

KIAWAH ISLAND  
COMMUNITY  
ASSOCIATION

# KICA SECURITY QUARTERLY UPDATE

MARK RUPPEL  
DIRECTOR OF SECURITY  
July 10, 2023



# SECURITY ENHANCEMENTS





# Radar Detection/License Plate Reader





# Updated Traffic Pattern KI Pkwy/Beachwalker Drive





# Updated Security Uniforms





# Bike Patrol





# Patrol Light Bars

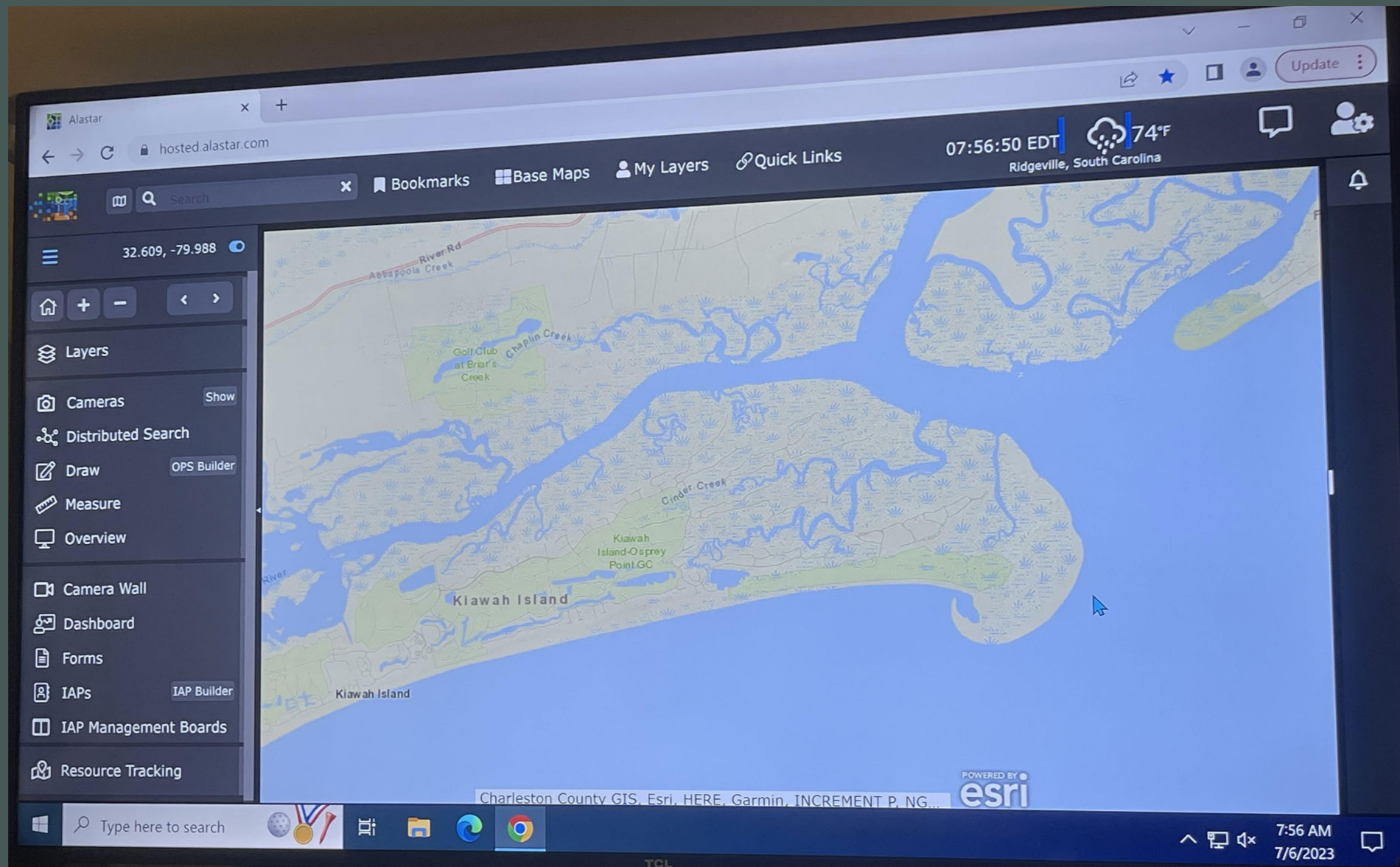




# Alastar Alert

## Charleston County

### Consolidated Dispatch





# Traffic Calming Initiative





# Traffic Calming Initiative

## Statistics

### Kiawah Island Pkwy

(Avg. 30.5 mph)

- 45.078% Compliant (30 mph & below)
- 54.0% (31-39 mph)
- .88% (40-49 mph)
- .042% (50 mph & over)

### Bufflehead

(Avg. 17.8 mph)

- 55.831% Compliant (20 mph & below)
- 43.47% (21-29 mph)
- .68% (30-39 mph)
- .019% (40 mph & over)

### Governors 2 EB

(Avg. 26.7 mph)

- 74.587% Compliant (30 mph & below)
- 25.18% (31-39 mph)
- .215% (40-49 mph)
- .018% (50 mph & over)

### Governors 1 EB

(Avg. 25.9 mph)

- 87.664 Compliant (30 mph & below)
- 12.29% (31-39 mph)
- .046% (40-49 mph)
- 0% (50 mph & over)





# Traffic Calming Initiative

## Statistics

### Flyway 1 WB

(Avg. 21.8 mph)

- 34.36% Compliant (20 mph & below)
- 59.64% (21-29 mph)
- 5.84% (30-39 mph)
- .16% (40 mph & over)

### Flyway 2 WB

(Avg. 26.1 mph)

- 10.65% Compliant (20 mph & below)
- 73.56% (21-29 mph)
- 14.49% (30-39 mph)
- 1.3% (40 mph & over)

### Flyway 3 EB

(Avg. 27.0 mph)

- 6.95% Compliant (20 mph & below)
- 72.1% (21-29 mph)
- 20.46% (30-39 mph)
- .49% (40 mph & over).

### Flyway 4 EB

(Avg. 21.1 mph)

- 36.35 Compliant (20 mph & below)
- 59.22% (21-29 mph)
- 4.41% (30-39 mph)
- .0165% (40 mph & over)





# Speed Trailer Enforcement Data

May 31, 2023 thru July 2, 2023

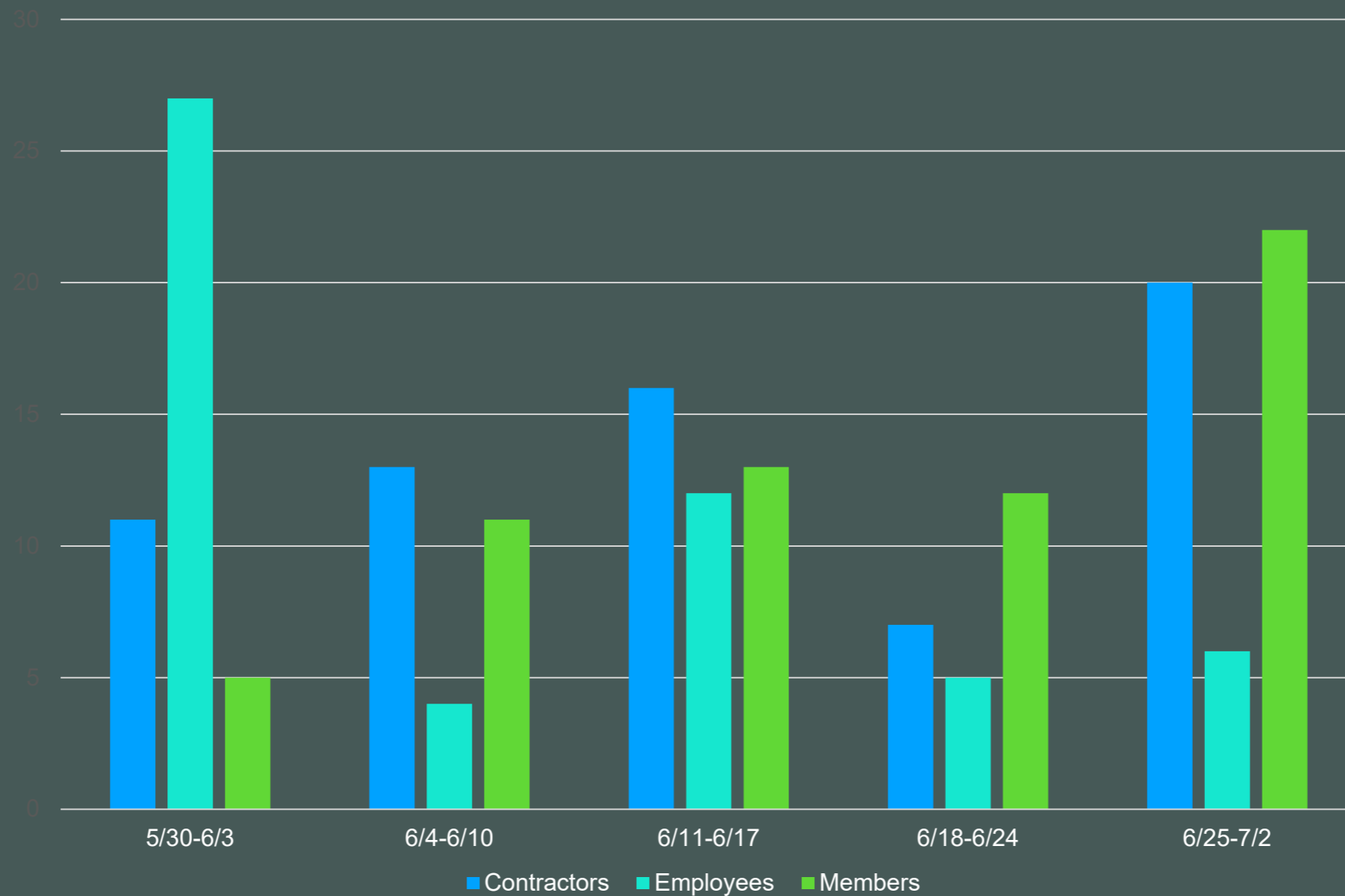
- Commercial: 67
- Island Employee: 54
- Members: 63

\*speeds of 11mph or over

\*Measuring on Flyway Drive and Ocean  
Course Drive



# Speed Trailer Enforcement Data





# Quarter 2 Statistics

	2022	2023
Vehicles Through Main Gate	592,387	662,068
Vehicles Through Vanderhorst Gate	360,835	391,317



# July 1-4, 2023

	2022	2023
Vehicles Through Main Gate	28,887	36,736
Vehicles Through Vanderhorst Gate	17,251	19,164





# CCSO STATS



# TOKI/CCSO STATS

April 2023

May 2023

Total Calls: 858

Total Calls: 628

Traffic Stops: 76

Traffic Stops: 27





# CCSO DISTRICT 11 STATS

June 2023

Total Calls: 890  
Traffic Stops: 72





TRAFFIC CALMING INITIATIVE

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# Appendix



# Kiawah Island Parkway

(Actual Volume)

## 1<sup>st</sup> Quarter 2022

51,125 TOTAL VEHICLES

25,642 Compliant (30 mph or below)

24,833 Low Risk (31-39 mph)

631 Medium Risk (40-49 mph)

19 High Risk (50 mph or higher)

## 2<sup>nd</sup> Quarter 2022

399,428 TOTAL VEHICLES

274,515 Compliant (20 mph or below)

123,576 Low Risk (21-29 mph)

1,282 Medium Risk (30-39 mph)

85 High Risk (40 mph or higher)

# Kiawah Island Parkway

(Actual Volume)

## 3<sup>rd</sup> Quarter 2022

249,635 TOTAL VEHICLES

98,938 Compliant (30 mph or below)

147,578 Low Risk (31-39 mph)

2983 Medium Risk (40-49 mph)

136 High Risk (50 mph or higher)

\*Data period: 45 days

## 4<sup>th</sup> Quarter 2022

674,426 TOTAL VEHICLES

256,309 Compliant (20 mph or below)

408,897 Low Risk (21-29 mph)

8906 Medium Risk (30-39 mph)

314 High Risk (40 mph or higher)

\*Data period: 90 days

# Kiawah Island Parkway

(Actual Volume)

**1st Quarter 2023**

**2<sup>nd</sup> Quarter 2023**

**661,932 TOTAL VEHICLES**

246,968 Compliant (30 mph or below)

406,350 Low Risk (31-39 mph)

8291 Medium Risk (40-49 mph)

323 High Risk (50 mph or higher)

**537,464 TOTAL VEHICLES**

242,123 Compliant (30 mph or below)

290,409 Low Risk (31-39 mph)

4,706 Medium Risk (40-49 mph)

226 High Risk (50 mph or higher)



# Governors Drive

(Actual Volume)

## Governors 1

2<sup>nd</sup> Quarter 2023

**190,529 TOTAL VEHICLES**

142,118 Compliant (30 mph or below)

47,968 Low Risk (31-39 mph)

409 Medium Risk (40-49 mph)

34 High Risk (50 mph or higher)

\*Data does not reflect full quarter due to device relocation

## Governors 2

2<sup>nd</sup> Quarter 2023

**35,078 TOTAL VEHICLES**

30,750 Compliant (30 mph or below)

4,312 Low Risk (31-39 mph)

16 Medium Risk (40-49 mph)

0 High Risk (50 mph or higher)

\*Data does not reflect full quarter due to device relocation

# Bufflehead

(Actual Volume)

**2nd Quarter 2023**

**5,259 TOTAL VEHICLES**

2,936 Compliant (20 mph or below)

2,286 Low Risk (21-29 mph)

36 Medium Risk (30-39 mph)

1 High Risk (40 mph or higher)

\*Data does not reflect full quarter due to device relocation

# Flyway Drive

(Actual Volume)

## 1<sup>st</sup> Quarter 2022

**66,515 TOTAL VEHICLES**

13,624 Compliant (20 mph or below)

40,004 Low Risk (21-29 mph)

12,346 Medium Risk (30-39 mph)

541 High Risk (40 mph or higher)

Data period: 1 month

## 2<sup>nd</sup> Quarter 2022

**139,035 TOTAL VEHICLES**

19,380 Compliant (20 mph or below)

73,917 Low Risk (21-29 mph)

44,596 Medium Risk (30-39 mph)

1,142 High Risk (40 mph or higher)

Data period: 3 months



# Flyway Drive

(Actual Volume)

## 3rd Quarter 2022

**42,892 TOTAL VEHICLE DATA**

461 Compliant (20 mph or below)

19,934 Low Risk (21-29 mph)

21,302 Medium Risk (30-39 mph)

1,195 High Risk (40 mph or higher)

\*Data period: 40 days

## 4th Quarter 2022

**264,204 TOTAL VEHICLE DATA**

54,862 Compliant (20 mph or below)

136,688 Low Risk (21-29 mph)

68,846 Medium Risk (30-39 mph)

3,808 High Risk (40 mph or higher)

\*Data period: 90 days

# Flyway Drive

(Actual Volume)

**1<sup>st</sup> Quarter 2023**

**245,207 TOTAL VEHICLE DATA**

52,278 Compliant (20 mph or below)

136,777 Low Risk (21-29 mph)

53,165 Medium Risk (30-39 mph)

2,987 High Risk (40 mph or higher)

\*Data period: 90 days

# Flyway Drive

(Actual Volume)

## Flyway 1 WB 2<sup>nd</sup> Quarter 2023

**101,009 TOTAL VEHICLES**  
34,701 Compliant (30 mph or below)  
60,247 Low Risk (31-39 mph)  
5,900 Medium Risk (40-49 mph)  
161 High Risk (50 mph or higher)

\*Data does not reflect full quarter due to device relocation

## Flyway 2 WB 2<sup>nd</sup> Quarter 2023

**107,035 TOTAL VEHICLES**  
12,567 Compliant (30 mph or below)  
78,735 Low Risk (31-39 mph)  
15,512 Medium Risk (40-49 mph)  
221 High Risk (50 mph or higher)

\*Data does not reflect full quarter due to device relocation



# Flyway Drive

(Actual Volume)

## Flyway 3 EB 2<sup>nd</sup> Quarter 2023

**58,470 TOTAL VEHICLES**  
34,701 Compliant (30 mph or below)  
42,157 Low Risk (31-39 mph)  
11,963 Medium Risk (40-49 mph)  
275 High Risk (50 mph or higher)

\*Data does not reflect full quarter due to device relocation

## Flyway 4 EB 2<sup>nd</sup> Quarter 2023

**60,421 TOTAL VEHICLES**  
21,954 Compliant (30 mph or below)  
35,782 Low Risk (31-39 mph)  
2,665 Medium Risk (40-49 mph)  
20 High Risk (50 mph or higher)

\*Data does not reflect full quarter due to device relocation