

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



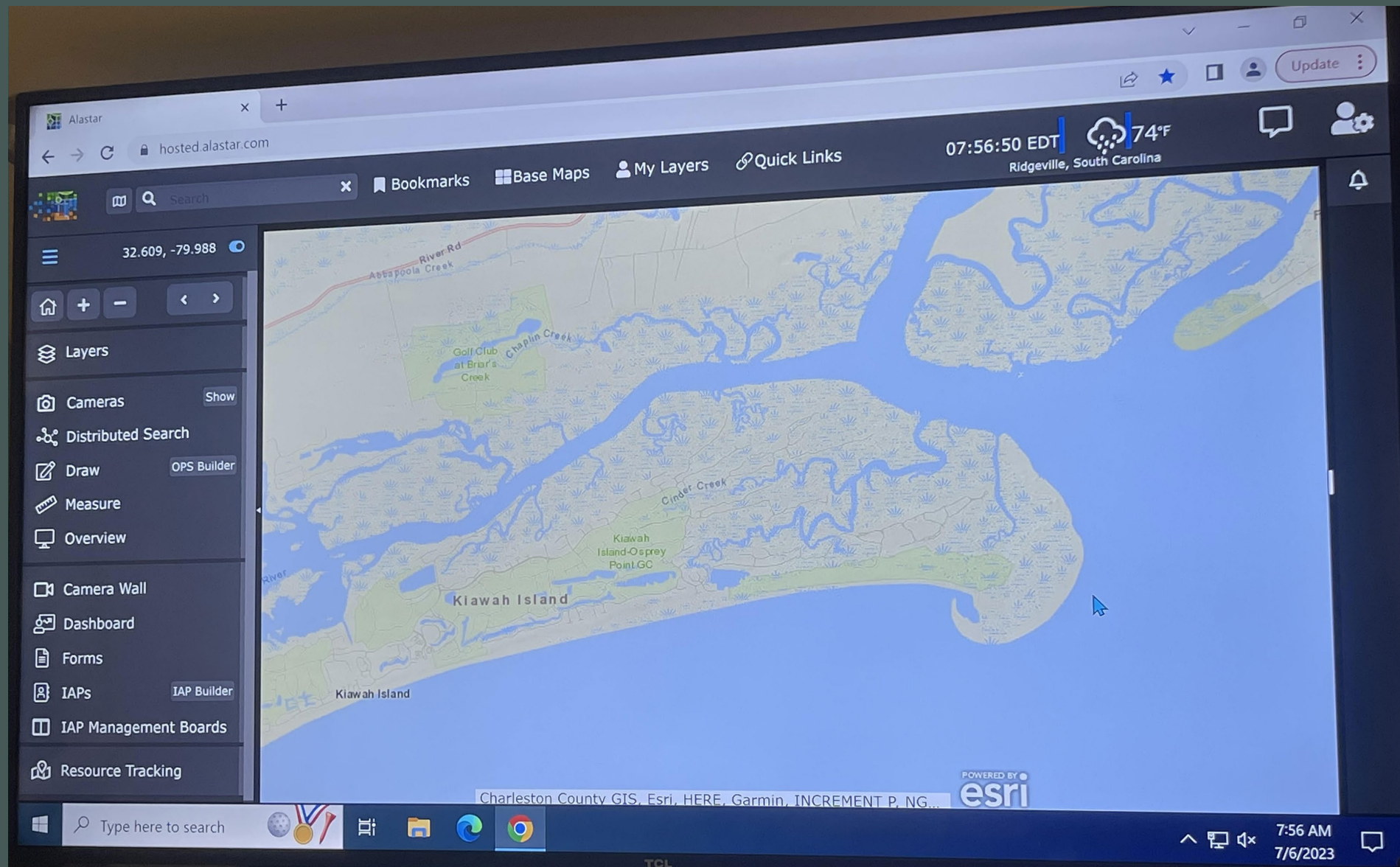
Patrol Light Bars



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

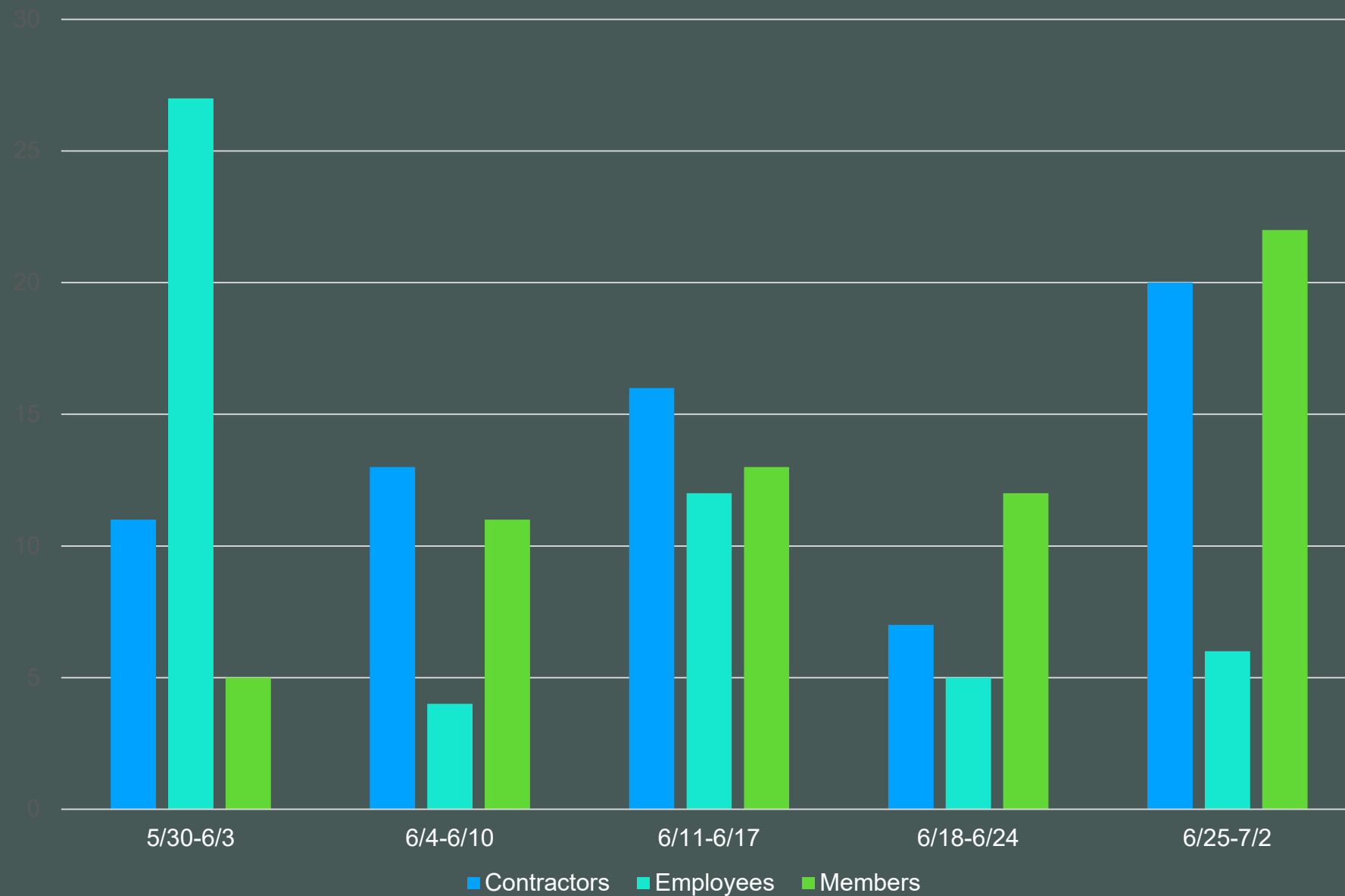
- Commercial: 67
- Island Employee: 54
- Members: 63

*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

Appendix

Kiawah Island Parkway

(Actual Volume)

1st 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)

2nd Quarter 2022

399,428 TOTAL VEHICLES

274,515 Compliant (30 mph or below)

123,576 Low Risk (31-39 mph)

1,282 Medium Risk (40-49 mph)

85 High Risk (50 mph or higher)

Kiawah Island Parkway

(Actual Volume)

3rd 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

4th Quarter 2022

674,426 TOTAL VEHICLES

256,309 Compliant (30 mph or below)

408,897 Low Risk (31-39 mph)

8906 Medium Risk (40-49 mph)

314 High Risk (50 mph or higher)

*Data period: 90 days

Kiawah Island Parkway

(Actual Volume)

1st Quarter 2023

2nd 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

2nd 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

2nd 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)

1st 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

2nd 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)

1st 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)

2987 High Risk (40 mph or higher)

*Data period: 90 days

Flyway Drive

(Actual Volume)

Flyway 1 WB 2nd Quarter 2023

101,009 TOTAL VEHICLES
34,701 Compliant (20 mph or below)
60,247 Low Risk (21-29 mph)
5,900 Medium Risk (30-39 mph)
161 High Risk (40 mph or higher)

*Data does not reflect full quarter due to device relocation

Flyway 2 WB 2nd Quarter 2023

107,035 TOTAL VEHICLES
12,567 Compliant (20 mph or below)
78,735 Low Risk (21-29 mph)
15,512 Medium Risk (30-39 mph)
221 High Risk (40 mph or higher)

*Data does not reflect full quarter due to device relocation

Flyway Drive

(Actual Volume)

Flyway 3 EB 2nd Quarter 2023

58,470 TOTAL VEHICLES

34,701 Compliant (20 mph or below)

42,157 Low Risk (21-29 mph)

11,963 Medium Risk (30-39 mph)

275 High Risk (40 mph or higher)

*Data does not reflect full quarter due to device relocation

Flyway 4 EB 2nd Quarter 2023

60,421 TOTAL VEHICLES

21,954 Compliant (20 mph or below)

35,782 Low Risk (21-29 mph)

2,665 Medium Risk (30-39 mph)

20 High Risk (40 mph or higher)

*Data does not reflect full quarter due to device relocation