashes:** 75 (#1)
- **Red Light Citations:** 52 (#10)

Justification:

This intersection has the highest number of angle crashes citywide and remains among the top locations for total crashes. The frequency of right-angle collisions, along with documented red-light citations, suggests signal violations are a key contributing factor and supports consideration for camera placement.

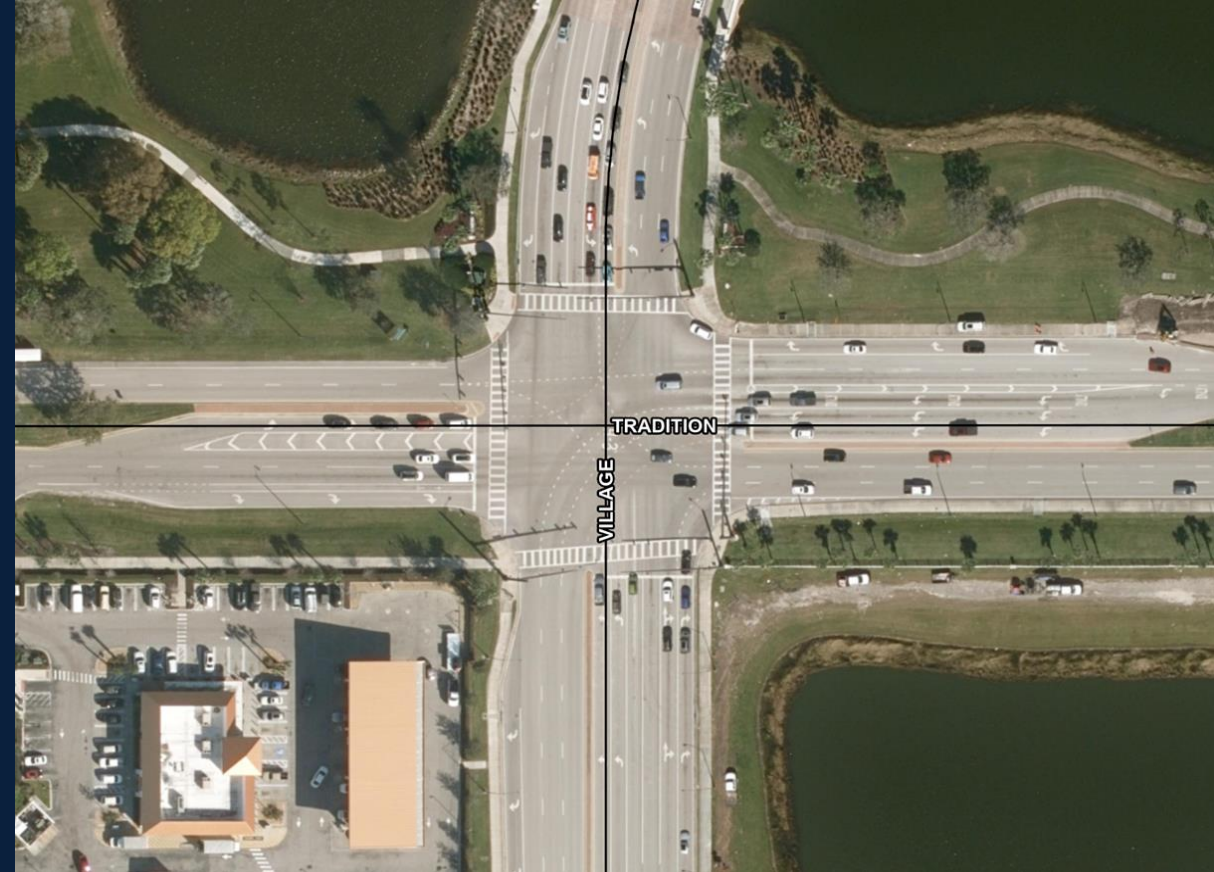


SW TRADITION PARKWAY & SW VILLAGE PARKWAY

- **Total Crashes:** 235 (#5)
- **Angle Crashes:** 29 (#13)
- **Red Light Citations:** 163 (#1)

Justification:

This is one of the city's busiest intersections, ranking fifth in total crashes and first in red-light citations. The exceptionally high citation volume points to ongoing signal-compliance issues, making this intersection a strong candidate for automated enforcement.



SW BAYSHORE BOULEVARD & SW PORT ST LUCIE BOULEVARD

- **Total Crashes:** 384 (#1)
- **Angle Crashes:** 48 (#3)
- **Red Light Citations:** 72 (#3)

Justification:

This is the highest crash-volume intersection in the city and ranks near the top for both angle crashes and red-light citations. The data suggest consistent high-risk driver behavior and a strong potential safety benefit from red-light camera enforcement.

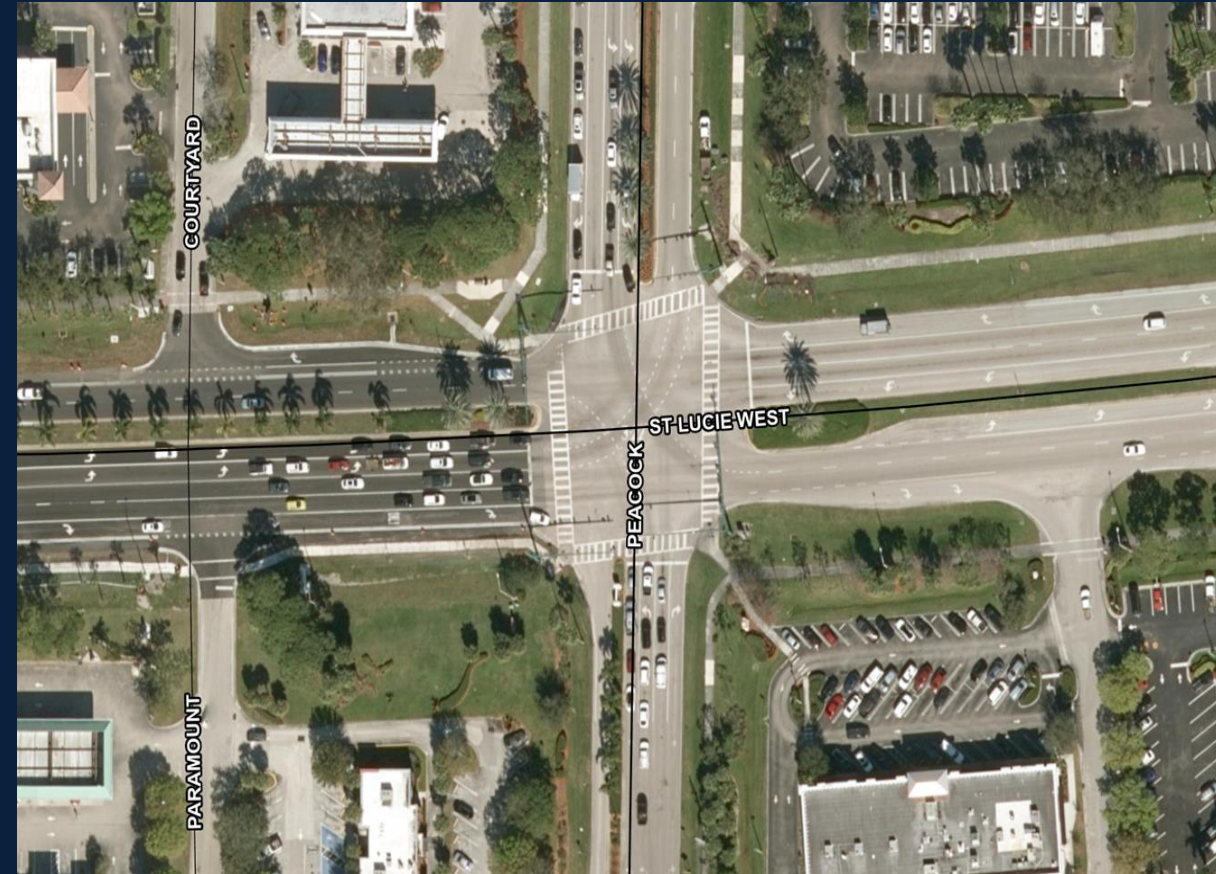


PEACOCK BOULEVARD & ST LUCIE WEST BOULEVARD

- **Total Crashes:** 254 (#3)
- **Angle Crashes:** 49 (#2)
- **Red Light Citations:** 47 (#13)

Justification:

This intersection ranks among the highest citywide for total and angle crashes. The high number of right-angle collisions indicates red-light running or signal violations as a key contributing factor.

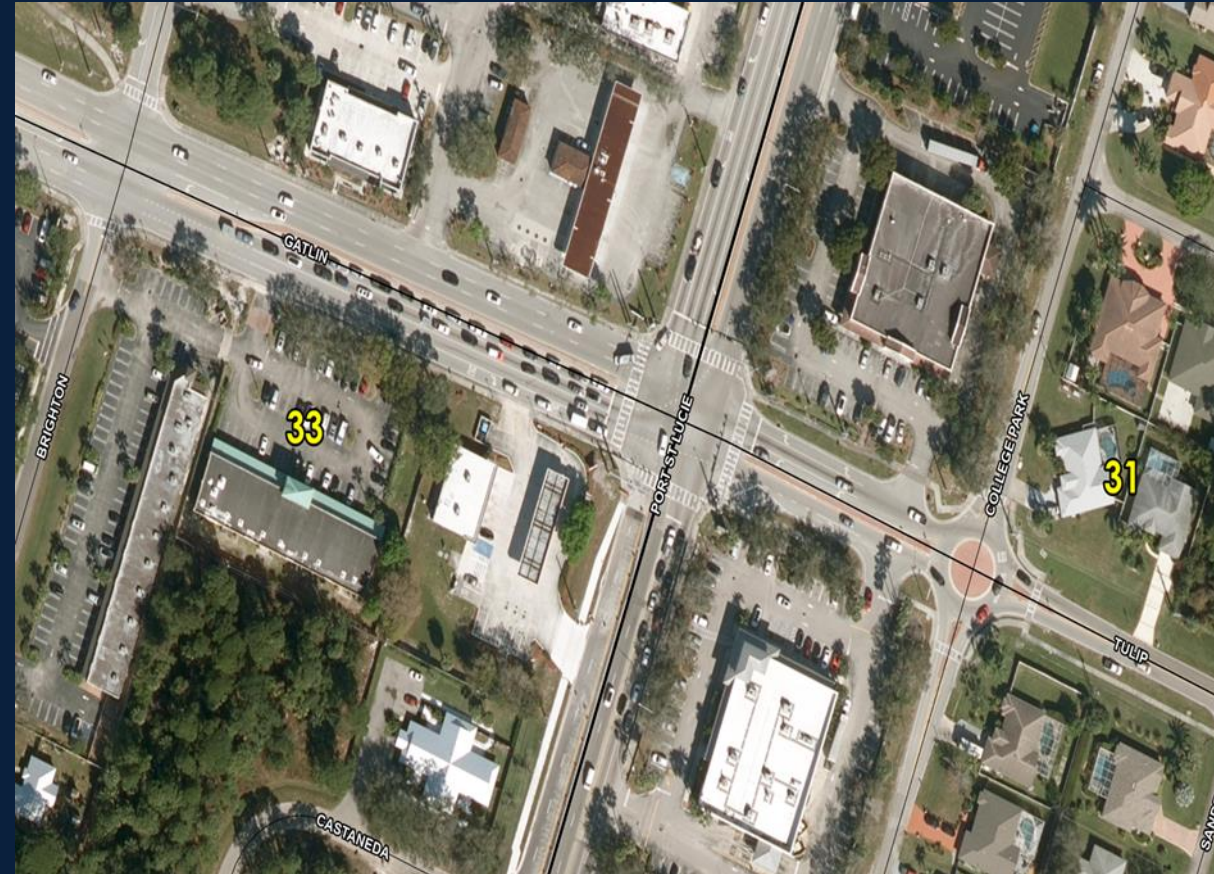


SW GATLIN BOULEVARD & SW PORT ST LUCIE BOULEVARD

- **Total Crashes:** 249 (#4)
- **Angle Crashes:** 38 (#7)
- **Red Light Citations:** 55 (#9)

Justification:

This intersection ranks high across multiple crash categories and has a substantial number of red-light citations. It is also located near another high-risk, non-signalized intersection (Gatlin Blvd & Brighton Blvd), making this area an ideal candidate.



CALIFORNIA BOULEVARD & ST LUCIE WEST BOULEVARD

- **Total Crashes:** 201 (#9)
- **Angle Crashes:** 48 (#3)
- **Red Light Citations:** 50 (#11)

Justification:

This intersection experiences a high number of crashes overall, with a disproportionately large share of angle collisions, which are often associated with red-light violations.



SW GATLIN BOULEVARD & SW SAVONA BOULEVARD

- **Total Crashes:** 219 (#6)
- **Angle Crashes:** 35 (#11)
- **Red Light Citations:** 48 (#12)

Justification:

This intersection consistently reports a high volume of total and angle crashes, along with numerous red-light citations. Its ranking across multiple measures supports its inclusion as a candidate for camera installation. It has also seen a concerning number of DUI & pedestrian crashes.

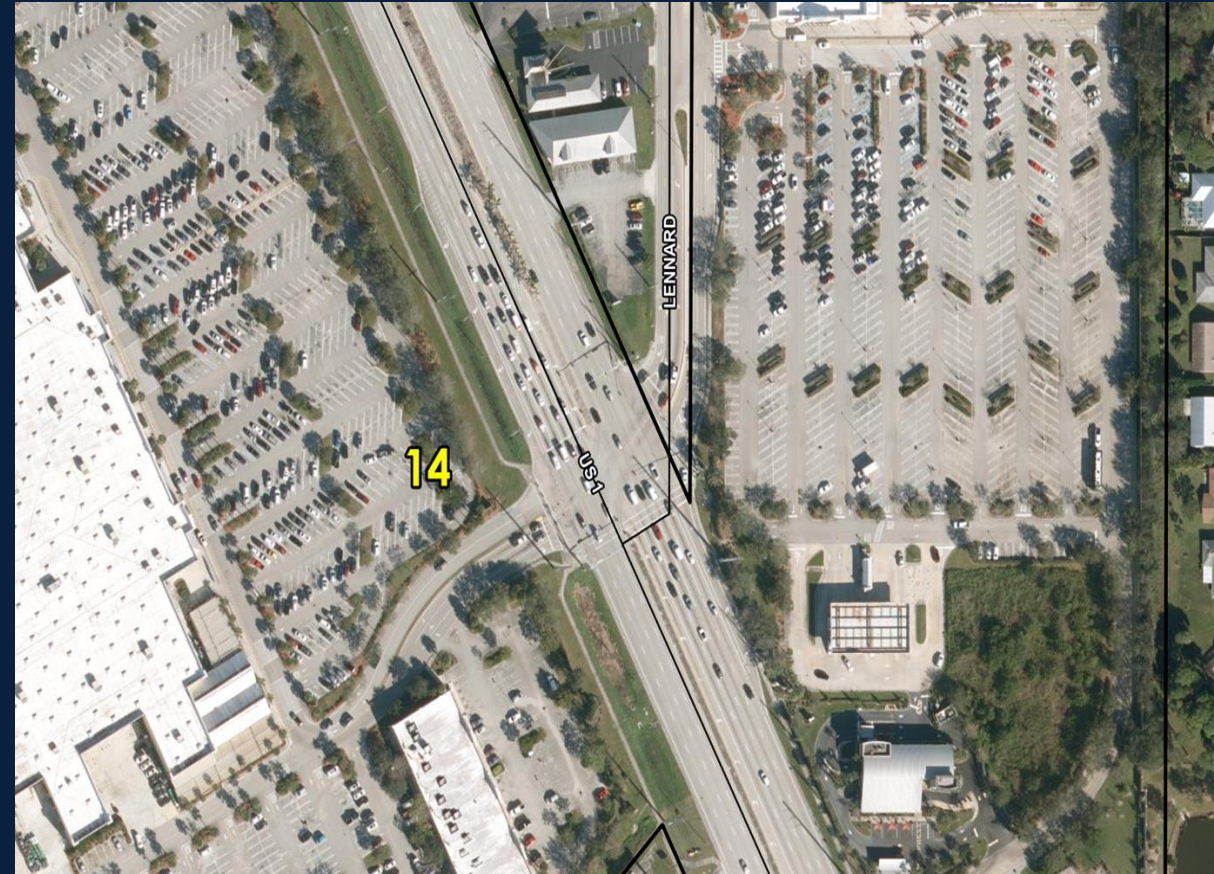


S US HIGHWAY 1 & SE LENNARD ROAD

- **Total Crashes:** 208 (#8)
- **Angle Crashes:** 38 (#7)
- **Red Light Citations:** 45 (#14)

Justification:

This intersection is a justifiable candidate given its high volume of both total crashes, angle crashes, and documented red light citations.

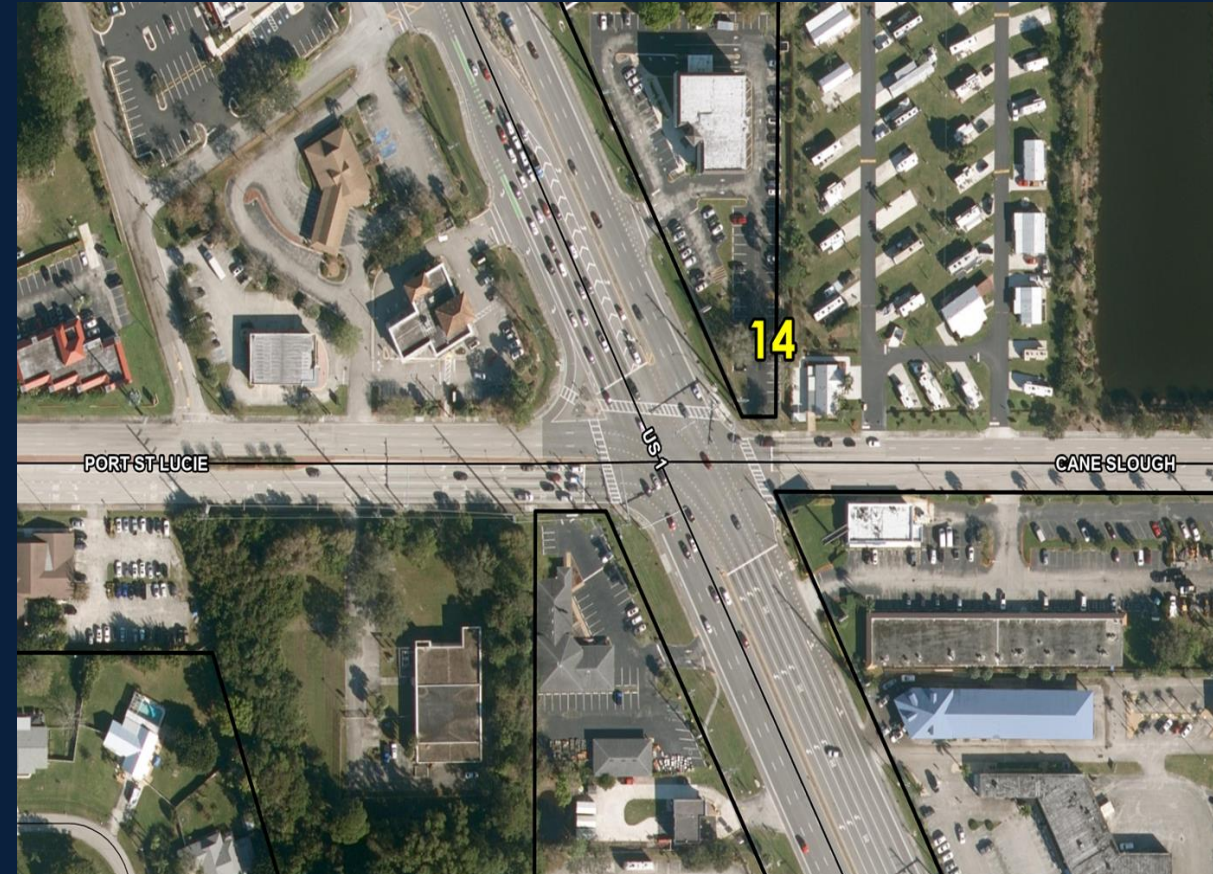


S US HIGHWAY 1 & SE PORT ST LUCIE BOULEVARD

- **Total Crashes:** 214 (#7)
- **Angle Crashes:** 17 (#39)
- **Red Light Citations:** 113 (#2)

Justification:

U.S. Highway 1 has more red-light infractions than any other roadway in the city. This intersection ranks 2nd for citations and, despite lower angle crash rankings, remains a strong candidate for a red-light camera given its high rate of violations.



SW BAYSHORE BOULEVARD & SW CROSSTOWN PARKWAY

- **Total Crashes:** 179 (#12)
- **Angle Crashes:** 21 (#28)
- **Red Light Citations:** 70 (#4)

Justification:

This intersection shows a high volume of red-light violations and consistent crash activity. While some areas see more angle crashes, several of those locations aren't signalized. The infractions make it a strong candidate for camera placement.



RECOMMENDATIONS TABLE

Top 10 Intersections for Red Light Camera Placement

Rank	Intersection	Crashes Ranking	Angle Crash Ranking	Red Light Violations Ranking
1	CASHMERE BOULEVARD & ST LUCIE WEST BOULEVARD	2	1	10
2	SW TRADITION PARKWAY & SW VILLAGE PARKWAY	5	13	1
3	SW BAYSHORE BOULEVARD & SW PORT ST LUCIE BOULEVARD	1	3	3
4	PEACOCK BOULEVARD & ST LUCIE WEST BOULEVARD	3	2	13
5	SW GATLIN BOULEVARD & SW PORT ST LUCIE BOULEVARD	4	7	9
6	CALIFORNIA BOULEVARD & ST LUCIE WEST BOULEVARD	9	3	11
7	SW GATLIN BOULEVARD & SW SAVONA BOULEVARD	6	11	12
8	S US HIGHWAY 1 & SE LENNARD ROAD	8	7	14
9	S US HIGHWAY 1 & SE PORT ST LUCIE BOULEVARD	7	39	2
10	SW BAYSHORE BOULEVARD & SW CROSSTOWN PARKWAY	12	28	4