

FINAL

RESURFACING, RESTORATION & REHABILITATION SAFETY REVIEW



SR 5/US 1 from Smugglers Marine to Executive Bay Club
Section No.: 90060000; Milepost: 11.939 to 13.417

Financial Project No.: 250650-5-32-01
Task Work Order No.: 38

Prepared for:
Florida Department of Transportation - District 6

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JULY 2023

**SR 5/US 1/Overseas Highway from 580 ft. S. of
Smugglers Marine (MP 11.939/MM 85.715) to 195 ft.
N. of Executive Bay Club (MP 13.417/MM 87.160)**

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(RRR) Safety Review

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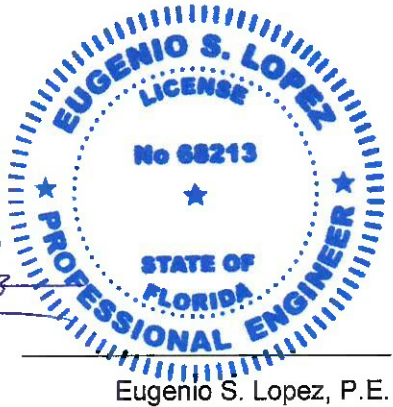

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Engineer's Certification

I, Eugenio S. Lopez, P.E. No. 68213, certify that I currently hold an active Professional Engineer's License in the State of Florida and am competent through education or experience to provide engineering services in the civil and traffic engineering disciplines contained in this report. I further certify that this report was prepared by me or under my responsible charge as defined in Chapter 61G15-18.001 F.A.C. and that all statements, conclusion, and recommendations made herein are true and correct to the best of my knowledge and ability.

7/10/2023



Eugenio S. Lopez, P.E.



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1. Introduction

Choice Engineering Consultants, Inc. was retained by the Florida Department of Transportation (FDOT) District Six Traffic Operations Office (hereafter referred to as the Department) as a subconsultant to C.H. Perez & Associates Consulting Engineers, Inc. to prepare a Resurfacing, Restoration, and Rehabilitation (RRR) Safety Review for SR 5/US 1/Overseas Highway (Section 90060000) from approx. 580 feet south of Smugglers Marine (MP 11.939 / MM 85.715) to 195 feet north of Executive Bay Club (MP 13.417 / MM 87.160) in Plantation Key, Monroe County, Florida, as presented in **Figure 1**. The study corridor was recommended for a safety review due to being identified by the Department as a candidate for resurfacing as part of the FDOT RRR Project with FM No. 449738-1 in Fiscal Year 2027. The purpose of this effort is to evaluate the existing traffic safety and operations along the study corridor by reviewing historical crash data, developing collision diagrams, and performing qualitative field observations to identify safety concerns and feasible improvements, if any, and/or suggest supplemental studies for the subject corridor. The project scope of this assigned effort is included as **Attachment A**.

2. Work Program Review

The following are relevant FDOT studies and/or projects that were conducted or will be completed at or within the vicinity of the study area. These studies/projects may serve as an informational reference for subsequent sections of this safety study.

- MCCO Weigh Station Static/Wim – FPID: 436764-2. Description: This project involved reconstructing the Plantation Key Weigh Station with improved roadway features and lighting. It is noted that the project was only limited to the weigh station and did not extend onto the SR 5 roadway. This project was completed in 2018.
- Routine Maintenance – FPID: 405798-3. Description: This project involves performing maintenance along SR 5, the limits extended from MM 72 to north of MM 91. This project was completed in 2019.
- Bridge-Repair/Rehabilitation – FPID: 436532-1. Description: This project involved performing minor repair work on the Snake Creek Canal Bridge #900077. This project was completed in 2020.

- Emergency Operations – FPID: 443214-1. Description: This project involved performing work in relation to Hurricane Irma, the limits extended from MM 53.0 to MM 106.0 along SR 5. This project was completed in 2020.
- Traffic Signals – FPID: 444920-1. Description: This is a pilot project which involves preparing the Florida Keys (along SR 5) for connected vehicles applications. This project is expected to be completed in 2023.
- Routine Maintenance – FPID: 405798-6. Description: This project involves performing landscaping work for the Village of Islamorada and is expected to be completed by 2025.
- Pedestrian/Wildlife Overpass – FPID: 442040-1. Description: This project involves constructing a pedestrian and a wildlife overpass near the entrance of East Ridge Road (MP 13.079). It is noted that SR 5 within the limits of the project does not appear to be significantly impacted. This project was completed in 2020.
- Routine Maintenance – FPID: 405798-2. Description: This project involves performing maintenance along SR 5, the limits extend from MM 72 to north of MM 91. This project is considered as on-going by the Department.

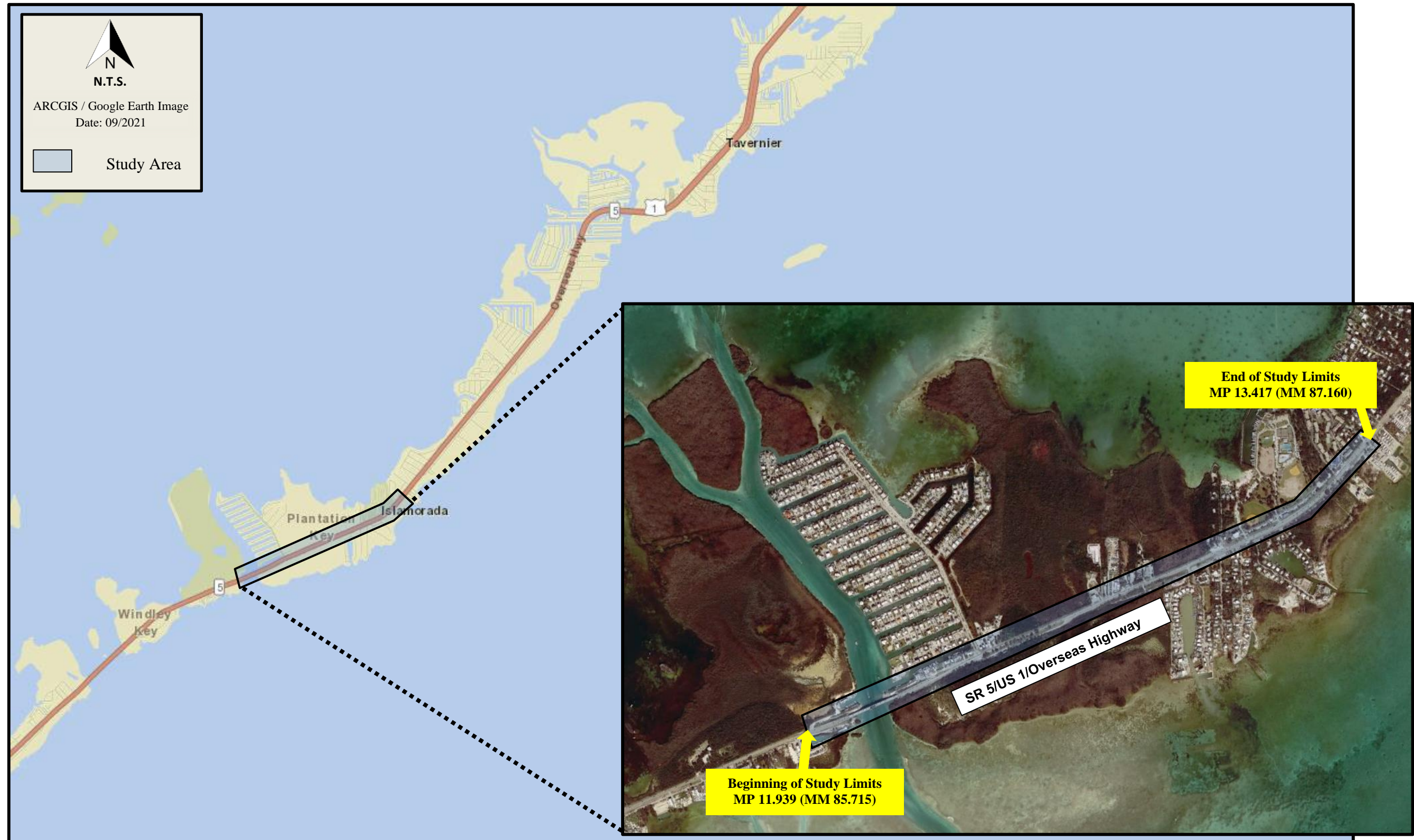


Figure 1: Study Location Map

3. Existing Conditions

3.1 ROADWAY CHARACTERISTICS

The approximately 1.478-mile study corridor of SR 5/US 1/Overseas Highway extends from approx. 580 feet south of Smugglers Marine (MP 11.939 /MM 85.715) to approx. 195 feet north of Executive Bay Club (MP 13.417 /MM 87.160) and is located within Plantation Key, in Monroe County, Florida. Within the study area, SR 5 has a functional classification of Urban Principal Arterial Other and it is identified on the State Highway system as Section 90060000. The Straight-Line Diagram (SLD) for Section 90060000 is included as **Attachment B**. Additionally, the study corridor has the designation of access class 6. The context classification is C4 from MP 11.939 to MP 11.988, C3C from MP 11.988 to 12.883, and C3R from MP 12.883 to MP 13.417. Within the study limits, SR 5 is a two-lane divided roadway with a painted median and a posted speed limit of 45 MPH. SR 5 is oriented northeast-southwest; however, SR 5 will be considered to have a north-south orientation with the northbound direction of travel towards Miami and the southbound direction of travel towards Key West hereafter. As a result, all minor streets will be oriented east to west. It is noted that the horizontal alignment along SR 5 has a slight horizontal curve between the Islamorada Chamber of Commerce (MP 13.191) and the Executive Bay Club (MP 13.454) intersections.

According to the FDOT Straight Line Diagram (SLD), there are eight (8) unsignalized intersections along the approximately 1.478-mile study corridor. Additionally, there are numerous unsignalized driveways scattered throughout the entire study corridor. It is noted that the unsignalized intersections and driveways operate under stop control and are primarily “T” intersections which do not typically contain exclusive turn lanes. There are dedicated bike lanes along SR 5 in the northbound and southbound directions of travel. Utility poles and lines (with occasional streetlights) are provided along both sides of SR 5 south of MP 12.191 (750 feet north of Smugglers Marine) and along the west side of SR 5 north of MP 12.191.

It is noted that pavement markings related to auxiliary lane transitions and taper lengths were reviewed throughout the study corridor to identify if they comply with current Department standards. Based on this review, the westbound exclusive right-turn acceleration lane at the NB Off Weigh Station intersection does not comply with the Department’s minimum lane transition lengths based on the 45 MPH posted speed. Additionally, at the East Ridge Road intersection,

the northbound right-turn lane does not comply with the Department’s approach end taper length standards based on a single turn lane.

4. CRASH ANALYSIS

Crash data for the five most recent and official years (from January 2015 to December 2019) was downloaded from the FDOT’s Crash Reporting System (CAR) on-line database. The crash data includes crashes along SR 5 (Section 90060000) that occurred from 580 feet south of Smugglers Marine (MP 11.939) to 195 feet north of the Executive Bay Club (MP 13.417). Crash summaries are included in **Attachment C** and a crash summary for the entire study corridor is provided in **Table 1**. This review effort included the development of a collision diagram plotted by the individual review of each police report, which was included as **Attachment D**. The CAR crash data was supplemented by Signal Four Analytics which identified 14, 13, 12, 18, and 18 additional crashes for each analysis year, respectively. The final crash breakdown for the study corridor is 34, 47, 36, 38, and 42 crashes for each respective year of analysis. The crash statistics for the entire study corridor are presented first, followed by the crash statistics for the crash clusters identified from the collision diagrams.

4.1 ENTIRE STUDY CORRIDOR

Based on a review of CAR data, a total of 197 crashes were documented along the study corridor with 34 crashes in 2015, 47 crashes in 2016, 36 crashes in 2017, 38 crashes in 2018, and 42 crashes in 2019. The leading crash types consist of Rear End with 131 (67%) crashes, Angle with 20 (10%) crashes, Fixed Object with 16 (8%) crashes, and Sideswipe with 15 (8%) crashes. Based on the collision diagram, Angle and Fixed Object crashes occurred sporadically throughout the study corridor and no pattern was observed. It is noted that details of any relevant crash patterns are discussed in Section 4.2. Based on crash severity, 149 (76%) were property damage only crashes, 44 (22%) were injury crashes, and 4 (2%) were fatal crashes. There were 20 (10%) night/dusk/dawn crashes reported, which is less than the 2015-2019 Districtwide average for all roadways of 28%. Additionally, there were 10 (5%) crashes reported to have occurred under wet/slippery pavement conditions, which is less than the 2015-2019 Districtwide average for all roadways of 12%.

Table 1: Crash Summary - Entire Study Corridor (2015-2019)

SR 5/US 1/Overseas Highway from MP 11.939 (MM 85.715) to MP 13.417 (MM 87.160) Segment/Spot with No Expected Values Available		Number of Crashes					5 Year Total Crashes	Mean Crashes Per Year	%
		Year							
		2015	2016	2017	2018	2019			
CRASH TYPE	Rear End	21	30	26	29	25	131	26.20	66.5%
	Head On	0	1	2	0	0	3	0.60	1.5%
	Angle	4	9	1	1	5	20	4.00	10.2%
	Left Turn	0	0	0	1	0	1	0.20	0.5%
	Right Turn	0	0	0	0	1	1	0.20	0.5%
	Sideswipe	2	3	2	4	4	15	3.00	7.6%
	Backed Into	0	2	1	2	1	6	1.20	3.0%
	Pedestrian	0	0	0	0	0	0	0.00	0.0%
	Bicycle	0	0	1	0	0	1	0.20	0.5%
	Fixed Object	6	2	3	1	4	16	3.20	8.1%
	Other Non-Collisions	0	0	0	0	0	0	0.00	0.0%
	Overturn/Rollover	0	0	0	0	0	0	0.00	0.0%
	Others	1	0	0	0	2	3	0.60	1.5%
		Total Crashes	34	47	36	38	42	197	39.40
SEVERITY	PDO Crashes	24	32	27	33	33	149	29.80	75.6%
	Fatal Crashes	0	3	0	0	1	4	0.80	2.0%
	Injury Crashes	10	12	9	5	8	44	8.80	22.3%
LIGHTING CONDITIONS	Daylight	24	42	32	34	39	171	34.20	86.8%
	Dusk	0	0	0	0	1	1	0.20	0.5%
	Dawn	0	0	1	0	0	1	0.20	0.5%
	Dark	6	5	3	3	1	18	3.60	9.1%
	Unknown	4	0	0	1	1	6	1.20	3.0%
SURFACE CONDITIONS	Dry	34	46	33	34	40	187	37.40	94.9%
	Wet	0	1	3	4	2	10	2.00	5.1%
	Others	0	0	0	0	0	0	0.00	0.0%

The following 4 fatal crashes were documented during the 2015 to 2019 period for the study corridor. The detailed fatal police reports and FCRs are included in **Attachment E**.

- The first fatal collision (852404280) occurred in January 2016 under dry, daylight conditions at MM 85.8 on Snake Creek Bridge (approx. 0.2 miles south of Venetian Boulevard) with “careless or negligent manner” as the contributing action. According to the police report, the crash involved one northbound and two southbound vehicles. The second southbound vehicle collided with the first southbound vehicle as a Rear End collision, this caused the first southbound vehicle to enter the northbound travel lanes and collide with the

northbound vehicle as a Head On collision. Note, this fatal crash was studied under Fatal Crash Review (FCR) 2016 – B10 No. 48, which recommended the following:

- Perform a daytime field review to assess the sight visibility to the traffic signal at the crest of the Snake Creek drawbridge and the probable causes for Rear End collisions along southbound US 1 approaching the traffic signal.
- Install a “Signal Warning” sign supplemented with “Prepare To Stop When Flashing” plaque and 2 flashing beacons, facing southbound traffic.
- Recap the stop bars on US 1 at the Snake Creek drawbridge signal.
- The second fatal collision (852853820) occurred in June 2016 under dry, dark-lighting conditions near MM 86 (approx. 0.1 miles north of Venetian Boulevard) with “failed to keep in proper lane” as the contributing action. According to the police report, the crash involved a northbound vehicle entering the southbound travel lanes and colliding with a southbound vehicle as a Head On collision. It is noted that other vehicles were also impacted due to this collision. Note, this fatal crash was studied under FCR 2016 – B08 No. 20, which recommended no further action.
- The third fatal collision (853140070) occurred in October 2016 under dry, daylight conditions near MM 86.8 (at East Ridge Road intersection) with “failed to yield right-of-way” as the contributing cause. According to the police report, the crash involved a vehicle performing a westbound left-turn and colliding with a northbound vehicle. Note, this fatal crash was studied under FCR 2017 – B1 No. 14, which recommended no further action.
- The fourth fatal collision (88181972) occurred in November 2019 under dry, daylight conditions at the Venetian Boulevard intersection (MM 86) with “failed to keep in proper lane” as the contributing cause. According to the police report, the crash involved a southbound vehicle colliding with a guardrail and a tree, both located on the west side of SR 5. Note, this fatal crash was studied under FCR 2020 – B1 No. 4, which recommended no further action.

Signal Four was checked for any fatal crashes that might have occurred from January 1, 2020, through October 31, 2022 (latest available date at time of query) and no additional fatal crashes were identified.

A confidence level analysis was performed along the study corridor that indicates that the frequency of crashes was not abnormally high for the study corridor. A confidence level analysis determines if the subject location has an abnormally high number of crashes and the confidence level of it being abnormally high. According to the Highway Safety Improvement Program (HSIP), urban locations with a confidence level of 99.95% or higher can be considered to have an abnormally high number of crashes. **Table 2** below summarizes the crash statistics, including confidence level analysis, for the study corridor during the referenced years.

Table 2: Crash Statistics - Entire Study Corridor (2015-2019)

Year	2015	2016	2017	2018	2019
Number of Crashes	34	47	36	38	42
Average Daily Traffic (ADT)	27,500	22,000	20,500	20,400	21,500
Actual Crash Rate (ACR)	2.292	3.960	3.255	3.453	3.621
District 6 Average Crash Rate (A)	13.683	13.003	16.135	18.220	19.766
Average Vehicle Exposure (M)	14.835	11.868	11.059	11.005	11.599
Critical Crash Rate (CCR)	16.810	16.406	20.064	22.409	24.019
Safety Ratio	0.136	0.241	0.162	0.154	0.151
Statistical Significance	-11.826	-8.599	-10.625	-11.441	-12.334
Confidence Level	50.00%	50.00%	50.00%	50.00%	50.00%

Additionally, based on a review of the Department’s high crash lists for intersections and segments (2015-2019), the following high crash intersections and segments were identified within or in the vicinity of the study corridor:

- Intersection 1 - NB Off Weigh at MP 12.191.
- Intersection 2 - Venetian Boulevard at MP 12.202.
- Segment 1 – Segment along SR 5 from 395 feet south of Smugglers Marine (MP 11.974) to 360 feet north of Venetian Boulevard (MP 12.27).

4.2 CRASH CLUSTERS

Based on a review of the crash data and collision diagrams for 2015 to 2019, the following crash clusters were identified and will be further analyzed in Section 4.2 of this report:

- **Snake Creek Bridge Cluster** – Segment from MP 12.210 to MP 12.340 (850 feet north to 1510 feet north of Smugglers Marine).
- **Cluster 1** - Segment from MP 12.040 to MP 12.480 (0.17 miles south to 0.29 miles north of Venetian Boulevard). Note that the high crash locations listed above fall within the limits of Cluster 1.
- **Cluster 2** - Segment from MP 12.894 to MP 13.068 (0.011 miles north of Treasure Harbor Drive to 0.009 miles south of Public Safety Headquarters/East Ridge Drive).

A confidence level analysis was performed for all high crash clusters within the study corridor. The crash summaries with the confidence level results are presented in **Table 3**. Additionally, the approximate limits for the study clusters are identified in the collision diagrams attached as **Attachment D**.

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Table 3: Crash Summary - Identified Crash Clusters

SR 5/US 1/Overseas Highway from MP 11.939 (MM 85.715) to MP 13.417 (MM 87.160)		Snake Creek Bridge								Cluster #1								Cluster #2							
		Segment/Spot with No Expected Values Available								Segment/Spot with No Expected Values Available								Segment/Spot with No Expected Values Available							
		2015	2016	2017	2018	2019	Total	Avg	%	2015	2016	2017	2018	2019	Total	Avg	%	2015	2016	2017	2018	2019	Total	Avg	%
CRASH TYPE	Rear End	4	5	1	5	4	19	3.80	76.0%	10	11	12	8	7	48	9.60	70.6%	3	4	2	6	4	19	3.80	61.3%
	Head On	0	0	0	0	0	0	0.00	0.0%	0	1	0	0	0	1	0.20	1.5%	0	0	1	0	0	1	0.20	3.2%
	Angle	0	0	0	0	0	0	0.00	0.0%	2	3	0	0	2	7	1.40	10.3%	0	4	0	0	2	6	1.20	19.4%
	Left Turn	0	0	0	0	0	0	0.00	0.0%	0	0	0	0	0	0	0.00	0.0%	0	0	0	1	0	1	0.20	3.2%
	Right Turn	0	0	0	0	0	0	0.00	0.0%	0	0	0	0	0	0	0.00	0.0%	0	0	0	0	0	0	0.00	0.0%
	Sideswipe	1	1	0	0	0	2	0.40	8.0%	1	0	2	1	4	8	1.60	11.8%	0	0	0	1	0	1	0.20	3.2%
	Backed Into	0	0	0	1	0	1	0.20	4.0%	0	0	0	0	1	1	0.20	1.5%	0	1	1	0	1	3	0.60	9.7%
	Pedestrian	0	0	0	0	0	0	0.00	0.0%	0	0	0	0	0	0	0.00	0.0%	0	0	0	0	0	0	0.00	0.0%
	Bicycle	0	0	0	0	0	0	0.00	0.0%	0	0	1	0	0	1	0.20	1.5%	0	0	0	0	0	0	0.00	0.0%
	Fixed Object	1	1	0	0	0	2	0.40	8.0%	1	1	0	0	0	2	0.40	2.9%	0	0	0	0	0	0	0.00	0.0%
	Other Non-Collisions	0	0	0	0	0	0	0.00	0.0%	0	0	0	0	0	0	0.00	0.0%	0	0	0	0	0	0	0.00	0.0%
	Overturn/Rollover	0	0	0	0	0	0	0.00	0.0%	0	0	0	0	0	0	0.00	0.0%	0	0	0	0	0	0	0.00	0.0%
	Others	0	0	0	0	1	1	0.20	4.0%	0	0	0	0	0	0	0.00	0.0%	0	0	0	0	0	0	0.00	0.0%
	Total Crashes	6	7	1	6	5	25	5.00	100.0%	14	16	15	9	14	68	13.60	100.0%	3	9	4	8	7	31	6.20	100.0%
CONFIDENCE LEVEL	*Not Calculated for <8 Crashes	*	*	*	*	*	N/A			50.00%	50.00%	50.00%	50.00%	50.00%	N/A			*	50.00%	*	50.00%	*	N/A		
SEVERITY	PDO Crashes	0	6	1	6	3	16	3.20	64.0%	11	11	12	8	12	54	10.80	79.4%	2	5	3	5	5	20	4.00	64.5%
	Fatal Crashes	0	1	0	0	0	1	0.20	4.0%	0	1	0	0	0	1	0.20	1.5%	0	1	0	0	0	1	0.20	3.2%
	Injury Crashes	1	0	0	0	2	3	0.60	12.0%	3	4	3	1	2	13	2.60	19.1%	1	3	1	3	2	10	2.00	32.3%
LIGHTING CONDITIONS	Daylight	0	0	1	0	5	6	1.20	24.0%	10	15	14	9	12	60	12.00	88.2%	3	9	4	8	7	31	6.20	100.0%
	Nighttime	1	1	0	0	0	2	0.40	8.0%	4	1	1	0	2	8	1.60	11.8%	0	0	1	0	0	1	0.20	3.2%
SURFACE CONDITIONS	Dry	6	0	1	0	5	12	2.40	48.0%	14	16	15	8	14	67	13.40	98.5%	3	9	4	7	7	30	6.00	96.8%
	Wet	0	1	0	1	0	2	0.40	8.0%	0	0	0	1	0	1	0.20	1.5%	0	0	0	1	0	1	0.20	3.2%

The following are the major findings for the crash clusters along the study corridor during the five-year period. Additionally, a preliminary review of crash data from Signal Four Analytics from January 2020 through October 2022 was performed at the crash cluster locations to determine if the identified patterns continue to be prevalent in the later years.

Snake Creek Bridge:

The limits of the crash data for the Snake Creek Bridge cluster extends along SR 5 from approximately 700 feet north (MP 12.182) and 1600 feet north (MP 12.352) of Smugglers Marine. Of the 197 crashes previously mentioned within the entire study corridor limits, a total of 25 crashes were identified at this location. There were 6 crashes in 2015, 7 crashes in 2016, 1 crash in 2017, 6 crashes in 2018, and 5 crashes in 2019. The leading crash type was Rear End with 19 (76%) crashes.

Based on crash severity, 16 (64%) were property damage only, and 3 (12%) were injury type crashes. There was one fatality (Report No. 852404280) reported in the five-year period, as described in Section 4.1. There were 2 (8%) nighttime crashes reported which is less than the 2015-2019 Districtwide average for all roadways of 28%. Additionally, there were 2 (8%) crashes reported to have occurred under wet pavement conditions which is less than the 2015-2019 Districtwide average for all roadways of 12%. A confidence level analysis for the study location was not performed since the total number of crashes did not meet the minimum of 8 crashes per year to be statistically significant. Furthermore, based upon a review of the Department’s High Crash Lists (2015-2019) for intersections and segments, the Snake Creek Bridge cluster limits was not identified as containing high crash intersections but is located within a high crash segment, as previously mentioned in Section 4.1.

Relevant Crash Patterns: A minor pattern of Rear End crashes for vehicles driving in the southbound direction was identified throughout the Snake Creek Bridge cluster limits. There were 15 Rear End crashes which consisted of 2 injuries, 1 fatal, and 12 property damage only crashes. Based on Signal Four Analytics data (January 2020 up to October 2022), there was 1 Rear End crash reported within the Snake Creek Bridge crash cluster. It is noted that this crash pattern was previously addressed with the recommendations from FCR 2016 – B10 No. 48 (outlined in Section 4.1); therefore, this cluster will not be analyzed further.

Cluster 1:

The limits of the crash data for Cluster 1 extends along SR 5 from approximately 900 feet south (MP 12.030) and 950 feet north (MP 12.380) of Venetian Boulevard (MP 12.202). Of the 197 crashes previously mentioned within the entire study corridor limits, a total of 68 crashes were identified at this location. There were 14 crashes in 2015, 16 crashes in 2016, 15 crashes in 2017, 9 crashes in 2018, and 14 crashes in 2019. The leading crash types were Rear End with 48 (71%) crashes, Sideswipe with 8 crashes (12%), and Angle with 7 crashes (10%).

Based on crash severity, 54 (79%) were property damage only and 13 (19%) were injury type crashes. There was one fatality (Report No. 852853820) reported in the five-year period, as described in Section 4.1. There were 8 (12%) nighttime crashes reported, which is less than the 2015-2019 Districtwide average for all roadways of 28%. Additionally, there was 1 (2%) crash reported to have occurred under wet pavement conditions, which is less than the 2015-2019 Districtwide average for all roadways of 12%. The confidence level analysis for the crash cluster indicates that the frequency of crashes was not abnormally high. Based on a review of the Department's High Crash Lists (2015-2019) for intersections and segments, the study area contains two high crash intersections and is within a high crash segment, as previously mentioned in Section 4.1.

Relevant Crash Patterns: A pattern of Rear End crashes for vehicles driving in the northbound (9 crashes) and southbound (17 crashes) directions was identified within the limits of the merge lane transitions located to the north and south of Venetian Boulevard, respectively. Also, a minor pattern of Rear End crashes in the southbound direction was identified within the limits of the exclusive southbound right-turn lane for Venetian Boulevard (11 crashes). Based on Signal Four Analytics data (January 2020 up to October 2022), there were 8 northbound and 13 southbound Rear End crashes reported within the Crash Cluster 1 limits.

Cluster 2:

The limits of the crash data for Cluster 2 extends along SR 5 from approximately 70 feet north (MP 12.896) of Treasure Harbor Drive (MP 12.883) and 75 feet north (MP 13.093) of Public Safety Headquarters/East Ridge Road (MP 13.079). Of the 197 crashes previously mentioned within the entire study corridor limits, a total of 31 crashes were identified at this location. There were 3 crashes in 2015, 9 crashes in 2016, 4 crashes in 2017, 8 crashes in 2018, and 7 crashes in 2019. The leading crash types were Rear End with 19 (61%) crashes, and Angle with 6 crashes (19%).

Based on crash severity, 20 (65%) were property damage only, and 10 (32%) were injury type crashes. There was one fatality (Report No. 853140070) reported in the five-year period, as described in Section 4.1. There was 1 (3%) nighttime crash reported, which is less than the 2015-2019 Districtwide average for all roadways of 28%. Additionally, there was 1 (1.5%) crash reported to have occurred under wet pavement conditions, which is less than the 2015-2019 Districtwide average for all roadways of 12%. A confidence level analysis for the study location was not performed for the years of 2015, 2017, and 2019 since the total number of crashes did not meet the minimum of 8 crashes per year to be statistically significant. For years 2016 and 2018, the confidence level analysis indicates that the frequency of crashes was not abnormally high. Furthermore, based upon a review of the Department's High Crash Lists (2015-2019) for intersections and segments, the crash cluster was not identified as containing high crash intersections or being within a high crash segment.

Relevant Crash Patterns: A minor pattern of Rear End crashes for vehicles driving in the southbound (13 crashes) and northbound (5 crashes) directions of travel along SR 5 was identified within the cluster limits. Based on Signal Four Analytics data (January 2020 up to October 2022), there were 2 Rear End crashes reported within the Crash Cluster 2 limits.

5. Field Review

Drive-through field reviews utilizing the floating car method were performed on Friday, September 10, 2021, from 11:00 AM to 1:00 PM and from 2:00 PM to 4:00 PM, to ascertain the overall corridor operations and site conditions from both a traffic and safety perspective. The daytime field review was performed during the peak crash periods for the study corridor which coincides with the typical midday and afternoon peak traffic periods. Additionally, a nighttime field review was conducted on Monday, September 13, 2021, from 2:45 AM to 3:15 AM during the periods identified as containing the majority of Fixed Object crashes to confirm that the high mast highway lighting fixtures were functional, and to confirm the overall reflectivity of the pavement markings and signs. The following sections summarize first the key observations for the overall corridor and then those of any crash clusters. Photographs included in **Figure 2** at the end of this section provide additional information about the field observations.

Corridor and General Cluster Observations:

- The overall level of traffic through the study corridor was relatively moderate to heavy with an even volume split between the northbound and southbound directions of travel during the midday period, and relatively moderate to heavy during the afternoon period with northbound as the peak direction of travel. Based on the floating car’s speed, vehicles generally appeared to drive at or above the posted speed (45 MPH) when traveling throughout the study corridor.
- There was light eastbound and westbound vehicular activity at most unsignalized intersections throughout the corridor. Left and right-turning vehicles performed the movements with relative ease during the midday period but experienced slight delays during the afternoon period due to the increased vehicular demand along SR 5. At times, however, vehicles performing right-turn movements would cause through vehicles (who were following the turning vehicle closely) to decelerate or circumvent the turning vehicle.
- All existing signage along this section of SR 5 appeared to be in good physical condition and were clearly visible (unobstructed) to northbound and southbound travelers. Additionally, posted speed limit signs were observed in numerous locations along the study limits, facing both directions of travel. See **Figure 2, Photograph 1 and 2**.

- The “Signal Warning” with “Prepare To Stop When Flashing” flashing beacon sign assembly on the southbound approach to the Snake Creek drawbridge is missing.
- The existing pavement appears to be cracked and faded, and skid markings, representative of vehicles suddenly braking or slowing down, are present as shown in **Figure 2, Photograph 3** and **Photograph 4**.
- During the nighttime field review, all roadway lighting fixtures appeared to be operational. Additionally, there is adequate reflectivity for the existing raised pavement markings (RPMs) and existing signage. See **Figure 2, Photograph 5**.
- There was scarce pedestrian and bicyclist activity during the daytime and nighttime observational periods throughout the study corridor.

Cluster 1 Observations:

- The overall level of traffic through the study location/cluster was relatively moderate to heavy during the midday and afternoon periods.
- The exclusive right-turn lanes allowed for vehicles to perform turning movements with relative ease and separated right-turning vehicles from the through traffic along SR 5. Additionally, vehicles performed left-turning movements with relative ease due to adequate gaps in the northbound and southbound traffic streams along SR 5. It is noted that there is a relatively large number of heavy vehicles entering and exiting the NB Weigh Station; however, no conflicts or delays were observed for these heavy vehicles.
- Lane reduction pavement markings are provided for the northbound and southbound merge lane transitions near Venetian Boulevard/NB On Weigh Station, but no “Lane Merge” signage is provided for either northbound or southbound merge lane transitions. See **Figure 2, Photograph 6** and **Photograph 7**.

Cluster 2 Observations:

- The overall level of traffic through the study cluster was relatively moderate to heavy during the midday and afternoon periods. Overall, all turning vehicles were adequately accommodated and experienced relatively light delays.
- There was relatively light northbound left-turn demand for the East Ridge Road intersection. It is noted that flexible delineators have been placed to restrict westbound through left-turn movements at the intersection – see **Figure 2, Photograph 8**.

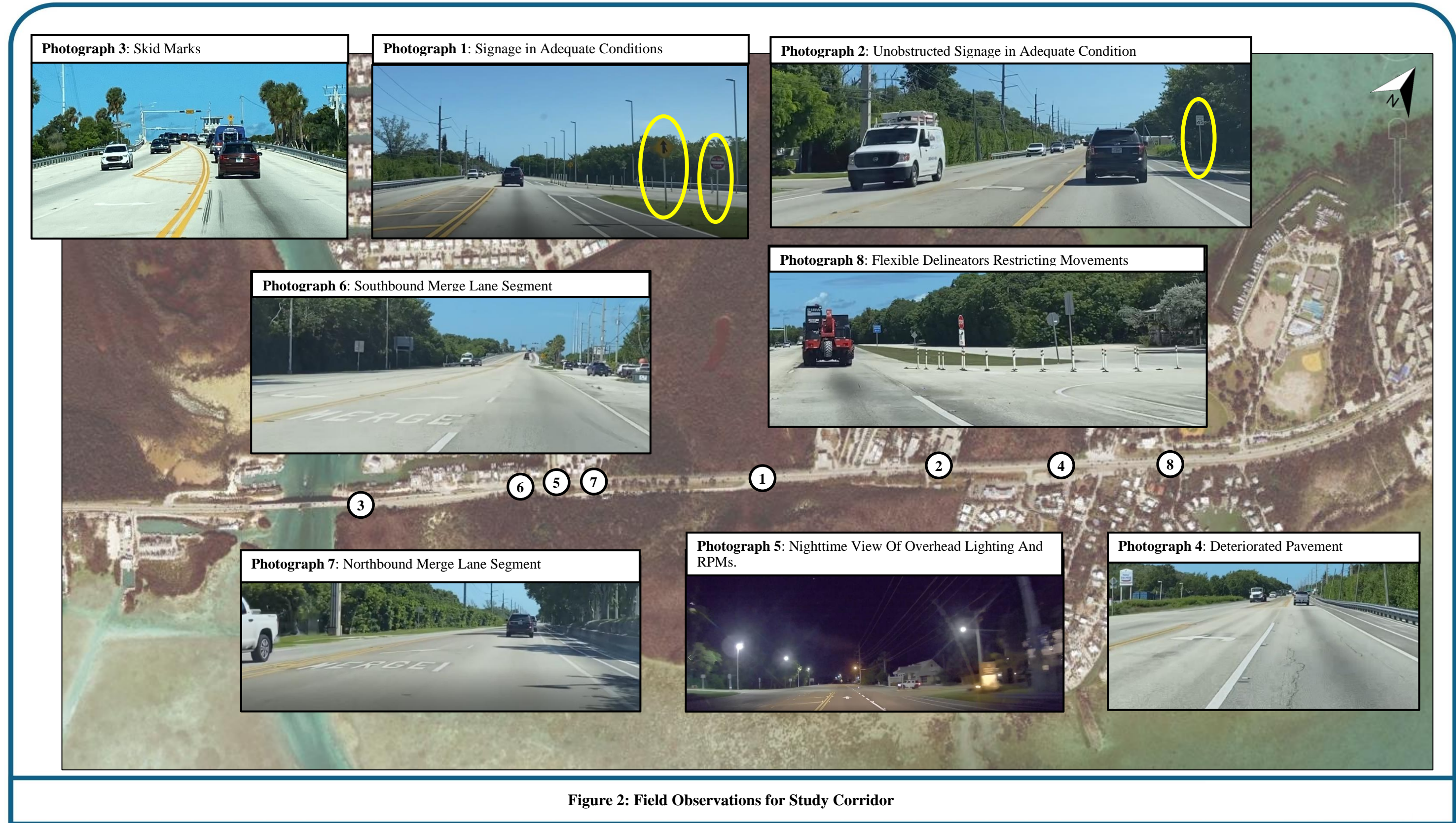


Figure 2: Field Observations for Study Corridor

6. Improvement Development

6.1 CRASH PATTERNS AND COUNTERMEASURES

Table 4 details the crash types that were targeted for mitigation, probable causes and possible countermeasures are identified as well. These countermeasures were used to develop conceptual improvements to reduce the identified crash patterns and improve the overall safety and traffic operations along the study corridor.

Table 4: Probable Causes & Crash Countermeasures (Safety-Related)

Cluster Location	Crash Pattern(s)	Probable Cause(s)	Possible Countermeasure(s)
Cluster 1	Rear End	- Motorist Careless or Negligent Behavior - Vehicles Following Too Closely - Lack of Signage	- Additional signage - Enforcement
Cluster 2			

6.2 IMPROVEMENT RECOMMENDATIONS

Proposed improvements are aimed at reducing and mitigating current and future crash patterns at cluster locations along the study corridor. The improvements have been detailed and graphically depicted in **Figure 3** through **Figure 5**. The proposed improvements are the following:

Entire Corridor:

Safety Improvements:

- Coordinate with local law enforcement officials (Monroe Police Department) to increase existing efforts to enforce the posted speed limit during the non-peak hours to ensure compliance and mitigate the reported Rear End collisions which may have occurred due to excessive speed.
- Coordinate with the Department’s Transportation Systems Management & Operation Unit (TSM&O), the traffic signal maintaining agency, to replace the missing “Signal Warning” with “Prepare To Stop When Flashing” flashing beacon sign assembly located on the southbound approach to the Snake Creek drawbridge.

Non-safety Improvements:

- Upgrade all existing crosswalk markings to special emphasis crosswalk markings.

Cluster 1 (Outlined in Figure 4)

Safety Improvements:

- Install “Lane Ends” (W4-2R) signs for the northbound and southbound merge lane transitions located north and south of Venetian Boulevard to mitigate Rear End collisions occurring within the limits of the merge lane transitions.

Non-safety Improvements:

- Upgrade the auxiliary transition lane length for the westbound exclusive right-turn acceleration lane at the NB Off Weigh Station intersection based on the 45 MPH posted speed. This recommendation must be coordinated with the FDOT Scoping Unit.

Cluster 2 (Outlined in Figure 5)

Safety Improvements: None

Non-safety Improvements:

- Upgrade the taper length for the northbound right-turn lane at the East Ridge Road intersection based on the 45 MPH posted speed. This recommendation must be coordinated with the FDOT Scoping Unit.
- Reduce the length of the existing northbound left-turn lane at the East Ridge Road intersection (MP 13.079) to accommodate a northbound left-turn lane to service Gimpy Gulch Drive and the adjacent store (MP 12.97). Therefore, along SR 5 from south to north, the first northbound left-turn lane will service Gimpy Gulch Drive and the adjacent store, followed by a full median opening, then a painted median, and finally the second left-turn lane which will service the East Ridge Road intersection. This recommendation intends to separate left-turning vehicles whom intend to access Gimpy Gulch Drive and adjacent store from the SR 5 traffic stream and allow turning vehicles to perform the movement as a two stage left-turn crossing maneuver. This is deemed feasible due to the light northbound left-turn vehicular demand observed at the East Ridge Road intersection. The adequate square footage and/or length for the auxiliary lanes at Gimpy Gulch will be determined during the design phase of this RRR study.



Figure 3: Proposed Improvements Sheet 1



Figure 4: Proposed Improvements Sheet 2



Figure 5: Proposed Improvements Sheet 3



List of Attachments:

Attachment A: Scope of Services

Attachment B: Straight Line Diagram (SLD)

Attachment C: Crash Summaries and CARS Data

Attachment D: Collision Diagrams

Attachment E: Fatal Crash Reviews



Attachment A: Scope of Services



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Scope of Services

Contract # C-AA02 - FM 250650-5-32-01

Task Work Order 38

1. BACKGROUND:

The Florida Department of Transportation District 6 Traffic Operations' Office has assigned C.H. Perez & Associates Consulting Engineers, Inc. ("the Consultant") to conduct Resurfacing, Restoration, and Rehabilitation (RRR) Safety Reviews at several locations in Miami Dade County and Monroe County. The Department identified the segment of 90060000/SR 5/US-1/Overseas Highway (Plantation Key) from MP 11.939 to MP 13.417 as a candidate for a RRR project. As a sub to the Consultant firm, this task will be performed by Choice Engineering Consultants, Inc. ("the Subconsultant").

2. PURPOSE:

The purpose of this task work order is to perform engineering tasks associated with the RRR Safety Review at the segment along SR 5/US-1/Overseas Highway (Plantation Key) from MM 87.16 to MM 90.02.

The list below identifies the tasks associated with this effort.

3. ORIGINALSCOPE:

Under this Task Work Order, the CONSULTANT will provide the following services:

- **Task 1 – Coordination:** Consultant shall coordinate all aspects of the safety review with the Department's Design Project Manager to understand the scope of service of the design project, its limits, and attend any meetings that might discuss safety issues for the project. The Consultant shall obtain and analyze all data necessary for the safety review's performance with the Department's project manager to understand the scope of services and ensure no conflicts.
- **Task 2 – Data Collection and Analysis:** The Consultant shall obtain and analyze all data necessary for the safety review performance. Data to be reviewed shall include the Department's Segment and Spot High Crash lists and the latest three years of available crash data (2016 thru 2018) for all locations, individual crash reports for fatal crashes occurring in the same review periods, and the scope of work for the design project. The Consultant shall check ongoing projects or studies within the limits of the project. The Consultant shall review the hard copy crash reports and prepare collision diagrams for cluster locations identifying crash types, severity, and the relative location at the intersections or segments. The crash data will be evaluated to identify probable causes to be used to develop improvements.
- **Task 3 – Location Safety Assessment (Field Review):** The Consultant shall field review the project locations and identify safety concerns associated with geometric alignment, roadway condition, sight distance, peak hour driver behavior, traffic signals, signs, and pavement markings, as well as pedestrian and bicycle safety concerns.
- **Task 4 – Potential Improvements Recommendations:** The Consultant shall identify potential improvements to address each of the identified safety concerns. The Consultant shall ensure that all recommendations meet current FDOT Standards and Specifications and criteria and guidelines contained in the FDOT's Plans Preparations Manual (latest edition). The Consultant shall coordinate the identified improvements with the



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FLORIDA CA 25976 / IB 7360

Department's Design Project Manager. This task might include preparing existing and proposed condition diagrams for locations where improvements are recommended to target abnormal crashes patterns.

- **Task 5 - Report:** The Consultant shall prepare a Draft Report to document all the above tasks performed. Upon receiving and addressing comments from the Department, the Consultant shall prepare the Final Report for each location and submit it to the Department Project manager.

4. CONSULTANT RESPONSIBILITIES:

The Consultant's responsibilities remain the same as in the Original Agreement, and any Supplemental Amendments to date shall remain the same.

5. DEPARTMENT RESPONSIBILITIES:

The Department's responsibilities remain the same as in the Original Agreement, and any Supplemental Amendments to date shall remain the same.

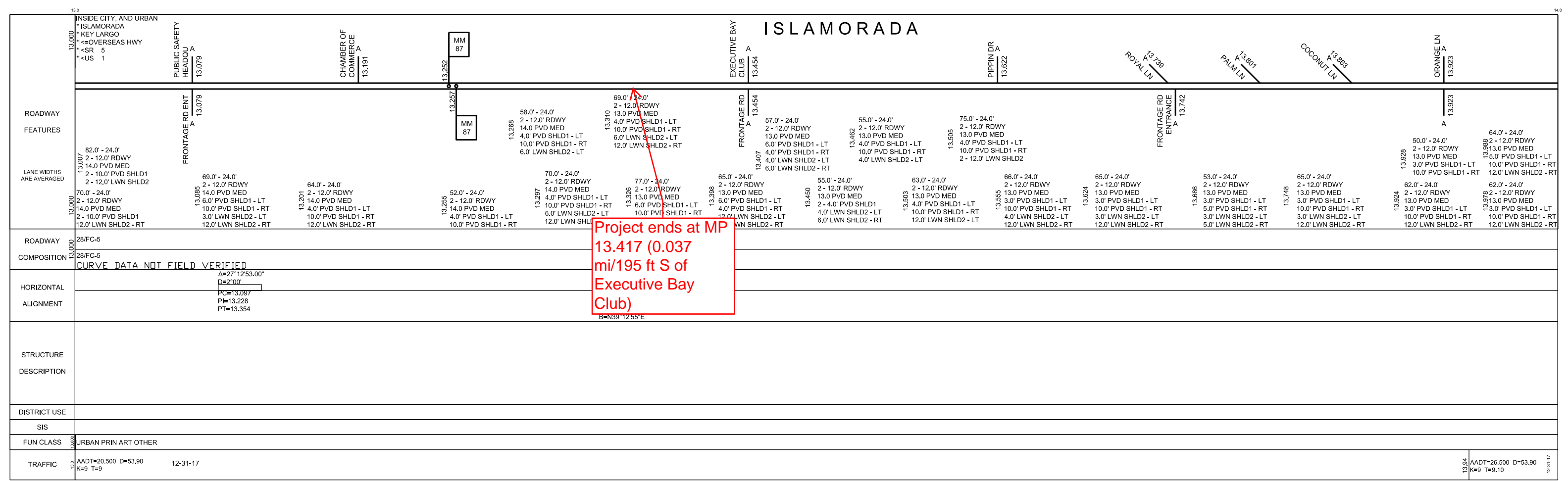
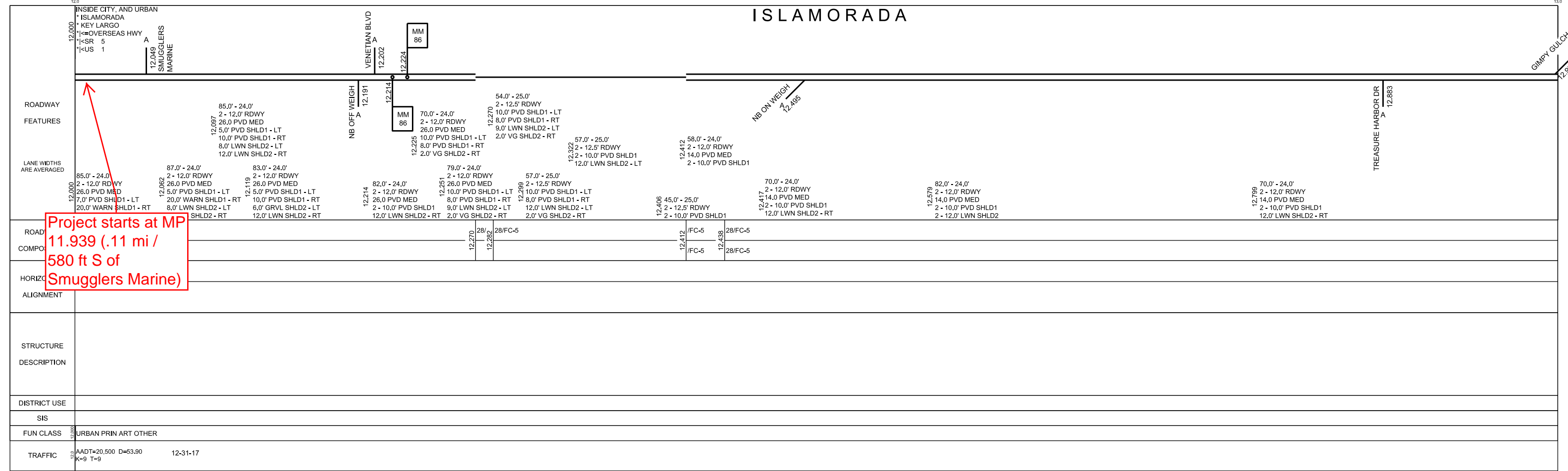


Attachment B: Straight Line Diagram (SLD)

5 YR INV	SLD REV	BMP	EMP	INV	SLD REV
07/16/2018	07/23/2018	000,000	038,777	Cts Engineering	08/03/2018
DATE					
BY	Cts Engineering	Cts Engineering			

FLORIDA DEPARTMENT OF TRANSPORTATION
STRAIGHT LINE DIAGRAM OF ROAD INVENTORY

SECTION STATUS	INT. or US ROUTE NO.	STATE ROAD NO.	COUNTY	DISTRICT	ROADWAY ID	SHEET NO:
02	US 1	SR 5	MONROE	06	90060000	7 OF 20





Attachment C: Crash Summaries and CARS Data

LOCATION INFORMATION CONFIDENCE LEVEL COMPUTATIONS

Location:	SR 5/US 1/Overseas Highway from MP 11.939 (MM 85.715) to MP 13.417 (MM 87.160)	
State Section:	90060000	County: Monroe
State Road:	5	District: 6
Roadway Limits:	SR 5/US 1/Overseas Highway from MP 11.939 (MM 85.715) to MP 13.417 (MM 87.160)	
Engineer:	FDOT	
Area Type:	Urban	
Spot/Segment:	Segment	
Spot Type:	2-3Ln 2Wy Divd Pavd	
Begin Milepost:	11.939	
End Milepost:	13.417	
Begin Year:	2015	
End Year:	2019	
Number of Years:	5	

CRASH STATISTICS

Year	2015	2016	2017	2018	2019
Number of Crashes	34	47	36	38	41
Average Daily Traffic (ADT)	27,500	22,000	20,500	20,400	21,500
Actual Crash Rate (ACR)	2.292	3.960	3.255	3.453	3.535
District 6 Average Crash Rate (A)	13.683	13.003	16.135	18.220	19.766
Average Vehicle Exposure (M)	14.835	11.868	11.059	11.005	11.599
Critical Crash Rate (CCR)	16.810	16.406	20.064	22.409	24.019
Safety Ratio	0.136	0.241	0.162	0.154	0.147
Statistical Significance	-11.826	-8.599	-10.625	-11.441	-12.400
Confidence Level	50.00%	50.00%	50.00%	50.00%	50.00%

ADTs are based on AADT values from PTMS Station 0101. Values were manually adjusted due to low ADT values being outputted.

ADT – Average Daily Traffic

ACR – Actual Crash Rate = No. of crashes in a year / Average Vehicle Exposure (M)

M – Average Vehicle Exposure (million vehicles or million vehicles miles) = $[(ADT * 365 * L) / 1,000,000]$

L = Length of the Segment for Segment Analysis, 1 for Spot Analysis

A – Average Crash Rate

CCR – Critical Crash Rate = $A + K * (\text{SQRT}[A/M]) - (1/[2 * M])$

(Ref: FDOT Highway Safety Improvement Program Guidelines)

K = 3.291 for Urban, 1.960 for Suburban, 1.645 for Rural K = 3.291

Safety Ratio = ACR/CCR

Level of statistical significance = $(ACR - A + (1/2M))/\text{SQRT}(A/M)$

Confidence Level = Percent probability that the crash rate is abnormally high for the location under study, using the district-wide average as a α Threshold = 99.95%

**State of Florida Department of Transportation
CRASH SUMMARY**

SECTION: 90060000 STATE ROUTE: 5
ROADWAY LIMITS: SR 5/US 1/Overseas Highway from MP 11.939 (MM 85.7) M.P. 11.939 TO 13.417 ENGINEER: FDOT
STUDY PERIOD: FROM 1/ 2015 TO 12/ 2015 COUNTY: Monroe

No.	MILE POST	DATE	DAY	TIME	CRASH TYPE	FATAL	INJURIES	PROP DAM	DAY / NIGHT	WET / DRY	CONTRIBUTING CAUSE (VEHICLE ONLY)
1	13.089	01/02/15	Fri	1215	Angle	0	0	1	Day	Dry	#N/A
2	12.995	01/15/15	Thu	1220	Rear-End	0	0	1	Day	Dry	Careless or Negligent Manner
3	12.050	01/16/15	Fri	1828	Sideswipe	0	0	1	Night	Dry	#N/A
4	12.145	01/18/15	Sun	1906	Rear-End	0	0	1	Night	Dry	Careless or Negligent Manner
5	12.032	01/28/15	Wed	1534	Rear-End	0	0	1	Day	Dry	Careless or Negligent Manner
6	12.957	01/30/15	Fri	1609	Rear-End	0	1	0	Day	Dry	Careless or Negligent Manner
7	12.202	02/09/15	Mon	1237	Angle	0	0	1	Day	Dry	Failed to Yield Right-Of-Way
8	12.802	02/14/15	Sat	1625	Rear-End	0	0	1	Day	Dry	Followed too Closely
9	13.200	03/07/15	Sat	1515	Rear-End	0	1	0	Day	Dry	Careless or Negligent Manner
10	12.174	03/09/15	Mon	1015	Rear-End	0	0	1	Day	Dry	Careless or Negligent Manner
11	12.452	03/13/15	Fri	1333	Rear-End	0	0	1	Day	Dry	Careless or Negligent Manner
12	12.211	03/14/15	Sat	1327	Rear-End	0	0	1	Day	Dry	No Contributing Action
13	12.287	04/07/15	Tue	2145	Rear-End	0	1	0	Night	Dry	Careless or Negligent Manner
14	12.402	04/28/15	Tue	0910	Parked Motor Vehicle	0	0	1	Day	Dry	Careless or Negligent Manner
15	12.002	05/24/15	Sun	1820	Rear-End	0	1	0	Day	Dry	Careless or Negligent Manner
16	12.052	07/10/15	Fri	2335	Guardrail End	0	1	0	Night	Dry	Careless or Negligent Manner
17	13.146	09/11/15	Fri	2320	Tree (Standing)	0	0	1	Night	Dry	Ran Off Roadway
18	12.202	11/19/15	Thu	2046	Sideswipe	0	0	1	Night	Dry	#N/A
19	12.786	11/25/15	Wed	1000	Tree (Standing)	0	1	0	Day	Dry	Careless or Negligent Manner
20	12.202	12/14/15	Mon	1250	Angle	0	2	0	Day	Dry	Failed to Yield Right-Of-Way

Total No.	Fatal	Injury	PDO	Rear-End	Head-On	Angle	Left-Turn	Right-Turn	Sideswipe	Backed Into	Ped/Bike	Parked Car	Fixed Object	Ran into Water	Other
20	0	7	13	11	0	3	0	0	2	0	0	1	3	0	0
Percent	0.00%	35.00%	65.00%	55.00%	0.00%	15.00%	0.00%	0.00%	10.00%	0.00%	0.00%	5.00%	15.00%	0.00%	0.00%
Contrib. Cause	Day	Night	Wet	Dry	Careless Driving	FTYRW	Improper Turn	Ran Red Light	Exceeded Speed	Improper Passing	Disreg Cntl Dev	Erratic/Aggress	Ran off Road	DUI	Wrong Way
Total	14	6	0	20	12	2	0	0	0	0	0	0	1	1	0
Percent	70.00%	30.00%	0.00%	100.00%	60.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.00%	5.00%	0.00%

TOTAL ENTERING VEHICLES/ADT: **27,500**

SEGMENT CRASH RATE: **1.348** CRASHES PER MILLION VEHICLE MILES

**State of Florida Department of Transportation
CRASH SUMMARY**

SECTION: **90060000** STATE ROUTE: **5**
 ROADWAY LIMITS: **SR 5/US 1/Overseas Highway from MP 11.939 (MM 85.7)** M.P. **11.939** TO **13.417** ENGINEER: **FDOT**
 STUDY PERIOD: FROM **1/ 2016** TO **12/ 2016** COUNTY: **Monroe**

No.	MILE POST	DATE	DAY	TIME	CRASH TYPE	FATAL	INJURIES	PROP DAM	DAY / NIGHT	WET / DRY	CONTRIBUTING CAUSE (VEHICLE ONLY)									
1	13.015	01/01/16	Fri	1111	Backed Into	0	0	1	Day	Dry	Improper Backing									
2	12.002	01/02/16	Sat	1255	Rear-End	1	9	0	Day	Dry	Careless or Negligent Manner									
3	12.214	01/19/16	Tue	1441	Rear-End	0	0	1	Day	Dry	Careless or Negligent Manner									
4	13.352	01/30/16	Sat	1854	Rear-End	0	5	0	Night	Dry	Careless or Negligent Manner									
5	13.252	02/09/16	Tue	1335	Rear-End	0	1	0	Day	Dry	Careless or Negligent Manner									
6	12.214	02/12/16	Fri	1324	Sideswipe	0	0	1	Day	Dry	#N/A									
7	12.058	03/02/16	Wed	2123	Angle	0	0	1	Night	Dry	Improper Turn									
8	12.164	03/13/16	Sun	1130	Rear-End	0	0	1	Day	Dry	Careless or Negligent Manner									
9	12.119	03/15/16	Tue	1600	Rear-End	0	0	1	Day	Dry	Careless or Negligent Manner									
10	12.240	03/19/16	Sat	1145	Rear-End	0	0	1	Day	Dry	Careless or Negligent Manner									
11	12.002	03/20/16	Sun	1620	Utility Pole/Light Support	0	0	1	Day	Dry	Failed To Keep In Proper Lane									
12	12.214	03/25/16	Fri	1740	Rear-End	0	0	1	Day	Dry	Careless or Negligent Manner									
13	12.107	03/30/16	Wed	1515	Rear-End	0	0	1	Day	Dry	Careless or Negligent Manner									
14	12.102	04/23/16	Sat	1215	Rear-End	0	0	1	Day	Dry	Careless or Negligent Manner									
15	12.999	04/23/16	Sat	1650	Rear-End	0	0	1	Day	Dry	Careless or Negligent Manner									
16	14.780	04/30/16	Sat	1200	Rear-End	0	0	1	Day	Dry	Careless or Negligent Manner									
17	12.883	05/19/16	Thu	1332	Angle	0	0	1	Day	Dry	Failed to Yield Right-Of-Way									
18	12.050	05/29/16	Sun	1648	Rear-End	0	5	0	Day	Dry	Careless or Negligent Manner									
19	13.070	05/29/16	Sun	1615	Rear-End	0	1	0	Day	Dry	Careless or Negligent Manner									
20	12.402	05/31/16	Tue	1310	Rear-End	0	0	1	Day	Dry	Careless or Negligent Manner									
21	13.070	06/07/16	Tue	1455	Angle	0	1	0	Day	Dry	Ran Stop Sign									
22	12.702	06/19/16	Sun	1210	Rear-End	0	0	1	Day	Dry	Careless or Negligent Manner									
23	12.302	06/27/16	Mon	1952	Head-On	1	3	0	Night	Dry	Failed To Keep In Proper Lane									
24	12.214	07/16/16	Sat	1710	Rear-End	0	2	0	Day	Dry	Careless or Negligent Manner									
25	11.969	07/30/16	Sat	1445	Angle	0	1	0	Day	Dry	Failed To Keep In Proper Lane									
26	11.952	08/12/16	Fri	0300	Bridge Rail	0	0	1	Night	Wet	No Contributing Action									
27	13.699	08/13/16	Sat	1648	Rear-End	0	1	0	Day	Dry	Careless or Negligent Manner									
28	12.883	08/31/16	Wed	1117	Rear-End	0	2	0	Day	Dry	Careless or Negligent Manner									
29	12.702	09/25/16	Sun	0940	Sideswipe	0	0	1	Day	Dry	Careless or Negligent Manner									
30	12.900	10/14/16	Fri	1217	Angle	2	1	0	Day	Dry	Failed to Yield Right-Of-Way									
31	12.911	10/27/16	Thu	1013	Rear-End	0	0	1	Day	Dry	Careless or Negligent Manner									
32	12.202	11/28/16	Mon	1025	Angle	0	1	0	Day	Dry	Ran Stop Sign									
33	12.452	12/14/16	Wed	1250	Sideswipe	0	0	1	Day	Dry	#N/A									
34	12.496	12/26/16	Mon	1850	Rear-End	0	0	1	Night	Dry	Careless or Negligent Manner									
Total No.	Fatal	Injury	PDO	Rear-End	Head-On	Angle	Left-Turn	Right-Turn	Sideswipe	Backed Into	Ped/Bike	Parked Car	Fixed Object	Ran into Water	Other					
34	3	13	21	21	1	6	0	0	3	1	0	0	2	0	0					
Percent	8.82%	38.24%	61.76%	61.76%	2.94%	17.65%	0.00%	0.00%	8.82%	2.94%	0.00%	0.00%	5.88%	0.00%	0.00%					
Contrib.					Careless	Improper	Ran Red	Exceeded	Improper	Disreg Cntl	Erratic/	Ran off	Wrong							
Cause	Day	Night	Wet	Dry	Driving	FTYRW	Turn	Light	Speed	Passing	Dev	Aggress	Road	DUI	Way					
Total	29	5	1	33	22	2	1	0	0	0	0	0	0	1	0					
Percent	85.29%	14.71%	2.94%	97.06%	64.71%	5.88%	2.94%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.94%	0.00%					
TOTAL ENTERING VEHICLES/ADT:						11,705	SEGMENT CRASH RATE:									5.384	CRASHES PER MILLION VEHICLE MILES			

**State of Florida Department of Transportation
CRASH SUMMARY**

SECTION: 90060000 STATE ROUTE: 5
ROADWAY LIMITS: SR 5/US 1/Overseas Highway from MP 11.939 (MM 85.7) M.P. 11.939 TO 13.417 ENGINEER: FDOT
STUDY PERIOD: FROM 1/ 2017 TO 12/ 2017 COUNTY: Monroe

No.	MILE POST	DATE	DAY	TIME	CRASH TYPE	FATAL	INJURIES	PROP DAM	DAY / NIGHT	WET / DRY	CONTRIBUTING CAUSE (VEHICLE ONLY)				
1	11.952	01/25/17	Wed	1259	Rear-End	0	1	0	Day	Dry	No Contributing Action				
2	13.438	03/03/17	Fri	1057	Embankment	0	0	1	Day	Dry	Careless or Negligent Manner				
3	12.208	03/13/17	Mon	1551	Sideswipe	0	0	1	Day	Dry	Failed to Yield Right-Of-Way				
4	13.015	03/14/17	Tue	1223	Head-On	0	4	0	Day	Dry	Failed To Keep In Proper Lane				
5	12.702	03/23/17	Thu	1015	Head-On	0	1	0	Day	Dry	Careless or Negligent Manner				
6	13.257	04/02/17	Sun	1715	Rear-End	0	0	1	Day	Dry	No Contributing Action				
7	12.702	05/14/17	Sun	0209	Embankment	0	0	1	Night	Dry	#N/A				
8	12.214	06/24/17	Sat	1155	Rear-End	0	0	1	Day	Dry	Careless or Negligent Manner				
9	12.302	07/11/17	Tue	1110	Rear-End	0	0	1	Day	Dry	Careless or Negligent Manner				
10	14.227	07/17/17	Mon	1529	Rear-End	0	0	1	Day	Dry	Careless or Negligent Manner				
11	13.257	07/31/17	Mon	1515	Rear-End	0	0	1	Day	Wet	Careless or Negligent Manner				
12	12.402	08/13/17	Sun	1035	Rear-End	0	0	1	Day	Dry	Careless or Negligent Manner				
13	12.214	09/02/17	Sat	1517	Angle	0	1	0	Day	Dry	Ran Stop Sign				
14	12.702	09/23/17	Sat	1240	Rear-End	0	0	1	Day	Dry	Careless or Negligent Manner				
15	13.650	09/24/17	Sun	0643	Rear-End	0	1	0	Day	Dry	Careless or Negligent Manner				
16	12.452	10/03/17	Tue	0250	Tree (Standing)	0	0	1	Night	Dry	Careless or Negligent Manner				
17	12.249	10/09/17	Mon	1327	Sideswipe	0	0	1	Day	Dry	#N/A				
18	13.257	10/24/17	Tue	1515	Rear-End	0	0	1	Day	Wet	Followed too Closely				
19	13.259	10/27/17	Fri	1500	Rear-End	0	2	0	Day	Dry	Other Contributing Action				
20	12.892	11/01/17	Wed	0700	Rear-End	0	0	1	Night	Dry	Careless or Negligent Manner				
21	12.402	11/06/17	Mon	0700	Rear-End	0	0	1	Day	Dry	Careless or Negligent Manner				
22	12.214	12/06/17	Wed	1528	Rear-End	0	2	0	Day	Dry	#N/A				
23	12.214	12/20/17	Wed	0632	Rear-End	0	1	0	Day	Dry	No Contributing Action				
24	12.224	12/28/17	Thu	1645	Rear-End	0	0	1	Night	Dry	Careless or Negligent Manner				
Total No.	Fatal	Injury	PDO	Rear-End	Head-On	Angle	Left-Turn	Right-Turn	Sideswipe	Backed Into	Ped/Bike	Parked Car	Fixed Object	Ran into Water	Other
24	0	8	16	16	2	1	0	0	2	0	0	0	3	0	0
Percent	0.00%	33.33%	66.67%	66.67%	8.33%	4.17%	0.00%	0.00%	8.33%	0.00%	0.00%	0.00%	12.50%	0.00%	0.00%
Contrib. Cause	Day	Night	Wet	Dry	Careless Driving	FTYRW	Improper Turn	Ran Red Light	Exceeded Speed	Improper Passing	Disreg Cntl Dev	Erratic/Aggress	Ran off Road	DUI	Wrong Way
Total	20	4	2	22	13	1	0	0	0	0	0	0	0	0	0
Percent	83.33%	16.67%	8.33%	91.67%	54.17%	4.17%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL ENTERING VEHICLES/ADT: 62,963						SEGMENT CRASH RATE: 0.707 CRASHES PER MILLION VEHICLE MILES									

**State of Florida Department of Transportation
CRASH SUMMARY**

SECTION: 90060000 STATE ROUTE: 5
ROADWAY LIMITS: SR 5/US 1/Overseas Highway from MP 11.939 (MM 85.7) M.P. 11.939 TO 13.417 ENGINEER: FDOT
STUDY PERIOD: FROM 1/ 2018 TO 12/ 2018 COUNTY: Monroe

No.	MILE POST	DATE	DAY	TIME	CRASH TYPE	FATAL	INJURIES	PROP DAM	DAY / NIGHT	WET / DRY	CONTRIBUTING CAUSE (VEHICLE ONLY)
1	12.268	01/02/18	Tue	1304	Rear-End	0	0	1	Day	Wet	Careless or Negligent Manner
2	12.107	02/22/18	Thu	1155	Rear-End	0	0	1	Day	Dry	Careless or Negligent Manner
3	12.452	03/20/18	Tue	2255	Sideswipe	0	1	0	Night	Dry	Failed To Keep In Proper Lane
4	12.224	04/02/18	Mon	1429	Rear-End	0	0	1	Day	Dry	Careless or Negligent Manner
5	12.984	04/06/18	Fri	1519	Rear-End	0	0	1	Day	Dry	Careless or Negligent Manner
6	12.224	04/10/18	Tue	1242	Sideswipe	0	1	0	Day	Dry	Failed to Yield Right-Of-Way
7	14.719	04/27/18	Fri	1426	Rear-End	0	0	1	Day	Dry	Careless or Negligent Manner
8	12.995	05/04/18	Fri	1105	Rear-End	0	0	1	Day	Dry	Careless or Negligent Manner
9	12.928	05/12/18	Sat	1510	Rear-End	0	1	0	Day	Dry	No Contributing Action
10	12.881	05/17/18	Thu	1618	Sideswipe	0	0	1	Day	Wet	Failed To Keep In Proper Lane
11	12.702	06/22/18	Fri	1545	Rear-End	0	0	1	Day	Dry	Careless or Negligent Manner
12	13.257	08/16/18	Thu	1530	Rear-End	0	0	1	Day	Dry	Careless or Negligent Manner
13	12.214	09/19/18	Wed	1405	Rear-End	0	0	1	Day	Dry	No Contributing Action
14	12.224	09/19/18	Wed	1613	Rear-End	0	1	0	Day	Dry	Careless or Negligent Manner
15	12.214	10/24/18	Wed	2136	Traffic Sign Support	0	0	1	Night	Dry	No Contributing Action
16	12.883	11/14/18	Wed	1855	Angle	0	0	1	Night	Dry	#N/A
17	14.227	12/07/18	Fri	1546	Rear-End	0	0	1	Day	Dry	Careless or Negligent Manner
18	13.005	12/19/18	Wed	1545	Left-Turn	0	1	0	Day	Dry	Careless or Negligent Manner
19	12.011	12/22/18	Sat	1708	Rear-End	0	0	1	Day	Dry	Careless or Negligent Manner
20	13.257	12/30/18	Sun	1343	Rear-End	0	0	1	Day	Dry	Followed too Closely

Total No.	Fatal	Injury	PDO	Rear-End	Head-On	Angle	Left-Turn	Right-Turn	Sideswipe	Backed Into	Ped/Bike	Parked Car	Fixed Object	Ran into Water	Other
20	0	5	15	14	0	1	1	0	3	0	0	0	1	0	0
Percent	0.00%	25.00%	75.00%	70.00%	0.00%	5.00%	5.00%	0.00%	15.00%	0.00%	0.00%	0.00%	5.00%	0.00%	0.00%
Contrib. Cause	Day	Night	Wet	Dry	Careless Driving	FTYRW	Improper Turn	Ran Red Light	Exceeded Speed	Improper Passing	Disreg Cntl Dev	Erratic/Aggress	Ran off Road	DUI	Wrong Way
Total	17	3	2	18	12	1	0	0	0	0	0	0	0	1	0
Percent	85.00%	15.00%	10.00%	90.00%	60.00%	5.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.00%	0.00%

TOTAL ENTERING VEHICLES/ADT: **62,963** SEGMENT CRASH RATE: **0.707** CRASHES PER MILLION VEHICLE MILES

**State of Florida Department of Transportation
CRASH SUMMARY**

SECTION: 90060000 STATE ROUTE: 5
ROADWAY LIMITS: SR 5/US 1/Overseas Highway from MP 11.939 (MM 85.7) M.P. 11.939 TO 13.417 ENGINEER: FDOT
STUDY PERIOD: FROM 1/ 2019 TO 12/ 2019 COUNTY: Monroe

No.	MILE POST	DATE	DAY	TIME	CRASH TYPE	FATAL	INJURIES	PROP DAM	DAY / NIGHT	WET / DRY	CONTRIBUTING CAUSE (VEHICLE ONLY)				
1	12.196	01/17/19	Thu	1300	Sideswipe	0	0	1	Day	Dry	Wrong Side or Wrong Way				
2	12.201	01/23/19	Wed	1500	Rear-End	0	0	1	Day	Dry	Careless or Negligent Manner				
3	13.257	01/31/19	Thu	1645	Rear-End	0	0	1	Day	Dry	Followed too Closely				
4	13.276	02/09/19	Sat	1040	Rear-End	0	0	1	Day	Dry	Followed too Closely				
5	13.257	02/19/19	Tue	1405	Other Non-Fixed Object	0	0	1	Day	Dry	No Contributing Action				
6	12.224	02/24/19	Sun	0754	Rear-End	0	1	0	Day	Dry	Careless or Negligent Manner				
7	12.013	02/28/19	Thu	0800	Other Traffic Barrier	0	0	1	Day	Dry	#N/A				
8	12.495	03/07/19	Thu	1040	Sideswipe	0	0	1	Day	Dry	Careless or Negligent Manner				
9	13.214	04/20/19	Sat	1529	Angle	0	7	0	Day	Dry	Ran Off Roadway				
10	12.224	04/23/19	Tue	1026	Angle	0	0	1	Day	Dry	Failed to Yield Right-Of-Way				
11	12.864	05/10/19	Fri	0827	Rear-End	0	0	1	Day	Wet	Careless or Negligent Manner				
12	12.702	06/07/19	Fri	1539	Rear-End	0	0	1	Day	Dry	Careless or Negligent Manner				
13	12.164	06/17/19	Mon	1025	Sideswipe	0	0	1	Day	Dry	Failed to Yield Right-Of-Way				
14	12.214	06/20/19	Thu	1002	Rear-End	0	1	0	Day	Dry	Careless or Negligent Manner				
15	12.714	07/06/19	Sat	1829	Rear-End	0	0	1	Day	Dry	Careless or Negligent Manner				
16	12.202	08/29/19	Thu	1439	Angle	0	2	0	Day	Dry	Ran Stop Sign				
17	12.259	09/11/19	Wed	0345	Rear-End	0	0	1	Night	Dry	Improper Backing				
18	12.890	09/17/19	Tue	1533	Rear-End	0	2	0	Day	Dry	Careless or Negligent Manner				
19	12.359	09/21/19	Sat	1623	Guardrail End	0	1	0	Day	Wet	Ran Off Roadway				
20	13.071	09/25/19	Wed	1538	Rear-End	0	0	1	Day	Dry	Followed too Closely				
21	12.243	11/08/19	Fri	1504	Rear-End	0	0	1	Day	Dry	Careless or Negligent Manner				
22	12.262	11/11/19	Mon	1540	Guardrail End	1	2	0	Day	Dry	Failed To Keep In Proper Lane				
23	12.977	11/24/19	Sun	1317	Rear-End	0	0	1	Day	Dry	Careless or Negligent Manner				
Total No.	Fatal	Injury	PDO	Rear-End	Head-On	Angle	Left-Turn	Right-Turn	Sideswipe	Backed Into	Ped/Bike	Parked Car	Fixed Object	Ran into Water	Other
23	1	7	16	13	0	3	0	0	3	0	0	0	3	0	0
Percent	4.35%	30.43%	69.57%	56.52%	0.00%	13.04%	0.00%	0.00%	13.04%	0.00%	0.00%	0.00%	13.04%	0.00%	0.00%
Contrib. Cause	Day	Night	Wet	Dry	Careless Driving	FTYRW	Improper Turn	Ran Red Light	Exceeded Speed	Improper Passing	Disreg Cntl Dev	Erratic/Aggress	Ran off Road	DUI	Wrong Way
Total	22	1	2	21	10	2	0	0	0	0	0	0	2	1	1
Percent	95.65%	4.35%	8.70%	91.30%	43.48%	8.70%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	8.70%	4.35%	4.35%
TOTAL ENTERING VEHICLES/ADT: 62,963							SEGMENT CRASH RATE: 0.707 CRASHES PER MILLION VEHICLE MILES								

State of Florida Department of Transportation																
CRASH SUMMARY																
SECTION:		9006000										STATE ROUTE:			5	
ROADWAY LIMITS:		SR 5/US 1/Overseas Highway from MP 11.939 (MM 85.71					M.P. ---		TO ---		ENGINEER: FDOT					
STUDY PERIOD:		FROM 1/ 2015			TO 12/ 2015			COUNTY: Monroe								
No.	MILE POST	DATE	DAY	TIME	CRASH TYPE			FATAL	INJURIES	PROP DAM	DAY / NIGHT	WET / DRY	CONTRIBUTING CAUSE (VEHICLE ONLY)			
21	0.000	01/04/15	Mon	18:00	Rear-End			0	2	0	Dark - Not Lighted	Dry	Not Coded			
22	0.000	02/19/15	Fri	15:30	Rear-End			0	0	1	Daylight	Dry	Not Coded			
23	0.000	02/21/15	Sun	16:20	Rear-End			0	0	1	Daylight	Dry	Not Coded			
24	0.000	02/28/15	Sun	15:54	Rear-End			0	4	0	Daylight	Dry	Not Coded			
25	0.000	03/26/15	Fri	8:58	Rear-End			0	0	1	Daylight	Dry	Not Coded			
26	0.000	04/05/15	Mon	13:56	Rear-End			0	0	1	Daylight	Dry	Not Coded			
27	0.000	04/28/15	Wed	20:34	Rear-End			0	0	1	Dark - Not Lighted	Dry	Not Coded			
28	0.000	05/18/15	Tue	7:23	Rear-End			0	0	1	Daylight	Dry	Not Coded			
29	0.000	06/09/15	Wed	7:20	Other Fixed Object			0	0	1	Daylight	Dry	Not Coded			
30	0.000	07/25/15	Sun	19:21	Angle			0	0	1	Dark - Not Lighted	Dry	Not Coded			
31	0.000	08/10/15	Tue	11:14	Other Fixed Object			0	0	1	Daylight	Dry	Not Coded			
32	0.000	09/04/15	Sat	14:07	Rear-End			0	0	1	Daylight	Dry	Not Coded			
33	0.000	09/06/15	Mon	15:10	Rear-End			0	0	1	Daylight	Dry	Not Coded			
34	0.000	11/24/15	Wed	23:29	Other Fixed Object			0	1	0	Dark - Not Lighted	Dry	Not Coded			
Total No.	Fatal	Injury	PDO	Rear-End	Head-On	Angle	Left-Turn	Right-Turn	Sideswipe	Backed Into	Ped/Bike	Parked Car	Fixed Object	Ran into Water	Other	
14	0	3	11	10	0	1	0	0	0	0	0	0	3	0	0	
Percent	0.00%	21.43%	78.57%	71.43%	0.00%	7.14%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	21.43%	0.00%	0.00%	
Contrib. Cause	Day	Night	Wet	Dry	Careless Driving	FTYRW	Improper Turn	Ran Red Light	Exceeded Speed	Improper Passing	Disreg Cntl Dev	Erratic/Aggress	Ran off Road	DUI	Wrong Way	
Total	0	0	0	23	0	0	0	0	0	0	0	0	0	0	0	
Percent	0.00%	0.00%	0.00%	164.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
TOTAL ENTERING VEHICLES/ADT: #DIV/0!							SEGMENT CRASH RATE: #DIV/0! CRASHES PER MILLION VEHICLE MILES									

State of Florida Department of Transportation															
CRASH SUMMARY															
SECTION: 90060000										STATE ROUTE: 5					
ROADWAY LIMITS: SR 5/US 1/Overseas Highway from MP 11.939 (MM 85.71!										M.P. --- TO ---		ENGINEER: FDOT			
STUDY PERIOD: FROM 1/ 2016 TO 12/ 2016										COUNTY: Monroe					
No.	MILE POST	DATE	DAY	TIME	CRASH TYPE			FATAL	INJURIES	PROP DAM	DAY / NIGHT	WET / DRY	CONTRIBUTING CAUSE (VEHICLE ONLY)		
35	0.000	01/02/16	Sun	14:44	Backed Into			0	0	1	Daylight	Dry	Not Coded		
36	0.000	02/26/16	Sat	11:50	Rear-End			0	0	1	Daylight	Dry	Not Coded		
37	0.000	02/26/16	Sat	15:38	Rear-End			0	0	1	Daylight	Dry	Not Coded		
38	0.000	03/20/16	Mon	13:30	Rear-End			0	0	1	Daylight	Dry	Not Coded		
39	0.000	03/26/16	Sun	11:43	Angle			0	0	1	Daylight	Dry	Not Coded		
40	0.000	04/01/16	Sat	13:18	Angle			0	0	1	Daylight	Dry	Not Coded		
41	0.000	04/02/16	Sun	8:38	Angle			0	1	0	Daylight	Dry	Not Coded		
42	0.000	05/20/16	Sat	12:50	Rear-End			0	0	1	Daylight	Dry	Not Coded		
43	0.000	05/20/16	Sat	17:05	Rear-End			0	0	1	Daylight	Dry	Not Coded		
44	0.000	07/03/16	Mon	17:15	Rear-End			0	0	1	Daylight	Dry	Not Coded		
45	0.000	07/10/16	Mon	16:10	Rear-End			0	1	0	Daylight	Dry	Not Coded		
46	0.000	09/04/16	Mon	11:35	Rear-End			0	0	1	Daylight	Dry	Not Coded		
47	0.000	09/04/16	Mon	16:10	Rear-End			0	0	1	Daylight	Dry	Not Coded		
Total No.	Fatal	Injury	PDO	Rear-End	Head-On	Angle	Left-Turn	Right-Turn	Sideswipe	Backed Into	Ped/Bike	Parked Car	Fixed Object	Ran into Water	Other
13	0	2	11	9	0	3	0	0	0	1	0	0	0	0	0
Percent	0.00%	15.38%	84.62%	69.23%	0.00%	23.08%	0.00%	0.00%	0.00%	7.69%	0.00%	0.00%	0.00%	0.00%	0.00%
Contrib. Cause	Day	Night	Wet	Dry	Careless Driving	FTYRW	Improper Turn	Ran Red Light	Exceeded Speed	Improper Passing	Disreg Cntl Dev	Erratic/Aggress	Ran off Road	DUI	Wrong Way
Total	0	0	2	31	0	0	0	0	0	0	0	0	0	0	0
Percent	0.00%	0.00%	15.38%	238.46%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL ENTERING VEHICLES/ADT: #DIV/0!								SEGMENT CRASH RATE: #DIV/0! CRASHES PER MILLION VEHICLE MILES							

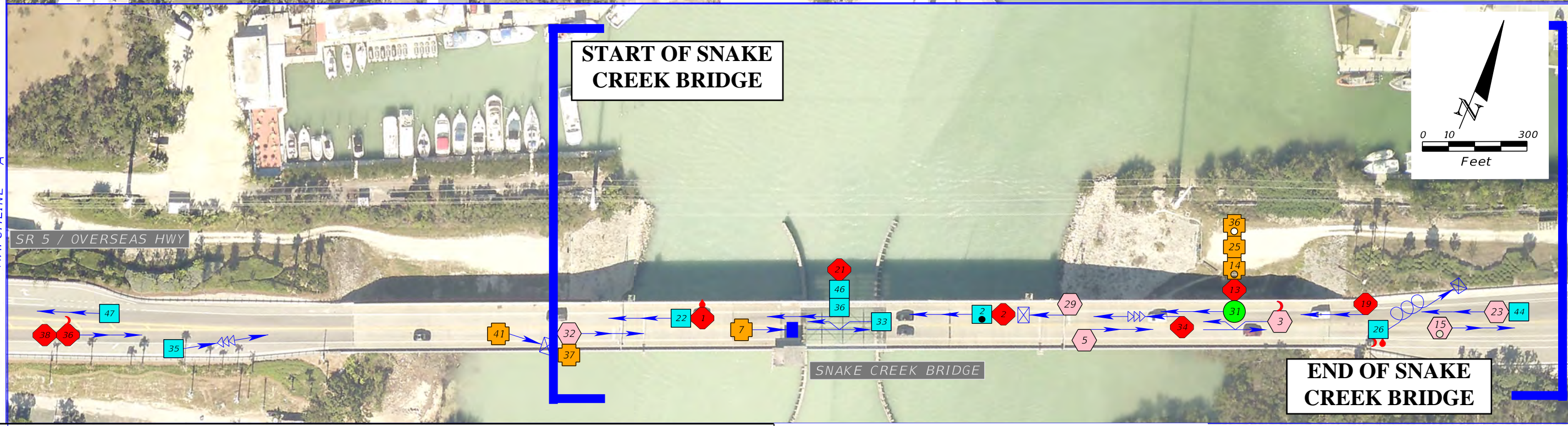
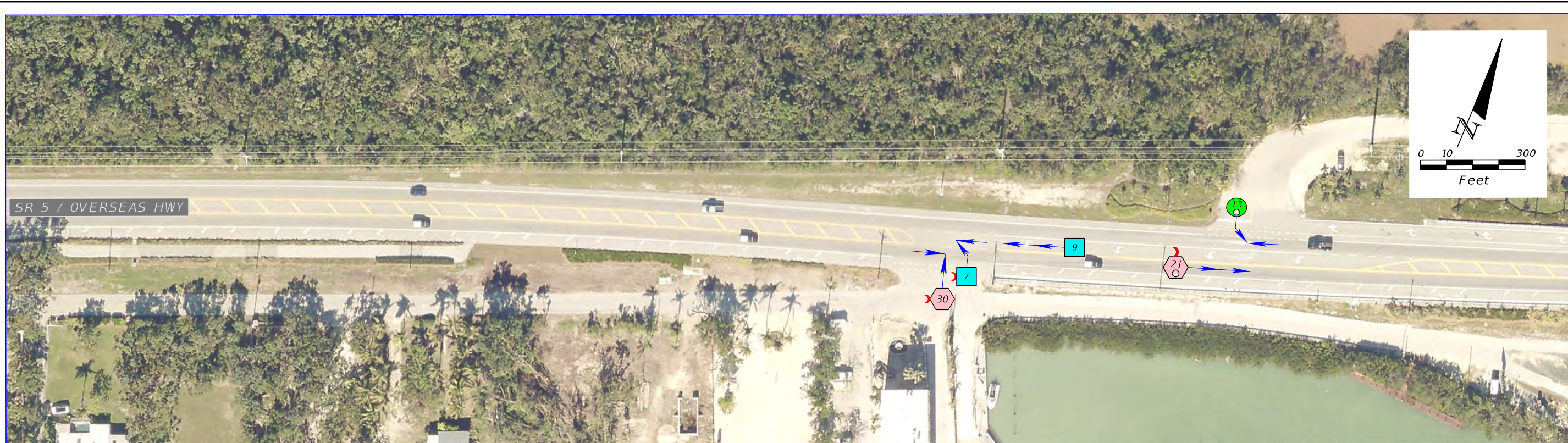
State of Florida Department of Transportation																	
CRASH SUMMARY																	
SECTION: <u>90060000</u>											STATE ROUTE: <u>5</u>						
ROADWAY LIMITS: <u>SR 5/US 1/Overseas Highway from MP 11.939 (MM 85.71!</u>											M.P. <u>---</u>		TO <u>---</u>		ENGINEER: <u>FDOT</u>		
STUDY PERIOD: FROM <u>1/ 2017</u>											TO <u>12/ 2017</u>		COUNTY: <u>Monroe</u>				
No.	MILE POST	DATE	DAY	TIME	CRASH TYPE			FATAL	INJURIES	PROP DAM	DAY / NIGHT	WET / DRY	CONTRIBUTING CAUSE (VEHICLE ONLY)				
25	0.000	02/25/17	Sun	14:35	Rear-End			0	0	1	Daylight	Dry	Not Coded				
26	0.000	03/03/17	Sat	12:30	Rear-End			0	0	1	Daylight	Dry	Not Coded				
27	0.000	03/20/17	Tue	8:07	Pedalcycle			0	0	1	Dark - Not Lighted	Dry	Not Coded				
28	0.000	04/12/17	Thu	16:40	Rear-End			0	0	1	Daylight	Dry	Not Coded				
29	0.000	04/15/17	Sun	13:40	Rear-End			0	0	1	Daylight	Wet	Not Coded				
30	0.000	05/27/17	Sun	16:46	Backed Into			0	0	1	Daylight	Dry	Not Coded				
31	0.000	06/17/17	Sun	12:20	Rear-End			0	0	1	Dark - Not Lighted	Dry	Not Coded				
32	0.000	06/17/17	Sun	12:28	Rear-End			0	0	1	Daylight	Dry	Not Coded				
33	0.000	07/01/17	Sun	15:40	Rear-End			0	0	1	Daylight	Dry	Not Coded				
34	0.000	07/29/17	Sun	15:28	Rear-End			0	2	0	Daylight	Dry	Not Coded				
35	0.000	08/28/17	Tue	10:09	Rear-End			0	0	1	Daylight	Dry	Not Coded				
36	0.000	12/19/17	Wed	15:36	Rear-End			0	0	1	Daylight	Dry	Not Coded				
Total No.	Fatal	Injury	PDO	Rear-End	Head-On	Angle	Left-Turn	Right-Turn	Sideswipe	Backed Into	Ped/Bike	Parked Car	Fixed Object	Ran Into Water	Other		
12	0	1	11	10	0	0	0	0	0	1	1	0	0	0	0		
Percent	0.00%	8.33%	91.67%	83.33%	0.00%	0.00%	0.00%	0.00%	0.00%	8.33%	8.33%	0.00%	0.00%	0.00%	0.00%		
Contrib. Cause	Day	Night	Wet	Dry	Careless Driving	FTYRW	Improper Turn	Ran Red Light	Exceeded Speed	Improper Passing	Disreg Cntl Dev	Erratic/Aggress	Ran off Road	DUI	Wrong Way		
Total	0	0	1	18	0	0	0	0	0	0	0	0	0	0	0		
Percent	0.00%	0.00%	8.33%	150.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
TOTAL ENTERING VEHICLES/ADT: #DIV/0!								SEGMENT CRASH RATE: #DIV/0! CRASHES PER MILLION VEHICLE MILES									

State of Florida Department of Transportation															
CRASH SUMMARY															
SECTION: 90060000										STATE ROUTE: 5					
ROADWAY LIMITS: SR 5/US 1/Overseas Highway from MP 11.939 (MM 85.7)										M.P. --- TO ---		ENGINEER: FDOT			
STUDY PERIOD: FROM 1/ 2018 TO 12/ 2018										COUNTY: Monroe					
No.	MILE POST	DATE	DAY	TIME	CRASH TYPE	FATAL	INJURIES	PROP DAM	DAY / NIGHT	WET / DRY	CONTRIBUTING CAUSE (VEHICLE ONLY)				
21	0.000	01/13/18	Sun	16:07	Rear-End	0	0	1	Daylight	Dry	Not Coded				
22	0.000	02/24/18	Sun	12:57	Rear-End	0	0	1	Daylight	Dry	Not Coded				
23	0.000	02/25/18	Mon	15:20	Rear-End	0	0	1	Daylight	Dry	Not Coded				
24	0.000	03/15/18	Fri	12:32	Sideswipe	0	0	1	Daylight	Dry	Not Coded				
25	0.000	03/15/18	Fri	13:19	Rear-End	0	0	1	Daylight	Dry	Not Coded				
26	0.000	03/20/18	Wed	15:36	Rear-End	0	0	1	Daylight	Dry	Not Coded				
27	0.000	04/03/18	Wed	17:00	Rear-End	0	0	1	Daylight	Dry	Not Coded				
28	0.000	04/23/18	Tue	12:20	Rear-End	0	0	1	Daylight	Dry	Not Coded				
29	0.000	05/17/18	Fri	17:55	Rear-End	0	0	1	Daylight	Wet	Not Coded				
30	0.000	06/06/18	Thu	8:02	Rear-End	0	0	1	Daylight	Dry	Not Coded				
31	0.000	07/18/18	Thu	14:50	Backed Into	0	0	1	Daylight	Dry	Not Coded				
32	0.000	07/24/18	Wed	8:15	Rear-End	0	0	1	Daylight	Dry	Not Coded				
33	0.000	10/04/18	Fri	9:28	Rear-End	0	0	1	Daylight	Wet	Not Coded				
34	0.000	11/07/18	Thu	12:01	Backed Into	0	0	1	Daylight	Dry	Not Coded				
35	0.000	12/17/18	Tue	7:55	Rear-End	0	0	1	Daylight	Dry	Not Coded				
36	0.000	12/27/18	Fri	18:05	Rear-End	0	0	1	Dark - Lighted	Dry	Not Coded				
37	0.000	12/28/18	Sat	13:30	Rear-End	0	0	1	Daylight	Dry	Not Coded				
38	0.000	12/31/18	Tue	15:50	Rear-End	0	0	1	Daylight	Dry	Not Coded				
Total No.	Fatal	Injury	PDO	Rear-End	Head-On	Angle	Left-Turn	Right-Turn	Sideswipe	Backed Into	Ped/Bike	Parked Car	Fixed Object	Ran into Water	Other
18	0	0	18	15	0	0	0	0	1	2	0	0	0	0	0
Percent	0.00%	0.00%	100.00%	83.33%	0.00%	0.00%	0.00%	0.00%	5.56%	11.11%	0.00%	0.00%	0.00%	0.00%	0.00%
Contrib. Cause	Day	Night	Wet	Dry	Careless Driving	FTYRW	Improper Turn	Ran Red Light	Exceeded Speed	Improper Passing	Disreg Cntl Dev	Erratic/Aggress	Ran off Road	DUI	Wrong Way
Total	0	0	2	16	0	0	0	0	0	0	0	0	0	0	0
Percent	0.00%	0.00%	11.11%	88.89%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL ENTERING VEHICLES/ADT: #DIV/0!							SEGMENT CRASH RATE: #DIV/0! CRASHES PER MILLION VEHICLE MILES								

State of Florida Department of Transportation CRASH SUMMARY															
SECTION:		90060000										STATE ROUTE: 5			
ROADWAY LIMITS:		SR 5/US 1/Overseas Highway from MP 11.939 (MM 85.7)						M.P. --- TO ---		ENGINEER: FDOT					
STUDY PERIOD:		FROM 1/ 2019				TO 12/ 2019				COUNTY: Monroe					
No.	MILE POST	DATE	DAY	TIME	CRASH TYPE			FATAL	INJURIES	PROP DAM	DAY / NIGHT	WET / DRY	CONTRIBUTING CAUSE (VEHICLE ONLY)		
24	0.000	01/01/19	Wed	14:50	Rear-End			0	0	1	Daylight	Dry	Not Coded		
25	0.000	02/15/19	Sat	9:55	Rear-End			0	0	1	Daylight	Dry	Not Coded		
26	0.000	02/28/19	Fri	13:05	Rear-End			0	0	1	Daylight	Dry	Not Coded		
27	0.000	03/14/19	Fri	8:45	Rear-End			0	0	1	Daylight	Dry	Not Coded		
28	0.000	03/15/19	Sat	14:10	Right-Turn			0	0	1	Daylight	Dry	Not Coded		
29	0.000	03/22/19	Sat	15:46	Rear-End			0	0	1	Daylight	Dry	Not Coded		
30	0.000	03/23/19	Sun	14:31	Sideswipe			0	0	1	Daylight	Dry	Not Coded		
31	0.000	03/24/19	Mon	14:40	Angle			0	0	1	Daylight	Dry	Not Coded		
32	0.000	04/18/19	Fri	16:03	Rear-End			0	0	1	Daylight	Dry	Not Coded		
33	0.000	04/22/19	Tue	13:18	Other Non-Fixed Object			0	0	1	Daylight	Dry	Not Coded		
34	0.000	05/24/19	Sat	20:25	Angle			0	0	1	Dusk	Dry	Not Coded		
35	0.000	05/25/19	Sun	17:00	Rear-End			0	0	1	Daylight	Dry	Not Coded		
36	0.000	06/14/19	Sat	12:38	Rear-End			0	1	0	Daylight	Dry	Not Coded		
37	0.000	06/18/19	Wed	12:19	Rear-End			0	0	1	Daylight	Dry	Not Coded		
38	0.000	07/05/19	Sat	15:50	Backed Into			0	0	1	Daylight	Dry	Not Coded		
39	0.000	07/20/19	Sun	14:20	Rear-End			0	0	1	Daylight	Dry	Not Coded		
40	0.000	10/27/19	Mon	21:30	Rear-End			0	1	0	Dark - Lighted	Dry	Not Coded		
41	0.000	11/26/19	Wed	16:00	Other Fixed Object			0	0	1	Daylight	Dry	Not Coded		
Total No.	Fatal	Injury	PDO	Rear-End	Head-On	Angle	Left-Turn	Right-Turn	Sideswipe	Backed Into	Ped/Bike	Parked Car	Fixed Object	Ran into Water	Other
18	0	2	16	11	0	2	0	1	1	1	0	0	1	0	0
Percent	0.00%	11.11%	88.89%	61.11%	0.00%	11.11%	0.00%	5.56%	5.56%	5.56%	0.00%	0.00%	5.56%	0.00%	0.00%
Contrib. Cause	Day	Night	Wet	Dry	Careless Driving	FTYRW	Improper Turn	Ran Red Light	Exceeded Speed	Improper Passing	Disreg Cntl Dev	Erratic/Aggress	Ran off Road	DUI	Wrong Way
Total	0	0	0	18	0	0	0	0	0	0	0	0	0	0	0
Percent	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL ENTERING VEHICLES/ADT: #DIV/0!								SEGMENT CRASH RATE: #DIV/0! CRASHES PER MILLION VEHICLE MILES							



Attachment D: Collision Diagrams

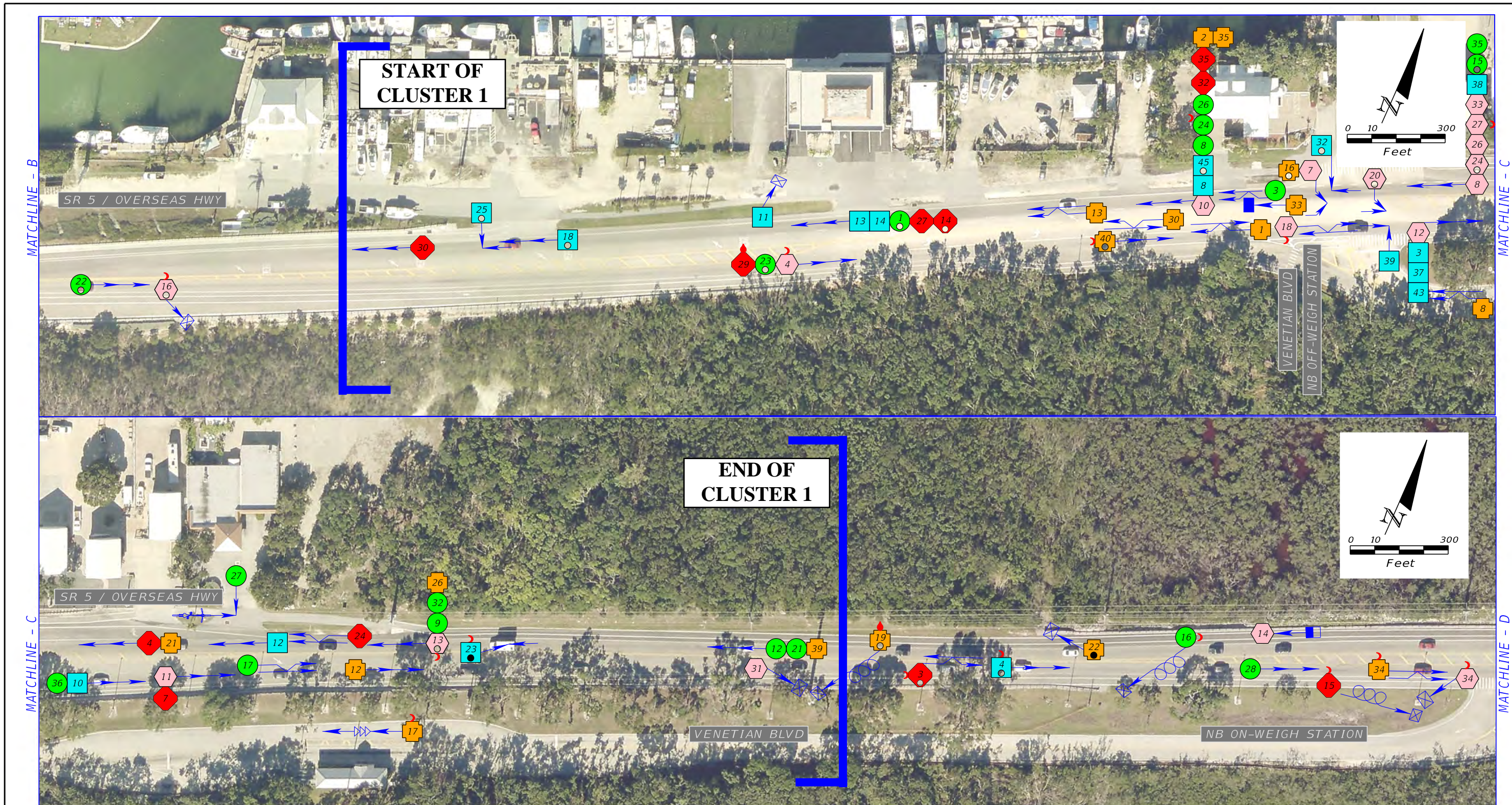


COLLISION DIAGRAM LEGEND

ANGLE CRASHES			U-TURN	REAR-END CRASHES	BACKED-INTO CRASHES	ALL TYPES OF VEHICLES	PARKED	INJURY	PED.	2015	2018
RIGHT-TURN CRASHES	LEFT-TURN CRASHES	SIDESWIPE CRASHES		HEAD-ON CRASHES	FIXED OBJECT CRASHES	LOST CONTROL	BICYCLE	FATAL	ANIMAL		

NOTES:
 1. ALL NIGHTTIME AND/OR WET PAVEMENT CRASHES ARE IDENTIFIED.
 ALL OTHER CRASHES OCCURRED DURING DAYTIME AND/OR ON DRY PAVEMENT.

Choice Engineering Consultants, Inc. 12855 SW 132nd Street, Suite 200 Miami, Florida 33186	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		SR 5/OVERSEAS HWY FROM MP 11.939 (MM 85.715) TO MP 13.417 (MM 87.160)	SHEET NO. 1
	ROAD NO.	COUNTY		
	SR 5	MONROE		



COLLISION DIAGRAM LEGEND

ANGLE CRASHES			U-TURN	REAR-END CRASHES	BACKED-INTO CRASHES	ALL TYPES OF VEHICLES	PARKED	INJURY	PED.	2015	2018
RIGHT-TURN CRASHES	SIDESWIPE CRASHES	LEFT-TURN CRASHES								2016	2019
										2017	

NOTES:
 1. ALL NIGHTTIME AND/OR WET PAVEMENT CRASHES ARE IDENTIFIED.
 ALL OTHER CRASHES OCCURRED DURING DAYTIME AND/OR ON DRY PAVEMENT.

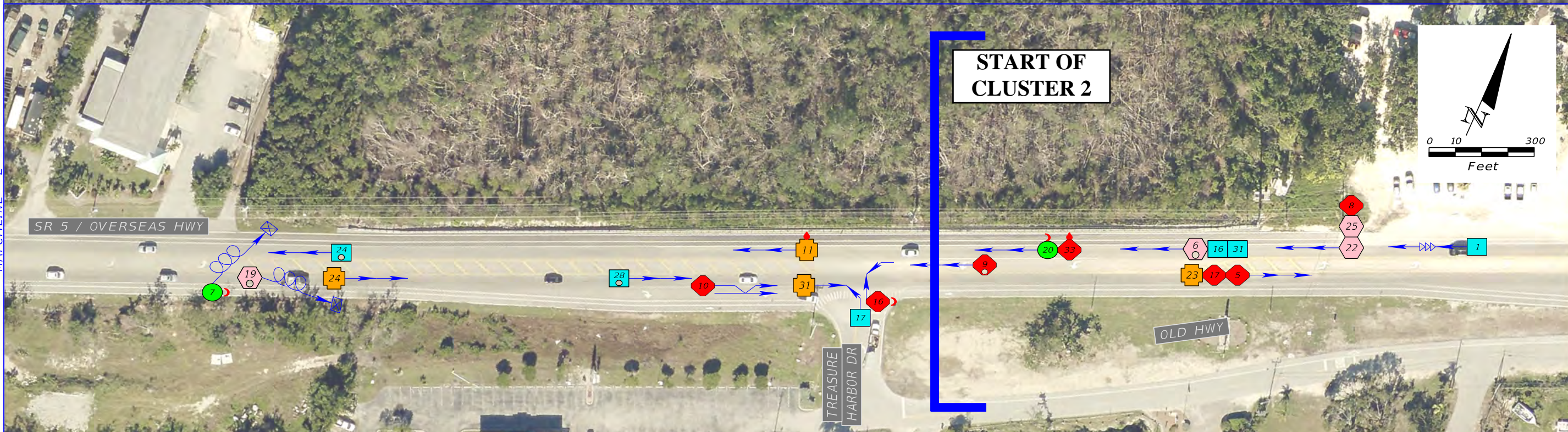
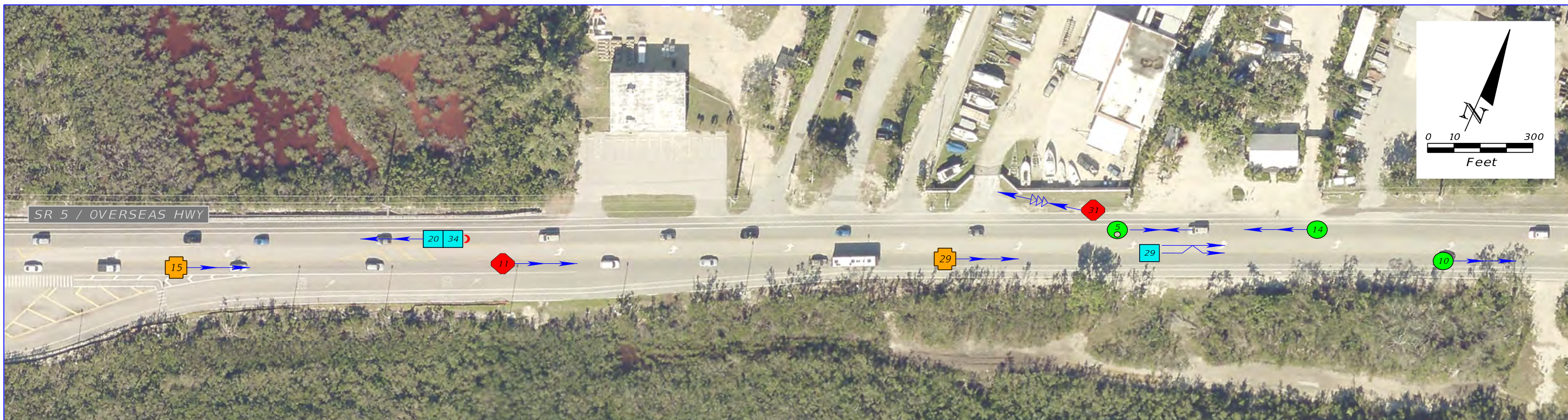
Choice Engineering Consultants, Inc. 12855 SW 132nd Street, Suite 200 Miami, Florida 33186	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		SR 5/OVERSEAS HWY FROM MP 11.939 (MM 85.715) TO MP 13.417 (MM 87.160)	SHEET NO. 2
	ROAD NO.	COUNTY		
	SR 5	MONROE		

MATCHLINE - D

MATCHLINE - E

MATCHLINE - E

MATCHLINE - F



COLLISION DIAGRAM LEGEND

ANGLE CRASHES			U-TURN	REAR-END CRASHES	BACKED-INTO CRASHES	ALL TYPES OF VEHICLES	PARKED	INJURY	PED.	2015	2018
RIGHT-TURN CRASHES	SIDESWIPE CRASHES	LEFT-TURN CRASHES								2016	2019
										2017	

NOTES:

- 1. ALL NIGHTTIME AND/OR WET PAVEMENT CRASHES ARE IDENTIFIED.
- ALL OTHER CRASHES OCCURRED DURING DAYTIME AND/OR ON DRY PAVEMENT.

Choice Engineering Consultants, Inc.
 12855 SW 132nd Street, Suite 200
 Miami, Florida 33186

STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION

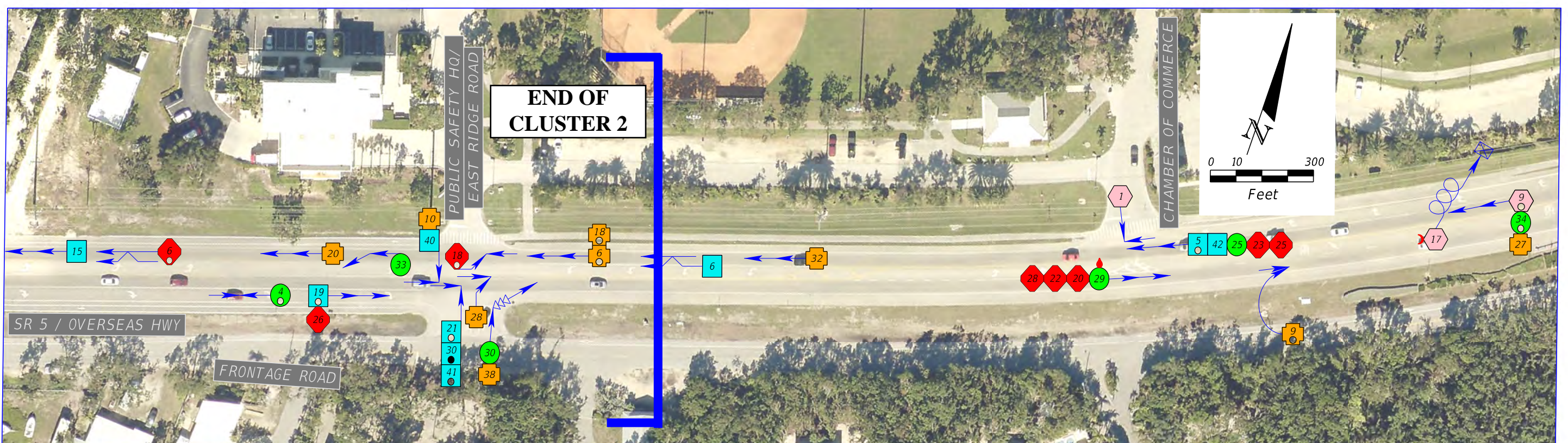
ROAD NO.	COUNTY
SR 5	MONROE

SR 5/OVERSEAS HWY
 FROM MP 11.939 (MM 85.715)
 TO MP 13.417 (MM 87.160)

SHEET NO.
 3

MATCHLINE - F

MATCHLINE - G



MATCHLINE - G



COLLISION DIAGRAM LEGEND

ANGLE CRASHES			U-TURN	REAR-END CRASHES	BACKED-INTO CRASHES	ALL TYPES OF VEHICLES	PARKED	INJURY	PED.	2015	2018
RIGHT-TURN CRASHES	SIDESWIPE CRASHES	LEFT-TURN CRASHES		HEAD-ON CRASHES	FIXED OBJECT CRASHES	LOST CONTROL	BICYCLE	FATAL	ANIMAL	2016	2019
										2017	

NOTES:

- 1. ALL NIGHTTIME AND/OR WET PAVEMENT CRASHES ARE IDENTIFIED. ALL OTHER CRASHES OCCURRED DURING DAYTIME AND/OR ON DRY PAVEMENT.

Choice Engineering Consultants, Inc.
 12855 SW 132nd Street, Suite 200
 Miami, Florida 33186

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	
ROAD NO.	COUNTY
SR 5	MONROE

SR 5/OVERSEAS HWY
 FROM MP 11.939 (MM 85.715)
 TO MP 13.417 (MM 87.160)

SHEET NO.
4



Attachment E: Fatal Crash Reviews

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

DISPOSITION OF FATAL CRASH

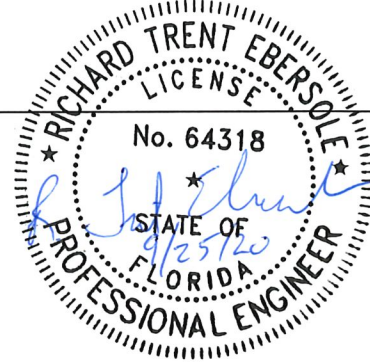
DATE RECEIVED	01/21/2020	DATE OF CRASH	11/11/2019	2020 B1, No. 4	
SECTION	90060000	STATE ROAD	5	CRASH NUMBER	881819720
APPROX. MILEPOST	12.224	DATE INVESTIGATED	02/19/2020	DATE DISPOSED	
CRASH LOCATION DESCRIPTION SR 5/US 1/OVERSEAS HWY (SB) AT MILE MARKER (MM) 86					

INITIAL ACTION

- Obvious (crash description) roadway features not contributory
- Not part of significant increase in fatal crashes
- No action required

FIELD INVESTIGATED DATE _____ N/A

- Roadway feature not involved
- Minor corrections needed
- Sent to Maintenance
- Sent to Traffic Operations
- Memo attached
- Crash Study initiated



The following action is recommended:

Based on a review of the police report, the subject crash was a fixed object crash that occurred on SR 5/US 1/Overseas Highway (southbound) at Mile Marker (MM) 86 (miscoded as 200 feet north of MM 86). The fatal crash occurred on Monday, November 11, 2019 at 3:40 PM (Daylight), under dry pavement and clear weather conditions. According to the police report, vehicle 1 was southbound on SR 5. Vehicle 1 traveled off the roadway onto the shoulder, where vehicle 1 collided with a guardrail. Vehicle 1 then continued in motion and collided with a tree. A passenger of vehicle 1 was pronounced deceased at the hospital on Monday, November 11, 2019 at 4:20 PM.

The crash data for the five most recent years (from January 2013 to December 2017), within the influence area of SR 5 (SB) at MM) 86, was downloaded from the FDOT's Crash Analysis Reporting System (CARS). Based on the crash data, a total of 32 crashes were documented within the study segment (MP 12.172 to MP 12.276) with seven (7) crashes in 2013, four (4) crashes in 2014, seven (7) crashes in 2015, and seven (7) crashes in 2016, and seven (7) crashes were reported in 2017. One (1) fixed object crash was reported, which is the crash type associated with the subject fatality. Based on the review of the police report, the fixed object crash did not occur within the study segment. No fatal crashes were reported. None of the confidence levels were applicable as there were fewer than eight (8) crashes in each year. The study segment is included in the 2017 High Crash List provided by the Department.

A review was performed using Google Earth aerials/street views. Based on this review, SR 5 is a two-lane, two-way road with a posted speed limit of 45 Miles Per Hour (MPH). Street lighting is not provided for this roadway; however, street lights are provided for the weigh station located on the east side of SR 5. Concrete barrier wall and guardrail are provided along the east side and guardrail is provided for a portion of the west side of SR 5. A review of the recent Skid Hazard Report indicates that the Friction Numbers along the southbound travel lanes of the SR 5 study segment is 39; however, no Friction Number is provided for the northbound travel lanes of the SR 5 study segment.

Based on the information presented in this document, no further action is recommended.

Prepared By: R. Trent Ebersole, P.E.

DISTRICT SAFETY ENGINEER (SIGNATURE)

DocuSigned by:

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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

DISPOSITION OF FATAL CRASH**DISTRICT SIX INITIAL REVIEW** Relevant Studies/CTPs Relevant Programmed Projects

FM 443207-1

 CRASH NARRATIVE

Based on a review of the police report, the subject crash was a fixed object crash that occurred on SR 5/US 1/Overseas Highway (southbound) at Mile Marker (MM) 86 (miscoded as 200 feet north of MM 86). The fatal crash occurred on Monday, November 11, 2019 at 3:40 PM (Daylight), under dry pavement and clear weather conditions. According to the police report, vehicle 1 was southbound on SR 5. Vehicle 1 traveled off the roadway onto the shoulder, where vehicle 1 collided with a guardrail. Vehicle 1 then continued in motion and collided with a tree. A passenger of vehicle 1 was pronounced deceased at the hospital on Monday, November 11, 2019 at 4:20 PM.

 CRASH DATA REVIEW (crash summary sheets attached)

The crash data for the five most recent years (from January 2013 to December 2017), within the influence area of SR 5 (SB) at MM) 86, was downloaded from the FDOT's Crash Analysis Reporting System (CARS). Based on the crash data, a total of 32 crashes were documented within the study segment (MP 12.172 to MP 12.276) with seven (7) crashes in 2013, four (4) crashes in 2014, seven (7) crashes in 2015, and seven (7) crashes in 2016, and seven (7) crashes were reported in 2017. One (1) fixed object crash was reported, which is the crash type associated with the subject fatality. Based on the review of the police report, the fixed object crash did not occur within the study segment. No fatal crashes were reported. None of the confidence levels were applicable as there were fewer than eight (8) crashes in each year. The study segment is included in the 2017 High Crash List provided by the Department.

The predominant crash types was rear end with 15 crashes (46.9 percent), followed by angle with nine (9) crashes (28.1 percent), and sideswipe with five (5) crashes (15.6 percent).

Expected Value Analysis (EVA) was not performed as EVA is not applicable for segments. Four (4) crashes (12.5 percent) occurred during night/dusk/dawn lighting conditions, which is lower than the districtwide average for all roadways of 30 percent. Four (4) crashes (12.5 percent) occurred under wet/slippery pavement conditions, which is lower than the districtwide average for all roadways of 15 percent.

 OFFICE-BASED REVIEW NOTES

A review was performed using Google Earth aeriels/street views. Based on this review, SR 5 is a two-lane, two-way road with a posted speed limit of 45 Miles Per Hour (MPH). Street lighting is not provided for this roadway; however, street lights are provided for the weigh station located on the east side of SR 5. Concrete barrier wall and guardrail are provided along the east side and guardrail is provided for a portion of the west side of SR 5. A review of the recent Skid Hazard Report indicates that the Friction Numbers along the southbound travel lanes of the SR 5 study segment is 39; however, no Friction Number is provided for the northbound travel lanes of the SR 5 study segment.

Per FM 443207-1 (no letting date; adopted, not begun), the programmed improvements include modification of traffic signs along SR 5, from MM 84.06 to MM 112.49 due to the damages from Hurricane Irma (Executive order for State of Emergency was declared on 09/04/2017).

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

LOCATION MAP

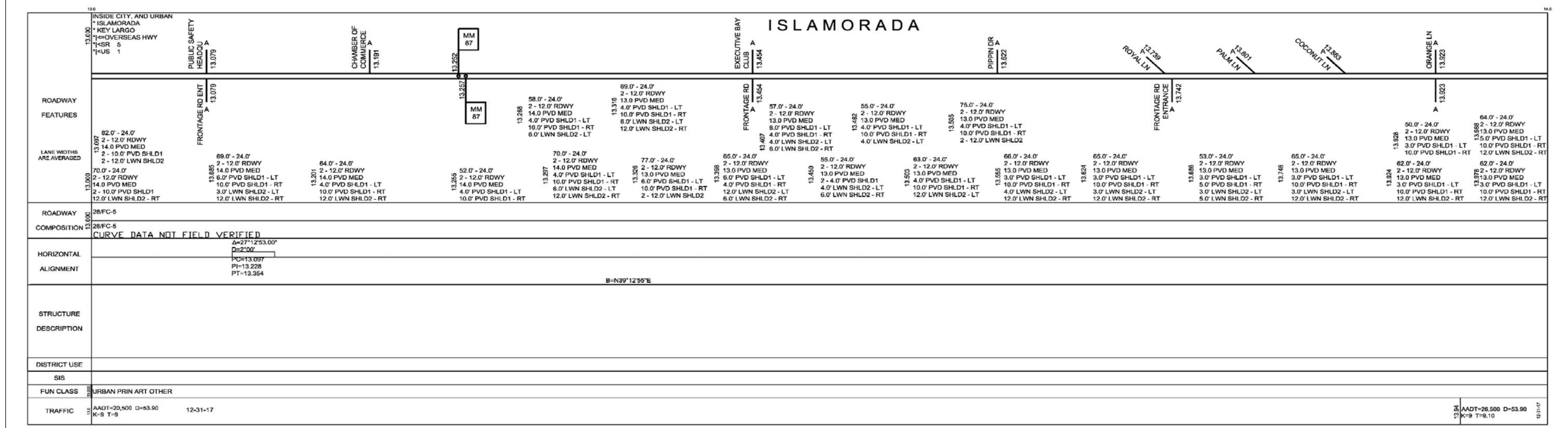
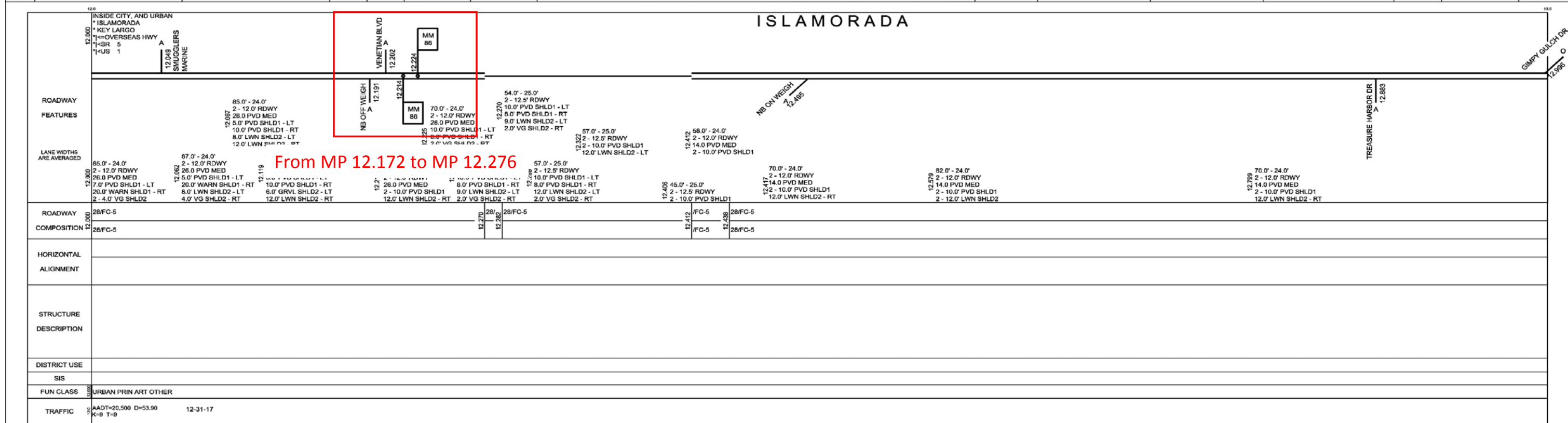
LOCATION ID	SR 5/US 1/OVERSEAS HWY (SB) AT MILE MARKER (MM) 86				
COUNTY	Monroe		SECTION	90060000	
BEGIN MILEPOST	12.172	END MILEPOST	12.276	PREPARED BY	McMahon



CRASH SUMMARY (5 YEAR TOTALS)

PDO	INJURY CRASHES	FATAL CRASHES	TOTAL	NIGHT CRASHES	WET CRASHES
19	13	0	32	4	4

5 YR INV	SLD REV	BMP	EMP	INV	SLD REV	FLORIDA DEPARTMENT OF TRANSPORTATION	SECTION STATUS	INT. or US ROUTE NO.	STATE ROAD NO.	COUNTY	DISTRICT	ROADWAY ID	SHEET NO.
07/16/2018	07/23/2018	000.000	038.777	Cls Engineering	08/03/2018	FDOT	02	US 1	SR 5	MONROE	06	90060000	7 OF 20
Cts Engineering						Cts Engineering							



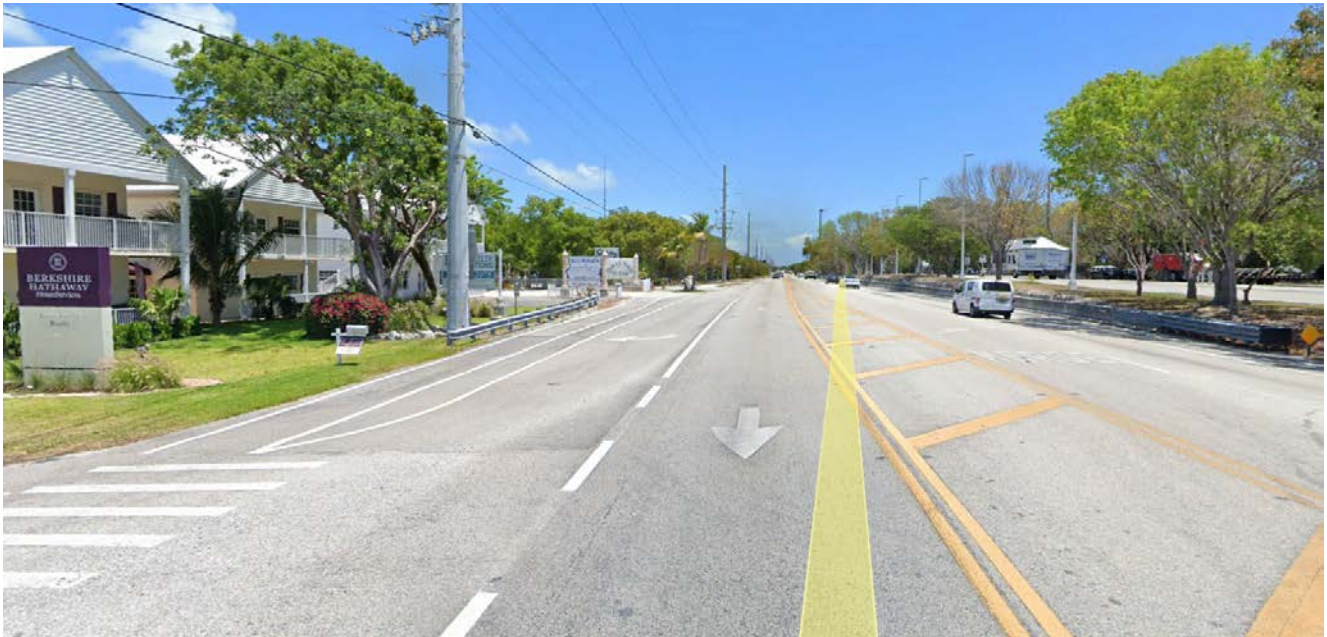
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

STREET VIEW IMAGES

LOCATION ID	SR 5/US 1/OVERSEAS HWY (SB) AT MILE MARKER (MM) 86				
COUNTY	Monroe		SECTION	90060000	
BEGIN MILEPOST	12.172	END MILEPOST	12.276	PREPARED BY	McMahon



Looking south on SR 5 in the vicinity of the subject crash



Looking north on SR 5 in the vicinity of the subject crash

COLLISION DIAGRAM

LOCATION ID	SR 5/US 1/OVERSEAS HWY (SB) AT MILE MARKER (MM) 86				
COUNTY	Monroe		SECTION	90060000	
BEGIN MILEPOST	12.172	END MILEPOST	12.276	PREPARED BY	McMahon

Note: 1) Based on the subject crash type, only fixed object crashes were plotted in the collision diagram. 2) The police reports for all crashes plotted were reviewed.



CRASH SUMMARY (5 YEAR TOTALS); DOES NOT INCLUDE FATAL IN 2019

PDO	INJURY CRASHES	FATAL CRASHES	TOTAL	NIGHT CRASHES	WET CRASHES
19	13	0	32	4	4

COLLISION DIAGRAM ONLY (5 YEAR TOTALS); DOES NOT INCLUDE FATAL IN 2019

PDO	INJURY CRASHES	FATAL CRASHES	TOTAL	NIGHT CRASHES	WET CRASHES
0	0	0	0	0	0

LEGEND

Fatal Crash No. XX	Crash No. XX	Rear End	Fixed Object
Sideswipe	Left Turn	Angle	Night Crash
Coll. w/ Pedestrian	Coll. w/ Bicycle	Night Crash	Daylight Crash
2013 Crash 	2014 Crash 	2015 Crash 	2016 Crash
2017 Crash 	Subject Fatal Crash 		

LOCATION INFORMATION CONFIDENCE LEVEL COMPUTATIONS

Location:	SR 5/US 1/OVERSEAS HWY (SB) AT MILE MARKER (MM) 86			
State Section:	90060000	County: Monroe		
State Road:	5	District: 6		
Roadway Limits:	MP	12.224		
Engineer:	FDOT D6			
Area Type:	Urban			
Spot/Segment:	Segment			
Spot Type:	2-3Ln 2Wy Divd Pavd			
Begin Milepost:	12.172	Input Radius	275	ft
End Milepost:	12.276			
Begin Year:	2013			
End Year:	2017			
Number of Years:	5			

CRASH STATISTICS

Year	2013	2014	2015	2016	2017
Number of Crashes	7	4	7	7	7
Average Daily Traffic (ADT)	19,300	25,500	27,500	22,000	20,500
Actual Crash Rate (ACR)	9.539	4.126	6.695	8.369	8.981
District 6 Average Crash Rate (A)	8.440	10.242	13.683	13.003	16.135
Average Vehicle Exposure (M)	0.734	0.970	1.046	0.836	0.779
Critical Crash Rate (CCR)	18.919	20.422	25.110	25.381	30.466
Safety Ratio	0.504	0.202	0.267	0.330	0.295
Statistical Significance	0.525	-1.723	-1.800	-1.024	-1.431
Confidence Level	50.00%	50.00%	50.00%	50.00%	50.00%

ADT – Average Daily Traffic

ACR – Actual Crash Rate = No. of crashes in a year / Average Vehicle Exposure (M)

M – Average Vehicle Exposure (million vehicles or million vehicles miles) = [(ADT * 365 * L) / 1,000,000]

L = Length of the Segment for Segment Analysis, 1 for Spot Analysis

A – Average Crash Rate

CCR – Critical Crash Rate = $A + K * (\text{SQRT}[A/M]) - (1/[2 * M])$

(Ref: FDOT Highway Safety Improvement Program Guidelines)

K = 3.291 for Urban, 1.960 for Suburban, 1.645 for Rural K = 3.291

Safety Ratio = ACR/CCR

Level of statistical significance = $(\text{ACR} - A + (1/2M))/\text{SQRT}(A/M)$

Confidence Level = Percent probability that the crash rate is abnormally high for the location under study, using the district-wide average as a benchmark. Threshold = 99.95%



FDOT DISTRICT 6 EXPECTED VALUES ANALYSIS

SR 5/US 1/OVERSEAS HWY (SB) AT MILE MARKER (MM) 86 Segment/Spot with No Expected Values Available		Number of Crashes					5 Year Total Crashes	Mean Crashes Per Year	%	Expected Annual Crash Value		90 %ile	95 %ile
		Year								Abnormally High Crashes per year			
		2013	2014	2015	2016	2017				90th percentile	95th percentile		
CRASH TYPE	Rear End	2	1	3	5	4	15	3.00	46.9%	0.00	0.00		
	Head On	0	0	0	0	0	0	0.00	0.0%	0.00	0.00		
	Angle	2	2	2	1	2	9	1.80	28.1%	0.00	0.00		
	Left Turn	0	0	0	0	0	0	0.00	0.0%	0.00	0.00		
	Right Turn	0	0	0	0	0	0	0.00	0.0%	0.00	0.00		
	Sideswipe	1	1	1	1	1	5	1.00	15.6%	0.00	0.00		
	Backed Into	0	0	0	0	0	0	0.00	0.0%	0.00	0.00		
	Pedestrian	0	0	0	0	0	0	0.00	0.0%	0.00	0.00		
	Bicycle	2	0	0	0	0	2	0.40	6.3%	0.00	0.00		
	Fixed Object	0	0	1	0	0	1	0.20	3.1%	0.00	0.00		
	Other Non-Collisions	0	0	0	0	0	0	0.00	0.0%	0.00	0.00		
	Overturn/Rollover	0	0	0	0	0	0	0.00	0.0%	0.00	0.00		
Others	0	0	0	0	0	0	0.00	0.0%	0.00	0.00			
	Total Crashes	7	4	7	7	7	32	6.40	100.0%	0.00	0.00		
SEVERITY	PDO Crashes	3	3	5	4	4	19	3.80	59.4%	0.00	0.00		
	Fatal Crashes	0	0	0	0	0	0	0.00	0.0%	0.00	0.00		
	Injury Crashes	4	1	2	3	3	13	2.60	40.6%	0.00	0.00		
LIGHTING CONDITIONS	Daylight	6	3	6	7	6	28	5.60	87.5%	0.00	0.00		
	Dusk	0	0	0	0	0	0	0.00	0.0%	0.00	0.00		
	Dawn	0	0	0	0	1	1	0.20	3.1%	0.00	0.00		
	Dark	1	1	1	0	0	3	0.60	9.4%	0.00	0.00		
	Unknown	0	0	0	0	0	0	0.00	0.0%	0.00	0.00		
SURFACE CONDITIONS	Dry	4	4	6	7	7	28	5.60	87.5%	0.00	0.00		
	Wet	3	0	1	0	0	4	0.80	12.5%	0.00	0.00		
	Others	0	0	0	0	0	0	0.00	0.0%	0.00	0.00		
MONTH OF YEAR	January	2	0	0	1	0	3	0.60	9.4%	0.00	0.00		
	February	1	0	2	1	0	4	0.80	12.5%	0.00	0.00		
	March	0	1	2	2	1	6	1.20	18.8%	0.00	0.00		
	April	1	1	0	0	0	2	0.40	6.3%	0.00	0.00		
	May	2	1	0	0	0	3	0.60	9.4%	0.00	0.00		
	June	1	0	0	1	1	3	0.60	9.4%	0.00	0.00		
	July	0	0	1	1	0	2	0.40	6.3%	0.00	0.00		
	August	0	0	0	0	0	0	0.00	0.0%	0.00	0.00		
	September	0	1	0	0	1	2	0.40	6.3%	0.00	0.00		
	October	0	0	0	0	1	1	0.20	3.1%	0.00	0.00		
	November	0	0	1	1	0	2	0.40	6.3%	0.00	0.00		
	December	0	0	1	0	3	4	0.80	12.5%	0.00	0.00		
DAY OF WEEK	Monday	1	0	3	1	2	7	1.40	21.9%	0.00	0.00		
	Tuesday	2	0	0	1	0	3	0.60	9.4%	0.00	0.00		
	Wednesday	1	0	0	0	2	3	0.60	9.4%	0.00	0.00		
	Thursday	2	1	1	0	1	5	1.00	15.6%	0.00	0.00		
	Friday	1	0	0	2	0	3	0.60	9.4%	0.00	0.00		
	Saturday	0	1	3	2	2	8	1.60	25.0%	0.00	0.00		
	Sunday	0	2	0	1	0	3	0.60	9.4%	0.00	0.00		
HOUR OF DAY	00:00-06:00	0	1	0	0	0	1	0.20	3.1%	0.00	0.00		
	06:00-09:00	0	0	0	0	1	1	0.20	3.1%	0.00	0.00		
	09:00-11:00	1	1	1	2	0	5	1.00	15.6%	0.00	0.00		
	11:00-13:00	1	1	2	1	1	6	1.20	18.8%	0.00	0.00		
	13:00-15:00	0	0	1	2	1	4	0.80	12.5%	0.00	0.00		
	15:00-18:00	4	1	1	2	4	12	2.40	37.5%	0.00	0.00		
	18:00-24:00	1	0	2	0	0	3	0.60	9.4%	0.00	0.00		

State of Florida Department of Transportation																
CRASH SUMMARY																
SECTION: 90060000										STATE ROUTE: 5						
ROADWAY LIMITS: MP										M.P. 12.172		TO 12.276		ENGINEER: FDOT D6		
STUDY PERIOD: FROM 1/ 2013										TO 12/ 2013		COUNTY: Monroe				
No.	MILE POST	DATE	DAY	TIME	CRASH TYPE			FATAL	INJURIES	PROP DAM	DAY / NIGHT	WET / DRY	CONTRIBUTING CAUSE (VEHICLE ONLY)			
1	12.224	01/09/13	Wed	1548	Rear-End			0	2	0	Day	Dry	Careless or Negligent Manner			
2	12.214	01/18/13	Fri	1538	Pedalcycle			0	0	1	Day	Dry	No Contributing Action			
3	12.202	02/28/13	Thu	1546	Pedalcycle			0	1	0	Day	Dry	Failed to Yield Right-Of-Way			
4	12.233	04/22/13	Mon	1004	Sideswipe			0	2	0	Day	Dry	Careless or Negligent Manner			
5	12.224	05/02/13	Thu	2023	Angle			0	1	0	Night	Wet	Failed to Yield Right-Of-Way			
6	12.202	05/28/13	Tue	1517	Angle			0	0	1	Day	Wet	Failed to Yield Right-Of-Way			
7	12.240	06/04/13	Tue	1130	Rear-End			0	0	1	Day	Wet	Other Contributing Action			
Total No.	Fatal	Injury	PDO	Rear-End	Head-On	Angle	Left-Turn	Right-Turn	Sideswipe	Backed Into	Ped/Bike	Parked Car	Fixed Object	Ran into Water	Other	
7	0	4	3	2	0	2	0	0	1	0	2	0	0	0	0	
Percent	0.00%	57.14%	42.86%	28.57%	0.00%	28.57%	0.00%	0.00%	14.29%	0.00%	28.57%	0.00%	0.00%	0.00%	0.00%	
Contrib. Cause	Day	Night	Wet	Dry	Careless Driving	FTYRW	Improper Turn	Ran Red Light	Exceeded Speed	Improper Passing	Disreg Cntl Dev	Erratic/Aggress	Ran off Road	DUI	Wrong Way	
Total	6	1	3	4	2	3	0	0	0	0	0	0	0	0	0	
Percent	85.71%	14.29%	42.86%	57.14%	28.57%	42.86%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
TOTAL ENTERING VEHICLES/ADT: 19,300								SEGMENT CRASH RATE: 9.539 CRASHES PER MILLION VEHICLE MILES								

State of Florida Department of Transportation																
CRASH SUMMARY																
SECTION: 90060000										STATE ROUTE: 5						
ROADWAY LIMITS: MP										M.P. 12.172		TO 12.276		ENGINEER: FDOT D6		
STUDY PERIOD: FROM 1/ 2014										TO 12/ 2014		COUNTY: Monroe				
No.	MILE POST	DATE	DAY	TIME	CRASH TYPE			FATAL	INJURIES	PROP DAM	DAY / NIGHT	WET / DRY	CONTRIBUTING CAUSE (VEHICLE ONLY)			
1	12.240	03/08/14	Sat	0900	Rear-End			0	0	1	Day	Dry	Careless or Negligent Manner			
2	12.202	04/10/14	Thu	1530	Angle			0	0	1	Day	Dry	Failed to Yield Right-Of-Way			
3	12.259	05/04/14	Sun	0135	Angle			0	1	0	Night	Dry	Improper Turn			
4	12.221	09/28/14	Sun	1240	Sideswipe			0	0	1	Day	Dry	Failed to Yield Right-Of-Way			
Total No.	Fatal	Injury	PDO	Rear-End	Head-On	Angle	Left-Turn	Right-Turn	Sideswipe	Backed Into	Ped/Bike	Parked Car	Fixed Object	Ran into Water	Other	
4	0	1	3	1	0	2	0	0	1	0	0	0	0	0	0	
Percent	0.00%	25.00%	75.00%	25.00%	0.00%	50.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Contrib. Cause	Day	Night	Wet	Dry	Careless Driving	FTYRW	Improper Turn	Ran Red Light	Exceeded Speed	Improper Passing	Disreg Cntl Dev	Erratic/Aggress	Ran off Road	DUI	Wrong Way	
Total	3	1	0	4	1	2	1	0	0	0	0	0	0	0	0	
Percent	75.00%	25.00%	0.00%	100.00%	25.00%	50.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
TOTAL ENTERING VEHICLES/ADT: 25,500								SEGMENT CRASH RATE: 4.126 CRASHES PER MILLION VEHICLE MILES								

State of Florida Department of Transportation																
CRASH SUMMARY																
SECTION: 90060000										STATE ROUTE: 5						
ROADWAY LIMITS: MP										M.P. 12.172		TO 12.276		ENGINEER: FDOT D6		
STUDY PERIOD: FROM 1/ 2015										TO 12/ 2015		COUNTY: Monroe				
No.	MILE POST	DATE	DAY	TIME	CRASH TYPE			FATAL	INJURIES	PROP DAM	DAY / NIGHT	WET / DRY	CONTRIBUTING CAUSE (VEHICLE ONLY)			
1	12.202	02/09/15	Mon	1237	Angle			0	0	1	Day	Dry	Failed to Yield Right-Of-Way			
2	12.214	02/28/15	Sat	1600	Rear-End			0	6	0	Day	Dry	Careless or Negligent Manner			
3	12.174	03/09/15	Mon	1015	Rear-End			0	0	1	Day	Dry	Careless or Negligent Manner			
4	12.211	03/14/15	Sat	1327	Rear-End			0	0	1	Day	Dry	No Contributing Action			
5	12.224	07/25/15	Sat	1851	Curb			0	0	1	Day	Wet	Drove too Fast for Conditions			
6	12.202	11/19/15	Thu	2046	Sideswipe			0	0	1	Night	Dry	#N/A			
7	12.202	12/14/15	Mon	1250	Angle			0	2	0	Day	Dry	Failed to Yield Right-Of-Way			
Total No.	Fatal	Injury	PDO	Rear-End	Head-On	Angle	Left-Turn	Right-Turn	Sideswipe	Backed Into	Ped/Bike	Parked Car	Fixed Object	Ran into Water	Other	
7	0	2	5	3	0	2	0	0	1	0	0	0	1	0	0	
Percent	0.00%	28.57%	71.43%	42.86%	0.00%	28.57%	0.00%	0.00%	14.29%	0.00%	0.00%	0.00%	14.29%	0.00%	0.00%	
Contrib. Cause	Day	Night	Wet	Dry	Careless Driving	FTYRW	Improper Turn	Ran Red Light	Exceeded Speed	Improper Passing	Disreg Cntl Dev	Erratic/Aggress	Ran off Road	DUI	Wrong Way	
Total	6	1	1	6	2	2	0	0	1	0	0	0	0	0	0	
Percent	85.71%	14.29%	14.29%	85.71%	28.57%	28.57%	0.00%	0.00%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
TOTAL ENTERING VEHICLES/ADT: 27,500								SEGMENT CRASH RATE: 6.695 CRASHES PER MILLION VEHICLE MILES								

State of Florida Department of Transportation CRASH SUMMARY															
SECTION: 90060000										STATE ROUTE: 5					
ROADWAY LIMITS: MP										M.P. 12.172		TO 12.276		ENGINEER: FDOT D6	
STUDY PERIOD: FROM 1/ 2016										TO 12/ 2016		COUNTY: Monroe			
No.	MILE POST	DATE	DAY	TIME	CRASH TYPE			FATAL	INJURIES	PROP DAM	DAY / NIGHT	WET / DRY	CONTRIBUTING CAUSE (VEHICLE ONLY)		
1	12.214	01/19/16	Tue	1441	Rear-End			0	0	1	Day	Dry	Careless or Negligent Manner		
2	12.214	02/12/16	Fri	1324	Sideswipe			0	0	1	Day	Dry	#N/A		
3	12.240	03/19/16	Sat	1145	Rear-End			0	0	1	Day	Dry	Careless or Negligent Manner		
4	12.214	03/25/16	Fri	1740	Rear-End			0	0	1	Day	Dry	Careless or Negligent Manner		
5	12.224	06/19/16	Sun	0922	Rear-End			0	1	0	Day	Dry	Improper Turn		
6	12.214	07/16/16	Sat	1710	Rear-End			0	2	0	Day	Dry	Careless or Negligent Manner		
7	12.202	11/28/16	Mon	1025	Angle			0	1	0	Day	Dry	Ran Stop Sign		
Total No.	Fatal	Injury	PDO	Rear-End	Head-On	Angle	Left-Turn	Right-Turn	Sideswipe	Backed Into	Ped/Bike	Parked Car	Fixed Object	Ran into Water	Other
7	0	3	4	5	0	1	0	0	1	0	0	0	0	0	0
Percent	0.00%	42.86%	57.14%	71.43%	0.00%	14.29%	0.00%	0.00%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Contrib. Cause	Day	Night	Wet	Dry	Careless Driving	FTYRW	Improper Turn	Ran Red Light	Exceeded Speed	Improper Passing	Disreg Cntl Dev	Erratic/Aggress	Ran off Road	DUI	Wrong Way
Total	7	0	0	7	4	0	1	0	0	0	0	0	0	0	0
Percent	100.00%	0.00%	0.00%	100.00%	57.14%	0.00%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL ENTERING VEHICLES/ADT: 27,500								SEGMENT CRASH RATE: 6.695 CRASHES PER MILLION VEHICLE MILES							

State of Florida Department of Transportation																
CRASH SUMMARY																
SECTION: 90060000										STATE ROUTE: 5						
ROADWAY LIMITS: MP										M.P. 12.172		TO 12.276		ENGINEER: FDOT D6		
STUDY PERIOD: FROM 1/ 2017										TO 12/ 2017		COUNTY: Monroe				
No.	MILE POST	DATE	DAY	TIME	CRASH TYPE			FATAL	INJURIES	PROP DAM	DAY / NIGHT	WET / DRY	CONTRIBUTING CAUSE (VEHICLE ONLY)			
1	12.208	03/13/17	Mon	1551	Angle			0	0	1	Day	Dry	Failed to Yield Right-Of-Way			
2	12.214	06/24/17	Sat	1155	Rear-End			0	0	1	Day	Dry	Careless or Negligent Manner			
3	12.214	09/02/17	Sat	1517	Angle			0	1	0	Day	Dry	Ran Stop Sign			
4	12.249	10/09/17	Mon	1327	Sideswipe			0	0	1	Day	Dry	#N/A			
5	12.214	12/06/17	Wed	1528	Rear-End			0	2	0	Day	Dry	#N/A			
6	12.214	12/20/17	Wed	0632	Rear-End			0	1	0	Day	Dry	No Contributing Action			
7	12.224	12/28/17	Thu	1645	Rear-End			0	0	1	Night	Dry	Careless or Negligent Manner			
Total No.	Fatal	Injury	PDO	Rear-End	Head-On	Angle	Left-Turn	Right-Turn	Sideswipe	Backed Into	Ped/Bike	Parked Car	Fixed Object	Ran into Water	Other	
7	0	3	4	4	0	2	0	0	1	0	0	0	0	0	0	
Percent	0.00%	42.86%	57.14%	57.14%	0.00%	28.57%	0.00%	0.00%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Contrib. Cause	Day	Night	Wet	Dry	Careless Driving	FTYRW	Improper Turn	Ran Red Light	Exceeded Speed	Improper Passing	Disreg Cntl Dev	Erratic/Aggress	Ran off Road	DUI	Wrong Way	
Total	6	1	0	7	2	1	0	0	0	0	0	0	0	0	0	
Percent	85.71%	14.29%	0.00%	100.00%	28.57%	14.29%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
TOTAL ENTERING VEHICLES/ADT: 27,500								SEGMENT CRASH RATE: 6.695 CRASHES PER MILLION VEHICLE MILES								

LONG FORM SHORT FORM UPDATE

(Electronic Version)

Date of Crash 11/Nov/2019 03:40 PM	Time of Crash 11/Nov/2019 03:40 PM	Date of Report 19/Feb/2020 02:12 PM	Invest. Agency Report Number FHPE19OFF062412	HSMV Crash Report Number 88181972
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CRASH IDENTIFIERS

County Code 38	City Code 30	County of Crash MONROE	Place or City of Crash ISLAMORADA	Within City Limits No	Time Reported 11/Nov/2019 03:45 PM	Time Dispatched 11/Nov/2019 03:51 PM
Time on Scene 11/Nov/2019 04:28 PM	Time Cleared Scene 11/Nov/2019 06:51 PM	Completed Yes	Reason (if Investigation NOT Completed)			Notified By Law Enforcement

ROADWAY INFORMATION

Crash Occured On Street, Road, Highway US-1		At Street Address# 1	At Latitude 24.954907950474201	Longitude -80.581507397103195
At Feet 200	Or Miles	Direction North	From Intersection With Street, Road, Highway MILE MARKER 86	Or From Milepost #
Road System Identifier 2 U.S.		Type Of Shoulder 1 Paved	Type Of Intersection 1 Not at Intersection	

CRASH INFORMATION (Check if Pictures Taken)

Light Condition 1 Daylight	Weather Condition 1 Clear	Roadway Surface Condition 1 Dry	School Bus Related 1 No	Manner Of Collision 77 Other, Explain in Narrative
First Harmful Event Type	First Harmful Event 28	First Harmful Event Location 3 Shoulder	Within Interchange No	First Harmful Event Relation to Junction 1 Non-Junction
Contributing Circumstances: Road 1 None		Contributing Circumstances: Road		Contributing Circumstances: Road
Contributing Circumstances: Environment 1 None		Contributing Circumstances: Environment		Contributing Circumstances: Environment
Work Zone Related 1 No	Crash In Work Zone	Type Of Work Zone	Workers In Work Zone	Law Enforcement In Work Zone

VEHICLE (Check if Commercial)

Vehicle 1	Motor Vehicle Type 1 Vehicle in Transport	Hit and Run 1 No	Veh License Number LBRB94	State FL	Reg. Expires 19/Feb/2020	Permanent Reg. No	VIN WAUAF AFL2AN010993			
Year 2010	Make AUDI	Model A4	Style UT	Color BLU	Extent of Damage Disabling	Est. Damage 8000	Towed Due To Damage Yes	Vehicle Removed By ALL AMERICAN	Rotation Rotation	
Insurance Company PROGRESSIVE INS				Insurance Policy Number 13829633						
Name of Vehicle Owner (Check Box If Business) ALVARO LOPEZ ALEMAN			Current Address (Number and Street) 1662 DUNLAP DE APT 64			City and State KEY WEST FL		Zip Code 33040-4468		
Trailer One:	License Number	State	Reg. Expires	Permanent Reg.	VIN	Year	Make	Length	Axles	
Trailer Two:	License Number	State	Reg. Expires	Permanent Reg.	VIN	Year	Make	Length	Axles	
Vehicle Traveling:	Direction South	On Street, Road, Highway US-1				At Est. Speed 45	Posted Speed 45	Total Lanes 2		
CMV Configuration			Cargo Body Type			Area of Initial Impact		Most Damaged Area		
Comm GVWR/GCWR			Trailer Type (trailer one)		Trailer Type (trailer two)					
Haz. Mat. Release		Haz Mat. Placard		Number		Class				
Motor Carrier Name				US DOT Number						
Motor Carrier Address				City and State			Zip Code		Phone Number	
Comm/Non-Commercial	Vehicle Body Type 1 Passenger Car	Vehicle Defects (one) 1 None		Vehicle Defects (two)		Emergency Vehicle Use 1 No		Special Function of MV 1 No Special Function		
Vehicle Maneuver Action 1 Straight Ahead	Trafficway 1 Two-Way, Not Divided		Roadway Grade 1 Level		Roadway Alignment 1 Straight		Most Harmful Event 3 Collision with Fixed Object		Most Harmful Event Detail 32 Tree (standing)	
Traffic Control Device For This Vehicle 1 No Controls		First (1) Sequence of Events 3 Collision with Fixed Object 28 Guardrail End		Second (2) Sequence of Events 32 Tree (standing)		Third (3) Sequence of Events		Fourth (4) Sequence of Events		

PERSON RECORD

Person# 1	Description 1 Driver	Vehicle # 1	Name DIOGO JESUS LOPEZ	Date of Birth 06/Nov/2002	Sex 1 Male	Phone Number	Re-Exam No
Address 1662 DUNLAP DR APT 4		City KEY WEST		State FL		Zip Code 33040	
Driver License Number L120170024060		State FL	Expires 06/Nov/2027	DL Type 5 E/Operator	Req. End. 3 No Req Endorsement	Injury Severity 2 Possible	Ejection 1 Not Ejected

Restraint System 3 Shoulder and Lap Belt Used	Air Bag Deployed 6 Deployed-Combination	Helmet Use	Eye Protection 3 Not Applicable	Seating Location Seat 1 Left	Seating Location Row 1 Front	Seating Location Other		
Drivers Actions at Time of Crash (first) 25 Failed to Keep in Proper Lane			Drivers Actions at Time of Crash (second)		Driver Distracted By 7 Inattentive	Vision Obstruction 1 Vision Not Obscured		
Drivers Actions at Time of Crash (third)			Drivers Actions at Time of Crash (fourth)		Drivers Condition at Time of Crash 3 Asleep or Fatigued			
Suspected Alcohol Use 1 No	Alcohol Tested 1 Test Not Given	Alcohol Test Type	Alcohol Test Result	BAC	Suspected Drug Use 1 No	Drug Tested 1 Test Not Given	Drug Test Type	Drug Test Result
Source of Transport to Medical Facility 2 EMS		EMS Agency Name or ID MCSO FIRE RESCUE		EMS Run Number 191111-1604-IFR		Medical Facility Transported To MARINERS HOSPITAL		

PERSON RECORD

Person# 2	Description 3 Passenger	Vehicle # 1	Name EURIULICES SARMIENTO	Date of Birth 23/Oct/1977	Sex 2 Female	Injury Severity 2 Possible	Ejection 1 Not Ejected
Address 1662 DUNLAP DR APT 4			City KEY WEST			State FL	Zip Code 33040
Restraint System 3 Shoulder and Lap Belt Used	Air Bag Deployed 6 Deployed-Combination	Helmet Use	Eye Protection 3 Not Applicable	Seating Location Seat 3	Seating Location Row 1	Seating Location Other	
Source of Transport to Medical Facility 2 EMS		EMS Agency Name or ID MCSO FIRE RESCUE		EMS Run Number 191111-1604-IFR		Medical Facility Transported To MARINERS	

PERSON RECORD

Person# 3	Description 3 Passenger	Vehicle # 1	Name VIDALINA YSABEL HERRERA SOSA	Date of Birth 02/Jul/1939	Sex 2 Female	Injury Severity 5 Fatal (within 30 days)	Ejection 1 Not Ejected
Address 1662 DUNLAP DR APT 4			City KEY WEST			State FL	Zip Code 33040
Restraint System 2 None Used -Motor Vehicle Occupant	Air Bag Deployed 4 Deployed-Side	Helmet Use	Eye Protection 3 Not Applicable	Seating Location Seat 1	Seating Location Row 2	Seating Location Other	
Source of Transport to Medical Facility 2 EMS		EMS Agency Name or ID MCSO FIRE RESCUE		EMS Run Number 191111-1604-IFR		Medical Facility Transported To MARINERS	

VIOLATIONS

Person# 1	Name DIOGO JESUS LOPEZ	Florida Statute Number 316.089(1)	Charge FAIL TO DRIVE IN SINGLE LANE	Citation A8URJQE
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NON VEHICLE PROPERTY DAMAGE

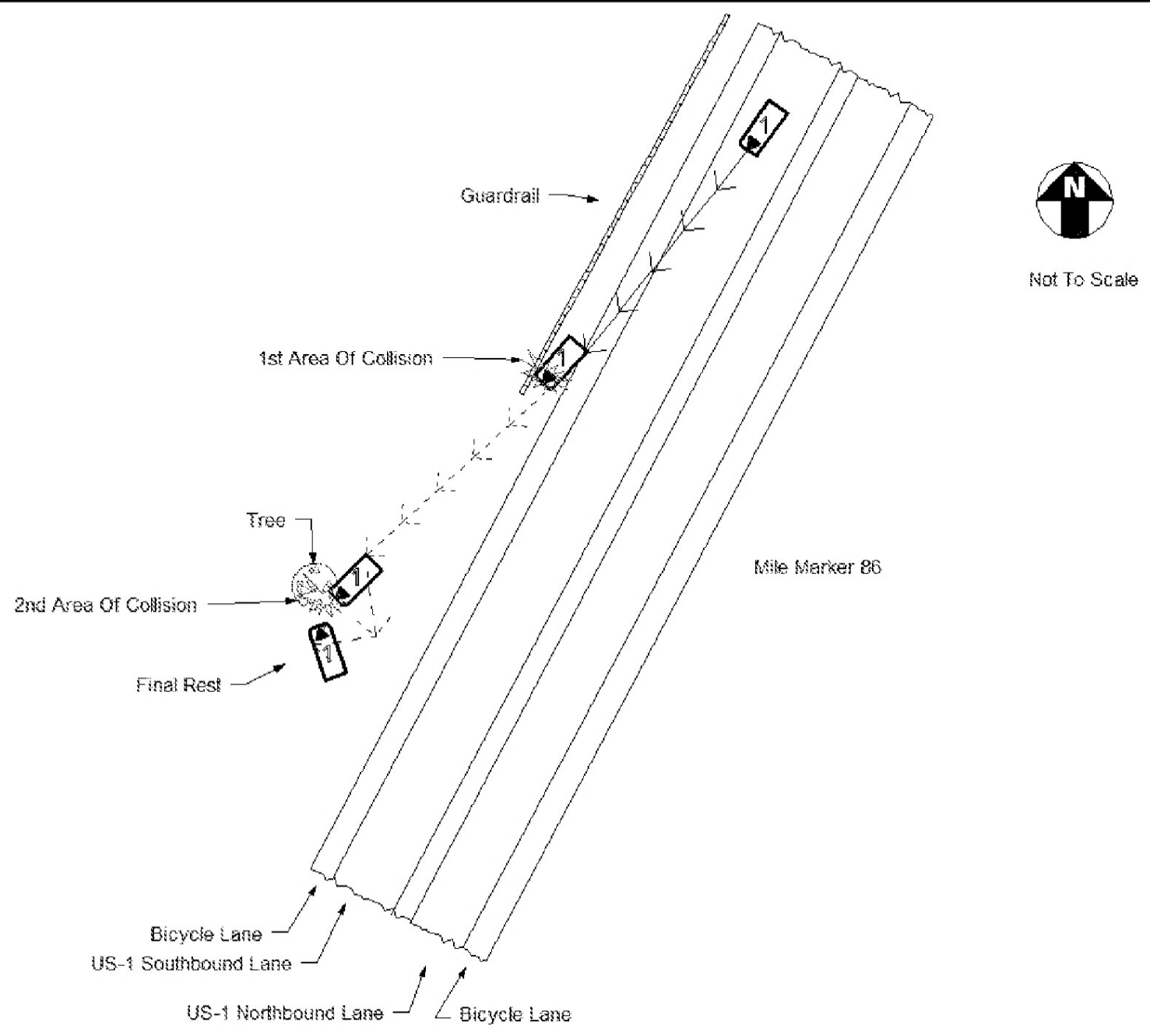
Vehicle#	Person#	Property Damage - Other Than Vehicle GUARDRAIL	Est. Amount 2726	Business Yes	Owner's Name DBI SERVICES	Address 7429 NW 50 ST	City & State MIAMI FL	Zip Code 33166
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NARRATIVE

ID Number 4636	Rank TROOPER	Name MEJIA, E	Troop / Post E	Officer Agency FLORIDA HIGHWAY PATROL	Phone Number 305-470-2500	Date Created Nov 13, 2019
<p>Vehicle 01(V01) was traveling southbound on US-1 and mile marker 86. V01 traveled off the roadway onto the shoulder where V01's right front end collided with the end of a guardrail. V01 then continued in motion and with its front end collided with a tree. V01 proceeded to rotated clockwise after collision and came to final rest on the southbound shoulder of US-1 facing west.</p> <p>Vidalina Ysabel Herrera Sosa, Date of birth 07/02/1939, Age 80, was pronounced deceased at Mariners Hospital by Doctor Oisel Vallejo at 4:20 PM.</p> <p>Traffic Homicide Case Number: FHP 719-38-013</p> <p>Traffic Homicide Investigator: Corporal Luis Perez 1086-3463</p> <p>Photographs taken by: Corporal Luis Perez 1086-3463 and Trooper Elvis Media 1860-4636</p>						
ID Number 3463	Rank CORPORAL	Name PEREZ, L	Troop / Post E	Officer Agency FLORIDA HIGHWAY PATROL	Phone Number 305-470-2500	Date Created Feb 19, 2020
<p>Investigation is completed. Driver of Vehicle 1 was found at fault and was issued a citation. Please refer to the Traffic Homicide Investigation Report.</p>						

REPORTING OFFICER

ID/Badge # 3463	Rank and Name CORPORAL PEREZ, L	Department FLORIDA HIGHWAY PATROL	Type of Department FHP
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        CCCCCCCCCC      AAAAAAAAAAAA      RRRRRRRRRRRR
       CCC             AAA   AAA           RRR   RRR
      CCC             AAA   AAA           RRR   RRR
     CCC             AAAAAAAAAA          RRRRRRRRRRRR
    CCC             AAAAAAAAAAAA          RRRRRRRRRRRRRR
   CCC             AAA   AAA           RRR   RRR
  CCC             AAA   AAA           RRR   RRR
 CCCCCCCCCC      AAA   AAA           RRR   RRRR
CCCCCCCCCCCC      AAA   AAA           RRR   RRRRRR

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C R A S H R E P O R T I N G S Y S T E M

N O T I C E: THE INFORMATION CONTAINED IN THIS DOCUMENT (REPORT, SCHEDULE, LIST, OR DATA) HAS BEEN COMPILED FROM INFORMATION COLLECTED FOR THE PURPOSE OF IDENTIFYING, EVALUATING, OR PLANNING SAFETY ENHANCEMENTS. THIS PRODUCT IDENTIFIES INFORMATION USED FOR THE PURPOSE OF DEVELOPING HIGHWAY SAFETY CONSTRUCTION IMPROVEMENT PROJECTS WHICH MAY BE IMPLEMENTED UTILIZING FEDERAL-AID HIGHWAY FUNDS. ANY DOCUMENT DISPLAYING THIS NOTICE SHALL BE USED ONLY FOR THOSE PURPOSES DEEMED APPROPRIATE BY THE FLORIDA DEPARTMENT OF TRANSPORTATION. SEE TITLE 23, UNITED STATES CODE, SECTION 409.

```

I/O NAME: ..... CARI122
PROGRAM ID: ..... CARPJ122
REPORT NUMBER: ..... 01
RUN CLASS: ..... A
MESSAGE CLASS: ..... Q
PRINTER DEST: ..... LOCAL
# COPIES: ..... 01
ACCOUNT #: ..... 5565945
SUBMIT W/HOLD? ..... N
USERID: ..... KNMMANL
DETAIL SORT ORDER: ..... 1 - SORT BY ROADWAY, MILE POINT
PRINT SEGMENTS? ..... Y
PRINT INTERSECTIONS? ..... N
SUMMARY FORMAT: ..... 2 - TOP LINE ALL BREAKS
OVERRIDE VALUES:
MAX # OF BREAKS: ..... 06
CRASH RATE CATEGORY: ...
AVERAGE DAILY TRAFFIC:..
# OF LEGS: .....

```

REPORT...CARPJ122-01
DATE...03/16/2020
TIME...13:42:09

FLORIDA - DEPARTMENT OF TRANSPORTATION
C A R - CRASH ANALYSIS REPORTING SYSTEM
CRASH DATA (IN 2011 AND LATER) DETAIL FOR STATE-MAINTAINED ROADS

PAGE NO: 1
USERID: KNMMANL
I/O.... CARO213

COMMENT: 1 - SORT BY ROADWAY, MILE POINT
FROM: 01/01/2013 TO 12/31/2017 RAMPS INCL
FROM CO/SEC/SUB: 90 060 000 MP: 012.172 INFL INCL
TO CO/SEC/SUB: 90 060 000 MP: 012.276 CR/OS INCL

Table with columns: C, ROADWYID, M, N, S, ADT, Y, M, D, H, CRCC, A, H, MO, L, W, R, R, DL, R, A, V, V, VF, VM, VA, V, V, V, VN, VN, N, V, #, #, #. The table contains multiple rows of numerical data representing crash statistics for various road segments.

REPORT...CARPJ122-01
 DATE...03/16/2020
 TIME...13:42:09

FLORIDA - DEPARTMENT OF TRANSPORTATION
 C A R - CRASH ANALYSIS REPORTING SYSTEM
 CRASH DATA (IN 2011 AND LATER) DETAIL FOR STATE-MAINTAINED ROADS

PAGE NO: 2
 USERID: KNMMANL
 I/O.... CARI122

COMMENT: 1 - SORT BY ROADWAY, MILE POINT
 FROM: 01/01/2013 TO 12/31/2017
 FROM CO/SEC/SUB: 90 060 000
 TO CO/SEC/SUB: 90 060 000
 MP: 012.172
 MP: 012.276
 RAMPS INCL
 INFL INCL
 CR/OS INCL

FOR YEAR	FATAL CRASH STATISTICS			INJURY CRASH STATS		PROPERTY DAMAGE ONLY	TOTALS			INFLUENCE CRASHES OCCURRING ON INTERSECTING RDWYS	
	CRASHES	FATALITIES	INJURIES	CRASHES	INJURIES	CRASHES	CRASHES	FATALITIES	INJURIES	AT INT.	INFL AREA
2013	0	0	0	4	6	3	7	0	6	0	0
2014	0	0	0	1	1	3	4	0	1	0	0
2015	0	0	0	2	8	5	7	0	8	0	0
2016	0	0	0	3	4	4	7	0	4	0	0
2017	0	0	0	3	4	4	7	0	4	0	0
TOTAL	0	0	0	13	23	19	32	0	23	0	0

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REPORT...CARPJ122-01
 DATE...03/16/2020
 TIME...13:42:09

FLORIDA - DEPARTMENT OF TRANSPORTATION
 C A R - CRASH ANALYSIS REPORTING SYSTEM
 CRASH DATA (IN 2011 AND LATER) DETAIL FOR STATE-MAINTAINED ROADS
 *** REPORT TOTALS ***

PAGE NO: 3
 USERID: KNMMANL
 I/O.... CARI122

CUMULATIVE TOTALS FOR ALL LOCATIONS SUBMITTED - OVERLAPPING OR INTERSECTING LOCATIONS MAY RESULT IN CRASHES COUNTED MORE THAN ONCE

FOR YEAR	FATAL CRASH STATISTICS			INJURY CRASH STATS		PROPERTY DAMAGE ONLY	TOTALS			INFLUENCE CRASHES OCCURRING ON INTERSECTING RDWYS	
	CRASHES	FATALITIES	INJURIES	CRASHES	INJURIES	CRASHES	CRASHES	FATALITIES	INJURIES	AT INT.	INFL AREA
2013	0	0	0	4	6	3	7	0	6	0	0
2014	0	0	0	1	1	3	4	0	1	0	0
2015	0	0	0	2	8	5	7	0	8	0	0
2016	0	0	0	3	4	4	7	0	4	0	0
2017	0	0	0	3	4	4	7	0	4	0	0
TOTAL	0	0	0	13	23	19	32	0	23	0	0

N O T I C E: THE INFORMATION CONTAINED IN THIS DOCUMENT (REPORT, SCHEDULE, LIST, OR DATA) HAS BEEN COMPILED FROM INFORMATION COLLECTED FOR THE PURPOSE OF IDENTIFYING, EVALUATING, OR PLANNING SAFETY ENHANCEMENTS. THIS PRODUCT IDENTIFIES INFORMATION USED FOR THE PURPOSE OF DEVELOPING HIGHWAY SAFETY CONSTRUCTION IMPROVEMENT PROJECTS WHICH MAY BE IMPLEMENTED UTILIZING FEDERAL-AID HIGHWAY FUNDS. ANY DOCUMENT DISPLAYING THIS NOTICE SHALL BE USED ONLY FOR THOSE PURPOSES DEEMED APPROPRIATE BY THE FLORIDA DEPARTMENT OF TRANSPORTATION. SEE TITLE 23, UNITED STATES CODE, SECTION 409.

DISPOSITION OF FATAL CRASH

DISTRICT SIX INITIAL REVIEW

<input checked="" type="checkbox"/> Relevant Studies/CTPs	N/A
<input checked="" type="checkbox"/> Relevant Programmed Projects	FDOT Routine Maintenance Project (#405798-3), SR 5 from MM 72 to north of MM 91, Fiscal Years 2012-2017

 CRASH NARRATIVE

The subject fatal crash was an angle collision that occurred on SR 5/US 1 and East Ridge Road, MM 86.8. The fatal crash occurred on Friday, October 14, 2016, at 12:17 PM (daylight), under dry pavement and clear weather conditions. According to the police report, a westbound vehicle proceeding from a stopped control condition failed to yield the right-of-way to a northbound vehicle traveling along US 1. The westbound vehicle was attempting to turn left onto southbound US 1. Northbound vehicle was estimated to be traveling at the posted speed limit of US 1. The driver and a passenger for the vehicle at fault for this crash perished; both the driver and passenger were wearing their seatbelts. Neither alcohol or drugs were suspected to be contributing causes to this crash.

 CRASH DATA REVIEW (Crash Summary Sheets Attached)

The crash data for the three most recent years (from January 2013 to December 2015) along US 1/SR 5 (90060000) from MP 12.966 to MP 13.155 was downloaded and summarized from FDOT's Crash Analysis Reporting System (CARS) on-line database. Based on a review of the crash data, a total of 3 crashes were documented within the study limits during the three-year period with all three crashes in 2015. All three crashes resulted in property damage only. The calculated confidence levels for the three-year study period did not identify the study location as a high crash location. Based on FDOT's 2013-2015 High Crash Lists for spots and segments, the study location is not considered a high crash location.

The three leading crash types at the study location were Rear-End, Angle, and Fixed Object crash with 1 crash (33%) each. No Expected Values Analysis was performed since these values are not available for roadway segments; the study location was treated as a roadway segment for crash analysis purposes. The leading contributing causes for all crashes included Careless or Negligent Manner, Ran Off Roadway, and Improper Turn with 33% each.

There was 1 dark/dawn/dusk crashes (33%) reported which is higher than the 2013-2015 Districtwide average for all roadways of 29%. There were no crashes that occurred under wet/slippery pavement conditions.

Based on the collision diagram developed for the crash type(s) of interest, the following are the major findings:

- There was 1 other angle crash that occurred at the study location in a similar manner as the subject crash; due to the low crash frequency no crash pattern was identified.

 OFFICE REVIEW OF FIELD CONDITIONS

Based on a review of Google Earth aerials/streetviews and 2016 FDOT Traffic Information, SR 5/US 1 is a two-lane urban other principal arterial (1 lane in each direction) divided by a combination of a painted median/left-turn lanes. The posted speed limit along SR 5 is 45 MPH. There is streetlighting on the west side of SR 5 (approximately 350 feet spacing). The eastbound and westbound approaches at the study intersection are controlled by a stop sign. There is a frontage road running parallel to SR 5 on its east side. There seems to be adequate visibility for westbound motorists to oncoming northbound traffic on SR 5 approaching the study intersection. The Google aerial image is dated December 30, 2017, and shows the pavement markings to be in fair condition.

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> No Curb/Gutter | <input type="checkbox"/> Crosswalk Markings
(High Emphasis) | <input type="checkbox"/> Traffic Signal Structure |
| <input checked="" type="checkbox"/> Streetlights (west
side of road) | <input checked="" type="checkbox"/> Sidewalk | <input type="checkbox"/> Backplates |
| <input checked="" type="checkbox"/> Traffic Signs (fair
condition) | <input type="checkbox"/> Bus Stops | <input type="checkbox"/> Internally Illuminated
Streetsigns |
| <input type="checkbox"/> Pavement
Deterioration | <input checked="" type="checkbox"/> Bicycle Lane | <input type="checkbox"/> Pedestrian Signals |

Attachments

- Location Map
- Straight Line Diagram
- Streetview Images
- Collision Diagram
- Crash Input Sheet
- Crash Summary Table
- Contributing Causes Summary Table
- Crash Summaries by Year
- Histogram
- Subject Fatal Crash Report
- CARS Output

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

LOCATION MAP

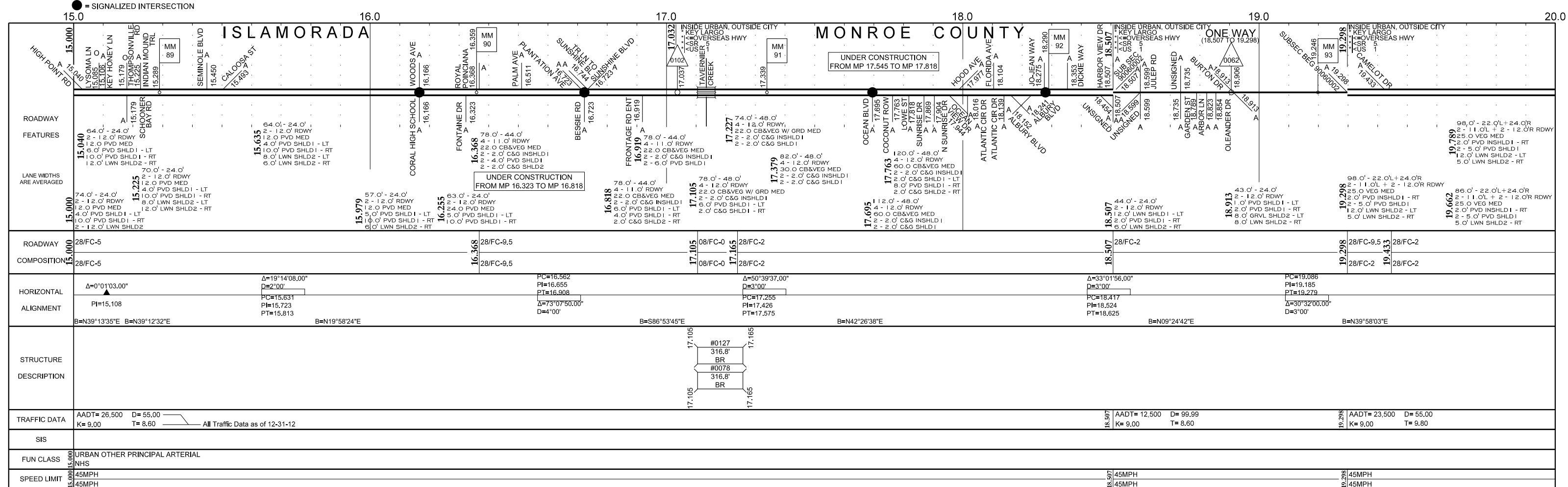
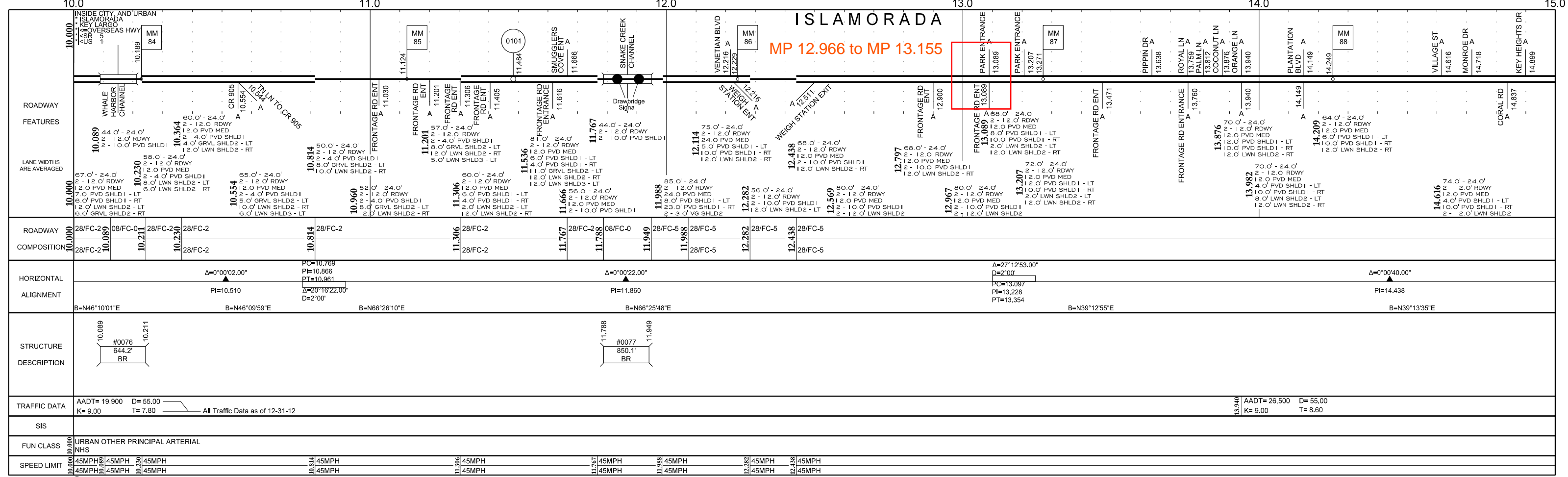
LOCATION ID	SR 5 / US 1 AT EAST RIDGE RD, MM 86.8			
COUNTY	Monroe		SECTION	90060000
BEGIN MILEPOST	12.966	END MILEPOST	13.155	PREPARED BY CHOICE



CRASH SUMMARY (3 YEAR TOTALS)

PDO	INJURY CRASHES	FATAL CRASHES	TOTAL	NIGHT CRASHES	WET CRASHES
3	0	0	3	1	0

FLORIDA DEPARTMENT OF TRANSPORTATION STRAIGHT LINE DIAGRAM OF ROAD INVENTORY



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

STREETVIEW IMAGES

LOCATION ID	SR 5 / US 1 AT EAST RIDGE RD, MM 86.8				
COUNTY	Monroe		SECTION	90060000	
BEGIN MILEPOST	12.966	END MILEPOST	13.155	PREPARED BY	CHOICE



a)- Looking north along northbound SR 5 approximately 150 feet south of fatal crash location (Image date: July 2015).



b)- Looking south along southbound SR 5 approximately 150 feet north of fatal crash location (Image date: July 2015).

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

STREETVIEW IMAGES

LOCATION ID	SR 5 / US 1 AT FRONT RD/PARK ENT, MM 86.8				
COUNTY	Monroe		SECTION	90060000	
BEGIN MILEPOST	12.966	END MILEPOST	13.155	PREPARED BY	CHOICE

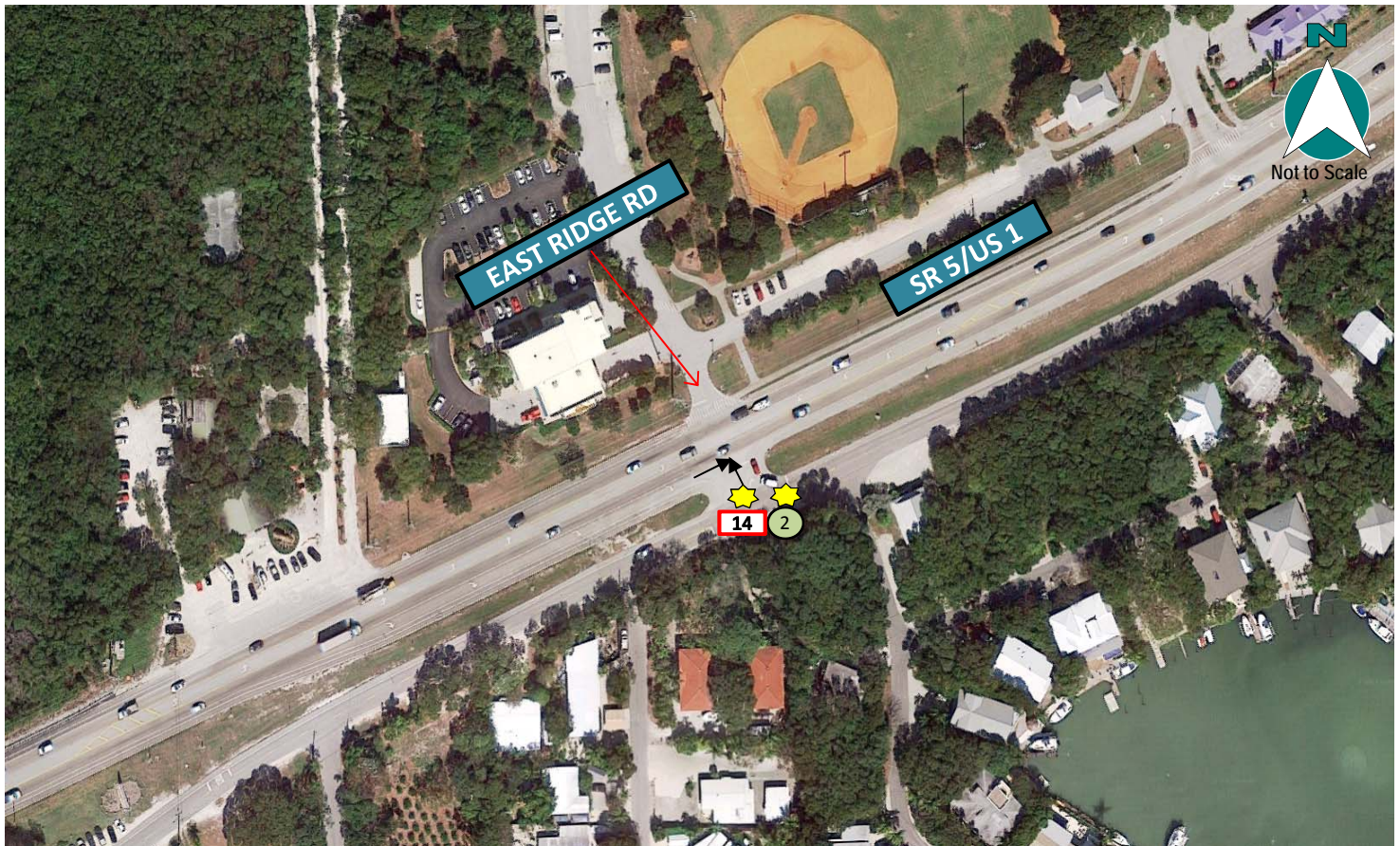


c)- Looking west along westbound approach of the study intersection (Image date: March 2015)

COLLISION DIAGRAM

LOCATION ID	SR 5 / US 1 AT EAST RIDGE RD, MM 86.8				
COUNTY	Miami-Dade	SECTION	90060000		
BEGIN MILEPOST	12.966	END MILEPOST	13.155	PREPARED BY	CHOICE

Note: 1)- Based on the subject fatal crash type, only angle crashes were plotted in the collision diagram. In addition, all fatal crashes are presented, regardless of their crash type. 2)- The police reports for all crashes plotted were reviewed and any miscoded data was corrected accordingly.



PDO	INJURY CRASHES	FATAL CRASHES	TOTAL	NIGHT CRASHES	WET CRASHES
3	0	0	3	1	0

COLLISION DIAGRAM ONLY (3 YEAR TOTALS); DOES NOT INCLUDE FATAL IN 2016

PDO	INJURY CRASHES	FATAL CRASHES	TOTAL	NIGHT CRASHES	WET CRASHES
1	0	0	1	0	0

LEGEND

Fatal Crash No. XX	Crash No. XX	Angle			
2013 Crash 	2014 Crash 	2015 Crash 			
Night Crash	Daylight Crash	Wk Zone Rel. ▲			
Subject Fatal Crash 					

LOCATION INFORMATION CONFIDENCE LEVEL COMPUTATIONS

Location:	SR 5 / US 1 AT EAST RIDGE RD, MM 86.8	
State Section:	90060000	County: Monroe
State Road:	5	District: 6
Roadway Limits:	North and South of Intersection, Approx. 1,000 ft	
Engineer:	CHOICE	
Area Type:	Urban	
Spot/Segment:	Segment	
Spot Type:	4-5 Lanes 2wy Div Pavd	
Begin Milepost:	12.966	
End Milepost:	13.155	
Begin Year:	2013	
End Year:	2015	
Number of Years:	3	

CRASH STATISTICS

Year	2013	2014	2015
Number of Crashes	0	0	3
Average Daily Traffic (ADT)	#DIV/0!	#DIV/0!	27,500
Actual Crash Rate (ACR)	#DIV/0!	#DIV/0!	1.581
District 6 Average Crash Rate (A)	9.876	12.006	7.714
Average Vehicle Exposure (M)	#DIV/0!	#DIV/0!	1.897
Critical Crash Rate (CCR)	#DIV/0!	#DIV/0!	14.087
Safety Ratio	#DIV/0!	#DIV/0!	0.112
Statistical Significance	-	-	-2.911
Confidence Level			50.00%

ADT – Average Daily Traffic

ACR – Actual Crash Rate = No. of crashes in a year / Average Vehicle Exposure (M)

M – Average Vehicle Exposure (million vehicles or million vehicles miles) = [(ADT * 365 * L) / 1,000,000]

L = Length of the Segment for Segment Analysis, 1 for Spot Analysis

A – Average Crash Rate

CCR – Critical Crash Rate = $A + K * (\text{SQRT}[A/M]) - (1/[2 * M])$

(Ref: FDOT Highway Safety Improvement Program Guidelines)

K = 3.291 for Urban, 1.960 for Suburban, 1.645 for Rural

K = 3.291

Safety Ratio = ACR/CCR

Level of statistical significance = $(\text{ACR} - A + (1/2M))/\text{SQRT}(A/M)$

Confidence Level = Percent probability that the crash rate is abnormally high for the location under study, using the district-wide average as a basis. CL Threshold = 99.95%



FDOT DISTRICT 6 EXPECTED VALUES ANALYSIS

SR 5 / US 1 AT EAST RIDGE RD, MM 86.8 Segment/Spot with No Expected Values Available		Number of Crashes			3 Year Total Crashes	Mean Crashes Per Year	%	Expected Annual Crash Value		Abnormal 90th Percentile	Abnormal 95th Percentile
		Year						Abnormally High Crashes per year			
		2013	2014	2015				90th percentile	95th percentile		
CRASH TYPE	Rear End	0	0	1	1	0.33	33.3%	0.00	0.00		
	Head On	0	0	0	0	0.00	0.0%	0.00	0.00		
	Angle	0	0	1	1	0.33	33.3%	0.00	0.00		
	Left Turn	0	0	0	0	0.00	0.0%	0.00	0.00		
	Right Turn	0	0	0	0	0.00	0.0%	0.00	0.00		
	Sideswipe	0	0	0	0	0.00	0.0%	0.00	0.00		
	Backed Into	0	0	0	0	0.00	0.0%	0.00	0.00		
	Coll. w/ Parked Car	0	0	0	0	0.00	0.0%	0.00	0.00		
	Coll. w/ Pedestrian	0	0	0	0	0.00	0.0%	0.00	0.00		
	Coll. w/ Bicycle	0	0	0	0	0.00	0.0%	0.00	0.00		
	Fixed Object	0	0	1	1	0.33	33.3%	0.00	0.00		
	Ran Off Road	0	0	0	0	0.00	0.0%	0.00	0.00		
	Overturned	0	0	0	0	0.00	0.0%	0.00	0.00		
	Other	0	0	0	0	0.00	0.0%	0.00	0.00		
	Total Crashes	0	0	3	3	1.00	100.0%	0.00	0.00		
SEVERITY	PDO Crashes	0	0	3	3	1.00	100.0%	0.00	0.00		
	Fatal Crashes	0	0	0	0	0.00	0.0%	0.00	0.00		
	Injury Crashes	0	0	0	0	0.00	0.0%	0.00	0.00		
LIGHTING CONDITIONS	Daylight	0	0	2	2	0.67	66.7%	0.00	0.00		
	Dusk	0	0	0	0	0.00	0.0%	0.00	0.00		
	Dawn	0	0	0	0	0.00	0.0%	0.00	0.00		
	Dark	0	0	1	1	0.33	33.3%	0.00	0.00		
	Unknown	0	0	0	0	0.00	0.0%	0.00	0.00		
SURFACE CONDITIONS	Dry	0	0	3	3	1.00	100.0%	0.00	0.00		
	Wet	0	0	0	0	0.00	0.0%	0.00	0.00		
	Others	0	0	0	0	0.00	0.0%	0.00	0.00		
MONTH OF YEAR	January	0	0	2	2	0.67	66.7%	0.00	0.00		
	February	0	0	0	0	0.00	0.0%	0.00	0.00		
	March	0	0	0	0	0.00	0.0%	0.00	0.00		
	April	0	0	0	0	0.00	0.0%	0.00	0.00		
	May	0	0	0	0	0.00	0.0%	0.00	0.00		
	June	0	0	0	0	0.00	0.0%	0.00	0.00		
	July	0	0	0	0	0.00	0.0%	0.00	0.00		
	August	0	0	0	0	0.00	0.0%	0.00	0.00		
	September	0	0	1	1	0.33	33.3%	0.00	0.00		
	October	0	0	0	0	0.00	0.0%	0.00	0.00		
	November	0	0	0	0	0.00	0.0%	0.00	0.00		
	December	0	0	0	0	0.00	0.0%	0.00	0.00		
DAY OF WEEK	Sunday	0	0	0	0	0.00	0.0%	0.00	0.00		
	Monday	0	0	0	0	0.00	0.0%	0.00	0.00		
	Tuesday	0	0	0	0	0.00	0.0%	0.00	0.00		
	Wednesday	0	0	1	1	0.33	33.3%	0.00	0.00		
	Thursday	0	0	2	2	0.67	66.7%	0.00	0.00		
	Friday	0	0	0	0	0.00	0.0%	0.00	0.00		
	Saturday	0	0	0	0	0.00	0.0%	0.00	0.00		
HOUR OF DAY	00:00-06:00	0	0	0	0	0.00	0.0%	0.00	0.00		
	06:00-09:00	0	0	0	0	0.00	0.0%	0.00	0.00		
	09:00-11:00	0	0	0	0	0.00	0.0%	0.00	0.00		
	11:00-13:00	0	0	2	2	0.67	66.7%	0.00	0.00		
	13:00-15:00	0	0	0	0	0.00	0.0%	0.00	0.00		
	15:00-18:00	0	0	0	0	0.00	0.0%	0.00	0.00		
	18:00-24:00	0	0	1	1	0.33	33.3%	0.00	0.00		

CRASH STATISTICS

SR 5 / US 1 AT EAST RIDGE RD, MM 86.8		Number of Crashes			3 Year Total Crashes	Mean Crashes Per Year	%
		Year					
		2013	2014	2015			
CONTRIBUTING CAUSES (VEHICLE ONLY)	No Contributing Action	0	0	0	0	0	0.0%
	Careless or Negligent Manner	0	0	1	1	0	33.3%
	Failed to Yield Right-Of-Way	0	0	0	0	0	0.0%
	Improper Backing	0	0	0	0	0	0.0%
	Improper Turn	0	0	1	1	0	33.3%
	Followed too Closely	0	0	0	0	0	0.0%
	Ran Red Light	0	0	0	0	0	0.0%
	Drove too Fast for Conditions	0	0	0	0	0	0.0%
	Ran Stop Sign	0	0	0	0	0	0.0%
	Improper Passing	0	0	0	0	0	0.0%
	Exceed Posted Speed	0	0	0	0	0	0.0%
	Wrong Side or Wrong Way	0	0	0	0	0	0.0%
	Failed To Keep In Proper Lane	0	0	0	0	0	0.0%
	Ran Off Roadway	0	0	1	1	0	33.3%
	Disregarded Other Traffic Sign	0	0	0	0	0	0.0%
	Disregarded other Road Markings	0	0	0	0	0	0.0%
	Over-Correcting/Over-Steering	0	0	0	0	0	0.0%
	Swerved Or Avoided	0	0	0	0	0	0.0%
	Erratic, Reckless or Aggressive	0	0	0	0	0	0.0%
Other Contributing Action	0	0	0	0	0	0.0%	

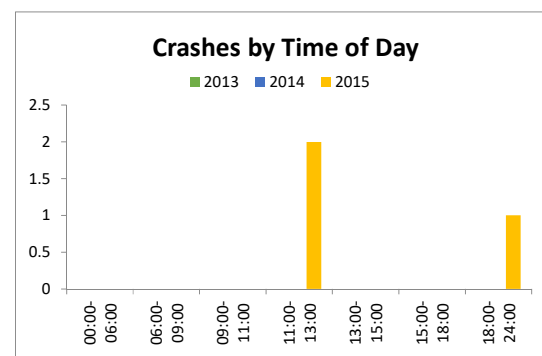
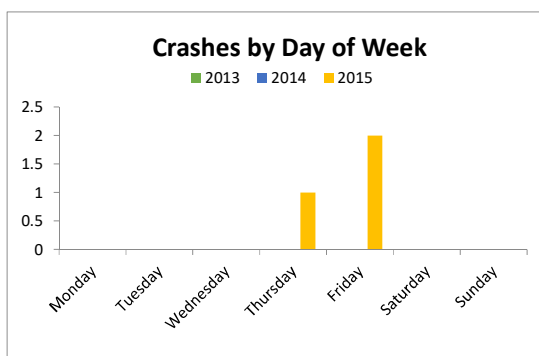
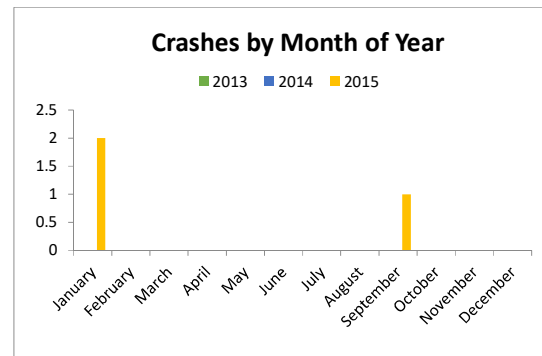
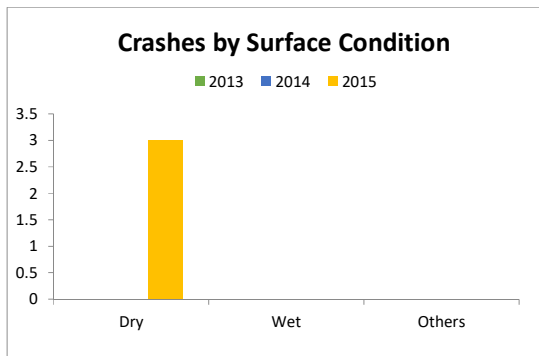
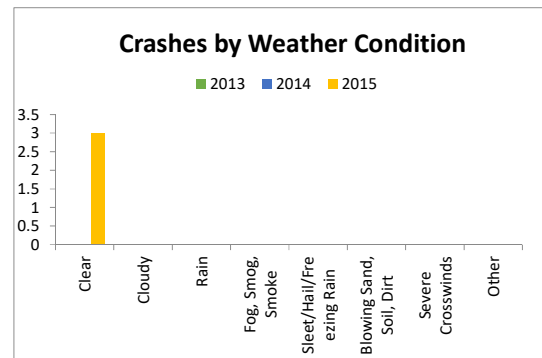
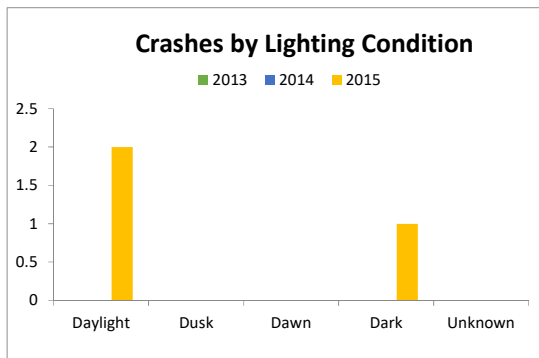
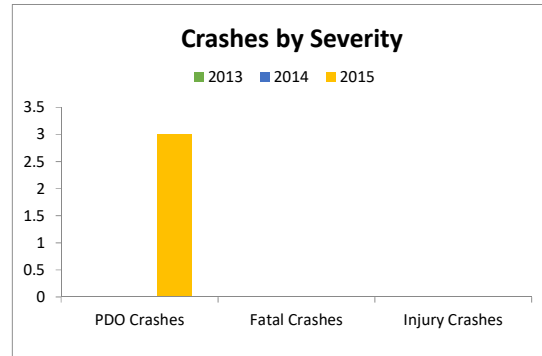
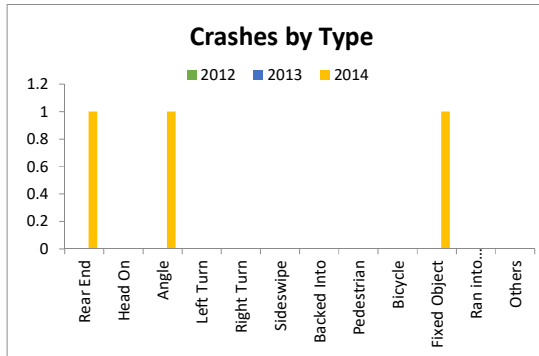
State of Florida Department of Transportation CRASH SUMMARY																
SECTION:		90060000										STATE ROUTE: 5				
ROADWAY LIMITS:		North and South of Intersection, Approx. 1,000 ft						M.P. 12.966		TO 13.155		ENGINEER: CHOICE				
STUDY PERIOD:		FROM 1/ 2015					TO 12/ 2015					COUNTY: Monroe				
Crash Number	No.	MILE POST	DATE	DAY	TIME	CRASH TYPE				FATAL	INJURIES	PROP DAM	DAY / NIGHT	WET / DRY	CONTRIBUTING CAUSE (VEHICLE ONLY)	
837991470	1	12.995	01/15/15	Thu	1220	Rear-End				0	0	1	Day	Dry	Careless or Negligent Manner	
827193610	2	13.089	01/02/15	Fri	1215	Angle				0	0	1	Day	Dry	Improper Turn	
848956870	3	13.146	09/11/15	Fri	2320	Tree (Standing)				0	0	1	Night	Dry	Ran Off Roadway	
	Total No.	Fatal	Injury	PDO	Rear-End	Head-On	Angle	Left-Turn	Right-Turn	Sideswipe	Backed Into	Ped/Bike	Parked Car	Fixed Object	Ran into Water	Other
	3	0	0	3	1	0	1	0	0	0	0	0	0	1	0	0
	Percent	0.00%	0.00%	100.00%	33.33%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%
	Contrib. Cause	Day	Night	Wet	Dry	Careless Driving	FTYRW	Improper Turn	Ran Red Light	Exceeded Speed	Improper Passing	Disreg Cntl Dev	Erratic/ Aggress	Ran off Road	DUI	Wrong Way
	Total	2	1	0	3	1	0	1	0	0	0	0	0	1	0	0
	Percent	66.67%	33.33%	0.00%	100.00%	33.33%	0.00%	33.33%	0.00%	0.00%	0.00%	0.00%	0.00%	33.33%	0.00%	0.00%
TOTAL ENTERING VEHICLES/ADT: 27,500										SEGMENT CRASH RATE: 1.581 CRASHES PER MILLION VEHICLE MILES						

Note: No crashes for years 2013 and 2014.



CRASH HISTOGRAMS

SR 5 / US 1 AT EAST RIDGE RD, MM 86.8



FLORIDA TRAFFIC CRASH REPORT

LONG FORM SHORT FORM UPDATE

HIGHWAY SAFETY & MOTOR VEHICLES,
TRAFFIC CRASH RECORDS
NEIL KIRKMAN BUILDING, TALLAHASSEE, FL 32399-0537

(Electronic Version)

Date of Crash 14/Oct/2016 12:17 PM	Time of Crash 14/Oct/2016 12:17 PM	Date of Report 07/Jun/2017 08:57 AM	Invest. Agency Report Number FHPE16OFF063266	HSMV Crash Report Number 85314007
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CRASH IDENTIFIERS

County Code 38	City Code 30	County of Crash MONROE	Place or City of Crash ISLAMORADA	Within City Limits Yes	Time Reported 14/Oct/2016 12:27 PM	Time Dispatched 14/Oct/2016 12:28 PM
Time on Scene 14/Oct/2016 12:33 PM	Time Cleared Scene 14/Oct/2016 02:31 PM	Completed Yes	Reason (if Investigation NOT Completed)			Notified By Law Enforcement

ROADWAY INFORMATION

Crash Occured On Street, Road, Highway US-1 (SR-5) NB MM87			At Street Address#	At Latitude 24.9604	and Longitude -80.567980000000006	
At Feet	Or Miles	Direction	From Intersection With Street, Road, Highway COUNTY ROAD 905			Or From Milepost #
Road System Identifier 2 U.S.		Type Of Shoulder 1 Paved	Type Of Intersection 2 Four-Way Intersection			

CRASH INFORMATION (Check if Pictures Taken)

Light Condition 1 Daylight	Weather Condition 1 Clear	Roadway Surface Condition 1 Dry	School Bus Related 1 No	Manner Of Collision 3 Angle		
First Harmful Event Type	First Harmful Event 14	First Harmful Event Location 1 On Roadway	Within Interchange No	First Harmful Event Relation to Junction 1 Non-Junction		
Contributing Circumstances: Road 1 None		Contributing Circumstances: Road		Contributing Circumstances: Road		
Contributing Circumstances: Environment 1 None		Contributing Circumstances: Environment		Contributing Circumstances: Environment		
Work Zone Related 1 No	Crash In Work Zone	Type Of Work Zone	Workers In Work Zone	Law Enforcement In Work Zone		

VEHICLE (Check if Commercial)

Vehicle 1	Motor Vehicle Type 1 Vehicle in Transport	Hit and Run 1 No	Veh License Number GSUC18	State FL	Reg. Expires 18/Jan/2017	Permanent Reg. No	VIN JNKCV54E95M421831		
Year 2005	Make INFI	Model G35	Style 2D	Color SIL	Extent of Damage Disabling	Est. Damage 10000	Towed Due To Damage Yes	Vehicle Removed By GUYS TOWING	Rotation Rotation
Insurance Company MGA INSURANCE COMPANY				Insurance Policy Number 12MGEP0202284					
Name of Vehicle Owner (Check Box If Business) AVILIO AGUIRRE PROENZA			Current Address (Number and Street) 17355 NW 18TH AVE			City and State MIAMI GARDENS FL		Zip Code 33056-4938	
Trailer One:	License Number	State	Reg. Expires	Permanent Reg.	VIN	Year	Make	Length	Axles
Trailer Two:	License Number	State	Reg. Expires	Permanent Reg.	VIN	Year	Make	Length	Axles
Vehicle Traveling: West	Direction	On Street, Road, Highway COUNTY ROAD 905				At Est. Speed 20	Posted Speed 30	Total Lanes 2	
CMV Configuration	Cargo Body Type		Area of Initial Impact			Most Damaged Area			
Comm GVWR/GCWR	Trailer Type (trailer one)		Trailer Type (trailer two)						
Haz. Mat. Release	Haz Mat. Placard	Number	Class						
Motor Carrier Name			US DOT Number						
Motor Carrier Address			City and State			Zip Code		Phone Number	
Comm/Non-Commercial	Vehicle Body Type 1 Passenger Car	Vehicle Defects (one) 1 None		Vehicle Defects (two)		Emergency Vehicle Use 1 No	Special Function of MV 1 No Special Function		
Vehicle Maneuver Action 3 Turning Left	Trafficway 1 Two-Way, Not Divided	Roadway Grade 1 Level	Roadway Alignment 1 Straight	Most Harmful Event 2 Collision with Non-Fixed Object		Most Harmful Event Detail 14 Motor Vehicle in Transport			
Traffic Control Device For This Vehicle 6 Stop Sign	First (1) Sequence of Events 2 Collision with Non-Fixed Object		Second (2) Sequence of Events		Third (3) Sequence of Events		Fourth (4) Sequence of Events		

VEHICLE (Check if Commercial)

Vehicle 2	Motor Vehicle Type 1 Vehicle in Transport	Hit and Run 1 No	Veh License Number N4182V	State FL	Reg. Expires 31/Dec/2016	Permanent Reg. No	VIN 1HTMMAAP75H678120		
Year 2005	Make INTL	Model 4300 DT466	Style TK	Color WHI	Extent of Damage Functional	Est. Damage 2000	Towed Due To Damage Yes	Vehicle Removed By GUYS TOWING	Rotation Rotation
Insurance Company SENTINEL INS CO				Insurance Policy Number 21 UEN QY88651					
Name of Vehicle Owner (Check Box If Business) JEFF GAUTIER LANDSCAPING INC			Current Address (Number and Street) 92329 OVERSEAS HIGHWAY			City and State TAVERNIER FL		Zip Code 33070-1426	
Trailer One:	License Number PTL16	State FL	Reg. Expires 06/30/2013 00:00	Permanent Reg. No	VIN 1VR2161VXB1002743	Year 2011	Make VERM	Length 10	Axles 1
Trailer Two:	License Number	State	Reg. Expires	Permanent Reg.	VIN	Year	Make	Length	Axles
Vehicle Traveling: North	Direction	On Street, Road, Highway US-1 (SR-5) NB MM87				At Est. Speed 45	Posted Speed 45	Total Lanes 3	
CMV Configuration	Cargo Body Type 15		Area of Initial Impact			Most Damaged Area			
Comm GVWR/GCWR 3 More than 26,000 lbs (11,793 kg)	Trailer Type (trailer one) Other, Explain in Narrative		Trailer Type (trailer two)						
Haz. Mat. Release 1	Haz Mat. Placard 1	Number	Class						
Motor Carrier Name PLANTATION TREE & LANDSCAPE			US DOT Number 1193354						
Motor Carrier Address 92329 OVERSEAS HIGHWAY			City and State TAVERNIER FL			Zip Code 33070		Phone Number	

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Comm/Non-Commercial 4	Vehicle Body Type 19 Other Light Trucks (10,000 lbs (4,536 kg) or less)	Vehicle Defects (one) 1 None	Vehicle Defects (two)	Emergency Vehicle Use 1 No	Special Function of MV 1 No Special Function
Vehicle Maneuver Action 1 Straight Ahead	Trafficway 2 Two-Way, Not Divided, with a Continuous Left Turn Lane	Roadway Grade 1 Level	Roadway Alignment 1 Straight	Most Harmful Event 2 Collision with Non-Fixed Object	Most Harmful Event Detail 14 Motor Vehicle in Transport
Traffic Control Device For This Vehicle 1 No Controls	First (1) Sequence of Events 2 Collision with Non-Fixed Object 14 Motor Vehicle in Transport	Second (2) Sequence of Events	Third (3) Sequence of Events	Fourth (4) Sequence of Events	

PERSON RECORD

Person# 2	Description 1 Driver	Vehicle # 1	Name AVILIO AGUIRRE PROENZA	Date of Birth 18/Jan/1964	Sex 1 Male	Phone Number	Re-Exam No	
Address 17355 NW 18TH AVE		City MIAMI GARDENS	State FL	Zip Code 33056				
Driver License Number A261000640180	State FL	Expires 09/Jun/2017	DL Type 5 E/Operator	Req. End. 2 No	Injury Severity 5 Fatal (within 30 days)	Ejection 1 Not Ejected		
Restraint System 3 Shoulder and Lap Belt Used	Air Bag Deployed 3 Deployed-Front	Helmet Use	Eye Protection 3 Not Applicable	Seating Location Seat 1 Left	Seating Location Row 1 Front	Seating Location Other		
Drivers Actions at Time of Crash (first) 3 Failed to Yield Right of Way		Drivers Actions at Time of Crash (second)		Driver Distracted By 1 Not Distracted		Vision Obstruction 1 Vision Not Obscured		
Drivers Actions at Time of Crash (third)		Drivers Actions at Time of Crash (fourth)		Drivers Condition at Time of Crash 1 Apparently Normal				
Suspected Alcohol Use 1 No	Alcohol Tested 1 Test Not Given	Alcohol Test Type	Alcohol Test Result	BAC	Suspected Drug Use 1 No	Drug Tested 1 Test Not Given	Drug Test Type	Drug Test Result
Source of Transport to Medical Facility 77 Other, Explain in Narrative		EMS Agency Name or ID		EMS Run Number	Medical Facility Transported To MEDICAL EXAMINERS OFFICE			

PERSON RECORD

Person# 4	Description 3 Passenger	Vehicle # 1	Name DANISH AVILIO AGUIRRE GARCIA	Date of Birth 08/Jul/1985	Sex 1 Male	Injury Severity 4 Incapacitating	Ejection 1 Not Ejected
Address 17355 NW 18TH AVE		City MIAMI GARDENS	State FL	Zip Code 33056			
Restraint System 3 Shoulder and Lap Belt Used	Air Bag Deployed 3 Deployed-Front	Helmet Use	Eye Protection 3 Not Applicable	Seating Location Seat 3	Seating Location Row 2	Seating Location Other	
Source of Transport to Medical Facility 2 EMS		EMS Agency Name or ID MONROE COUNTY FIRE		EMS Run Number LADDER 20	Medical Facility Transported To RYDER TRUAMA		

PERSON RECORD

Person# 3	Description 3 Passenger	Vehicle # 1	Name GLADYS PEREZ	Date of Birth 12/Jul/1964	Sex 2 Female	Injury Severity 5 Fatal (within 30 days)	Ejection 1 Not Ejected
Address 1101 NE 80TH ST APT 304		City MIAMI	State FL	Zip Code 33138			
Restraint System 3 Shoulder and Lap Belt Used	Air Bag Deployed 3 Deployed-Front	Helmet Use	Eye Protection 3 Not Applicable	Seating Location Seat 3	Seating Location Row 1	Seating Location Other	
Source of Transport to Medical Facility 77 Other, Explain in Narrative		EMS Agency Name or ID		EMS Run Number	Medical Facility Transported To MEDICAL EXAMINERS OFFICE		

PERSON RECORD

Person# 1	Description 1 Driver	Vehicle # 2	Name YAIMEL HERNANDEZ MASQUIEL	Date of Birth 04/Sep/1981	Sex 1 Male	Phone Number	Re-Exam No	
Address 172 BUTTONWOOD AVE		City KEY LARGO	State FL	Zip Code 33037				
Driver License Number H65960813240	State FL	Expires 04/Sep/2020	DL Type 5 E/Operator	Req. End. 2 No	Injury Severity 1 None	Ejection 1 Not Ejected		
Restraint System 3 Shoulder and Lap Belt Used	Air Bag Deployed 2 Not Deployed	Helmet Use	Eye Protection 3 Not Applicable	Seating Location Seat 1 Left	Seating Location Row 1 Front	Seating Location Other		
Drivers Actions at Time of Crash (first) 1 No Contributing Action		Drivers Actions at Time of Crash (second)		Driver Distracted By 1 Not Distracted		Vision Obstruction 1 Vision Not Obscured		
Drivers Actions at Time of Crash (third)		Drivers Actions at Time of Crash (fourth)		Drivers Condition at Time of Crash 1 Apparently Normal				
Suspected Alcohol Use 1 No	Alcohol Tested 3 Test Given	Alcohol Test Type 1 Blood	Alcohol Test Result 2 Completed	BAC 0.000	Suspected Drug Use 1 No	Drug Tested 3 Test Given	Drug Test Type 1 Blood	Drug Test Result 2 Negative
Source of Transport to Medical Facility 1 Not Transported		EMS Agency Name or ID		EMS Run Number	Medical Facility Transported To			

PERSON RECORD

Person# 5	Description 3 Passenger	Vehicle # 2	Name MILTON JESUS ZELAYA RAMIREZ	Date of Birth 11/May/1989	Sex 1 Male	Injury Severity 1 None	Ejection 1 Not Ejected
Address 210 BURTON DR		City TAVERNIER	State FL	Zip Code 33070			
Restraint System 3 Shoulder and Lap Belt Used	Air Bag Deployed 2 Not Deployed	Helmet Use	Eye Protection 3 Not Applicable	Seating Location Seat 3	Seating Location Row 1	Seating Location Other	
Source of Transport to Medical Facility 1 Not Transported		EMS Agency Name or ID		EMS Run Number	Medical Facility Transported To		

WITNESSES

Name OTTO JAVIER RAMOS CRUZ	Address 1409 PLANTATION CIR APT 408	City PLANT CITY	State FL	Zip Code 33566
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WITNESSES

Name CELIMAR RAMOS LOZADA	Address 19 SOMBRERO BLVD	City MARATHON	State FL	Zip Code 33050
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VIOLATIONS

Person# 1	Name YAIMEL HERNANDEZ MASQUIEL	Florida Statute Number 322.54 (1)	Charge NO/IMPROPER DRIVER LICENSE (DRIVING OUTSIDE OF CLASSIFICATIO	Citation A6A63CE
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14/Oct/2016 12:17 PM	07/Jun/2017 08:57 AM	FHPE16OFF063266	85314007
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Person#	Name	Florida Statute Number	Charge	Citation
1	YAIMEL HERNANDEZ MASQUIEL	316.215	DEFECTIVE LIGHTS/BRAKES/TIRES/ STEERING/DEFECTIVE OR NO MUFFL	A6A63DE

NARRATIVE

ID Number	Rank	Name	Troop / Post	Officer Agency	Phone Number	Date Created
3858	TROOPER	VILLANUEVA, MAURICIOE		FLORIDA HIGHWAY PATROL	305-470-2500	Oct 14, 2016

V01 was traveling west on County Road 905. V02 was traveling northbound on US-1 (SR-5). V02 had a wood chipper attached in the back. V01 attempted to cross US-1 but failed to yield right of way to oncoming traffic. V01 was then struck by V02 on the left side with the front of V02. Upon my arrival V01 was at final rest facing west in the northbound lane. V02 was at final rest facing north on the southbound shoulder.

Fatal: Avilio Aguirre Proenza Date of birth 01/18/1964 was pronounced deceased at 12:47pm by Paramedic Fire fighter Randall Lebron on scene. Notification of KIN made to Maria Rabassa, Mr. Aguirre Proenza sister on 10/14/2016 at 07:18pm. Notification made Trooper A. Deleon (3922) of the Florida Highway Patrol.

Fatal: Gladys Perez Date of birth 07/12/1964 was pronounced deceased at 12:47pm by Paramedic Fire fighter Ryan Kidd on scene. Notification of KIN made to Marlene Perez, Ms. Perez sister on 10/14/2016 at 09:20pm. Notification made Trooper A. Deleon (3922) of the Florida Highway Patrol.

Traffic Homicide Investigation Conducted by Corporal Cliff Fisher (955).

Photos were taken by Sargeant Pedro Reinoso (324).

Traffic Homicide Case Number is FHP 716-38-019.

ID Number	Rank	Name	Troop / Post	Officer Agency	Phone Number	Date Created
2559	CORPORAL	C. F. FISHER	E	FLORIDA HIGHWAY PATROL	305-470-2500	Nov 30, 2016

This Traffic Homicide Report is open and is Pending T.H.I. investigation.

ID Number	Rank	Name	Troop / Post	Officer Agency	Phone Number	Date Created
2559	CORPORAL	C. F. FISHER	E	FLORIDA HIGHWAY PATROL	305-470-2500	Dec 07, 2016

Doctor Thomas Beaver, Monroe County Medical Examiner, performed an autopsy on Mr. Avilio Aguirre Proenza and Ms. Gladys Perez; at the Office of the Medical Examiner located at 56639 Overseas Highway, Marathon, Florida 33050.

THE CAUSE OF DEATH: Pending at this time. A toxicological exam was conducted during normal autopsy procedures and a comprehensive drug screen are pending at this time. This report will be updated when the results are obtained. After reviewing all physical evidence there were non-criminal violations found, V-1 driver, Mr. Avilio Aguirre Proenza was in violation of Florida Statute 316.122 (1) (Vehicle turning left) which reads in part as follows: "The driver of a vehicle intending to turn left within an intersection or into an alley, private road, or driveway shall yield the right-of-way to any vehicle approaching from the opposite direction, or vehicles lawfully passing on the left of the turning vehicle, which is within the intersection or so close thereto as to constitute an immediate hazard."

After reviewing all physical evidence there were criminal violations found for V-2 driver, Mr. Yaimel Hernandez Masquiel was in violation of Florida Statute 322.54 (4)(a)

Classification.-

(1) Except as provided in s. 322.53, effective April 1, 1992, a person may not drive any motor vehicle not authorized by the classification of his or her driver's license.

(2) The department shall issue, pursuant to the requirements of this chapter, drivers' licenses in accordance with the following classifications:

(a) Any person who drives a motor vehicle combination having a gross vehicle weight rating of 26,001 pounds or more must possess a valid Class A driver's license, provided the gross vehicle weight rating of the vehicle being towed is more than 10,000 pounds. Any person who possesses a valid Class A driver's license may, subject to the appropriate restrictions and endorsements, drive any class of motor vehicle within this state.

4)(a) Except as provided in paragraph (b), any person who operates a commercial motor vehicle and who does not possess a valid commercial driver's license authorizing such operation is guilty of a misdemeanor of the first degree, punishable as provided in s. 775.082 or s. 775.083.

After reviewing post-crash inspection of V-2, there were non-criminal violations found, V-2 driver, Mr. Yaimel Hernandez Masquiel was in violation of Florida Statute 316.215 Scope and effect of regulations.-

(1) It is a violation of this chapter for any person to drive or move, or for the owner to cause or knowingly permit to be driven or moved, on any highway any vehicle, or combination of vehicles, which is in such unsafe condition as to endanger any person, which does not contain those parts or is not at all times equipped with such lamps and other equipment in proper condition and adjustment as required in this chapter, or which is equipped in any manner in violation of this chapter, or for any person to do any act forbidden, or fail to perform any act required, under this chapter.

By being in violation of the aforementioned Florida Statutes, Mr. Avilio Aguirre Proenza, ultimately caused this particular crash that resulted in the death of Ms. Gladys Perez and himself.

CASE CLOSING STATUS

Case Closed by Citations/Summons Issued:

14/Oct/2016 12:17 PM	07/Jun/2017 08:57 AM	FHPE16OFF063266	85314007
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REPORTING OFFICER

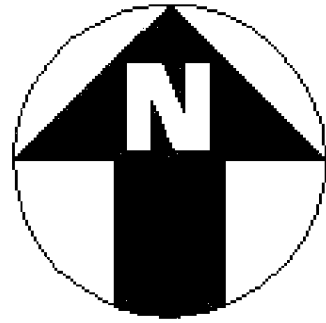
ID/Badge # 2559	Rank and Name CORPORAL C. F. FISHER	Department FLORIDA HIGHWAY PATROL	Type of Department FHP
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14/Oct/2016 12:17 PM	07/Jun/2017 08:57 AM	FHPE16OFF063266	85314007
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A.

B.

C.



NOT TO SCALE

- A. US-1 (SR-5) SOUTH
- B. CONTINUOUS TUR
- C. US-1 (SR-5) NORT



COUNTY ROAD 905

14/Oct/2016 12:17 PM	07/Jun/2017 08:57 AM	FHPE16OFF063266	85314007
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          CCCCCCCCCC      AAAAAAAAAA      RRRRRRRRRR
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       CCC             AAA      AAA      RRR      RRR
      CCC             AAA      AAA      RRR      RRR
     CCC             AAAAAAAAAA      RRRRRRRRRRRR
    CCC             AAAAAAAAAAAA      RRRRRRRRRRRRRR
   CCC             AAA      AAA      RRR      RRR
  CCC             AAA      AAA      RRR      RRR
 CCCCCCCCCC      AAA      AAA      RRR      RRRR
CCCCCCCCCCCC      AAA      AAA      RRR      RRRRRR
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C R A S H R E P O R T I N G S Y S T E M

N O T I C E: THE INFORMATION CONTAINED IN THIS DOCUMENT (REPORT, SCHEDULE, LIST, OR DATA) HAS BEEN COMPILED FROM INFORMATION COLLECTED FOR THE PURPOSE OF IDENTIFYING, EVALUATING, OR PLANNING SAFETY ENHANCEMENTS. THIS PRODUCT IDENTIFIES INFORMATION USED FOR THE PURPOSE OF DEVELOPING HIGHWAY SAFETY CONSTRUCTION IMPROVEMENT PROJECTS WHICH MAY BE IMPLEMENTED UTILIZING FEDERAL-AID HIGHWAY FUNDS. ANY DOCUMENT DISPLAYING THIS NOTICE SHALL BE USED ONLY FOR THOSE PURPOSES DEEMED APPROPRIATE BY THE FLORIDA DEPARTMENT OF TRANSPORTATION. SEE TITLE 23, UNITED STATES CODE, SECTION 409.

```
I/O NAME: ..... CARI122
PROGRAM ID: ..... CARPJ122
REPORT NUMBER: ..... 01
RUN CLASS: ..... A
MESSAGE CLASS: ..... Q
PRINTER DEST: ..... LOCAL
# COPIES: ..... 01
ACCOUNT #: ..... 5565945
SUBMIT W/HOLD? ..... N
USERID: ..... KNCHOEL
DETAIL SORT ORDER: ..... 1 - SORT BY ROADWAY, MILE POINT
PRINT SEGMENTS? ..... Y
PRINT INTERSECTIONS? ..... N
SUMMARY FORMAT: ..... 2 - TOP LINE ALL BREAKS
OVERRIDE VALUES:
MAX # OF BREAKS: ..... 06
CRASH RATE CATEGORY: ...
AVERAGE DAILY TRAFFIC:..
# OF LEGS: .....
```

REPORT...CARPJ122-01
DATE...10/09/2017
TIME...17:34:25

FLORIDA - DEPARTMENT OF TRANSPORTATION
C A R - CRASH ANALYSIS REPORTING SYSTEM
CRASH DATA (IN 2011 AND LATER) DETAIL FOR STATE-MAINTAINED ROADS

PAGE NO: 1
USERID: KNCHOEL
I/O.... CARO213

COMMENT:

1 - SORT BY ROADWAY, MILE POINT

FROM: 01/01/2013 TO 12/31/2015 RAMP INCL
FROM CO/SEC/SUB: 90 060 000 MP: 012.966 INFL INCL
TO CO/SEC/SUB: 90 060 000 MP: 013.155 CR/OS INCL

C	ROADWYID	M	N	S	ADT	Y	M	D	H	CRCC	A	H	MO	L	W	R	R	DL	R	A	V	V	VF	VM	VA	V	V	V	VN	VN	N	V	#	#	#				
R	N	C	S	S	I	EN	TR	VAR	E	O	A	O	RALA	L	AE	AF	IC	EC	D	OC	OO	O	C	1	1	1U	1A	1C	1A	2	2N	2N	2M	2M	M	2N			
A	U	O	E	E	L	AO	AO	EIA	A	N	Y	U	ATAT	C	RV	N	GO	AO	AO	TC	A	C		N	N	T	G		M	M					M	V	K	I	
S	M	U	C	SC	E	RD	TA	RLF	R	T		R	SESE		ME	NC	HN	TN	S	DN	A	D		D	B	SC	E	DI	DE	D	B	F	MP	AA	A	D	E	I	N
H	B	N	T	UT	P	EE	ED	AYF		H		H	SG	I	FN	EO	TD	HD	U	D	ST		L	I	OT	P	U	RO	R	I	OD	UL	NR	CC	C	RA	H	L	J
E		T	I	BI	O	S		G	I			O	N	UT	RL	IT	ET	R	T	II	S	N	R	DY	E	V	IN	I	R	DE	NO	VI	TT	T	AG	C	L	U	
R		Y	O	O	S	T		E	C			R	V	L	L	NN	RN	F	N	TO	D		YP	C	E	V	V	/S	CC	RO	1N	N	GE	L	E	R			
		N	N	T				Y		1		GS	S		S	EN	#	E		R	R	1	R		C	/	/R	/1	2	E	S	D	D						

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827193610	90060000	13.089	0368		5	027500	15	01	02	12	S-2DP	0	14	77	01	01	01	01	02	L	1	E	00	01	03		00	S	01	01	13	01		74	2	0	00		
848956870	90060000	13.146	0368		5	027500	15	09	11	23	S-2DP	0	32	77	05	01	01	01	01	01	L	S	N	16	01	01	26	18								1	0	00	

REPORT...CARPJ122-01
 DATE...10/09/2017
 TIME...17:34:25

FLORIDA - DEPARTMENT OF TRANSPORTATION
 C A R - CRASH ANALYSIS REPORTING SYSTEM
 CRASH DATA (IN 2011 AND LATER) DETAIL FOR STATE-MAINTAINED ROADS

PAGE NO: 2
 USERID: KNCHOEL
 I/O.... CARI122

COMMENT: 1 - SORT BY ROADWAY, MILE POINT
 FROM: 01/01/2013 TO 12/31/2015
 FROM CO/SEC/SUB: 90 060 000
 TO CO/SEC/SUB: 90 060 000
 MP: 012.966
 MP: 013.155
 RAMPS INCL
 INFL INCL
 CR/OS INCL

FOR YEAR	FATAL CRASH STATISTICS			INJURY CRASH STATS		PROPERTY DAMAGE ONLY	TOTALS			INFLUENCE CRASHES OCCURRING ON INTERSECTING RDWYS	
	CRASHES	FATALITIES	INJURIES	CRASHES	INJURIES	CRASHES	CRASHES	FATALITIES	INJURIES	AT INT.	INFL AREA
2015	0	0	0	0	0	3	3	0	0	0	0
TOTAL	0	0	0	0	0	3	3	0	0	0	0

N O T I C E: THE INFORMATION CONTAINED IN THIS DOCUMENT (REPORT, SCHEDULE, LIST, OR DATA) HAS BEEN COMPILED FROM INFORMATION COLLECTED FOR THE PURPOSE OF IDENTIFYING, EVALUATING, OR PLANNING SAFETY ENHANCEMENTS. THIS PRODUCT IDENTIFIES INFORMATION USED FOR THE PURPOSE OF DEVELOPING HIGHWAY SAFETY CONSTRUCTION IMPROVEMENT PROJECTS WHICH MAY BE IMPLEMENTED UTILIZING FEDERAL-AID HIGHWAY FUNDS. ANY DOCUMENT DISPLAYING THIS NOTICE SHALL BE USED ONLY FOR THOSE PURPOSES DEEMED APPROPRIATE BY THE FLORIDA DEPARTMENT OF TRANSPORTATION. SEE TITLE 23, UNITED STATES CODE, SECTION 409.

REPORT...CARPJ122-01
 DATE...10/09/2017
 TIME...17:34:25

FLORIDA - DEPARTMENT OF TRANSPORTATION
 C A R - CRASH ANALYSIS REPORTING SYSTEM
 CRASH DATA (IN 2011 AND LATER) DETAIL FOR STATE-MAINTAINED ROADS
 *** REPORT TOTALS ***

PAGE NO: 3
 USERID: KNCHOEL
 I/O.... CARI122

CUMULATIVE TOTALS FOR ALL LOCATIONS SUBMITTED - OVERLAPPING OR INTERSECTING LOCATIONS MAY RESULT IN CRASHES COUNTED MORE THAN ONCE

FOR YEAR	FATAL CRASH STATISTICS			INJURY CRASH STATS		PROPERTY DAMAGE ONLY	TOTALS			INFLUENCE CRASHES OCCURRING ON INTERSECTING RDWYS	
	CRASHES	FATALITIES	INJURIES	CRASHES	INJURIES	CRASHES	CRASHES	FATALITIES	INJURIES	AT INT.	INFL AREA
2015	0	0	0	0	0	3	3	0	0	0	0
TOTAL	0	0	0	0	0	3	3	0	0	0	0

N O T I C E: THE INFORMATION CONTAINED IN THIS DOCUMENT (REPORT, SCHEDULE, LIST, OR DATA) HAS BEEN COMPILED FROM INFORMATION COLLECTED FOR THE PURPOSE OF IDENTIFYING, EVALUATING, OR PLANNING SAFETY ENHANCEMENTS. THIS PRODUCT IDENTIFIES INFORMATION USED FOR THE PURPOSE OF DEVELOPING HIGHWAY SAFETY CONSTRUCTION IMPROVEMENT PROJECTS WHICH MAY BE IMPLEMENTED UTILIZING FEDERAL-AID HIGHWAY FUNDS. ANY DOCUMENT DISPLAYING THIS NOTICE SHALL BE USED ONLY FOR THOSE PURPOSES DEEMED APPROPRIATE BY THE FLORIDA DEPARTMENT OF TRANSPORTATION. SEE TITLE 23, UNITED STATES CODE, SECTION 409.

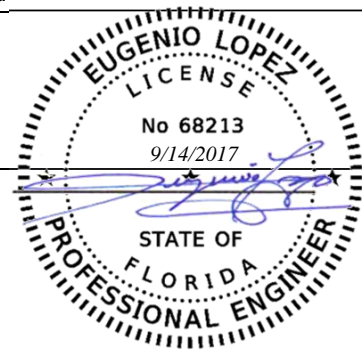
DISPOSITION OF FATAL CRASH

DATE RECEIVED	10/05/2016	DATE OF CRASH	01/02/2016	2016 - B10 No. 48	
SECTION	90060000	STATE ROAD	5	CRASH NUMBER	852404280
APPROX. MILEPOST	12.016	DATE INVESTIGATED	02/27/2016	DATE DISPOSED	

CRASH LOCATION DESCRIPTION **SR 5/US 1 at MM 85.8, 0.2 of a mile S of Venetian Boulevard**

INITIAL ACTION

- Obvious (crash description) roadway features not contributory
- Not part of significant increase in fatal crashes
- No action required



FIELD INVESTIGATED DATE _____ N/A _____

- Roadway feature not involved
- Minor corrections needed
 - Sent to Maintenance
 - Sent to Traffic Operations
 - Memo attached
- Crash Study initiated

Note: For this report, SR 5/US 1 is considered a north-south oriented roadway. South towards Key West and north towards Miami.

The following action is recommended:

Based on a review of the police report, the subject fatal crash was a Rear-End Collision that occurred on SR 5/US 1 at MM 85.8, approximately 1,060 feet south of Venetian Boulevard. The fatal crash occurred on Saturday, January 2, 2016, at 12:55 PM (daylight), under dry pavement and clear weather conditions. According to the police report, Vehicle 2 was traveling southbound on US 1 approaching the Snake Creek Bridge. Vehicle 1 was also traveling southbound on US 1 directly behind Vehicle 2. Vehicle 3 was traveling northbound on US 1 approaching the Snake Creek Bridge. Driver 2 stated that the traffic in front was reducing speed, so Driver 2 proceeded to reduce the vehicle speed. Driver 1 failed to reduce the vehicle speed and struck the left rear corner of Vehicle 2 with its front right corner. Vehicle 2 was still moving forward when impacted. Vehicle 1 continued traveling southbound and onto the northbound lane. Vehicle 1 and Vehicle 3 then struck each other in a head-on collision on top of the metal part of the drawbridge. Vehicle 1 and Vehicle 3 came to final rest at the point of impact still attached to each other. Vehicle 2 traveled a short distance and came to a controlled stop. Passenger 6 of Vehicle 1 died on the date of the crash. The police report indicated that Driver 1 was traveling at the 45 MPH posted speed limit and was not suspected to be under the influence of drugs and/or alcohol. Driver 1 was cited for careless driving. Driver 1 was from Tampa, Florida.

The crash data for the three most recent years (from January 2012 to December 2014) along SR 5/US 1 (90060000) from MP 11.915 to MP 12.116 was downloaded and summarized from FDOT's Crash Analysis Reporting System (CARS) on-line database. Based on a review of the crash data, a total of 12 crashes were documented within the study limits during the three-year period with 4 crashes in 2012, 5 crashes in 2013, and 3 crashes in 2014. There were 4 injury crashes (33%), 8 property damage only crashes (67%), and no fatal crashes. The calculated confidence levels for the three-year study period did not identify the study location as a high crash location for 2012 and 2014. Based on FDOT's 2012-2014 High Crash Lists for spots and segments, the study location is not considered a high crash location.

A collision diagram depicting the same and similar crash types to the subject fatal crash type is attached to this document. These crashes include rear-end collisions (10 crashes). All fatal crashes are also presented, if any. The following are the major findings: Ten of the 11 rear-end crashes, including the subject fatal crash occurred in the southbound direction near the bridge section. The crashes occurred as follows: 3 crashes between 7 AM and 10 AM, 1 crash at 12 PM, and 4 crashes between 3 PM and 5 PM.

Based on a review of Google Earth aerials/streetviews and 2016 FDOT Traffic Information, SR 5/US 1 is a undivided two lane urban principal arterial other (1 lane in each direction). US 1 has a 45 MPH posted speed limit. Within the study limits, US 1 is composed of the Snake Creek drawbridge. There are drawbridge signals and signs on both approaches of US 1 at the bridge. Per a review of streetview, the pavement markings within the bridge section are faded and worn-out. There is a merge condition in the southbound direction as approaching the bridge. Westbound motorists turning left from Venetian Boulevard (access to Truck Weight Station Facility) onto their own lane, must subsequently merge to the right before ~500 feet from the bridge.

Based on the information presented in this document, the following is recommended at the study location:

- Perform a daytime field review between 7 AM and 10 AM or 3 PM and 5 PM to assess the sight visibility to the traffic signal at the crest of the Snake Creek drawbridge and the probable causes for rear-end collisions along southbound US 1 approaching the traffic signal. In addition, evaluate the feasibility of installing a Signal Warning Sign supplemented with Prepare To Stop When Flashing plaque and 2 flashing beacons, as presented in Exhibit A. The sign assembly should be installed for southbound US 1 traffic at approximately 900 feet north of the Snake Creek drawbridge, behind the guardrail. The flashing beacons should be solar powered.
- Recap the stop bars on US 1 at the Snake Creek drawbridge signal.

Prepared By: Eugenio S. Lopez, P.E.	DATE:	9/14/2017
DISTRICT SAFETY ENGINEER (SIGNATURE)	DATE:	

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

EXHIBIT A

LOCATION ID	SR 5/US 1 at MM 85.8, 0.2 of a mile S of Venetian Boulevard				
COUNTY	Monroe		SECTION	90060000	
BEGIN MILEPOST	11.915	END MILEPOST	12.116	PREPARED BY	CHOICE



a)- Looking south along southbound SR 5/US 1, approximately 900 ft north from center of bridge (Image date: July 2015).



Consider installing sign assembly behind guardrail. Beacons should begin flashing with drawbridge signal. Beacons should be solar powered, which is not shown in exhibit. The assembly shown is presented as a sample and is currently installed on westbound NW 36 St approaching NW 72 Ave.

DISPOSITION OF FATAL CRASH

DISTRICT SIX INITIAL REVIEW

- | | |
|--|-----|
| <input checked="" type="checkbox"/> Relevant Studies/CTPs | N/A |
| <input checked="" type="checkbox"/> Relevant Programmed Projects | N/A |

 CRASH NARRATIVE

Based on a review of the police report, the subject fatal crash was a Rear-End collision that occurred on SR 5/US 1 approximately 1,056 feet south of Venetian Blvd. The fatal crash occurred on Saturday, January 2, 2016, at 12:55 PM (Daylight), under dry pavement and clear weather conditions. According to the police report, Vehicle 2 was traveling southbound on US 1 approaching the Snake Creek Bridge. Vehicle 1 was also traveling southbound on US 1 directly behind Vehicle 2. Vehicle 3 was traveling northbound on US 1 approaching the Snake Creek Bridge. Driver 2 stated that the traffic in front was reducing speed, so the driver proceeded to reduce its speed. Vehicle 1 failed to reduce its speed and struck the left rear corner of Vehicle 2 with its front right corner. Vehicle 2 was still moving forward when impacted. Vehicle 1 continued traveling southbound and onto the northbound lane. Vehicle 1 and Vehicle 3 then struck each other in a head-on collision on top of the metal part of the draw bridge. Vehicle 1 and Vehicle 3 came to final rest at the point of impact still attached to each other. Vehicle 2 traveled a short distance and came to a controlled stop. Passenger 6 of Vehicle 1 died on the date of the crash. The police report indicated that Driver 1 was traveling at the 45 MPH posted speed limit and was not suspected to be under the influence of drugs and/or alcohol. Driver 1 was cited for careless driving. Driver 1 was from Tampa, Florida.

 CRASH DATA REVIEW (Crash Summary Sheets Attached)

The crash data for the three most recent years (from January 2012 to December 2014) along SR 5/US 1 (90060000) from MP 11.915 to MP 12.116 was downloaded and summarized from FDOT's Crash Analysis Reporting System (CARS) on-line database. Based on a review of the crash data, a total of 12 crashes were documented within the study limits during the three-year period with 4 crashes in 2012, 5 crashes in 2013, and 3 crashes in 2014. There were 4 injury crashes (33%), 8 property damage only crashes (67%), and no fatal crashes. The calculated confidence levels for the three-year study period did not identify the study location as a high crash location for 2012 and 2014. Based on FDOT's 2012-2014 High Crash Lists for spots and segments, the study location is not considered a high crash location.

The three leading crash types at the study location were Rear-End with 10 crashes (83%), and Head-On and Other with 1 crash (8%) each. No Expected Value Analysis was performed, since there are no values available for roadway segments. The three leading contributing causes for all crashes included Careless or Negligent Manner with 83%, and Improper Passing and Failed to Keep in Proper Lane with 8% each.

There were 3 dark/dawn/dusk crashes (25%) reported which is lower than the 2012-2014 Districtwide average for all roadways of 29%. There was 1 crash (8%) reported that occurred under wet/slippery pavement roadway conditions which is lower than the 2012-2014 Districtwide average for all roadways of 16%.

A collision diagram depicting the same and similar crash types to the subject fatal crash type is attached to this document. These crashes include rear-end collisions (10 crashes). All fatal crashes are also presented, if any. The following are the major findings: Ten of the 11 rear-end crashes, including the subject fatal crash occurred in the southbound direction near the bridge section. The crashes occurred as follows: 3 crashes between 7 AM and 10 AM, 1 crash at 12 PM, and 4 crashes between 3 PM and 5 PM.

 OFFICE REVIEW OF FIELD CONDITIONS

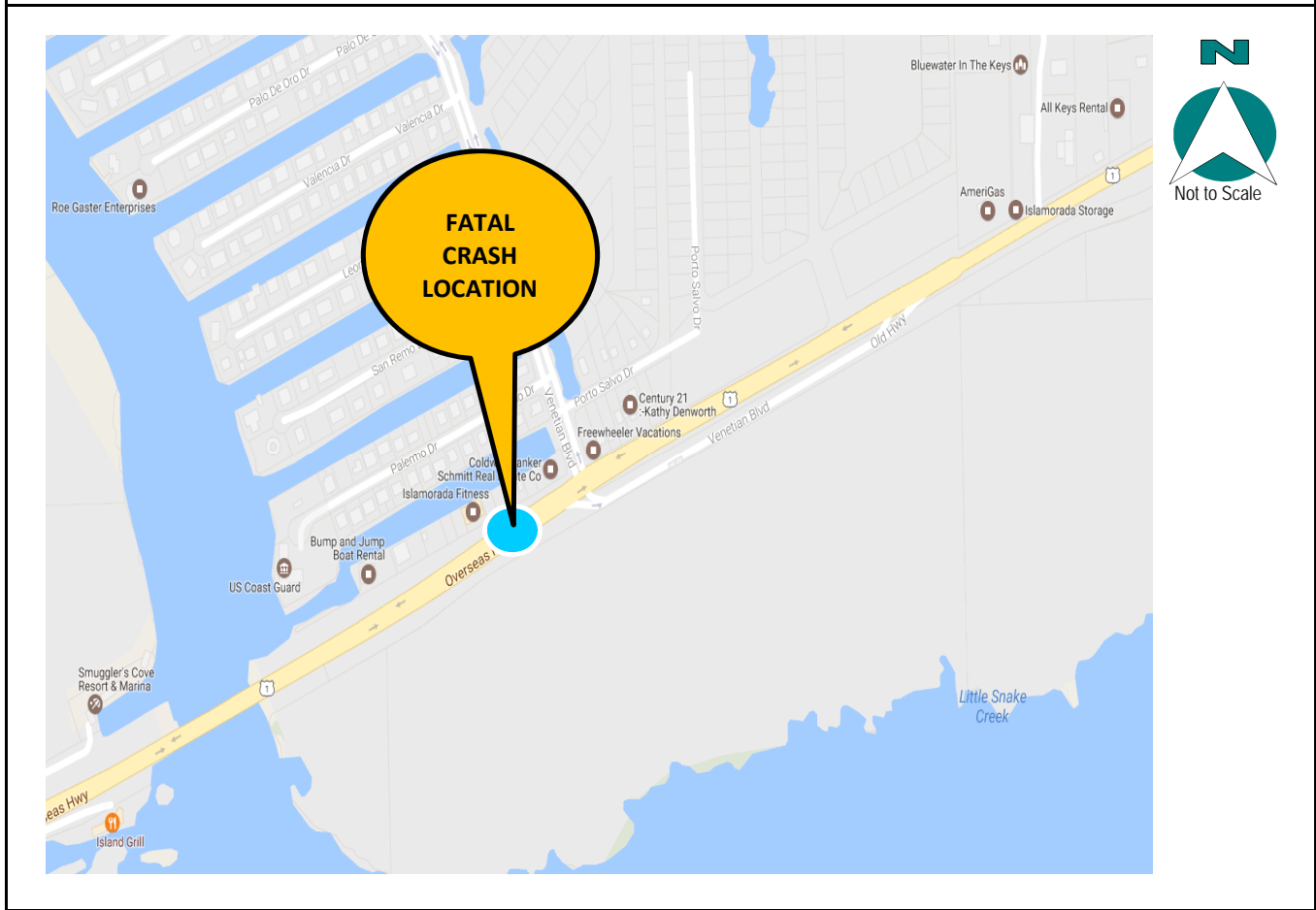
Based on a review of Google Earth aeriels/streetviews and 2016 FDOT Traffic Information, SR 5/US 1 is a undivided two lane urban principal arterial other (1 lane in each direction). US 1 has a 45 MPH posted speed limit. Within the study limits, US 1 is composed of the Snake Creek drawbridge. There are drawbridge signals and signs on both approaches of US 1 at the bridge. Per a review of streetview, the pavement markings within the bridge section are faded and worn-out. There is a merge condition in the southbound direction as approaching the bridge. Westbound motorists turning left from Venetian Boulevard (access to Truck Weight Station Facility) onto their own lane, must subsequently merge to the right before ~500 feet from the bridge.

- | | | |
|--|--|---|
| <input checked="" type="checkbox"/> No Curb/Gutter | <input type="checkbox"/> Crosswalk Markings (____) | <input checked="" type="checkbox"/> Traffic Signal Structure (drawbridge, mast-arm) |
| <input checked="" type="checkbox"/> Streetlights (westside) | <input type="checkbox"/> Sidewalk (____) | <input type="checkbox"/> Backplates |
| <input checked="" type="checkbox"/> Traffic Signs (fair condition) | <input type="checkbox"/> Bus Stops | <input type="checkbox"/> Internally Illuminated Streetsigns |
| <input type="checkbox"/> Pavement Deterioration (____) | <input checked="" type="checkbox"/> Bicycle Lane (east and west sides of the road) | <input type="checkbox"/> Pedestrian Signals |

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

LOCATION MAP

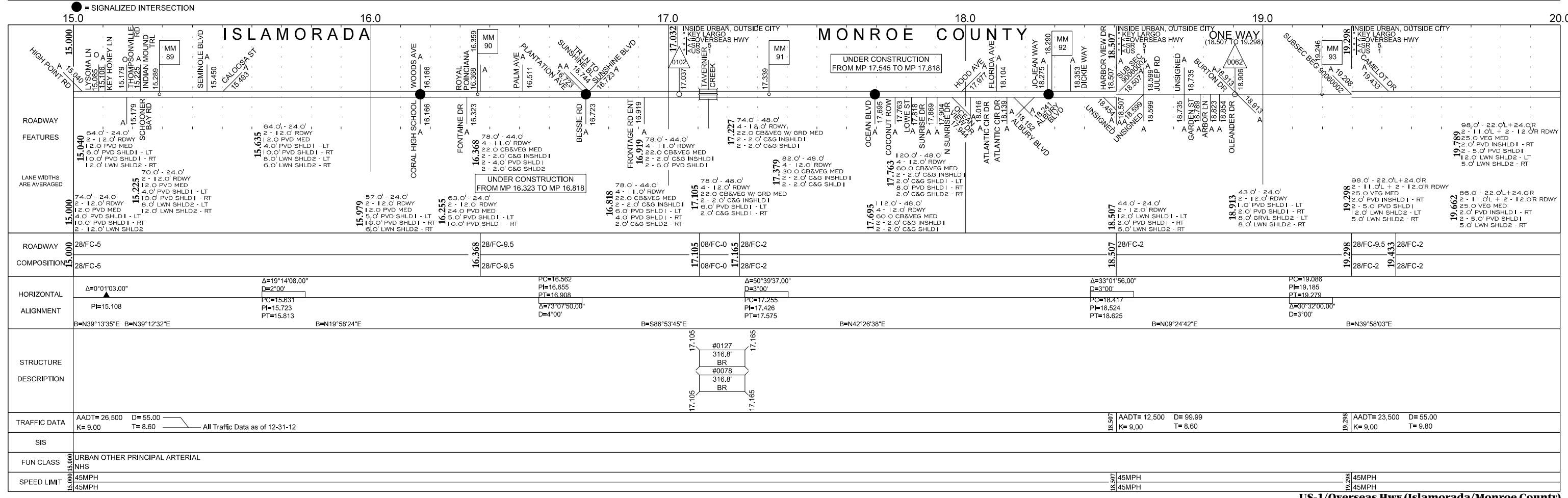
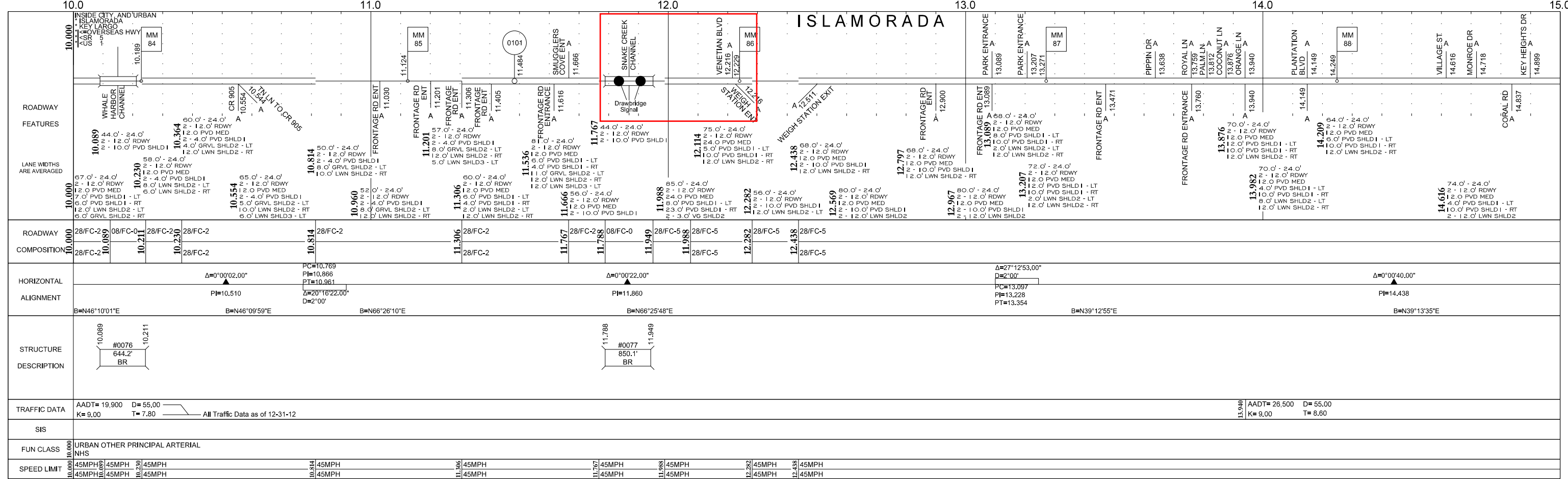
LOCATION ID	SR 5/US 1 at MM 85.8, 0.2 of a mile S of Venetian Boulevard				
COUNTY	Monroe		SECTION	90060000	
BEGIN MILEPOST	11.915	END MILEPOST	12.116	PREPARED BY	CHOICE



CRASH SUMMARY (3 YEAR TOTALS)

PDO	INJURY CRASHES	FATAL CRASHES	TOTAL	NIGHT CRASHES	WET CRASHES
8	4	0	12	3	1

FLORIDA DEPARTMENT OF TRANSPORTATION STRAIGHT LINE DIAGRAM OF ROAD INVENTORY



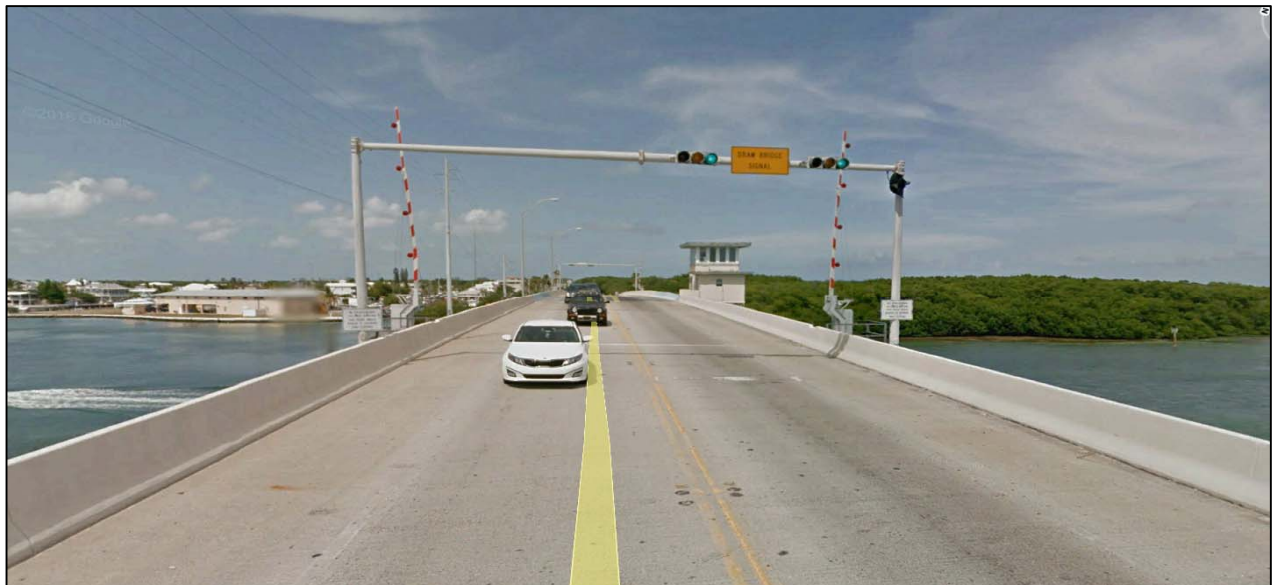
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

STREETVIEW IMAGES

LOCATION ID	SR 5/US 1 at MM 85.8, 0.2 of a mile S of Venetian Boulevard				
COUNTY	Monroe		SECTION	90060000	
BEGIN MILEPOST	11.915	END MILEPOST	12.116	PREPARED BY	CHOICE



b)- Looking south along southbound SR 5/US 1, approximate subject fatal crash location
(Image date: July 2015).



c)- Looking north along northbound SR 5/US 1, approximately 200 ft south of subject fatal crash location
(Image date: July 2015).

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

STREETVIEW IMAGES

LOCATION ID	SR 5/US 1 at MM 85.8, 0.2 of a mile S of Venetian Boulevard				
COUNTY	Monroe		SECTION	90060000	
BEGIN MILEPOST	11.915	END MILEPOST	12.116	PREPARED BY	CHOICE

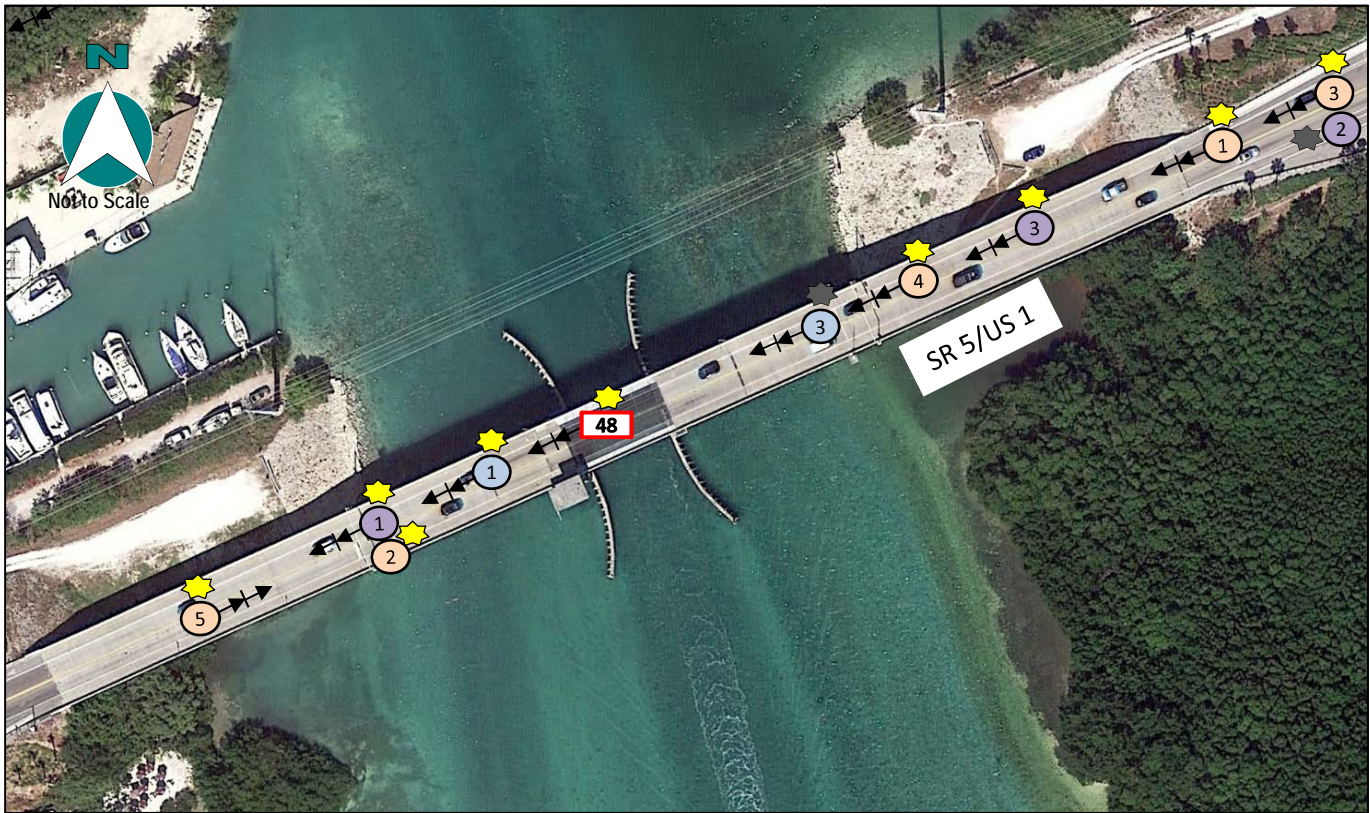


d)- Looking south along southbound SR 5/US 1, approximately 950 ft north from center of bridge
(Image date: July 2015).

COLLISION DIAGRAM

LOCATION ID	SR 5/US 1 at MM 85.8, 0.2 of a mile S of Venetian Boulevard				
COUNTY	Monroe		SECTION	90060000	
BEGIN MILEPOST	11.915	END MILEPOST	12.116	PREPARED BY	CHOICE

Note: 1)- Based on the subject fatal crash type, only rear-end crashes were plotted in the collision diagram. In addition, all fatal crashes are presented, regardless of their crash type. 2)- The police reports for all crashes plotted were reviewed and any miscoded data was corrected accordingly.



CRASH SUMMARY (3 YEAR TOTALS - ALL CRASHES); DOES NOT INCLUDE FATAL IN 2016

PDO	INJURY CRASHES	FATAL CRASHES	TOTAL	NIGHT CRASHES	WET CRASHES
8	4	0	12	3	1

COLLISION DIAGRAM ONLY (3 YEAR TOTALS); DOES NOT INCLUDE FATAL IN 2016

PDO	INJURY CRASHES	FATAL CRASHES	TOTAL	NIGHT CRASHES	WET CRASHES
6	4	0	10	2	1

LEGEND

Fatal Crash No. XX	Crash No. XX	Rear-End → →			
2012 Crash 	2013 Crash 	2014 Crash 			
Night Crash ★	Daylight Crash ★	Wk Zone Rel. ▲			
Subject Fatal Crash 					

LOCATION INFORMATION CONFIDENCE LEVEL COMPUTATIONS

Location:	SR 5/US 1		
State Section:	90060000	County: Monroe	
State Road:	5	District: 6	
Roadway Limits:	0.2 of a mile S of Venetian Blvd, MM 85.8		
Engineer:	CHOICE		
Area Type:	Urban		
Spot/Segment:	Segment		
Spot Type:	2-3 Lanes 2wy Undivided		
Begin Milepost:	11.915		
End Milepost:	12.116		
Begin Year:	2012		
End Year:	2014		
Number of Years:	3		

CRASH STATISTICS

Year	2012	2013	2014
Number of Crashes	4	5	3
Average Daily Traffic (ADT)	19,900	19,300	25,500
Actual Crash Rate (ACR)	2.740	3.531	1.604
District 6 Average Crash Rate (A)	8.264	8.721	5.539
Average Vehicle Exposure (M)	1.460	1.416	1.871
Critical Crash Rate (CCR)	15.751	16.535	10.935
Safety Ratio	0.174	0.214	0.147
Statistical Significance	-2.178	-1.949	-2.132
Confidence Level	1.4704%	2.5655%	1.6512%

ADT – Average Daily Traffic

ACR – Actual Crash Rate = No. of crashes in a year / Average Vehicle Exposure (M)

M – Average Vehicle Exposure (million vehicles or million vehicles miles) = $[(ADT * 365 * L) / 1,000,000]$

L = Length of the Segment for Segment Analysis, 1 for Spot Analysis

A – Average Crash Rate

CCR – Critical Crash Rate = $A + K * (\text{SQRT}[A/M]) - (1/[2 * M])$

(Ref: FDOT Highway Safety Improvement Program Guidelines)

K = 3.291 for Urban, 1.960 for Suburban, 1.645 for Rural

K = 3.291

Safety Ratio = ACR/CCR

Level of statistical significance = $(ACR - A + (1/2M))/\text{SQRT}(A/M)$

Confidence Level = Percent probability that the crash rate is abnormally high for the location under study,
using the district-wide average as a basis. CL Threshold = 99.95%

**FDOT DISTRICT 6
EXPECTED VALUES ANALYSIS**

SR 5/US 1 Segment/Spot with No Expected Values Available		Number of Crashes			3 Year Total Crashes	Mean Crashes Per Year	%	Expected Annual Crash Value		Abnormal 90th Percentile	Abnormal 95th Percentile
		Year						Abnormally High Crashes per year			
		2012	2013	2014				90th percentile	95th percentile		
CRASH TYPE	Rear End	2	5	3	10	3.33	83.3%	0.00	0.00		
	Head On	1	0	0	1	0.33	8.3%	0.00	0.00		
	Angle	0	0	0	0	0.00	0.0%	0.00	0.00		
	Left Turn	0	0	0	0	0.00	0.0%	0.00	0.00		
	Right Turn	0	0	0	0	0.00	0.0%	0.00	0.00		
	Sideswipe	0	0	0	0	0.00	0.0%	0.00	0.00		
	Backed Into	0	0	0	0	0.00	0.0%	0.00	0.00		
	Coll. w/ Parked Car	0	0	0	0	0.00	0.0%	0.00	0.00		
	Coll. w/ Pedestrian	0	0	0	0	0.00	0.0%	0.00	0.00		
	Coll. w/ Bicycle	0	0	0	0	0.00	0.0%	0.00	0.00		
	Fixed Object	0	0	0	0	0.00	0.0%	0.00	0.00		
	Ran Off Road	0	0	0	0	0.00	0.0%	0.00	0.00		
	Overturned	0	0	0	0	0.00	0.0%	0.00	0.00		
	Other	1	0	0	1	0.33	8.3%	0.00	0.00		
	Total Crashes	4	5	3	12	4.00	100.0%	0.00	0.00		
SEVERITY	PDO Crashes	3	3	2	8	2.67	66.7%	0.00	0.00		
	Fatal Crashes	0	0	0	0	0.00	0.0%	0.00	0.00		
	Injury Crashes	1	2	1	4	1.33	33.3%	0.00	0.00		
LIGHTING CONDITIONS	Daylight	2	5	2	9	3.00	75.0%	0.00	0.00		
	Dusk	0	0	0	0	0.00	0.0%	0.00	0.00		
	Dawn	0	0	0	0	0.00	0.0%	0.00	0.00		
	Dark	2	0	1	3	1.00	25.0%	0.00	0.00		
	Unknown	0	0	0	0	0.00	0.0%	0.00	0.00		
SURFACE CONDITIONS	Dry	4	5	2	11	3.67	91.7%	0.00	0.00		
	Wet	0	0	1	1	0.33	8.3%	0.00	0.00		
	Others	0	0	0	0	0.00	0.0%	0.00	0.00		
MONTH OF YEAR	January	1	0	1	2	0.67	16.7%	0.00	0.00		
	February	0	0	0	0	0.00	0.0%	0.00	0.00		
	March	0	2	0	2	0.67	16.7%	0.00	0.00		
	April	0	1	0	1	0.33	8.3%	0.00	0.00		
	May	0	0	0	0	0.00	0.0%	0.00	0.00		
	June	0	0	0	0	0.00	0.0%	0.00	0.00		
	July	0	0	0	0	0.00	0.0%	0.00	0.00		
	August	0	0	1	1	0.33	8.3%	0.00	0.00		
	September	0	1	0	1	0.33	8.3%	0.00	0.00		
	October	2	1	0	3	1.00	25.0%	0.00	0.00		
	November	1	0	1	2	0.67	16.7%	0.00	0.00		
	December	0	0	0	0	0.00	0.0%	0.00	0.00		
DAY OF WEEK	Sunday	1	0	2	3	1.00	25.0%	0.00	0.00		
	Monday	1	0	0	1	0.33	8.3%	0.00	0.00		
	Tuesday	0	0	0	0	0.00	0.0%	0.00	0.00		
	Wednesday	0	0	0	0	0.00	0.0%	0.00	0.00		
	Thursday	1	2	0	3	1.00	25.0%	0.00	0.00		
	Friday	0	2	1	3	1.00	25.0%	0.00	0.00		
	Saturday	1	1	0	2	0.67	16.7%	0.00	0.00		
HOUR OF DAY	00:00-06:00	1	0	0	1	0.33	8.3%	0.00	0.00		
	06:00-09:00	1	0	1	2	0.67	16.7%	0.00	0.00		
	09:00-11:00	0	1	0	1	0.33	8.3%	0.00	0.00		
	11:00-13:00	0	1	0	1	0.33	8.3%	0.00	0.00		
	13:00-15:00	1	3	0	4	1.33	33.3%	0.00	0.00		
	15:00-18:00	0	0	2	2	0.67	16.7%	0.00	0.00		
	18:00-24:00	1	0	0	1	0.33	8.3%	0.00	0.00		

**State of Florida Department of Transportation
CRASH SUMMARY**

SECTION: 90060000 STATE ROUTE: 5
ROADWAY LIMITS: 0.2 of a mile S of Venetian Blvd, MM 85.8 M.P. 11.915 TO 12.116 ENGINEER: CHOICE
STUDY PERIOD: FROM 1/ 2012 TO 12/ 2012 COUNTY: Monroe

No.	MILE POST	DATE	DAY	TIME	CRASH TYPE			FATAL	INJURIES	PROP DAM	DAY / NIGHT	WET / DRY	CONTRIBUTING CAUSE (VEHICLE ONLY)		
1	11.948	01/20/12	Fri	1450	Rear-End			0	0	1	Day	Dry	Careless or Negligent Manner		
2	12.016	10/28/12	Sun	0355	Head-On			0	1	0	Night	Dry	Improper Lane Change		
3	12.016	11/26/12	Mon	0800	Rear-End			0	0	1	Day	Dry	Improper Lane Change		
4	12.116	10/30/12	Tue	2104	Not Coded			0	0	1	Night	Dry	Improper Turn		
4	0	1	3	2	1	0	0	0	0	0	0	0	0	0	1
Percent	0.00%	25.00%	75.00%	50.00%	25.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%
Contrib. Cause	Day	Night	Wet	Dry	Careless Driving	FTYRW	Improper Turn	Ran Red Light	Exceeded Speed	Improper Passing	Disreg Cntl Dev	Erratic/Aggress	Ran off Road	DUI	Wrong Way
Total	2	2	0	4	2	0	0	0	0	1	0	0	0	1	0
Percent	50.00%	50.00%	0.00%	100.00%	50.00%	0.00%	0.00%	0.00%	0.00%	25.00%	0.00%	0.00%	0.00%	25.00%	0.00%
TOTAL ENTERING VEHICLES/ADT: 19,900								SEGMENT CRASH RATE: 2.740 CRASHES PER MILLION VEHICLE MILES							

**State of Florida Department of Transportation
CRASH SUMMARY**

SECTION: 90060000 STATE ROUTE: 5
ROADWAY LIMITS: 0.2 of a mile S of Venetian Blvd, MM 85.8 M.P. 11.915 TO 12.116 ENGINEER: CHOICE
STUDY PERIOD: FROM 1/ 2013 TO 12/ 2013 COUNTY: Monroe

No.	MILE POST	DATE	DAY	TIME	CRASH TYPE			FATAL	INJURIES	PROP DAM	DAY / NIGHT	WET / DRY	CONTRIBUTING CAUSE (VEHICLE ONLY)		
1	11.966	04/26/13	Fri	1455	Rear-End			0	1	0	Day	Dry	Improper Lane Change		
2	11.966	10/12/13	Sat	1200	Rear-End			0	2	0	Day	Dry	Careless or Negligent Manner		
3	12.016	03/29/13	Fri	1005	Rear-End			0	0	1	Day	Dry	Careless or Negligent Manner		
4	12.016	03/31/13	Sun	1330	Rear-End			0	0	1	Day	Dry	Careless or Negligent Manner		
5	12.016	09/28/13	Sat	1340	Rear-End			0	0	1	Day	Dry	Careless or Negligent Manner		
Total No.	Fatal	Injury	PDO	Rear-End	Head-On	Angle	Left-Turn	Right-Turn	Sideswipe	Backed Into	Ped/Bike	Parked Car	Fixed Object	Ran into Water	Other
5	0	2	3	5	0	0	0	0	0	0	0	0	0	0	0
Percent	0.00%	40.00%	60.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Contrib. Cause	Day	Night	Wet	Dry	Careless Driving	FTYRW	Improper Turn	Ran Red Light	Exceeded Speed	Improper Passing	Disreg Cntl Dev	Erratic/Aggress	Ran off Road	DUI	Wrong Way
Total	5	0	0	5	5	0	0	0	0	0	0	0	0	0	0
Percent	100.00%	0.00%	0.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL ENTERING VEHICLES/ADT: 19,300								SEGMENT CRASH RATE: 3.531 CRASHES PER MILLION VEHICLE MILES							

**State of Florida Department of Transportation
CRASH SUMMARY**

SECTION: 90060000 STATE ROUTE: 5
ROADWAY LIMITS: 0.2 of a mile S of Venetian Blvd, MM 85.8 M.P. 11.915 TO 12.116 ENGINEER: CHOICE
STUDY PERIOD: FROM 1/ 2014 TO 12/ 2014 COUNTY: Monroe

No.	MILE POST	DATE	DAY	TIME	CRASH TYPE			FATAL	INJURIES	PROP DAM	DAY / NIGHT	WET / DRY	CONTRIBUTING CAUSE (VEHICLE ONLY)		
1	11.916	01/06/14	Mon	0730	Rear-End			0	2	0	Day	Wet	Improper Lane Change		
2	12.066	11/24/14	Mon	1715	Rear-End			0	0	1	Night	Dry	Careless or Negligent Manner		
3	12.083	08/30/14	Sat	1627	Rear-End			0	0	1	Day	Dry	Careless or Negligent Manner		
Total No.	Fatal	Injury	PDO	Rear-End	Head-On	Angle	Left-Turn	Right-Turn	Sideswipe	Backed Into	Ped/Bike	Parked Car	Fixed Object	Ran into Water	Other
3	0	1	2	3	0	0	0	0	0	0	0	0	0	0	0
Percent	0.00%	33.33%	66.67%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Contrib. Cause	Day	Night	Wet	Dry	Careless Driving	FTYRW	Improper Turn	Ran Red Light	Exceeded Speed	Improper Passing	Disreg Cntl Dev	Erratic/Aggress	Ran off Road	DUI	Wrong Way
Total	2	1	1	2	3	0	0	0	0	0	0	0	0	0	0
Percent	66.67%	33.33%	33.33%	66.67%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL ENTERING VEHICLES/ADT: 25,500								SEGMENT CRASH RATE: 1.604 CRASHES PER MILLION VEHICLE MILES							

FLORIDA TRAFFIC CRASH REPORT

HIGHWAY SAFETY & MOTOR VEHICLES,
TRAFFIC CRASH RECORDS

LONG FORM SHORT FORM UPDATE

NEIL KIRKMAN BUILDING, TALLAHASSEE, FL 32399-0537

(Electronic Version)

Date of Crash 02/Jan/2016 12:55 PM	Time of Crash 02/Jan/2016 12:55 PM	Date of Report 27/Feb/2016 10:25 PM	Invest. Agency Report Number FHPE16OFF000233	HSMV Crash Report Number 85240428
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CRASH IDENTIFIERS

County Code 38	City Code 30	County of Crash MONROE	Place or City of Crash ISLAMORADA	Within City Limits Yes	Time Reported 02/Jan/2016 01:02 PM	Time Dispatched 02/Jan/2016 01:04 PM
Time on Scene 02/Jan/2016 01:27 PM	Time Cleared Scene 02/Jan/2016 03:13 PM	Completed Yes	Reason (if Investigation NOT Completed)			Notified By Law Enforcement

ROADWAY INFORMATION

Crash Occured On Street, Road, Highway US-1 (STATE ROAD 5)			At Street Address# 1	At Latitude 24.9521802552044	and Longitude -80.587701257318301
At Feet	Or Miles .20	Direction South	From Intersection With Street, Road, Highway VENETIAN BLVD		Or From Milepost #
Road System Identifier 2 U.S.		Type Of Shoulder 1 Paved		Type Of Intersection 1 Not at Intersection	

CRASH INFORMATION (Check if Pictures Taken)

Light Condition 1 Daylight	Weather Condition 1 Clear	Roadway Surface Condition 1 Dry	School Bus Related 1 No	Manner Of Collision 2 Front to Front
First Harmful Event Type	First Harmful Event 14	First Harmful Event Location 1 On Roadway	Within Interchange No	First Harmful Event Relation to Junction 1 Non-Junction
Contributing Circumstances: Road 1 None		Contributing Circumstances: Road		Contributing Circumstances: Road
Contributing Circumstances: Environment 1 None		Contributing Circumstances: Environment		Contributing Circumstances: Environment
Work Zone Related 1 No	Crash In Work Zone	Type Of Work Zone	Workers In Work Zone	Law Enforcement In Work Zone

VEHICLE (Check if Commercial)

Vehicle 3	Motor Vehicle Type 1 Vehicle in Transport	Hit and Run 1 No	Veh License Number EDJR16	State FL	Reg. Expires 13/Oct/2016	Permanent Reg. No	VIN 1GNKRGED2BJ396164				
Year 2011	Make CHEV	Model TRAVERSE	Style UT	Color SIL	Extent of Damage Disabling	Est. Damage 10000	Towed Due To Damage No	Vehicle Removed By	Rotation		
Insurance Company GEICO				Insurance Policy Number 4146402542							
Name of Vehicle Owner (Check Box If Business) CHARLETTE MARIE GLASSBY WASHINGTON <input type="checkbox"/>			Current Address (Number and Street) 3817 AUSTRALIAN CT			City and State WEST PALM BEACH FL		Zip Code 33407-3911			
Trailer One:	License Number	State	Reg. Expires	Permanent Reg.	VIN	Year	Make	Length	Axles		
Trailer Two:	License Number	State	Reg. Expires	Permanent Reg.	VIN	Year	Make	Length	Axles		
Vehicle Traveling:	Direction North	On Street, Road, Highway US-1 AT 85.8 MM				At Est. Speed 40	Posted Speed 45	Total Lanes 2			
CMV Configuration			Cargo Body Type			Area of Initial Impact			Most Damaged Area		
Comm GVWR/GCWR			Trailer Type (trailer one)			Trailer Type (trailer two)					
Haz. Mat. Release	Haz Mat. Placard	Number		Class							
Motor Carrier Name				US DOT Number							
Motor Carrier Address				City and State			Zip Code		Phone Number		
Comm/Non-Commercial	Vehicle Body Type 16 (Sport) Utility Vehicle	Vehicle Defects (one) 1 None		Vehicle Defects (two)		Emergency Vehicle Use 1 No		Special Function of MV 1 No Special Function			
Vehicle Maneuver Action 1 Straight Ahead	Trafficway 1 Two-Way, Not Divided	Roadway Grade 1 Level		Roadway Alignment 1 Straight		Most Harmful Event 2 Collision with Non-Fixed Object		Most Harmful Event Detail 14 Motor Vehicle in Transport			
Traffic Control Device For This Vehicle 1 No Controls	First (1) Sequence of Events 2 Collision with Non-Fixed Object		Second (2) Sequence of Events		Third (3) Sequence of Events		Fourth (4) Sequence of Events				
		14 Motor Vehicle in Transport									

VEHICLE (Check if Commercial)

Vehicle 1	Motor Vehicle Type 1 Vehicle in Transport	Hit and Run 1 No	Veh License Number 195KMX	State FL	Reg. Expires 11/Mar/2016	Permanent Reg. No	VIN YV1612FS3D1226734		
Year 2013	Make VOLV	Model S60	Style 4D	Color BLK	Extent of Damage Disabling	Est. Damage 15000	Towed Due To Damage Yes	Vehicle Removed By WHEATONS TOWING	Rotation Rotation
Insurance Company GEICO				Insurance Policy Number 0367951209					

Name of Vehicle Owner (Check Box If Business) <input type="checkbox"/>				Current Address (Number and Street)				City and State		Zip Code		
WILLIAM ROGER ANTONELLO				3140 SW 139TH TER				DAVIE FL		33330-0000		
Trailer One:	License Number	State	Reg. Expires	Permanent Reg.	VIN	Year	Make	Length	Axles			
Trailer Two:	License Number	State	Reg. Expires	Permanent Reg.	VIN	Year	Make	Length	Axles			
Vehicle Traveling:	Direction	On Street, Road, Highway					At Est. Speed	Posted Speed	Total Lanes			
	South	US-1 AT 85.8 MM					40	45	2			
CMV Configuration			Cargo Body Type			Area of Initial Impact			Most Damaged Area			
Comm GVWR/GCWR			Trailer Type (trailer one)		Trailer Type (trailer two)							
Haz. Mat. Release		Haz Mat. Placard		Number		Class		18. Undercarriage			18. Undercarriage	
								19. Overturn			19. Overturn	
								20. Windshield			20. Windshield	
								21. Trailer			21. Trailer	
Motor Carrier Name				US DOT Number								
Motor Carrier Address				City and State				Zip Code		Phone Number		
Comm/Non-Commercial	Vehicle Body Type		Vehicle Defects (one)		Vehicle Defects (two)		Emergency Vehicle Use		Special Function of MV			
	1 Passenger Car		1 None				1 No		1 No Special Function			
Vehicle Maneuver Action		Trafficway		Roadway Grade		Roadway Alignment		Most Harmful Event		Most Harmful Event Detail		
1 Straight Ahead		1 Two-Way, Not Divided		1 Level		1 Straight		2 Collision with Non-Fixed Object		14 Motor Vehicle in Transport		
Traffic Control Device For This Vehicle		First (1) Sequence of Events		Second (2) Sequence of Events		Third (3) Sequence of Events		Fourth (4) Sequence of Events				
1 No Controls		2 Collision with Non-Fixed Object		14 Motor Vehicle in Transport								

VEHICLE (Check if Commercial)

Vehicle	Motor Vehicle Type		Hit and Run		Veh License Number		State	Reg. Expires	Permanent Reg.	VIN		
2	1 Vehicle in Transport		1 No		783TAH		FL	17/Nov/2016	No	1FMZU63E55UB99967		
Year	Make	Model	Style	Color	Extent of Damage		Est. Damage	Towed Due To Damage		Vehicle Removed By	Rotation	
2005	FORD	EXPLORER	UT	BLK	Functional		1500	Yes		WHEATONS TOWING	Rotation	
Insurance Company					Insurance Policy Number							
GEICO					4374193599							
Name of Vehicle Owner (Check Box If Business) <input type="checkbox"/>				Current Address (Number and Street)				City and State		Zip Code		
ROBERTA GIRARDELLI				1227 SW 3 AVE APT 410				MIAMI FL		33130-4271		
Trailer One:	License Number	State	Reg. Expires	Permanent Reg.	VIN	Year	Make	Length	Axles			
Trailer Two:	License Number	State	Reg. Expires	Permanent Reg.	VIN	Year	Make	Length	Axles			
Vehicle Traveling:	Direction	On Street, Road, Highway					At Est. Speed	Posted Speed	Total Lanes			
	South	US-1 AT 85.8 MM					25	45	2			
CMV Configuration			Cargo Body Type			Area of Initial Impact			Most Damaged Area			
Comm GVWR/GCWR			Trailer Type (trailer one)		Trailer Type (trailer two)							
Haz. Mat. Release		Haz Mat. Placard		Number		Class		18. Undercarriage			18. Undercarriage	
								19. Overturn			19. Overturn	
								20. Windshield			20. Windshield	
								21. Trailer			21. Trailer	
Motor Carrier Name				US DOT Number								
Motor Carrier Address				City and State				Zip Code		Phone Number		
Comm/Non-Commercial	Vehicle Body Type		Vehicle Defects (one)		Vehicle Defects (two)		Emergency Vehicle Use		Special Function of MV			
	16 (Sport) Utility Vehicle		1 None				1 No		1 No Special Function			
Vehicle Maneuver Action		Trafficway		Roadway Grade		Roadway Alignment		Most Harmful Event		Most Harmful Event Detail		
13 Stopped in Traffic		1 Two-Way, Not Divided		1 Level		1 Straight		2 Collision with Non-Fixed Object		14 Motor Vehicle in Transport		
Traffic Control Device For This Vehicle		First (1) Sequence of Events		Second (2) Sequence of Events		Third (3) Sequence of Events		Fourth (4) Sequence of Events				
1 No Controls		2 Collision with Non-Fixed Object		14 Motor Vehicle in Transport								

PERSON RECORD

Person#	Description	Vehicle #	Name			Date of Birth	Sex	Phone Number	Re-Exam
1	1 Driver	1	KRISTEN LEE ANTONELLO			03/Dec/1985	2 Female	9542958538	No
Address		City		State		Zip Code			
820 NORMANDY TRACE RD		TAMPA		FL		33602			
Driver License Number		State	Expires	DL Type	Req. End.	Injury Severity		Ejection	
A535512859430		FL	03/Dec/2019	5 E/Operator	3 No Req Endorsement	3 Non-incapacitating		1 Not Ejected	
Restraint System		Air Bag Deployed		Helmet Use		Eye Protection		Seating Location Seat	
3 Shoulder and Lap Belt Used		3 Deployed-Front				3 Not Applicable		1 Left	
								Seating Location Row	
								1 Front	
								Seating Location Other	

Drivers Actions at Time of Crash (first) 2 Operated MV in Careless or Negligent Manner		Drivers Actions at Time of Crash (second)			Driver Distracted By 1 Not Distracted		Vision Obstruction 1 Vision Not Obscured	
Drivers Actions at Time of Crash (third)				Drivers Actions at Time of Crash (fourth)		Drivers Condition at Time of Crash 1 Apparently Normal		
Suspected Alcohol Use 1 No	Alcohol Tested 3 Test Given	Alcohol Test Type 1 Blood	Alcohol Test Result 2 Completed	BAC 0.000	Suspected Drug Use 1 No	Drug Tested 3 Test Given	Drug Test Type 1 Blood	Drug Test Result 2 Negative
Source of Transport to Medical Facility 2 EMS		EMS Agency Name or ID ISLAMORADA FIRE RESC		EMS Run Number ISLAMORADA		Medical Facility Transported To RYDER TRAUMA		

PERSON RECORD

Person# 4	Description 3 Passenger	Vehicle # 1	Name WILLIAM ROGER ANTONELLO		Date of Birth 11/Mar/1957	Sex 1 Male	Injury Severity 3 Non-incapacitating	Ejection 1 Not Ejected
Address 3140 SW 139TH TER			City DAVIE			State FL	Zip Code 33330	
Restraint System 3 Shoulder and Lap Belt Used	Air Bag Deployed 3 Deployed-Front	Helmet Use	Eye Protection 3 Not Applicable	Seating Location Seat 3	Seating Location Row 1	Seating Location Other		
Source of Transport to Medical Facility 2 EMS		EMS Agency Name or ID ISLAMORADA FIRE RESC		EMS Run Number ISLAMORADA		Medical Facility Transported To KENDALL REGIONAL		

PERSON RECORD

Person# 5	Description 3 Passenger	Vehicle # 1	Name BRENT W ANTONELLO		Date of Birth 25/Aug/1989	Sex 1 Male	Injury Severity 3 Non-incapacitating	Ejection 1 Not Ejected
Address 1301 N HOLLYWOOD WAY			City BURBANK			State CA	Zip Code 91505	
Restraint System 3 Shoulder and Lap Belt Used	Air Bag Deployed 4 Deployed-Side	Helmet Use	Eye Protection 3 Not Applicable	Seating Location Seat 1	Seating Location Row 2	Seating Location Other		
Source of Transport to Medical Facility 2 EMS		EMS Agency Name or ID ISLAMORADA FIRE RESC		EMS Run Number ISLAMORADA		Medical Facility Transported To MARINERS HOSPITAL		

PERSON RECORD

Person# 6	Description 3 Passenger	Vehicle # 1	Name DEBRA CAMPBELL ANTONELLO		Date of Birth 31/Jul/1957	Sex 2 Female	Injury Severity 5 Fatal (within 30 days)	Ejection 1 Not Ejected
Address 3140 SW 139TH TER			City DAVIE			State FL	Zip Code 33330	
Restraint System 2 None Used -Motor Vehicle Occupant	Air Bag Deployed 4 Deployed-Side	Helmet Use	Eye Protection 3 Not Applicable	Seating Location Seat 3	Seating Location Row 2	Seating Location Other		
Source of Transport to Medical Facility 2 EMS		EMS Agency Name or ID ISLAMORADA FIRE RESC		EMS Run Number ISLAMORADA		Medical Facility Transported To MARINERS HOSPITAL		

PERSON RECORD

Person# 2	Description 1 Driver	Vehicle # 2	Name ROBERTA GIRARDELLI		Date of Birth 17/Nov/1974	Sex 2 Female	Phone Number	Re-Exam No
Address 1227 SW 3 AVE APT 410		City MIAMI		State FL		Zip Code 33130		
Driver License Number G663720749170	State FL	Expires 17/Nov/2021	DL Type 5 E/Operator	Req. End. 3 No Req Endorsement	Injury Severity 1 None	Ejection 1 Not Ejected		
Restraint System 3 Shoulder and Lap Belt Used	Air Bag Deployed 2 Not Deployed	Helmet Use	Eye Protection 3 Not Applicable	Seating Location Seat 1 Left	Seating Location Row 1 Front	Seating Location Other		
Drivers Actions at Time of Crash (first) 1 No Contributing Action		Drivers Actions at Time of Crash (second)			Driver Distracted By 1 Not Distracted		Vision Obstruction 1 Vision Not Obscured	
Drivers Actions at Time of Crash (third)				Drivers Actions at Time of Crash (fourth)		Drivers Condition at Time of Crash 1 Apparently Normal		
Suspected Alcohol Use 1 No	Alcohol Tested 1 Test Not Given	Alcohol Test Type	Alcohol Test Result	BAC	Suspected Drug Use 1 No	Drug Tested 1 Test Not Given	Drug Test Type	Drug Test Result
Source of Transport to Medical Facility 1 Not Transported		EMS Agency Name or ID		EMS Run Number		Medical Facility Transported To		

PERSON RECORD

Person# 7	Description 3 Passenger	Vehicle # 2	Name IOSIANE M CARVAGA		Date of Birth 04/Apr/1971	Sex 2 Female	Injury Severity 1 None	Ejection 1 Not Ejected
Address VIALE MARCONI 12D			City DALMINE BERGAMO ITALY			State FF	Zip Code 00000	
Restraint System 3 Shoulder and Lap Belt Used	Air Bag Deployed 2 Not Deployed	Helmet Use	Eye Protection 3 Not Applicable	Seating Location Seat 3	Seating Location Row 1	Seating Location Other		

Source of Transport to Medical Facility 1 Not Transported	EMS Agency Name or ID	EMS Run Number	Medical Facility Transported To
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PERSON RECORD

Person# 10	Description 3 Passenger	Vehicle # 2	Name LUCIO FORONI	Date of Birth 09/Jul/1962	Sex 1 Male	Injury Severity 1 None	Ejection 1 Not Ejected
Address VIA PADRE LAZZARONI 4			City DALMINE BERGAMO ITALY			State FF	Zip Code 00000
Restraint System 3 Shoulder and Lap Belt Used	Air Bag Deployed 1 Not Applicable	Helmet Use	Eye Protection 3 Not Applicable	Seating Location Seat 3	Seating Location Row 2	Seating Location Other	
Source of Transport to Medical Facility 1 Not Transported	EMS Agency Name or ID	EMS Run Number	Medical Facility Transported To				

PERSON RECORD

Person# 8	Description 3 Passenger	Vehicle # 2	Name PAOLO G FORONI	Date of Birth 04/Apr/1967	Sex 1 Male	Injury Severity 1 None	Ejection 1 Not Ejected
Address VIALE MARCONI 12D			City DALMINE BERGAMO			State FF	Zip Code 00000
Restraint System 3 Shoulder and Lap Belt Used	Air Bag Deployed 1 Not Applicable	Helmet Use	Eye Protection 3 Not Applicable	Seating Location Seat 1	Seating Location Row 2	Seating Location Other	
Source of Transport to Medical Facility 1 Not Transported	EMS Agency Name or ID	EMS Run Number	Medical Facility Transported To				

PERSON RECORD

Person# 9	Description 3 Passenger	Vehicle # 2	Name CARLOTTA FORONI	Date of Birth 20/Sep/1997	Sex 2 Female	Injury Severity 1 None	Ejection 1 Not Ejected
Address VIALE MARCONI 12D			City DALMINE BERGAMO ITALY			State FF	Zip Code 00000
Restraint System 3 Shoulder and Lap Belt Used	Air Bag Deployed 1 Not Applicable	Helmet Use	Eye Protection 3 Not Applicable	Seating Location Seat 2	Seating Location Row 2	Seating Location Other	
Source of Transport to Medical Facility 1 Not Transported	EMS Agency Name or ID	EMS Run Number	Medical Facility Transported To				

PERSON RECORD

Person# 3	Description 1 Driver	Vehicle # 3	Name STANFORD J DASHER	Date of Birth 20/Sep/1971	Sex 1 Male	Phone Number	Re-Exam No	
Address 145 MAPLEHURST DR		City FOLKSTON		State GA		Zip Code 31537		
Driver License Number 036576439	State GA	Expires 20/Sep/2023	DL Type 5 E/Operator	Req. End. 3 No Req Endorsement	Injury Severity 3 Non-incapacitating	Ejection 1 Not Ejected		
Restraint System 4 Shoulder Belt Only Used	Air Bag Deployed 3 Deployed-Front	Helmet Use	Eye Protection 3 Not Applicable	Seating Location Seat 1 Left	Seating Location Row 1 Front	Seating Location Other		
Drivers Actions at Time of Crash (first) 1 No Contributing Action		Drivers Actions at Time of Crash (second)			Driver Distracted By 1 Not Distracted	Vision Obstruction 1 Vision Not Obscured		
Drivers Actions at Time of Crash (third)		Drivers Actions at Time of Crash (fourth)			Drivers Condition at Time of Crash 1 Apparently Normal			
Suspected Alcohol Use 1 No	Alcohol Tested 2 Test Refused	Alcohol Test Type	Alcohol Test Result	BAC	Suspected Drug Use 1 No	Drug Tested 2 Test Refused	Drug Test Type	Drug Test Result
Source of Transport to Medical Facility 2 EMS	EMS Agency Name or ID ISLAMORADA FIRE RESC	EMS Run Number ISLAMORADA	Medical Facility Transported To MARINERS HOSPITAL					

PERSON RECORD

Person# 15	Description 3 Passenger	Vehicle # 3	Name MAURICE SIMS	Date of Birth 09/Mar/1986	Sex 1 Male	Injury Severity 3 Non-incapacitating	Ejection 1 Not Ejected
Address 375 MLK DR			City FOLKSTON			State GA	Zip Code 31537
Restraint System 3 Shoulder and Lap Belt Used	Air Bag Deployed 4 Deployed-Side	Helmet Use	Eye Protection 3 Not Applicable	Seating Location Seat 3	Seating Location Row 3	Seating Location Other	
Source of Transport to Medical Facility 2 EMS	EMS Agency Name or ID ISLAMORADA FIRE RESC	EMS Run Number ISLAMORADA	Medical Facility Transported To MARINERS HOSPITAL				

PERSON RECORD

Person# 11	Description 3 Passenger	Vehicle # 3	Name FELICIA D DASHER	Date of Birth 09/Apr/1972	Sex 2 Female	Injury Severity 3 Non-incapacitating	Ejection 1 Not Ejected
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Address 145 MAPLEHURST DR		City FOLKSTON		State GA	Zip Code 31537	
Restraint System 3 Shoulder and Lap Belt Used	Air Bag Deployed 3 Deployed-Front	Helmet Use	Eye Protection 3 Not Applicable	Seating Location Seat 3	Seating Location Row 1	Seating Location Other
Source of Transport to Medical Facility 2 EMS		EMS Agency Name or ID ISLAMORADA FIRE RESC		EMS Run Number ISLAMORADA		Medical Facility Transported To MARINERS HOSPITAL

PERSON RECORD

Person# 13	Description 3 Passenger	Vehicle # 3	Name SAMMIE WASHINGTON	Date of Birth 26/Aug/1981	Sex 1 Male	Injury Severity 3 Non-incapacitating	Ejection 1 Not Ejected
Address 3817 AUSTRALIAN CT		City WPB		State FL	Zip Code 33407		
Restraint System 3 Shoulder and Lap Belt Used	Air Bag Deployed 4 Deployed-Side	Helmet Use	Eye Protection 3 Not Applicable	Seating Location Seat 3	Seating Location Row 2	Seating Location Other	
Source of Transport to Medical Facility 2 EMS		EMS Agency Name or ID ISLAMORADA FIRE RESC		EMS Run Number ISLAMORADA		Medical Facility Transported To MARINERS HOSPITAL	

PERSON RECORD

Person# 12	Description 3 Passenger	Vehicle # 3	Name CHARLETTE MARIE GLASSBY WASHINGTON	Date of Birth 13/Oct/1980	Sex 2 Female	Injury Severity 3 Non-incapacitating	Ejection 1 Not Ejected
Address 3817 AUSTRALIAN CT		City WEST PALM BEACH		State FL	Zip Code 33407		
Restraint System 3 Shoulder and Lap Belt Used	Air Bag Deployed 4 Deployed-Side	Helmet Use	Eye Protection 3 Not Applicable	Seating Location Seat 1	Seating Location Row 2	Seating Location Other	
Source of Transport to Medical Facility 2 EMS		EMS Agency Name or ID ISLAMORADA FIRE RESC		EMS Run Number ISLAMORADA		Medical Facility Transported To MARINERS HOSPITAL	

PERSON RECORD

Person# 14	Description 3 Passenger	Vehicle # 3	Name LATORYA NASHAE SIMS	Date of Birth 31/Jan/1988	Sex 2 Female	Injury Severity 3 Non-incapacitating	Ejection 1 Not Ejected
Address 426 KINLAW RD		City WOODBINE		State GA	Zip Code 31569		
Restraint System 3 Shoulder and Lap Belt Used	Air Bag Deployed 4 Deployed-Side	Helmet Use	Eye Protection 3 Not Applicable	Seating Location Seat 1	Seating Location Row 3	Seating Location Other	
Source of Transport to Medical Facility 2 EMS		EMS Agency Name or ID ISLAMORADA FIRE RESC		EMS Run Number ISLAMORADA		Medical Facility Transported To MARINERS HOSPITAL	

WITNESSES

Name ADREIN ANTHONY PAUL BOCQUET	Address 344 RTE MENTAXURI ST PIERRE D	City IRUBE FRANCE	State FF	Zip Code 64990
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WITNESSES

Name CARLOS HERNANDEZ	Address 8321 SW 157TH AVE APT 805	City MIAMI	State FL	Zip Code 33193
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VIOLATIONS

Person# 1	Name KRISTEN LEE ANTONELLO	Florida Statute Number 316.1925(1)	Charge CARELESS DRIVING	Citation A510TJE
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NARRATIVE

Date of Crash 02/Jan/2016 12:55 PM	Date of Report 02/Jan/2016 12:55 PM	Invest. Agency Report Number FHPE16OFF000233	SMASH Report Number 85240428
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ID Number	Rank	Name	Troop / Post	Officer Agency	Phone Number	Date Created
2518	TROOPER	J.C. CARRILLO	E	FLORIDA HIGHWAY PATROL	305-470-2500	Jan 02, 2016

V-2 was traveling south on US-1 and approaching the Snake Creek Bridge at the 85.8 Mile Marker. V-1 was traveling south and directly behind V-2. V-3 was traveling north on US-1 and approaching the Snake Creek Bridge. D-2 stated that the traffic in front was reducing speed, so she proceeded to reduce speed. V-1 failed to reduce its speed and drove to the left and struck the left rear corner of V-2 with its front right corner. V-2 was still moving forward when impacted. V-1 continued traveling south and onto the northbound lane. V-1 and V-3 then struck each other in a head on collision on top of the metal part of the draw bridge. V-1 and V-3 came to final rest at the point of impact still attached to each other. V-2 traveled a short distance and came to a controlled stop.

Debra Campbell Antonello, date of birth of 07/31/1957, was pronounced deceased at 2:00 PM on 01/02/2016. She was pronounced by Dr. Miguel Diaz at Mariner's Hospital.

Notification of kin was made to William Roger Antonello, husband of Debra Campbell Antonello, on 01/02/2016 at 2:50 PM. Notification was made by Dr. Miguel Diaz at Mariner's Hospital.

On scene photographs were Trooper Julio Carrillo (2518/930).

Scene measurements were taken on 01/03/2016 at 7:20 AM by Corporal David N. Riso (2088/844).

Traffic Homicide Investigation conducted by Corporal David N. Riso (2088/844).

Traffic Homicide case number is FHP716-38-001.

ID Number	Rank	Name	Troop / Post	Officer Agency	Phone Number	Date Created
2518	TROOPER	J.C. CARRILLO	E	FLORIDA HIGHWAY PATROL	305-470-2500	Feb 09, 2016

Pending THI Investigation.

ID Number	Rank	Name	Troop / Post	Officer Agency	Phone Number	Date Created
2088	CORPORAL	D. N. RISO	E	FLORIDA HIGHWAY PATROL	305-470-2500	Feb 23, 2016

Charges and information were updated for D-1.

This case is closed.

REPORTING OFFICER

ID/Badge # 2088	Rank and Name CORPORAL D. N. RISO	Department FLORIDA HIGHWAY PATROL	Type of Department FHP
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US-1
Southbound Lane

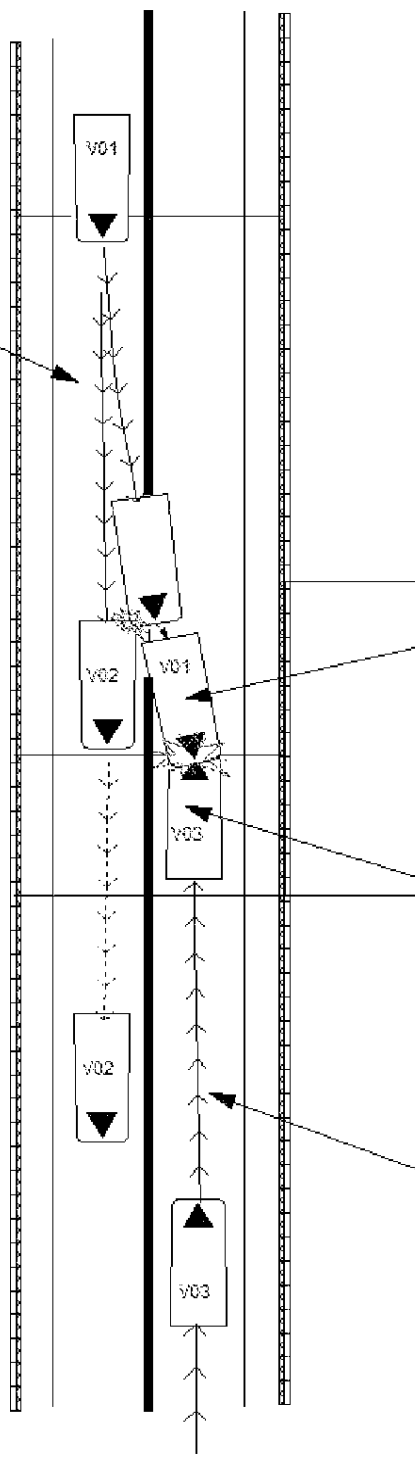


Not To Scale

V-1
Final Rest

V-3
Final Rest

US-1
Northbound Lane





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          CCCCCCCCCC      AAAAAAAAAA      RRRRRRRRRR
        CCCCCCCCCC      AAAAAAAAAAAA      RRRRRRRRRRRR
       CCC             AAA      AAA      RRR      RRR
      CCC             AAA      AAA      RRR      RRR
     CCC             AAAAAAAAAA      RRRRRRRRRRRR
    CCC             AAAAAAAAAAAA      RRRRRRRRRRRRRR
   CCC             AAA      AAA      RRR      RRR
  CCC             AAA      AAA      RRR      RRR
 CCCCCCCCCC      AAA      AAA      RRR      RRRR
CCCCCCCCCCCC      AAA      AAA      RRR      RRRRRR
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C R A S H R E P O R T I N G S Y S T E M

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```
I/O NAME: ..... CARI122
PROGRAM ID: ..... CARPJ122
REPORT NUMBER: ..... 01
RUN CLASS: ..... A
MESSAGE CLASS: ..... Q
PRINTER DEST: ..... LOCAL
# COPIES: ..... 01
ACCOUNT #: ..... 5565945
SUBMIT W/HOLD? ..... N
USERID: ..... KNCHOEL
DETAIL SORT ORDER: ..... 1 - SORT BY ROADWAY, MILE POINT
PRINT SEGMENTS? ..... Y
PRINT INTERSECTIONS? ..... N
SUMMARY FORMAT: ..... 2 - TOP LINE ALL BREAKS
OVERRIDE VALUES:
MAX # OF BREAKS: ..... 06
CRASH RATE CATEGORY: ...
AVERAGE DAILY TRAFFIC:..
# OF LEGS: .....
```

REPORT...CARPJ122-01
DATE...01/05/2017
TIME...08:57:42

FLORIDA - DEPARTMENT OF TRANSPORTATION
C A R - CRASH ANALYSIS REPORTING SYSTEM
CRASH DATA (IN 2011 AND LATER) DETAIL FOR STATE-MAINTAINED ROADS

PAGE NO: 1
USERID: KNCHOEL
I/O.... CARO213

COMMENT:

1 - SORT BY ROADWAY, MILE POINT

FROM: 01/01/2012 TO 12/31/2014 RAMP INCL
FROM CO/SEC/SUB: 90 060 000 MP: 011.915 INFL INCL
TO CO/SEC/SUB: 90 060 000 MP: 012.116 CR/OS INCL

C	ROADWYID	M	N	S	ADT	Y	M	D	H	CRCC	A	H	MO	L	W	R	R	DL	R	A	V	V	VF	VM	VA	V	V	V	VN	VN	N	V	#	#	#			
R	N	C	S	S	I	EN	TR	VAR	E	O	A	O	RALA	L	AE	AF	IC	EC	D	OC	OO	O	C	1	1	1U	1A	1C	1A	2	2N	2N	2M	2M	M	2N		
A	U	O	E	E	L	AO	AO	EIA	A	N	Y	U	ATAT	C	RV	N	GO	AO	AO	TC	A	C	N	N	T	G	M	M							M	V	K	I
S	M	U	C	SC	E	RD	TA	RLF	R	T	R	SESE	ME	NC	HN	TN	S	DN	A	D	D	B	SC	E	DI	DE	D	B	F	MP	AA	A	D	E	I	N		
H	B	N	T	UT	P	EE	ED	AYF	H	H	SG	I	FN	EO	TD	HD	U	D	ST	L	I	OT	P	U	RO	R	I	OD	UL	NR	CC	C	R	A	H	L	J	
E	T	I	BI	O	S	G	I	O	N	UT	RL	IT	ET	R	T	II	S	N	R	DY	E	V	IN	I	R	DE	NO	VI	TT	T	A	G	C	L	U			
R	Y	O	O	S	T	E	C	R	V	L	L	NN	RN	F	N	TO	D	Y	P	C	E	V	V	/S	CC	RO	1N	N	GE	L	E	R						
	N	N	T			Y	1	GS	S	S	EN	#	E	R	R1	R	C	/	/R	/1	2	E	S	D	D													
833071240	90060000	11.916	0610	5	025500	14	01	06	07	S-2UN	0	14	01	01	02	02	01	06	L	1	S	20	01	01	02	35	S	01	01	14	11	49	2	0	02			
820502950	90060000	11.948	0610	5	019900	12	01	20	14	S-2UN	0	14	01	01	01	01	01	06	L	1	S	16	01	01	02	56	S	16	01	14	01	57	3	0	00			
820543700	90060000	11.966	0610	5	019300	13	04	26	14	S-2UN	0	14	01	01	01	01	01	01	L	1	S	11	01	01	02	52	S	16	01	13	01	29	2	0	01			
836423310	90060000	11.966	0610	5	019300	13	10	12	12	S-2UN	0	14	01	01	01	01	01	01	L	1	S	16	01	01	02	25	S	16	01	14	01	22	4	0	02			
829097530	90060000	12.016	0610	5	019900	12	10	28	03	S-2DP	1	14	02	04	01	01	01	01	R	1	S	01	01	01	25	25	N	01	01	01	01	21	3	0	01			
829097610	90060000	12.016	0610	5	019900	12	11	26	08	S-2DP	0	14	01	01	01	01	01	01	L	2	S	16	01	01	02	69	S	01	01	14	01	47	2	0	00			
832911370	90060000	12.016	0610	5	019300	13	03	29	10	S-2DP	0	14	01	01	01	01	01	01	L	1	S	16	01	01	02	57	S	16	01	13	01	35	2	0	00			
832911400	90060000	12.016	0610	5	019300	13	03	31	13	S-2DP	0	14	01	01	01	01	01	01	L	1	S	16	01	01	02	43	S	01	01	14	01	35	2	0	00			
832911920	90060000	12.016	0610	5	019300	13	09	28	13	S-2DP	0	14	01	01	01	01	01	01	R	1	N	03	01	01	02	40	N	01	01	01	01	20	2	0	00			
837685220	90060000	12.066	0610	5	025500	14	11	24	17	S-2DP	0	14	01	04	01	01	01	01	L	1	S	11	01	01	02	34	S	17	01	01	01	28	2	0	00			
838002220	90060000	12.083	0367	5	025500	14	08	30	16	S-2DP	0	14	01	01	02	01	01	01	L	1	S	03	01	01	02	16	S	16	01	13	01	32	2	0	00			
822671340	90060000	12.116	0367	5	019900	12	10	30	21	S-2DP	0	14	05	05	01	01	01	01	L	2	N	16	01	11	15	33	S	16	01	01	01	18	2	0	00			

REPORT...CARPJ122-01
 DATE...01/05/2017
 TIME...08:57:42

FLORIDA - DEPARTMENT OF TRANSPORTATION
 C A R - CRASH ANALYSIS REPORTING SYSTEM
 CRASH DATA (IN 2011 AND LATER) DETAIL FOR STATE-MAINTAINED ROADS

PAGE NO: 2
 USERID: KNCHOEL
 I/O.... CARI122

COMMENT: 1 - SORT BY ROADWAY, MILE POINT
 FROM: 01/01/2012 TO 12/31/2014 RAMPS INCL
 FROM CO/SEC/SUB: 90 060 000 MP: 011.915 INFL INCL
 TO CO/SEC/SUB: 90 060 000 MP: 012.116 CR/OS INCL

FOR YEAR	FATAL CRASH STATISTICS			INJURY CRASH STATS		PROPERTY DAMAGE ONLY	TOTALS			INFLUENCE CRASHES OCCURRING ON INTERSECTING RDWYS	
	CRASHES	FATALITIES	INJURIES	CRASHES	INJURIES	CRASHES	CRASHES	FATALITIES	INJURIES	AT INT.	INFL AREA
2012	0	0	0	1	1	3	4	0	1	0	0
2013	0	0	0	2	3	3	5	0	3	0	0
2014	0	0	0	1	2	2	3	0	2	0	0
TOTAL	0	0	0	4	6	8	12	0	6	0	0

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REPORT...CARPJ122-01
 DATE...01/05/2017
 TIME...08:57:42

FLORIDA - DEPARTMENT OF TRANSPORTATION
 C A R - CRASH ANALYSIS REPORTING SYSTEM
 CRASH DATA (IN 2011 AND LATER) DETAIL FOR STATE-MAINTAINED ROADS
 *** REPORT TOTALS ***

PAGE NO: 3
 USERID: KNCHOEL
 I/O.... CARI122

CUMULATIVE TOTALS FOR ALL LOCATIONS SUBMITTED - OVERLAPPING OR INTERSECTING LOCATIONS MAY RESULT IN CRASHES COUNTED MORE THAN ONCE

FOR YEAR	FATAL CRASH STATISTICS			INJURY CRASH STATS		PROPERTY DAMAGE ONLY	TOTALS			INFLUENCE CRASHES OCCURRING ON INTERSECTING RDWYS	
	CRASHES	FATALITIES	INJURIES	CRASHES	INJURIES	CRASHES	CRASHES	FATALITIES	INJURIES	AT INT.	INFL AREA
2012	0	0	0	1	1	3	4	0	1	0	0
2013	0	0	0	2	3	3	5	0	3	0	0
2014	0	0	0	1	2	2	3	0	2	0	0
TOTAL	0	0	0	4	6	8	12	0	6	0	0

N O T I C E: THE INFORMATION CONTAINED IN THIS DOCUMENT (REPORT, SCHEDULE, LIST, OR DATA) HAS BEEN COMPILED FROM INFORMATION COLLECTED FOR THE PURPOSE OF IDENTIFYING, EVALUATING, OR PLANNING SAFETY ENHANCEMENTS. THIS PRODUCT IDENTIFIES INFORMATION USED FOR THE PURPOSE OF DEVELOPING HIGHWAY SAFETY CONSTRUCTION IMPROVEMENT PROJECTS WHICH MAY BE IMPLEMENTED UTILIZING FEDERAL-AID HIGHWAY FUNDS. ANY DOCUMENT DISPLAYING THIS NOTICE SHALL BE USED ONLY FOR THOSE PURPOSES DEEMED APPROPRIATE BY THE FLORIDA DEPARTMENT OF TRANSPORTATION. SEE TITLE 23, UNITED STATES CODE, SECTION 409.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

DISPOSITION OF FATAL CRASH

DATE RECEIVED	08/12/2016	DATE OF CRASH	06/27/2016	2016 - B08 No 20	
SECTION	90060000	STATE ROAD	5	CRASH NUMBER	852853820
APPROX. MILEPOST	12.316	DATE INVESTIGATED	07/21/2016	DATE DISPOSED	
CRASH LOCATION DESCRIPTION	US 1 / SR 5 / OVERSEAS HWY, 0.1 miles N of VENETIAN BLVD				

INITIAL ACTION

Obvious (crash description) roadway features not contributory
 Not part of significant increase in fatal crashes
 No action required

FIELD INVESTIGATED DATE _____ N/A

Roadway feature not involved
 Minor corrections needed
 Sent to Maintenance
 Sent to Traffic Operations
 Memo attached
 Crash Study initiated



No action is recommended in relation to the fatal crash.

The fatal crash reported in this document is a head-on crash along SR 5 / US 1 / Overseas Highway (referred to as SR 5 throughout the remainder of the document), approximately 0.1 miles north of Venetian Blvd. The narrative in the police report indicates that Vehicle 1 was northbound on SR 5 at approximately 40 mph. Witnesses stated that Vehicle 1 kept crossing the center double yellow line multiple times. Vehicle 2 was southbound on SR 5. Vehicle 3 and Vehicle 4 were both traveling north behind Vehicle 1. Vehicle 1 drifted left of center and struck Vehicle 2's left front with its left front. Vehicle 4 could not avoid striking the debris field as it was traveling north. Vehicle 2 continued to travel south, but because its front left tire had been damaged, it was forced across the northbound lane and in front of Vehicle 3's path of travel. Vehicle 2 then struck Vehicle 3's left front area, forcing both vehicles up against the guardrail. Driver 1 was wearing a shoulder and lap belt and the air bag deployed. Driver 1 was air lifter to Ryder Trauma and was pronounced deceased at 2:29 PM on 06/29/2016. The incident happened on a Monday at 7:52 PM, under dark-not lighted conditions, in cloudy weather and dry roadway conditions.

Five years of crash data (2010-2014) was obtained along the segment of SR 5 (MP 12.216 to 12.416), from the FDOT Crash Analysis Reporting (CAR) System. A total of 25 crashes were reported along this segment during the five year study period: 1 crash - 2010, 4 crashes - 2011, 1 crash - 2012, 10 crashes - 2013, and 9 crashes - 2014, showing an increased number of crashes in recent years. Out of the total number of crashes, 1 crash (4%) occurred during nighttime conditions and 3 crashes (12%) occurred under wet roadway surface conditions. The most common crash type along the study location is rear-end crashes (15 crashes). The subject fatal crash and one other head-on crash are presented in the collision diagram. The calculated Confidence Levels for this segment do not suggest that the subject location crash rate was abnormally high in any year of the study period (2010-2014). An Expected Value Analysis (EVA) was not performed because the incident occurred along a roadway segment. A review of the high crash segments from the High Crash/Reference Segments Report, obtained from the CAR System, found that this segment of SR 5 has not been identified as a high crash segment in any year of the study period (2010-2014).

Google Earth aerials and street view imagery were reviewed in the office to identify existing roadway characteristics and conditions that may have led to the fatal crash. SR 5 is a two-way two-lane undivided roadway with 10 foot paved shoulders in both directions that include bike lanes. Street lighting is not present along the section. The posted speed limit is 45 mph along the section. Pavement and pavement markings appear to be in good condition, including centerline RPMs spaced at approximately 40 feet. The segment is not included in any programmed projects.

No roadway features appear to have contributed to the crash, therefore, no further action is recommended at his time.

DISTRICT SAFETY ENGINEER (SIGNATURE) *[Signature]* DATE *8/17/17*

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

DISPOSITION OF FATAL CRASH

DATE RECEIVED	08/12/2016	DATE OF CRASH	06/27/2016	2016 - B08 No 20	
SECTION	90060000	STATE ROAD	5	CRASH NUMBER	852853820
APPROX. MILEPOST	12.316	DATE INVESTIGATED	07/21/2016	DATE DISPOSED	
CRASH LOCATION DESCRIPTION					
US 1 / SR 5 / OVERSEAS HWY, 0.1 miles N of VENETIAN BLVD					
INITIAL ACTION					
<input type="checkbox"/> Obvious (crash description) roadway features not contributory <input type="checkbox"/> Not part of significant increase in fatal crashes <input checked="" type="checkbox"/> No action required					
FIELD INVESTIGATED DATE					
N/A					
<input type="checkbox"/> Roadway feature not involved <input type="checkbox"/> Minor corrections needed <input type="checkbox"/> Sent to Maintenance <input type="checkbox"/> Sent to Traffic Operations <input type="checkbox"/> Memo attached <input type="checkbox"/> Crash Study initiated					
<p>No action is recommended in relation to the fatal crash.</p> <p>The fatal crash reported in this document is a head-on crash along SR 5 / US 1 / Overseas Highway (referred to as SR 5 throughout the remainder of the document), approximately 0.1 miles north of Venetian Blvd. The narrative in the police report indicates that Vehicle 1 was northbound on SR 5 at approximately 40 mph. Witnesses stated that Vehicle 1 kept crossing the center double yellow line multiple times. Vehicle 2 was southbound on SR 5. Vehicle 3 and Vehicle 4 were both traveling north behind Vehicle 1. Vehicle 1 drifted left of center and struck Vehicle 2's left front with its left front. Vehicle 4 could not avoid striking the debris field as it was traveling north. Vehicle 2 continued to travel south, but because its front left tire had been damaged, it was forced across the northbound lane and in front of Vehicle 3's path of travel. Vehicle 2 then struck Vehicle 3's left front area, forcing both vehicles up against the guardrail. Driver 1 was wearing a shoulder and lap belt and the air bag deployed. Driver 1 was air lifter to Ryder Trauma and was pronounced deceased at 2:29 PM on 06/29/2016. The incident happened on a Monday at 7:52 PM, under dark-not lighted conditions, in cloudy weather and dry roadway conditions.</p> <p>Five years of crash data (2010-2014) was obtained along the segment of SR 5 (MP 12.216 to 12.416), from the FDOT Crash Analysis Reporting (CAR) System. A total of 25 crashes were reported along this segment during the five year study period: 1 crash - 2010, 4 crashes - 2011, 1 crash - 2012, 10 crashes - 2013, and 9 crashes - 2014, showing an increased number of crashes in recent years. Out of the total number of crashes, 1 crash (4%) occurred during nighttime conditions and 3 crashes (12%) occurred under wet roadway surface conditions. The most common crash type along the study location is rear-end crashes (15 crashes). The subject fatal crash and one other head-on crash are presented in the collision diagram. The calculated Confidence Levels for this segment do not suggest that the subject location crash rate was abnormally high in any year of the study period (2010-2014). An Expected Value Analysis (EVA) was not performed because the incident occurred along a roadway segment. A review of the high crash segments from the High Crash/Reference Segments Report, obtained from the CAR System, found that this segment of SR 5 has not been identified as a high crash segment in any year of the study period (2010-2014).</p> <p>Google Earth aerials and street view imagery were reviewed in the office to identify existing roadway characteristics and conditions that may have led to the fatal crash. SR 5 is a two-way two-lane undivided roadway with 10 foot paved shoulders in both directions that include bike lanes. Street lighting is not present along the section. The posted speed limit is 45 mph along the section. Pavement and pavement markings appear to be in good condition, including centerline RPMs spaced at approximately 40 feet. The segment is not included in any programmed projects.</p> <p>No roadway features appear to have contributed to the crash, therefore, no further action is recommended at his time.</p>					
DISTRICT SAFETY ENGINEER (SIGNATURE)			DATE		

DISPOSITION OF FATAL CRASH

DISTRICT SIX INITIAL REVIEW

- | | |
|---|-----|
| <input type="checkbox"/> Relevant Studies/CTPs | N/A |
| <input type="checkbox"/> Relevant Programmed Projects | N/A |

 CRASH NARRATIVE

The subject crash occurred along SR 5, approximately 0.1 miles north of Venetian Blvd, in Islamorada Village of Islands, Monroe County on June 27, 2015 at 7:52 PM. According to the police report, Vehicle 1 was traveling north on SR 5 at approximately 40 mph. Witnesses stated that Vehicle 1 kept crossing the center double yellow line multiple times. Vehicle 2 was traveling south on SR 5. Vehicle 3 and Vehicle 4 were both traveling north behind Vehicle 1. Vehicle 1 drifted left of center and struck Vehicle 2's left front with its left front. Vehicle 4 could not avoid striking the debris field as it was traveling north. Vehicle 2 continued to travel south, but because its front left tire had been damaged, it was forced across the northbound lane and in front of Vehicle 3's path of travel. Vehicle 3 veered to the right and onto the northbound solid white line. Vehicle 2 then struck Vehicle 3's left front area, forcing both vehicles up against the guardrail. Driver 1 was wearing a shoulder and lap belt and the air bag deployed. Driver 1 was airlifted to Ryder Trauma and was pronounced deceased at 2:29 PM on 06/29/2016. The incident happened on a Monday at 7:52 PM, under dark-not lighted conditions, in cloudy weather and dry roadway conditions.

 CRASH DATA REVIEW (crash summary sheets attached)

The subject crash was a head-on crash. Five years of crash data (2010-2014) was obtained along the segment of SR 5 (MP 12.216 to 12.416), from the FDOT Crash Analysis Reporting (CAR) System. A total of 25 crashes were reported along this segment during the five year study period: 1 crash - 2010, 4 crash - 2011, 1 crashes - 2012, 10 crashes - 2013, and 9 crashes - 2014, showing an increased number of crashes in recent years. Out of the total number of crashes, 1 crash (4%) occurred during nighttime conditions. The most common crash type along the study location is rear-end crashes (15 crashes). Out of the total number of crashes, 9 were injury crashes (36%), 0 were fatal crashes, and 3 crashes (12%) occurred under wet roadway surface conditions.

The subject fatal crash and one other head-on crash are presented in the collision diagram. The calculated Confidence Levels for this segment do not suggest that the subject location crash rate was abnormally high in any year of the study period (2010-2014).

An Expected Value Analysis (EVA) was not performed because the incident occurred along a roadway segment.

A review of the high crash segments from the High Crash/Reference Segments Report, obtained from the CAR System, found that this segment of SR 5 has not been identified as a high crash segment in any year of the study period (2010-2014).

 OFFICE-BASED REVIEW NOTES

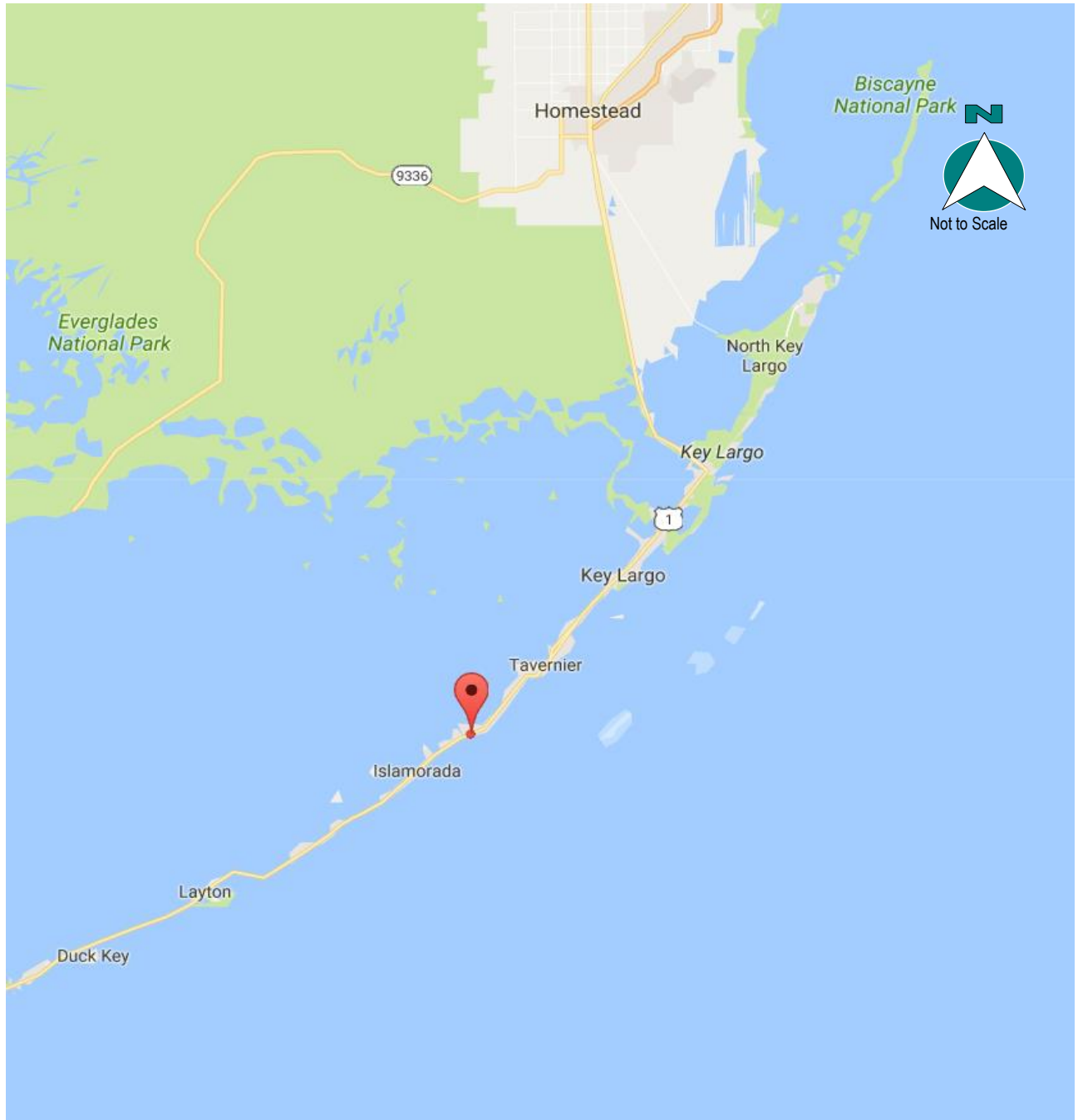
Google Earth aeriels and street view imagery were reviewed in the office to identify existing roadway characteristics and conditions that may have led to the fatal crash. SR 5 is a two-way two-lane undivided roadway with 10 foot paved shoulders in both directions that include bike lanes. Street lighting is not present along the section. The posted speed limit is 45 mph along the section. Pavement and pavement markings appear to be in good condition, including centerline RPMs spaced at approximately 40 feet.

The segment is not included in any programmed projects.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

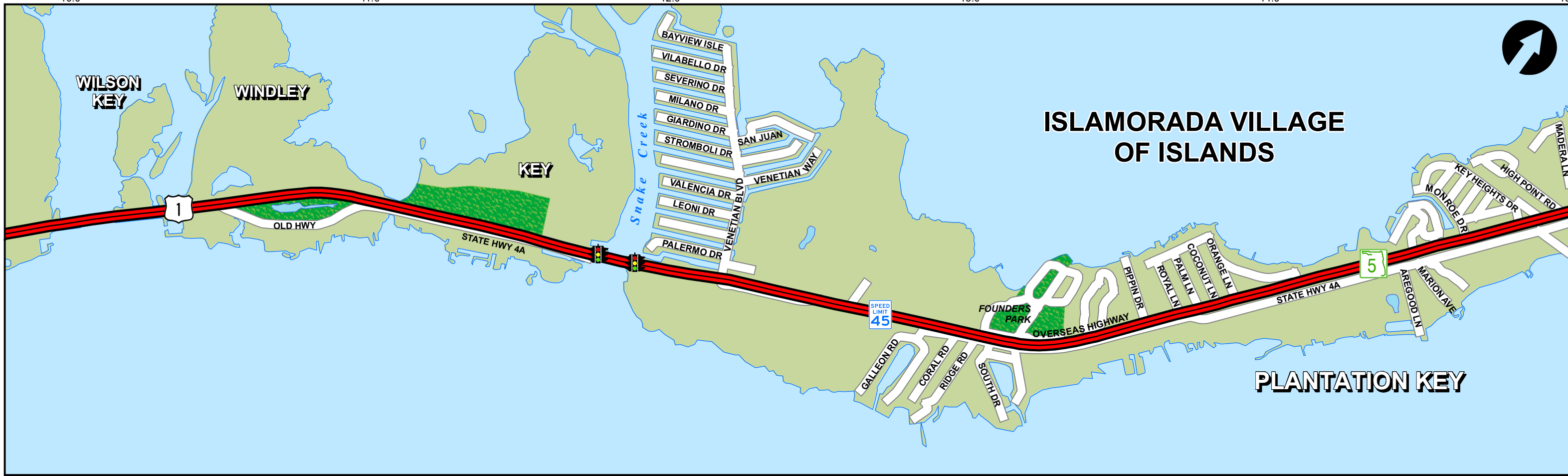
LOCATION MAP

LOCATION ID	US 1 / SR 5 / OVERSEAS HWY, 0.1 miles N of VENETIAN BLVD				
COUNTY	Monroe		SECTION	90060000	
BEGIN MILEPOST	12.216	END MILEPOST	12.416	PREPARED BY	KAI



CRASH SUMMARY (5 YEAR TOTALS)

PDO	INJURY CRASHES	FATAL CRASHES	TOTAL	NIGHT CRASHES	WET CRASHES
16	9	0	25	1	3



● = SIGNALIZED INTERSECTION

	10.0	11.0	12.0	13.0	14.0	15.0							
ROADWAY FEATURES	INSIDE CITY, AND URBAN ISLAMORADA KEY LARGO OVERSEAS HWY SR 5 US 1	CR 905 10,554	FRONTAGE RD ENT 11,030	FRONTAGE RD ENT 11,201 FRONTAGE RD ENT 11,306 FRONTAGE RD ENT 11,405 FRONTAGE RD ENTRANCE 11,616 SMUGGLERS COVE ENT A 11,866 SNAKE CREEK CHANNEL DRAWBRIDGE SIGNAL	VENETIAN BLVD 12,216 WELCH STATION ENT 12,228 WELCH STATION EXIT 12,511	PARK ENTRANCE 13,089 PARK ENTRANCE 13,207 FRONTAGE RD ENT 13,471	FRONTAGE RD ENT 14,149 FRONTAGE RD ENTRANCE 14,249 CORAL RD 14,837						
LANE WIDTHS ARE AVERAGED	44.0' - 24.0' 2 - 12.0' RDWY 2 - 10.0' PVD SHLD1 2 - 10.0' PVD SHLD2 - LT	60.0' - 24.0' 2 - 12.0' RDWY 2 - 4.0' PVD SHLD1 4.0' GRVL SHLD2 - LT 12.0' LWN SHLD2 - RT	58.0' - 24.0' 2 - 12.0' RDWY 2 - 4.0' PVD SHLD1 6.0' GRVL SHLD2 - LT 10.0' LWN SHLD2 - RT	57.0' - 24.0' 2 - 12.0' RDWY 2 - 4.0' PVD SHLD1 8.0' GRVL SHLD2 - LT 12.0' LWN SHLD2 - RT 5.0' LWN SHLD3 - LT	44.0' - 24.0' 2 - 12.0' RDWY 2 - 10.0' PVD SHLD1 2.0' PVD MED 12.0' LWN SHLD2 - RT	68.0' - 24.0' 2 - 12.0' RDWY 2 - 10.0' PVD SHLD1 2.0' PVD MED 12.0' LWN SHLD2 - RT	75.0' - 24.0' 2 - 12.0' RDWY 2.0' PVD MED 5.0' PVD SHLD1 - LT 10.0' PVD SHLD1 - RT 12.0' LWN SHLD2 - RT	68.0' - 24.0' 2 - 12.0' RDWY 2 - 10.0' PVD SHLD1 2.0' PVD MED 12.0' LWN SHLD2 - RT	88.0' - 24.0' 2 - 12.0' RDWY 8.0' PVD SHLD1 - LT 10.0' PVD SHLD1 - RT 2.0' LWN SHLD2 - LT 12.0' LWN SHLD2 - RT	70.0' - 24.0' 2 - 12.0' RDWY 12.0' PVD MED 12.0' PVD MED 10.0' PVD SHLD1 - LT 12.0' LWN SHLD2 - RT	64.0' - 24.0' 2 - 12.0' RDWY 12.0' PVD MED 6.0' PVD SHLD1 - LT 10.0' PVD SHLD1 - RT 12.0' LWN SHLD2 - RT	74.0' - 24.0' 2 - 12.0' RDWY 12.0' PVD MED 4.0' PVD SHLD1 - LT 8.0' PVD SHLD1 - RT 10.0' PVD SHLD1 - LT 2 - 12.0' LWN SHLD2	
ROADWAY COMPOSITION	28/FC-2 28/FC-2	08/FC-0 28/FC-2	28/FC-2 28/FC-2	28/FC-2 28/FC-2	28/FC-2 28/FC-2	28/FC-2 28/FC-2	28/FC-2 28/FC-2	28/FC-2 28/FC-2	28/FC-2 28/FC-2	28/FC-2 28/FC-2	28/FC-2 28/FC-2	28/FC-2 28/FC-2	28/FC-2 28/FC-2
HORIZONTAL ALIGNMENT		$\Delta=0^{\circ}00'02.00''$ PI=10.510 $\Delta=20^{\circ}16'22.00''$ D=2'00"	PC=10.769 PI=10.866 PT=10.961 $\Delta=20^{\circ}16'22.00''$ D=2'00"	$\Delta=0^{\circ}00'22.00''$ PI=11.860	$\Delta=27^{\circ}12'53.00''$ D=2'00" PC=13.097 PI=13.228 PT=13.354	$\Delta=0^{\circ}00'40.00''$ PI=14.438							
STRUCTURE DESCRIPTION	#0076 644.2' BR			#0077 850.1' BR									
TRAFFIC DATA	AADT= 19,900 K= 9.00	D= 55.00 T= 7.80	All Traffic Data as of 12-31-12				AADT= 26,500 K= 9.00	D= 55.00 T= 8.60					
SIS													
FUN CLASS	URBAN OTHER PRINCIPAL ARTERIAL NHS												
SPEED LIMIT	45MPH @ 45MPH 45MPH @ 45MPH	45MPH @ 45MPH 45MPH @ 45MPH	45MPH @ 45MPH 45MPH @ 45MPH	45MPH @ 45MPH 45MPH @ 45MPH	45MPH @ 45MPH 45MPH @ 45MPH	45MPH @ 45MPH 45MPH @ 45MPH	45MPH @ 45MPH 45MPH @ 45MPH	45MPH @ 45MPH 45MPH @ 45MPH	45MPH @ 45MPH 45MPH @ 45MPH	45MPH @ 45MPH 45MPH @ 45MPH	45MPH @ 45MPH 45MPH @ 45MPH	45MPH @ 45MPH 45MPH @ 45MPH	45MPH @ 45MPH 45MPH @ 45MPH

COLLISION DIAGRAM

LOCATION ID	US 1 / SR 5 / OVERSEAS HWY, 0.1 miles N of VENETIAN BLVD				
COUNTY	Monroe		SECTION	90060000	
BEGIN MILEPOST	12.216	END MILEPOST	12.416	PREPARED BY	KAI



CRASH SUMMARY (5 YEAR TOTALS)

PDO	INJURY CRASHES	FATAL CRASHES	TOTAL	NIGHT CRASHES	WET CRASHES
16	9	0	25	1	3

LEGEND

Fatal Crash No. XX	Crash No. XX	Head-On Crash	↔		
2010 Crash 	2011 Crash 	2012 Crash 	2013 Crash 	2014 Crash 	Nighttime Crash ★
					Daylight Crash ★

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

STREET VIEW IMAGERY

LOCATION ID	US 1 / SR 5 / OVERSEAS HWY, 0.1 miles N of VENETIAN BLVD				
COUNTY	Monroe		SECTION	90060000	
BEGIN MILEPOST	12.216	END MILEPOST	12.416	PREPARED BY	KAI



Looking northbound along SR 5 in the vicinity of the subject fatal crash location (Photo Date: July 2015)



Looking southbound along SR 5 in the vicinity of the subject fatal crash location (Photo Date: July 2015)



SAFETY RATIO/CONFIDENCE LEVEL SUMMARY OF CRASHES BY CONTRIBUTING CAUSE

Location: **US 1 / SR 5 / OVERSEAS HWY, 0.1 miles N of VENETIAN BLVD**
 State Section: 90060000
 State Road: 5
 Roadway Limits: N/A
 Engineer: KAI
 Area Type: Urban
 Spot/Segment: Segment
 Segment Type: 2-3 Lanes 2wy Undivided
 Begin Milepost: 12.216
 End Milepost: 12.416
 Length: 0.200

Year	Number of Crashes	ADT	Actual Crash Rate (ACR)	District 6 Average Crash Rate (A)	Average Vehicle Exposure (M)	Critical Crash Rate (CCR)	Safety Ratio	Statistical Significance	Confidence Level
2010	1	19,800	0.692	6.487	1.445	13.113	0.053	-2.572	0.5053%
2011	4	21,500	2.549	7.380	1.569	14.198	0.180	-2.081	1.8710%
2012	1	19,900	0.688	8.264	1.453	15.769	0.044	-3.032	0.1215%
2013	10	19,300	7.098	8.721	1.409	16.554	0.429	-0.510	30.5093%
2014	9	25,500	4.835	5.539	1.861	10.947	0.442	-0.253	40.0320%

ADT – Average Daily Traffic

ACR – Actual Crash Rate = No. of crashes in a year / Average Vehicle Exposure (M)

M – Average Vehicle Exposure (million vehicles or million vehicles miles) = [(ADT * 365 * L) / 1,000,000]

L = Length of the Segment for Segment Analysis, 1 for Spot Analysis

A – Average Crash Rate

CCR – Critical Crash Rate = $A + K * (\text{SQRT}[A/M]) - (1/[2 * M])$ (Ref: FDOT Highway Safety Improvement Program Guidelines)

K = 3.291 for Urban, 1.960 for Suburban, 1.645 for Rural K = 3.291

Safety Ratio = ACR/CCR

Level of statistical significance = $(\text{ACR} - A + (1/2M))/\text{SQRT}(A/M)$

Confidence Level = Percent probability that the crash rate is abnormally high for the location under study, using the district-wide average as a basis.

Summary by Contributing Cause

Contributing Cause\Year	2010	2011	2012	2013	2014	5 Year Total Crashes	Mean Crashes Per Year	Percent
Careless Driving	1	3	0	3	5	12	2.4	48.0%
Failed To Yield Right-Of-Way	0	0	0	3	2	5	1.0	20.0%
Improper Turn	0	0	1	1	1	3	0.6	12.0%
Followed Too Closely	0	0	0	0	1	1	0.2	4.0%
Improper Backing	0	0	0	0	0	0	0.0	0.0%
Improper Lane Change	0	0	0	0	0	0	0.0	0.0%
Alcohol/Drugs-Under Influence	0	0	0	0	0	0	0.0	0.0%
Disregarded Traffic Control (Signal/Stop)	0	0	0	0	0	0	0.0	0.0%
Failed To Maintain Equipment/Vehicle	0	0	0	0	0	0	0.0	0.0%
Improper Passing	0	0	0	0	0	0	0.0	0.0%
Exceed Safe/Stated Speed Limit	0	0	0	0	0	0	0.0	0.0%
Driving Wrong Side/Way/Drove Left of Center	0	0	0	0	0	0	0.0	0.0%
All Other	0	1	0	3	0	4	0.8	16.0%
Total	1	4	1	10	9	25	5.0	100.0%

Note: The CARS summary provides two fields for contributing cause. To get a better understanding of the contributing causes in the crash analysis, the following assumptions are made to choose an appropriate contributing cause - If contributing cause 2 is 0 (unknown), 1 (no improper driving), 2 (careless driving), or 77 (all other), then contributing cause 1 is used. If contributing cause 1 is 2, then contributing cause 2 is used. If contributing cause 1 is 3 (failed to yield right-of-way) and contributing cause 2 is 11 (disregarded traffic signal), 13 (disregarded stop sign), 15 (improper passing), or 20 (disregarded other traffic control), then contributing cause 2 is used.

CRASH STATISTICS

US 1 / SR 5 / OVERSEAS HWY, 0.1 miles N of VENETIAN BLVD		Number of Crashes					5 Year Total Crashes	Mean Crashes Per Year	%
		Year							
		2010	2011	2012	2013	2014			
CRASH TYPE	Rear End	1	3	0	6	5	15	3.00	60.0%
	Head On	0	0	0	0	1	1	0.20	4.0%
	Angle	0	0	0	2	1	3	0.60	12.0%
	Left Turn	0	0	0	0	0	0	0.00	0.0%
	Right Turn	0	0	0	0	0	0	0.00	0.0%
	Sideswipe	0	0	0	1	2	3	0.60	12.0%
	Backed Into	0	0	0	0	0	0	0.00	0.0%
	Coll. w/ Parked Car	0	0	0	0	0	0	0.00	0.0%
	Coll. w/ Pedestrian	0	0	0	0	0	0	0.00	0.0%
	Coll. w/ Bicycle	0	0	0	1	0	1	0.20	4.0%
	Fixed Object	0	1	1	0	0	2	0.40	8.0%
	Ran Off Road	0	0	0	0	0	0	0.00	0.0%
	Overtuned	0	0	0	0	0	0	0.00	0.0%
	Other	0	0	0	0	0	0	0.00	0.0%
Total Crashes		1	4	1	10	9	25	5.00	100.0%
SEVERITY	PDO Crashes	0	3	0	8	5	16	3.20	64.0%
	Fatal Crashes	0	0	0	0	0	0	0.00	0.0%
	Injury Crashes	1	1	1	2	4	9	1.80	36.0%
LIGHTING CONDITIONS	Daylight	1	3	1	10	8	23	4.60	92.0%
	Dusk	0	0	0	0	0	0	0.00	0.0%
	Dawn	0	0	0	0	0	0	0.00	0.0%
	Dark	0	0	0	0	1	1	0.20	4.0%
	Unknown	0	1	0	0	0	1	0.20	4.0%
SURFACE CONDITIONS	Dry	1	4	1	8	8	22	4.40	88.0%
	Wet	0	0	0	2	1	3	0.60	12.0%
	Others	0	0	0	0	0	0	0.00	0.0%
MONTH OF YEAR	January	0	0	0	1	1	2	0.40	8.0%
	February	0	1	0	2	0	3	0.60	12.0%
	March	0	1	0	1	3	5	1.00	20.0%
	April	0	0	0	0	2	2	0.40	8.0%
	May	0	2	0	3	1	6	1.20	24.0%
	June	1	0	0	1	0	2	0.40	8.0%
	July	0	0	0	1	0	1	0.20	4.0%
	August	0	0	1	0	0	1	0.20	4.0%
	September	0	0	0	0	1	1	0.20	4.0%
	October	0	0	0	0	0	0	0.00	0.0%
	November	0	0	0	0	0	0	0.00	0.0%
	December	0	0	0	1	1	2	0.40	8.0%
DAY OF WEEK	Sunday	0	1	0	1	2	4	0.80	16.0%
	Monday	0	1	0	1	1	3	0.60	12.0%
	Tuesday	0	0	0	3	2	5	1.00	20.0%
	Wednesday	0	0	0	0	0	0	0.00	0.0%
	Thursday	1	1	0	2	1	5	1.00	20.0%
	Friday	0	0	0	3	1	4	0.80	16.0%
	Saturday	0	1	1	0	2	4	0.80	16.0%
HOUR OF DAY	00:00-06:00	0	1	0	0	1	2	0.40	8.0%
	06:00-09:00	0	0	0	2	0	2	0.40	8.0%
	09:00-11:00	0	2	0	0	1	3	0.60	12.0%
	11:00-13:00	0	0	0	5	1	6	1.20	24.0%
	13:00-15:00	1	0	0	0	2	3	0.60	12.0%
	15:00-18:00	0	1	1	3	4	9	1.80	36.0%
	18:00-24:00	0	0	0	0	0	0	0.00	0.0%

Notes:

- 1) Collision with Bicycle Crashes include Collision with Bicycle/Collision with Bicycle in Bike Lane (Codes 11 and 12).
- 2) Fixed Object Crashes include collisions with sign/sign post, utility/light pole, guardrail, fence, concrete barrier wall, bridge, pier, abutment, rail, tree, shrubbery, construction barricade/sign, traffic gate, crash attenuators, other fixed objects (incl. above road).
- 3) Ran-off-Road Crashes include Ran in Ditch/Culvert and Ran off road into water (Codes 29 and 30).
- 4) Other crashes include crashes not categorized as the crash types shown in the table.
- 5) Dark Crashes include both scenarios - with and without street lighting.

**FLORIDA DEPARTMENT OF TRANSPORTATION
CRASH SUMMARY**

SECTION: 90060000 STATE ROUTE: 5
ROADWAY LIMITS: N/A M.P. 12.216 TO 12.416 ENGINEER: KAI
STUDY PERIOD: FROM 1/ 10 TO 12/ 10 COUNTY: Monroe

No.	MILE POST	DATE	DAY	TIME	CRASH TYPE	FATAL	INJURY	PROP DAM	DAY / NIGHT	WET / DRY	CONTRIBUTING CAUSE
1	12.416	06/10/10	Thu	1300	Rear-End	0	1	0	Day	Dry	Careless Driving
Total No.		Fatal	Injury	PDO	Angle	Left Turn	Right Turn	Rear End	Side swipe	Ped/ Bike	
1		0	1	0	0	0	0	1	0	0	
		0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	
One Vehicle		Day	Night	Wet	Dry	Excess Speed	FTYRW	DUI			
0		1	0	0	1	0	0	0			
0.00%		100.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%			
TOTAL ENTERING VEHICLES/ADT:					19,800	SEGMENT CRASH RATE: 0.692					

**FLORIDA DEPARTMENT OF TRANSPORTATION
CRASH SUMMARY**

SECTION: 90060000 STATE ROUTE: 5
ROADWAY LIMITS: N/A M.P. 12.216 TO 12.416 ENGINEER: KAI
STUDY PERIOD: FROM 1/ 11 TO 12/ 11 COUNTY: Monroe

No.	MILE POST	DATE	DAY	TIME	CRASH TYPE	FATAL	INJURY	PROP DAM	DAY / NIGHT	WET / DRY	CONTRIBUTING CAUSE
1	12.218	05/28/11	Sat	0000	Hit Sign/Sign Post	0	0	1	Unknown	Dry	#N/A
2	12.229	03/07/11	Mon	1500	Rear-End	0	0	1	Day	Dry	Careless Driving
3	12.311	02/13/11	Sun	1000	Rear-End	0	3	0	Day	Dry	Careless Driving
4	12.316	05/19/11	Thu	0900	Rear-End	0	0	1	Day	Dry	Careless Driving
Total No.		Fatal	Injury	PDO	Angle	Left Turn	Right Turn	Rear End	Side swipe	Ped/ Bike	
4		0	1	3	0	0	0	3	0	0	
		<i>0.00%</i>	<i>25.00%</i>	<i>75.00%</i>	<i>0.00%</i>	<i>0.00%</i>	<i>0.00%</i>	<i>75.00%</i>	<i>0.00%</i>	<i>0.00%</i>	
One Vehicle		Day	Night	Wet	Dry	Excess Speed	FTYRW	DUI			
1		3	0	0	4	0	0	1			
<i>25.00%</i>		<i>75.00%</i>	<i>0.00%</i>	<i>0.00%</i>	<i>100.00%</i>	<i>0.00%</i>	<i>0.00%</i>	<i>25.00%</i>			
TOTAL ENTERING VEHICLES/ADT:					21,500	SEGMENT CRASH RATE: 2.549					

**FLORIDA DEPARTMENT OF TRANSPORTATION
CRASH SUMMARY**

SECTION: 90060000 STATE ROUTE: 5
ROADWAY LIMITS: N/A M.P. 12.216 TO 12.416 ENGINEER: KAI
STUDY PERIOD: FROM 1/ 12 TO 12/ 12 COUNTY: Monroe

No.	MILE POST	DATE	DAY	TIME	CRASH TYPE	FATAL	INJURY	PROP DAM	DAY / NIGHT	WET / DRY	CONTRIBUTING CAUSE
1	12.263	08/18/12	Sat	1500	Hit Fence	0	1	0	Day	Dry	Improper Turn
Total No.		Fatal	Injury	PDO	Angle	Left Turn	Right Turn	Rear End	Side swipe	Ped/ Bike	
1		0	1	0	0	0	0	0	0	0	
		0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
One Vehicle		Day	Night	Wet	Dry	Excess Speed	FTYRW	DUI			
0		1	0	0	1	0	0	0			
0.00%		100.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%			
TOTAL ENTERING VEHICLES/ADT:					19,900	SEGMENT CRASH RATE: 0.688					

**FLORIDA DEPARTMENT OF TRANSPORTATION
CRASH SUMMARY**

SECTION: 90060000 STATE ROUTE: 5
ROADWAY LIMITS: N/A M.P. 12.216 TO 12.416 ENGINEER: KAI
STUDY PERIOD: FROM 1/ 13 TO 12/ 13 COUNTY: Monroe

No.	MILE POST	DATE	DAY	TIME	CRASH TYPE	FATAL	INJURY	PROP DAM	DAY / NIGHT	WET / DRY	CONTRIBUTING CAUSE
1	12.216	02/28/13	Thu	1500	Coll. W/ Bicycle	0	1	0	Day	Dry	Failed To Yield Right-Of-Way
2	12.216	05/28/13	Tue	1500	Angle	0	0	1	Day	Wet	Failed To Yield Right-Of-Way
3	12.229	03/05/13	Tue	0800	Rear-End	0	0	1	Day	Dry	No Improper Driving/Act
4	12.229	12/27/13	Fri	1600	Rear-End	0	0	1	Day	Dry	Careless Driving
5	12.240	01/27/13	Sun	1200	Rear-End	0	0	1	Day	Dry	No Improper Driving/Act
6	12.240	02/22/13	Fri	1200	Angle	0	1	0	Day	Dry	Failed To Yield Right-Of-Way
7	12.254	06/04/13	Tue	1100	Rear-End	0	0	1	Day	Wet	Unknown/Not Coded
8	12.311	07/26/13	Fri	0800	Rear-End	0	0	1	Day	Dry	Careless Driving
9	12.416	05/02/13	Thu	1100	Sideswipe	0	0	1	Day	Dry	Improper Turn
10	12.416	05/13/13	Mon	1100	Rear-End	0	0	1	Day	Dry	Careless Driving
Total No.		Fatal	Injury	PDO	Angle	Left Turn	Right Turn	Rear End	Side swipe	Ped/ Bike	
10		0	2	8	2	0	0	6	1	1	
		<i>0.00%</i>	<i>20.00%</i>	<i>80.00%</i>	<i>20.00%</i>	<i>0.00%</i>	<i>0.00%</i>	<i>60.00%</i>	<i>10.00%</i>	<i>10.00%</i>	
One Vehicle		Day	Night	Wet	Dry	Excess Speed	FTYRW	DUI			
1		10	0	2	8	0	3	0			
10.00%		<i>100.00%</i>	<i>0.00%</i>	<i>20.00%</i>	<i>80.00%</i>	<i>0.00%</i>	<i>30.00%</i>	<i>0.00%</i>			
TOTAL ENTERING VEHICLES/ADT:					19,300	SEGMENT CRASH RATE: 7.098					

**FLORIDA DEPARTMENT OF TRANSPORTATION
CRASH SUMMARY**

SECTION: 90060000 STATE ROUTE: 5
ROADWAY LIMITS: N/A M.P. 12.216 TO 12.416 ENGINEER: KAI
STUDY PERIOD: FROM 1/ 14 TO 12/ 14 COUNTY: Monroe

No.	MILE POST	DATE	DAY	TIME	CRASH TYPE	FATAL	INJURY	PROP DAM	DAY / NIGHT	WET / DRY	CONTRIBUTING CAUSE	
1	12.216	04/10/14	Thu	1500	Angle	0	0	1	Day	Dry	Failed To Yield Right-Of-Way	
2	12.229	01/21/14	Tue	1500	Rear-End	0	0	1	Day	Wet	Followed Too Closely	
3	12.229	03/21/14	Fri	1300	Rear-End	0	0	1	Day	Dry	Careless Driving	
4	12.235	09/28/14	Sun	1200	Sideswipe	0	0	1	Day	Dry	Failed To Yield Right-Of-Way	
5	12.254	03/08/14	Sat	0900	Rear-End	0	0	1	Day	Dry	Careless Driving	
6	12.273	05/04/14	Sun	0100	Sideswipe	0	1	0	Night	Dry	Improper Turn	
7	12.311	12/08/14	Mon	1500	Rear-End	0	3	0	Day	Dry	Careless Driving	
8	12.366	04/26/14	Sat	1300	Rear-End	0	1	0	Day	Dry	Careless Driving	
9	12.405	03/25/14	Tue	1600	Head-On	0	4	0	Day	Dry	Careless Driving	
Total No.		Fatal	Injury	PDO	Angle	Left Turn	Right Turn	Rear End	Side swipe	Ped/ Bike		
9		0	4	5	1	0	0	5	2	0		
		<i>0.00%</i>	<i>44.44%</i>	<i>55.56%</i>	<i>11.11%</i>	<i>0.00%</i>	<i>0.00%</i>	<i>55.56%</i>	<i>22.22%</i>	<i>0.00%</i>		
One Vehicle		Day	Night	Wet	Dry	Excess Speed	FTYRW	DUI				
0		8	1	1	8	0	2	1				
<i>0.00%</i>		<i>88.89%</i>	<i>11.11%</i>	<i>11.11%</i>	<i>88.89%</i>	<i>0.00%</i>	<i>22.22%</i>	<i>11.11%</i>				
TOTAL ENTERING VEHICLES/ADT:						25,500						SEGMENT CRASH RATE: 4.835

FLORIDA TRAFFIC CRASH REPORT

HIGHWAY SAFETY & MOTOR VEHICLES,
TRAFFIC CRASH RECORDS

LONG FORM SHORT FORM UPDATE

NEIL KIRKMAN BUILDING, TALLAHASSEE, FL 32399-0537

(Electronic Version)

Date of Crash 27/Jun/2016 07:52 PM	Time of Crash 27/Jun/2016 07:52 PM	Date of Report 21/Jul/2016 07:54 AM	Invest. Agency Report Number FHPE16OFF038963	HSMV Crash Report Number 85285382
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CRASH IDENTIFIERS

County Code 38	City Code 30	County of Crash MONROE	Place or City of Crash ISLAMORADA	Within City Limits Yes	Time Reported 27/Jun/2016 07:57 PM	Time Dispatched 27/Jun/2016 07:59 PM
Time on Scene 27/Jun/2016 08:27 PM	Time Cleared Scene 27/Jun/2016 11:48 PM	Completed No	Reason (if Investigation NOT Completed) PENDING THI			Notified By Law Enforcement

ROADWAY INFORMATION

Crash Occured On Street, Road, Highway US-1 SR5		At Street Address# 1	At Latitude 24.954650000000001	and Longitude -80.582470000000001
At Feet	Or Miles .10	Direction North	From Intersection With Street, Road, Highway VENETIAN BLVD	Or From Milepost #
Road System Identifier 2 U.S.		Type Of Shoulder 1 Paved	Type Of Intersection 1 Not at Intersection	

CRASH INFORMATION (Check if Pictures Taken)

Light Condition 5 Dark-Not Lighted	Weather Condition 2 Cloudy	Roadway Surface Condition 1 Dry	School Bus Related 1 No	Manner Of Collision 2 Front to Front
First Harmful Event Type	First Harmful Event 14	First Harmful Event Location 1 On Roadway	Within Interchange No	First Harmful Event Relation to Junction 1 Non-Junction
Contributing Circumstances: Road 1 None		Contributing Circumstances: Road		Contributing Circumstances: Road
Contributing Circumstances: Environment 1 None		Contributing Circumstances: Environment		Contributing Circumstances: Environment
Work Zone Related 1 No	Crash In Work Zone	Type Of Work Zone	Workers In Work Zone	Law Enforcement In Work Zone

VEHICLE (Check if Commercial)

Vehicle 2	Motor Vehicle Type 1 Vehicle in Transport	Hit and Run 1 No	Veh License Number EPZM88	State FL	Reg. Expires 31/Dec/2016	Permanent Reg. No	VIN 3HAJFAVK96L352956			
Year 2006	Make INTL	Model TK	Style TK	Color WHI	Extent of Damage Disabling	Est. Damage 5000	Towed Due To Damage Yes	Vehicle Removed By ALL AMERICAN	Rotation Rotation	
Insurance Company GRANADA INS CO				Insurance Policy Number 0110FL00023911						
Name of Vehicle Owner (Check Box If Business) MARCELINO RESENDIZ-GINES <input type="checkbox"/>			Current Address (Number and Street) 760 SW 7 PL			City and State FLORIDA CITY FL		Zip Code 33034-5631		
Trailer One:	License Number	State	Reg. Expires	Permanent Reg.	VIN	Year	Make	Length	Axles	
Trailer Two:	License Number	State	Reg. Expires	Permanent Reg.	VIN	Year	Make	Length	Axles	
Vehicle Traveling:	Direction South	On Street, Road, Highway US-1 SR5 SB MM 86				At Est. Speed 40	Posted Speed 45	Total Lanes 2		
CMV Configuration			Cargo Body Type			Area of Initial Impact		Most Damaged Area		
Comm GVWR/GCWR			Trailer Type (trailer one)		Trailer Type (trailer two)					
Haz. Mat. Release	Haz Mat. Placard	Number		Class						
Motor Carrier Name				US DOT Number						
Motor Carrier Address				City and State		Zip Code		Phone Number		

Comm/Non-Commercial	Vehicle Body Type 19 Other Light Trucks (10,000 lbs (4,536 kg) or less)	Vehicle Defects (one) 1 None	Vehicle Defects (two)	Emergency Vehicle Use 1 No	Special Function of MV 1 No Special Function
Vehicle Maneuver Action 1 Straight Ahead	Trafficway 1 Two-Way, Not Divided	Roadway Grade 1 Level	Roadway Alignment 1 Straight	Most Harmful Event 2 Collision with Non-Fixed Object	Most Harmful Event Detail 14 Motor Vehicle in Transport
Traffic Control Device For This Vehicle 1 No Controls	First (1) Sequence of Events 2 Collision with Non-Fixed Object 14 Motor Vehicle in Transport	Second (2) Sequence of Events 14 Motor Vehicle in Transport	Third (3) Sequence of Events 27 Guardrail Face	Fourth (4) Sequence of Events	

VEHICLE (Check if Commercial)

Vehicle 3	Motor Vehicle Type 1 Vehicle in Transport	Hit and Run 1 No	Veh License Number 0T0Y	State FL	Reg. Expires 08/Jan/2017	Permanent Reg. No	VIN JTEES41A482084074		
Year 2008	Make TOYOTA	Model HIGHLANDER	Style UT	Color RED	Extent of Damage Disabling	Est. Damage 10000	Towed Due To Damage Yes	Vehicle Removed By ALL AMERICAN	Rotation Rotation

Insurance Company ALL STATE INS CO					Insurance Policy Number 9814876470630												
Name of Vehicle Owner (Check Box If Business) <input type="checkbox"/> ROSELIN TOY COXEY					Current Address (Number and Street) 20 HARBOR LN					City and State ENGLEWOOD FL		Zip Code 34223-0000					
Trailer One:	License Number	State	Reg. Expires	Permanent Reg.	VIN	Year	Make	Length	Axles								
Trailer Two:	License Number	State	Reg. Expires	Permanent Reg.	VIN	Year	Make	Length	Axles								
Vehicle Traveling:	Direction North	On Street, Road, Highway US-1 SR5 NB MM 86					At Est. Speed 40	Posted Speed 45	Total Lanes 2								
CMV Configuration					Cargo Body Type					Area of Initial Impact				Most Damaged Area			
Comm GVWR/GCWR					Trailer Type (trailer one)					Trailer Type (trailer two)							
Haz. Mat. Release		Haz Mat. Placard		Number		Class											
Motor Carrier Name					US DOT Number												
Motor Carrier Address					City and State					Zip Code				Phone Number			
Comm/Non-Commercial		Vehicle Body Type 16 (Sport) Utility Vehicle			Vehicle Defects (one) 1 None			Vehicle Defects (two)			Emergency Vehicle Use 1 No			Special Function of MV 1 No Special Function			
Vehicle Maneuver Action 1 Straight Ahead		Trafficway 1 Two-Way, Not Divided			Roadway Grade 1 Level			Roadway Alignment 1 Straight			Most Harmful Event 2 Collision with Non-Fixed Object			Most Harmful Event Detail 14 Motor Vehicle in Transport			
Traffic Control Device For This Vehicle 1 No Controls		First (1) Sequence of Events 2 Collision with Non-Fixed Object			Second (2) Sequence of Events 27 Guardrail Face			Third (3) Sequence of Events			Fourth (4) Sequence of Events						
		14 Motor Vehicle in Transport															

VEHICLE (Check if Commercial)

Vehicle 4	Motor Vehicle Type 1 Vehicle in Transport			Hit and Run 1 No		Veh License Number CJCP08		State FL	Reg. Expires 08/Jul/2016	Permanent Reg. No	VIN 1FAHP3J21CL365702						
Year 2012	Make FORD	Model FOCUS	Style 4D	Color BLK	Extent of Damage Disabling		Est. Damage 2500	Towed Due To Damage Yes		Vehicle Removed By ALL AMERICAN		Rotation Rotation					
Insurance Company WINDHAVEN INS CO					Insurance Policy Number WIN01247509												
Name of Vehicle Owner (Check Box If Business) <input type="checkbox"/> LUIS GIMERANES PEREZ					Current Address (Number and Street) 6880 SW 37 ST					City and State MIAMI FL		Zip Code 33155-0000					
Trailer One:	License Number	State	Reg. Expires	Permanent Reg.	VIN	Year	Make	Length	Axles								
Trailer Two:	License Number	State	Reg. Expires	Permanent Reg.	VIN	Year	Make	Length	Axles								
Vehicle Traveling:	Direction North	On Street, Road, Highway US-1 SR5 NB MM 86					At Est. Speed 30	Posted Speed 45	Total Lanes 2								
CMV Configuration					Cargo Body Type					Area of Initial Impact				Most Damaged Area			
Comm GVWR/GCWR					Trailer Type (trailer one)					Trailer Type (trailer two)							
Haz. Mat. Release		Haz Mat. Placard		Number		Class											
Motor Carrier Name					US DOT Number												
Motor Carrier Address					City and State					Zip Code				Phone Number			
Comm/Non-Commercial		Vehicle Body Type 1 Passenger Car			Vehicle Defects (one) 1 None			Vehicle Defects (two)			Emergency Vehicle Use 1 No			Special Function of MV 1 No Special Function			
Vehicle Maneuver Action 1 Straight Ahead		Trafficway 1 Two-Way, Not Divided			Roadway Grade 1 Level			Roadway Alignment 1 Straight			Most Harmful Event 2 Collision with Non-Fixed Object			Most Harmful Event Detail 17 Struck By Falling, Shifting Cargo or Anything Set in Motion by Motor Vehicle			
Traffic Control Device For This Vehicle 1 No Controls		First (1) Sequence of Events 2 Collision with Non-Fixed Object			Second (2) Sequence of Events			Third (3) Sequence of Events			Fourth (4) Sequence of Events						
		17 Struck By Falling, Shifting Cargo or Anything Set in Motion by Motor Vehicle															

VEHICLE (Check if Commercial)

Vehicle 1	Motor Vehicle Type 1 Vehicle in Transport			Hit and Run 1 No		Veh License Number 443YES		State CT	Reg. Expires 28/Sep/2014	Permanent Reg. No	VIN WAUBFAFL8BN008767		
Year 2011	Make AUDI	Model A4	Style 4D	Color BLK	Extent of Damage Disabling		Est. Damage 15000	Towed Due To Damage Yes		Vehicle Removed By ALL AMERICAN		Rotation Rotation	
Insurance Company NO INSURANCE ON FILE					Insurance Policy Number NO INSURANCE ON FILE								

Name of Vehicle Owner (Check Box If Business) <input type="checkbox"/>		Current Address (Number and Street)				City and State		Zip Code			
MARK S FENNEY		795 RESEVOIR ROAD				CHESHIRE CT		06410			
Trailer One:	License Number	State	Reg. Expires	Permanent Reg.	VIN	Year	Make	Length	Axles		
Trailer Two:	License Number	State	Reg. Expires	Permanent Reg.	VIN	Year	Make	Length	Axles		
Vehicle Traveling:	Direction	On Street, Road, Highway				At Est. Speed	Posted Speed	Total Lanes			
	North	US-1 SR5 NB MM 86				45	45	2			
CMV Configuration			Cargo Body Type			Area of Initial Impact			Most Damaged Area		
Comm GVWR/GCWR			Trailer Type (trailer one)			Trailer Type (trailer two)					
Haz. Mat. Release		Haz Mat. Placard		Number		Class					
Motor Carrier Name					US DOT Number						
Motor Carrier Address				City and State		Zip Code		Phone Number			
Comm/Non-Commercial	Vehicle Body Type		Vehicle Defects (one)		Vehicle Defects (two)		Emergency Vehicle Use	Special Function of MV			
	1 Passenger Car		1 None				1 No	1 No Special Function			
Vehicle Maneuver Action		Trafficway		Roadway Grade		Roadway Alignment		Most Harmful Event		Most Harmful Event Detail	
1 Straight Ahead		1 Two-Way, Not Divided		1 Level		1 Straight		2 Collision with Non-Fixed Object		14 Motor Vehicle in Transport	
Traffic Control Device For This Vehicle		First (1) Sequence of Events			Second (2) Sequence of Events		Third (3) Sequence of Events		Fourth (4) Sequence of Events		
1 No Controls		2 Collision with Non-Fixed Object							14 Motor Vehicle in Transport		

PERSON RECORD

Person#	Description	Vehicle #	Name			Date of Birth	Sex	Phone Number	Re-Exam	
1	1 Driver	1	MAGGIE MAE FENNEY			05/Jul/1993	2 Female		No	
Address		City			State		Zip Code			
81210 OLD HWY		ISLAMORADA			FL		33036			
Driver License Number		State	Expires	DL Type	Req. End.	Injury Severity		Ejection		
F500553937450		FL	05/Jul/2021	5 E/Operator	2 No	5 Fatal (within 30 days)		1 Not Ejected		
Restraint System		Air Bag Deployed		Helmet Use		Eye Protection		Seating Location Seat		Seating Location Row
3 Shoulder and Lap Belt Used		3 Deployed-Front				3 Not Applicable		1 Left		1 Front
Drivers Actions at Time of Crash (first)			Drivers Actions at Time of Crash (second)			Driver Distracted By		Vision Obstruction		
25 Failed to Keep in Proper Lane						88 Unknown		1 Vision Not Obscured		
Drivers Actions at Time of Crash (third)			Drivers Actions at Time of Crash (fourth)			Drivers Condition at Time of Crash				
						1 Apparently Normal				
Suspected Alcohol Use		Alcohol Tested	Alcohol Test Type	Alcohol Test Result	BAC	Suspected Drug Use		Drug Tested	Drug Test Type	Drug Test Result
1 No		1 Test Not Given				1 No		1 Test Not Given		
Source of Transport to Medical Facility		EMS Agency Name or ID			EMS Run Number		Medical Facility Transported To			
2 EMS		TRAUMA STAR			TRAUMA STA		RYDER TRAUMA			

PERSON RECORD

Person#	Description	Vehicle #	Name			Date of Birth	Sex	Phone Number	Re-Exam	
2	1 Driver	2	MARCELINO RESENDIZ-GINES			17/Jul/1966	1 Male		No	
Address		City			State		Zip Code			
760 SW 7 PL		FLORIDA CITY			FL		33034			
Driver License Number		State	Expires	DL Type	Req. End.	Injury Severity		Ejection		
R253540662570		FL	02/Mar/2017	5 E/Operator	2 No	1 None		1 Not Ejected		
Restraint System		Air Bag Deployed		Helmet Use		Eye Protection		Seating Location Seat		Seating Location Row
3 Shoulder and Lap Belt Used		2 Not Deployed				3 Not Applicable		1 Left		1 Front
Drivers Actions at Time of Crash (first)			Drivers Actions at Time of Crash (second)			Driver Distracted By		Vision Obstruction		
1 No Contributing Action						1 Not Distracted		1 Vision Not Obscured		
Drivers Actions at Time of Crash (third)			Drivers Actions at Time of Crash (fourth)			Drivers Condition at Time of Crash				
						1 Apparently Normal				
Suspected Alcohol Use		Alcohol Tested	Alcohol Test Type	Alcohol Test Result	BAC	Suspected Drug Use		Drug Tested	Drug Test Type	Drug Test Result
1 No		1 Test Not Given				1 No		1 Test Not Given		
Source of Transport to Medical Facility		EMS Agency Name or ID			EMS Run Number		Medical Facility Transported To			
1 Not Transported										

PERSON RECORD

Person#	Description	Vehicle #	Name			Date of Birth	Sex	Phone Number	Re-Exam
8	1 Driver	4	LUIS GIMERANES PEREZ			08/Jul/1973	1 Male		No
Address		City			State		Zip Code		
6880 SW 37TH ST		MIAMI			FL		33155		
Driver License Number		State	Expires	DL Type	Req. End.	Injury Severity		Ejection	
G565520732480		FL	08/Jul/2020	5 E/Operator	2 No	1 None		1 Not Ejected	

Restraint System 3 Shoulder and Lap Belt Used	Air Bag Deployed 2 Not Deployed	Helmet Use	Eye Protection 3 Not Applicable	Seating Location Seat 1 Left	Seating Location Row 1 Front	Seating Location Other		
Drivers Actions at Time of Crash (first) 1 No Contributing Action		Drivers Actions at Time of Crash (second)		Driver Distracted By 1 Not Distracted	Vision Obstruction 1 Vision Not Obscured			
Drivers Actions at Time of Crash (third)		Drivers Actions at Time of Crash (fourth)		Drivers Condition at Time of Crash 1 Apparently Normal				
Suspected Alcohol Use 1 No	Alcohol Tested 1 Test Not Given	Alcohol Test Type	Alcohol Test Result	BAC	Suspected Drug Use 1 No	Drug Tested 1 Test Not Given	Drug Test Type	Drug Test Result
Source of Transport to Medical Facility 1 Not Transported		EMS Agency Name or ID		EMS Run Number	Medical Facility Transported To			

PERSON RECORD

Person# 3	Description 1 Driver	Vehicle # 3	Name ROSELIN TOY COXEY	Date of Birth 08/Jan/1959	Sex 2 Female	Phone Number	Re-Exam No	
Address 20 HARBOR LN		City ENGLEWOOD		State FL		Zip Code 34223		
Driver License Number C200738595080		State FL	Expires 08/Jan/2019	DL Type 5 E/Operator	Req. End. 2 No	Injury Severity 3 Non-incapacitating	Ejection 1 Not Ejected	
Restraint System 3 Shoulder and Lap Belt Used	Air Bag Deployed 3 Deployed-Front	Helmet Use	Eye Protection 3 Not Applicable	Seating Location Seat 1 Left	Seating Location Row 1 Front	Seating Location Other		
Drivers Actions at Time of Crash (first) 1 No Contributing Action		Drivers Actions at Time of Crash (second)		Driver Distracted By 1 Not Distracted	Vision Obstruction 1 Vision Not Obscured			
Drivers Actions at Time of Crash (third)		Drivers Actions at Time of Crash (fourth)		Drivers Condition at Time of Crash 1 Apparently Normal				
Suspected Alcohol Use 1 No	Alcohol Tested 1 Test Not Given	Alcohol Test Type	Alcohol Test Result	BAC	Suspected Drug Use 1 No	Drug Tested 1 Test Not Given	Drug Test Type	Drug Test Result
Source of Transport to Medical Facility 2 EMS		EMS Agency Name or ID MONROE COUNTY RESCUE		EMS Run Number R19	Medical Facility Transported To MARINER'S HOSPITAL			

PERSON RECORD

Person# 4	Description 3 Passenger	Vehicle # 3	Name ALYSON COXEY	Date of Birth 27/Apr/1999	Sex 2 Female	Injury Severity 3 Non-incapacitating	Ejection 1 Not Ejected
Address 20 HARBOR LANE		City ENGLEWOOD		State FL	Zip Code 34223		
Restraint System 3 Shoulder and Lap Belt Used	Air Bag Deployed 3 Deployed-Front	Helmet Use	Eye Protection 3 Not Applicable	Seating Location Seat 3	Seating Location Row 1	Seating Location Other	
Source of Transport to Medical Facility 1 Not Transported		EMS Agency Name or ID		EMS Run Number	Medical Facility Transported To		

PERSON RECORD

Person# 7	Description 3 Passenger	Vehicle # 3	Name COREY COXEY	Date of Birth 25/Feb/1989	Sex 1 Male	Injury Severity 1 None	Ejection 1 Not Ejected
Address 20 HARBOR LN		City ENGLEWOOD		State FL	Zip Code 34223		
Restraint System 3 Shoulder and Lap Belt Used	Air Bag Deployed 2 Not Deployed	Helmet Use	Eye Protection 3 Not Applicable	Seating Location Seat 3	Seating Location Row 3	Seating Location Other	
Source of Transport to Medical Facility 1 Not Transported		EMS Agency Name or ID		EMS Run Number	Medical Facility Transported To		

PERSON RECORD

Person# 5	Description 3 Passenger	Vehicle # 3	Name ARIANA COXEY	Date of Birth 08/Jul/2014	Sex 2 Female	Injury Severity 1 None	Ejection 1 Not Ejected
Address 20 HARBOR LN		City ENGLEWOOD		State FL	Zip Code 34223		
Restraint System 7 Child Restraint System -Forward Facing	Air Bag Deployed 2 Not Deployed	Helmet Use	Eye Protection 3 Not Applicable	Seating Location Seat 1	Seating Location Row 2	Seating Location Other	
Source of Transport to Medical Facility 1 Not Transported		EMS Agency Name or ID		EMS Run Number	Medical Facility Transported To		

PERSON RECORD

Person# 6	Description 3 Passenger	Vehicle # 3	Name KRISTINA SOLOMON	Date of Birth 03/Dec/1991	Sex 2 Female	Injury Severity 3 Non-incapacitating	Ejection 1 Not Ejected
Address 20 HARBOR LN		City ENGLEWOOD		State FL	Zip Code 34223		

Restraint System 3 Shoulder and Lap Belt Used	Air Bag Deployed 2 Not Deployed	Helmet Use	Eye Protection 3 Not Applicable	Seating Location Seat 3	Seating Location Row 2	Seating Location Other
Source of Transport to Medical Facility 2 EMS	EMS Agency Name or ID MONROE COUNTY RESCUE	EMS Run Number R19	Medical Facility Transported To MARINER'S HOSPITAL			

NON VEHICLE PROPERTY DAMAGE

Vehicle#	Person#	Property Damage - Other Than Vehicle GUARD RAIL	Est. Amount 3500	Business Yes	Owner's Name ICA/FDOT	Address 3100 OVERSEAS HWY	City & State MARATHON FL	Zip Code 33050
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NARRATIVE

 ID Number Rank Name Troop / Post Officer Agency Phone Number Date Created
 3519 TROOPER J. CORELL E FLORIDA HIGHWAY PATROL 305-470-2500 Jun 28, 2016

V-1 was travelling north on US-1 at the 86 Mile Marker in Islamorada, Monroe County. Witnesses stated that V-1 kept crossing the center double yellow line multiple times. V-2 was travelling south approaching the same location. V-4 and V-3 were both travelling north behind V-1. V-1 drifted left of center and struck V-2 s left front with its left front left corner. This impact caused V-1 s rear to rotate in a counter clockwise motion back onto the northbound lane. V-1 had come to final rest on the northbound lane facing south. V-4 could not avoid striking the debris field as it was travelling north and then came to final rest on the northbound lane facing north. V-2 continued to travel in a southerly direction, but because its front left tire had been damaged, it was forced across the northbound lane and in front of V-3 s path of travel. V-3 veered to the right and onto the northbound solid white line. V-2 then struck V-3 s left front area. This impact then forced both vehicles up against the guardrail. They both came to final rest at this location and up against each other and the guardrail. Driver 1 of Vehicle 1 was air lifted to Ryder Trauma in critical condition. Both Northbound and Southbound lanes of US-1 were closed for approximately 3 hours. Traffic was diverted through the weigh station.

On Wednesday, 06/29/2016, at 2:29 PM, Maggie Mae Fenney (D.O.B. 07/05/1993), was pronounced deceased at Ryder Trauma by Doctor Amedeo Merenda and Doctor Johnathan Jagid.

Notification of Kin was made to Joanna Fenney (Mother of D-1) and Mark Fenney (Father of D-1) on Wednesday, 06/29/2016, at 2:29 PM by Doctor Amedeo Merenda and Doctor Johnathan Jagid.

On scene photographs taken by Corporal David N. Riso

Traffic Homicide Investigative case number is FHP-716-38-011.

Traffic Homicide Investigator is Corporal David N. Riso (2088/844)

 ID Number Rank Name Troop / Post Officer Agency Phone Number Date Created
 2088 CORPORAL D. N. RISO E FLORIDA HIGHWAY PATROL 305-470-2500 Jul 15, 2016

Crash report was amended.

 ID Number Rank Name Troop / Post Officer Agency Phone Number Date Created
 2088 CORPORAL D. N. RISO E FLORIDA HIGHWAY PATROL 305-470-2500 Jul 21, 2016

Information updated in report.

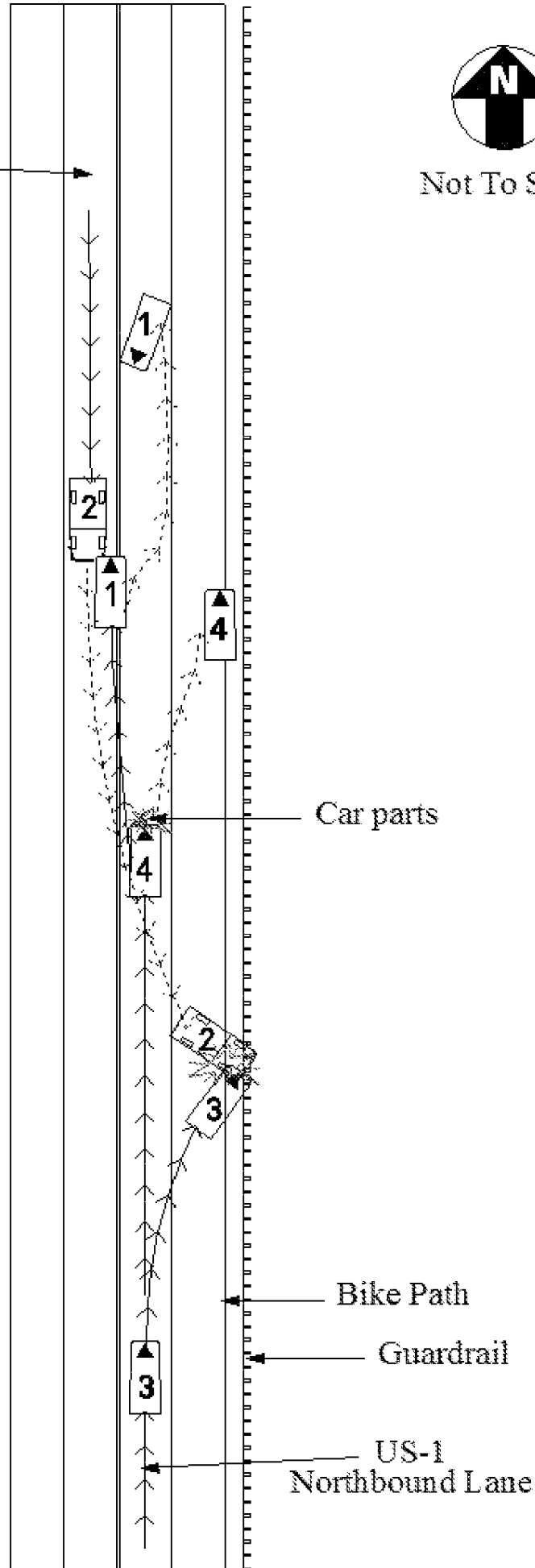
REPORTING OFFICER

ID/Badge # 2088	Rank and Name CORPORAL D. N. RISO	Department FLORIDA HIGHWAY PATROL	Type of Department FHP
---------------------------	---	---	----------------------------------

US-1
Southbound Lane



Not To Scale



Car parts

Bike Path

Guardrail

US-1
Northbound Lane

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          CCCCCCCCCC      AAAAAAAAAA      RRRRRRRRRR
        CCCCCCCCCC      AAAAAAAAAA      RRRRRRRRRR
       CCC           AAA   AAA           RRR   RRR
      CCC           AAA   AAA           RRR   RRR
     CCC           AAAAAAAAAA      RRRRRRRRRR
    CCC           AAAAAAAAAA      RRRRRRRRRR
   CCC           AAA   AAA           RRR   RRR
  CCC           AAA   AAA           RRR   RRR
 CCCCCCCCCC      AAA   AAA           RRR   RRR
CCCCCCCCC      AAA   AAA           RRR   RRR

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C R A S H R E P O R T I N G S Y S T E M

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```

I/O NAME: ..... CARI113
PROGRAM ID: ..... CARPJ13
REPORT NUMBER: ..... 01
RUN CLASS: ..... A
MESSAGE CLASS: ..... Q
PRINTER DEST: ..... LOCAL
# COPIES: ..... 01
ACCOUNT #: ..... 5565945
SUBMIT W/HOLD? ..... N
USERID: ..... KNKAIBP
DETAIL SORT ORDER: ..... 1 - SORT BY ROADWAY, MILE POINT
PRINT SEGMENTS? ..... N
PRINT INTERSECTIONS? ..... N
SUMMARY FORMAT: ..... -
OVERRIDE VALUES:
MAX # OF BREAKS: ..... 0
CRASH RATE CATEGORY: ...
AVERAGE DAILY TRAFFIC:..
# OF LEGS: .....

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REPORT...CARPJ13-01
DATE...12/12/2016
TIME...15:01:57

FLORIDA - DEPARTMENT OF TRANSPORTATION
C A R - CRASH ANALYSIS REPORTING SYSTEM
CRASH DATA (IN 2010 AND EARLIER) DETAIL FOR STATE-MAINTAINED ROADS

PAGE NO: 1
USERID: KNKAIBP
I/O.... CARO213

COMMENT:

1 - SORT BY ROADWAY, MILE POINT

FROM: 01/01/2010 TO 12/31/2010 RAMP INCL
FROM CO/SEC/SUB: 90 060 000 MP: 012.216 INFL INCL
TO CO/SEC/SUB: 90 060 000 MP: 012.416 CR/OS INCL

C	R	A	S	M	H	B	E	R	Y	M	D	H	CRCC	A	H	L	W	R	T	R	SL	R	A	V	V	VM	V	PI	CC	D	V	V	V	V	PI	CC	D	#	#	N
R	N	C	S	S	I	EN	TR	VAR	E	O	A	O	RALA	L	AE	I	E	D	RC	OC	IO	O	C	ET	EU	EO	E	OM	OA	RA	ET	EU	EM	E	OM	OA	RA			UI
A	U	O	E	E	L	AO	AO	EIA	A	N	Y	U	ATAT	C	RV	G	A	AO	AO	TC	A	C	HY	HS	HV	H	IP	NU	IG	HY	HS	HO	H	IP	NU	IG	V	K	MN	
S	M	U	C	SC	E	RD	TA	RLF	R	T		R	SESE		ME	H	T	S	FN	DN	EA	D	IP	IE	IM		NA	TS	VE	IP	IE	IV		NA	TS	VE	E	I	BJ	
H	B	N	T	UT	P	EE	ED	AYF		H			H	SG	I	FN	T	H	U	FT	D	T	L	CE	C	CN	D	TC	RE	/	CE	C	C	D	TC	RE	/	H	L	EU
E		T	I	BI	O	S		G	I				O	N	UT	I	E	R	IR	T	I	S	N	L	L1	LT	I	T	I	P1	L	L2	L2	I	T	I	P2	C	L	RR
R		Y	O	O	S	T		E	C				R	V	L	N	R	F	CO	N	O	D	E1	E	E	R	O	B1	E	E2	E	E	R	O	B2	E	L	E	E	
		N	N	T									Y		1	G			L	S	N	#			1	1	F1	D					2	F2		D	S	D	D	

769469360	90060000	12.416	0613		5	019800	10	06	10	13	S-2UN	0	01	1	1	1	03	01	01	L	1	03	01	01	S	01	02	59	03	01	02	S	08	00	70	2	0	01		

REPORT...CARPJ13-01
 DATE...12/12/2016
 TIME...15:01:57

FLORIDA - DEPARTMENT OF TRANSPORTATION
 C A R - CRASH ANALYSIS REPORTING SYSTEM
 CRASH DATA (IN 2010 AND EARLIER) DETAIL FOR STATE-MAINTAINED ROADS

PAGE NO: 2
 USERID: KNKAIBP
 I/O.... CARI113

COMMENT: 1 - SORT BY ROADWAY, MILE POINT
 FROM: 01/01/2010 TO 12/31/2010
 FROM CO/SEC/SUB: 90 060 000
 TO CO/SEC/SUB: 90 060 000
 MP: 012.216
 MP: 012.416
 RAMPS INCL
 INFL INCL
 CR/OS INCL

FOR YEAR	FATAL CRASH STATISTICS			INJURY CRASH STATS		PROPERTY DAMAGE ONLY	TOTALS			INFLUENCE CRASHES OCCURRING ON INTERSECTING RDWYS	
	CRASHES	FATALITIES	INJURIES	CRASHES	INJURIES	CRASHES	CRASHES	FATALITIES	INJURIES	AT INT.	INFL AREA
2010	0	0	0	1	1	0	1	0	1	0	0
TOTAL	0	0	0	1	1	0	1	0	1	0	0

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          CCCCCCCCCC      AAAAAAAAAA      RRRRRRRRRR
        CCCCCCCCCC      AAAAAAAAAAAA      RRRRRRRRRR
       CCC             AAA      AAA      RRR      RRR
      CCC             AAA      AAA      RRR      RRR
     CCC             AAAAAAAAAA      RRRRRRRRRR
    CCC             AAAAAAAAAAAA      RRRRRRRRRR
   CCC             AAA      AAA      RRR      RRR
  CCC             AAA      AAA      RRR      RRR
 CCCCCCCCCC      AAA      AAA      RRR      RRR
CCCCCCCCC      AAA      AAA      RRR      RRR

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C R A S H R E P O R T I N G S Y S T E M

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```

I/O NAME: ..... CARI122
PROGRAM ID: ..... CARPJ122
REPORT NUMBER: ..... 01
RUN CLASS: ..... A
MESSAGE CLASS: ..... Q
PRINTER DEST: ..... LOCAL
# COPIES: ..... 01
ACCOUNT #: ..... 5565945
SUBMIT W/HOLD? ..... N
USERID: ..... KNKAIBP
DETAIL SORT ORDER: ..... 1 - SORT BY ROADWAY, MILE POINT
PRINT SEGMENTS? ..... N
PRINT INTERSECTIONS? ..... N
SUMMARY FORMAT: ..... 2 - TOP LINE ALL BREAKS
OVERRIDE VALUES:
MAX # OF BREAKS: ..... 06
CRASH RATE CATEGORY: ...
AVERAGE DAILY TRAFFIC:..
# OF LEGS: .....

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REPORT...CARPJ122-01
 DATE...12/08/2016
 TIME...14:45:48

FLORIDA - DEPARTMENT OF TRANSPORTATION
 C A R - CRASH ANALYSIS REPORTING SYSTEM
 CRASH DATA (IN 2011 AND LATER) DETAIL FOR STATE-MAINTAINED ROADS

PAGE NO: 2
 USERID: KNKAIBP
 I/O.... CARI122

COMMENT: 1 - SORT BY ROADWAY, MILE POINT
 FROM: 01/01/2011 TO 12/31/2014
 FROM CO/SEC/SUB: 90 060 000
 TO CO/SEC/SUB: 90 060 000
 MP: 012.216
 MP: 012.416
 RAMPS INCL
 INFL INCL
 CR/OS INCL

FOR YEAR	FATAL CRASH STATISTICS			INJURY CRASH STATS		PROPERTY DAMAGE ONLY	TOTALS			INFLUENCE CRASHES OCCURRING ON INTERSECTING RDWYS	
	CRASHES	FATALITIES	INJURIES	CRASHES	INJURIES	CRASHES	CRASHES	FATALITIES	INJURIES	AT INT.	INFL AREA
2011	0	0	0	1	3	3	4	0	3	0	0
2012	0	0	0	1	1	0	1	0	1	0	0
2013	0	0	0	2	2	8	10	0	2	0	0
2014	0	0	0	4	9	5	9	0	9	0	0
TOTAL	0	0	0	8	15	16	24	0	15	0	0

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