

Bicycle and Pedestrian School Safety Review Study

Assessment & Implementation Report Silver Sands Middle School *Port Orange, FL*



September 2011

**Volusia Transportation Planning Organization
Bicycle and Pedestrian School Safety Review Study**

**Assessment and Implementation Report
Silver Sands Middle School
*Port Orange, FL***

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Rick Inge: Principal of Silver Sands Middle School

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EXECUTIVE SUMMARY

Lassiter Transportation Group, Inc. (LTG) was contracted by the Volusia Transportation Planning Organization (TPO) to prepare an Assessment Report for the Bicycle and Pedestrian School Safety Review Study for 17 Volusia County schools. The Assessment Report for the Bicycle and Pedestrian School Safety Review Study will aid the Volusia TPO in making recommendations for projects that will improve conditions within the walk zones for these schools, and potentially make walking and biking to school a more attractive mode of transportation for students. The subject of this Assessment Report is Silver Sands Middle School. Evaluation of the walk zone for Silver Sands Middle School has resulted in recommendations for sidewalk improvements as follows:

- Install a sidewalk (and associated crosswalks) on the south side of Herbert Street from the school bus loop drive to just east of Nova Road.
- Install sidewalk on the south side of Herbert Street from Nova Road to the existing crosswalk at Old Sugar Mill Drive.
- Install sidewalk (and associated crosswalks) on the northern side of Old Sugar Mill Road between Herbert Street and McDonald Road, except where coverage exists.
- Install Sidewalk (and associated crosswalks) on the west side of Jackson Street from Herbert Street to Madeline Avenue.
- Install Sidewalk (and associated crosswalks) on the east side of Jackson Street from Oak Street to Canal View Blvd.
- Install Sidewalk (and associated crosswalks) on the south side of Canal View Boulevard from Nova Road to Jackson Street.

Purpose

The purpose of this study is to improve the environment for students to walk or bicycle to school. The goal for the assessment phase of the Bicycle and Pedestrian School Safety Review Study is to provide the Volusia TPO with a comprehensive study that will delineate each of the listed school's concerns, document the observed pedestrian and bicycle circulation routes adjacent to the school sites, and then make recommendations for improvements. The assessment examines the walk zone surrounding the school to evaluate safety issues that may affect students walking or bicycling to school.

The U.S. Department of Health and Human Services Center for Disease Control (CDC) and Prevention has determined that students are not as active as they were 10 years ago when physical activity was incorporated into each student's schedule (KidsWalk-to-School, CDC). This has caused the percentage of overweight students from ages six to eleven years to double over the past 30 years. The CDC has determined that the following are benefits associated with students who walk or ride their bicycle to school.

- Increased practice of safe bicycle, pedestrian, and traffic skills
- Knowledge of their environment
- Improved childhood health
- Improved sense of self-image and autonomy
- Reduced childhood obesity
- Conducive to a healthy social and emotional development

- More alert students who do better in school
- Increased likelihood that students will grow up to lead a healthy lifestyle

The Safe Routes to School (SRTS) program and the CDC went on to say that not only does a safe walking and bicycling environment benefit students, but it also benefits the community in the following ways:

- Decline in the congestion on the roads
- Decreased opportunities for traffic accidents
- Improved air quality
- Improved community security
- Reduced fuel consumption
- Enhanced community accessibility
- Increased community involvement
- Improved partnerships among schools, parents, community groups, and the local government leaders

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INTRODUCTION

LTG has been retained to conduct an Assessment Report for Silver Sands Middle School as part of a Bicycle and Pedestrian School Safety Review Study for the Volusia TPO. Silver Sands Middle School is located at 1300 Herbert Street, in the City of Port Orange. A school location map, that also illustrates the walk zone of the school, is presented as Figure 1.

Background on Silver Sands Middle School

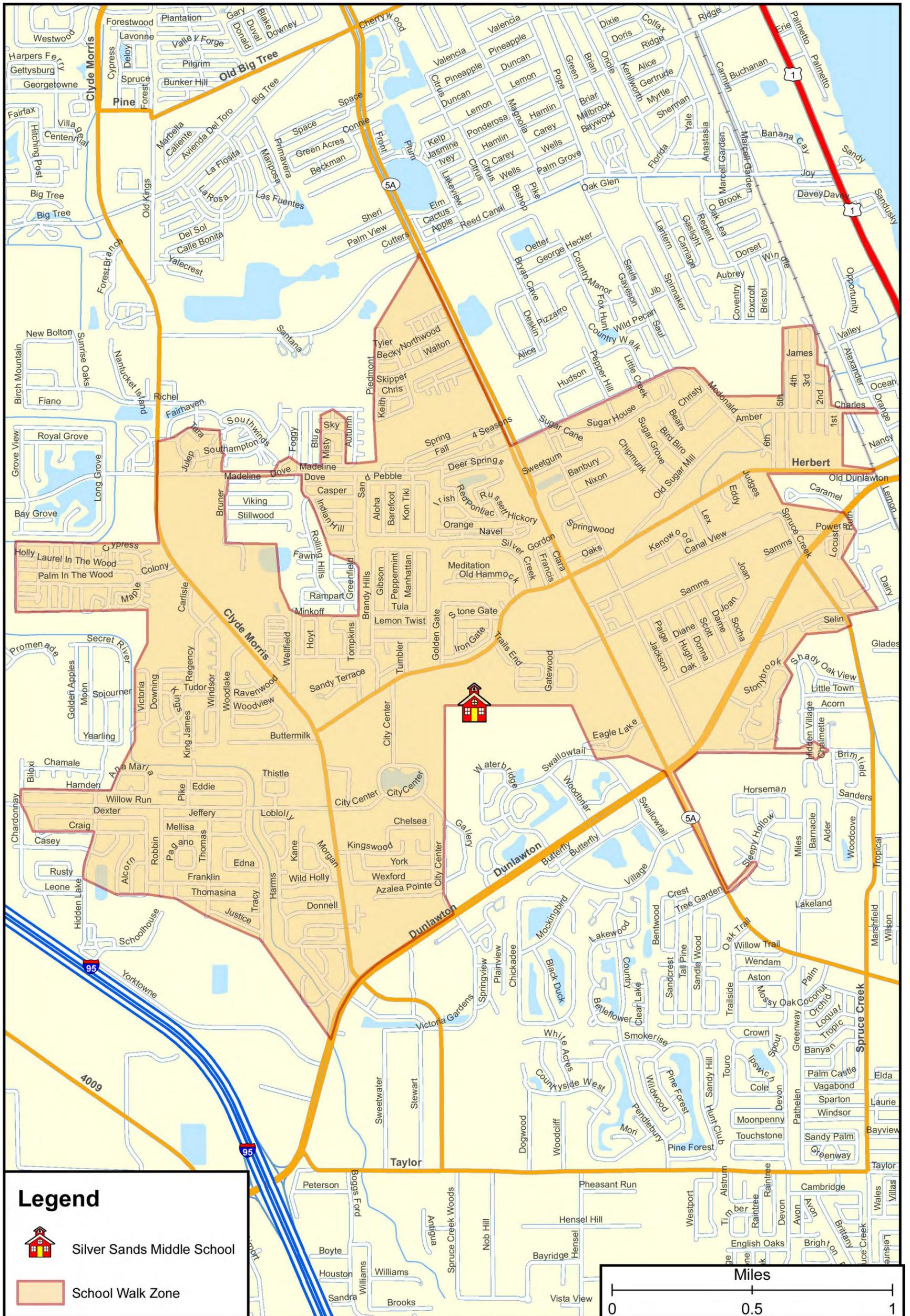
Silver Sands Middle School is rated as a Five Star School in Volusia County and reports a teacher-student ratio of 1:18. The Principal of Silver Sands Middle School is Dr. Rick Inge.

The following information on Silver Sands Middle School has been provided by Principal Inge:

- **Student Population:** 1,305 Students
- **Percentage of Walkers:** 31 percent (approximately 400 students)
- **Number of Volusia County Buses in Use:** 11
- **Location and Description of Access Points:** There are two driveways on Herbert Street (see Figure 2). The western driveway provides access to the bus loop as well as staff parking. The eastern driveway accesses the parent loop as well as visitor parking.



Illustration 1: Driveway to bus loop and staff parking on Herbert Street



Legend

-  Silver Sands Middle School
-  School Walk Zone

Silver Sands Middle School
 Bicycle and Pedestrian School Safety Review Study
 Port Orange, FL

School Location and Walk Zone

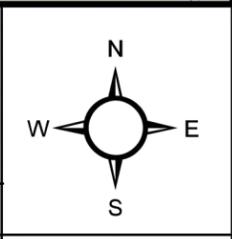
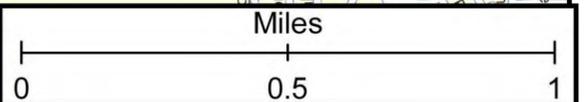


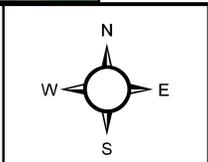
Figure: 1







Silver Sands Middle School
 Bicycle and Pedestrian School Safety Review Study
 Port Orange, Florida



Aerial of School

Figure: 2



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EXISTING CONDITIONS

Silver Sands Middle School is located at 1300 Herbert Street in the City of Port Orange. Access to the school is provided via Herbert Street, an east/west collector, which connects Clyde Morris Boulevard to Nova Road (and US 1, further east).

School Walk Zone

The Silver Sands Middle School walk zone is primarily bounded by Reed Canal Road to the north, Hidden Lake Drive to the west, the FEC railroad tracks to the east, and Dunlawton Avenue to the south. Sugarmill Elementary School is also located within the school's walk zone.

Both Clyde Morris Boulevard and SR 5A are north/south principal arterials which run through the school's walk zone. The school's walk zone consists primarily of residential land uses.

Votran Route 12 travels along both Clyde Morris Boulevard and Herbert Street and Votran Route 7 travels along Nova Road for the duration of the walk zone. No students have been reported to travel to and from school via such public transportation.

Figure 3 shows the approximate locations of the other school within the walk zone, the traffic signals and the bicycle crash locations identified in Table 1.

Crash Data

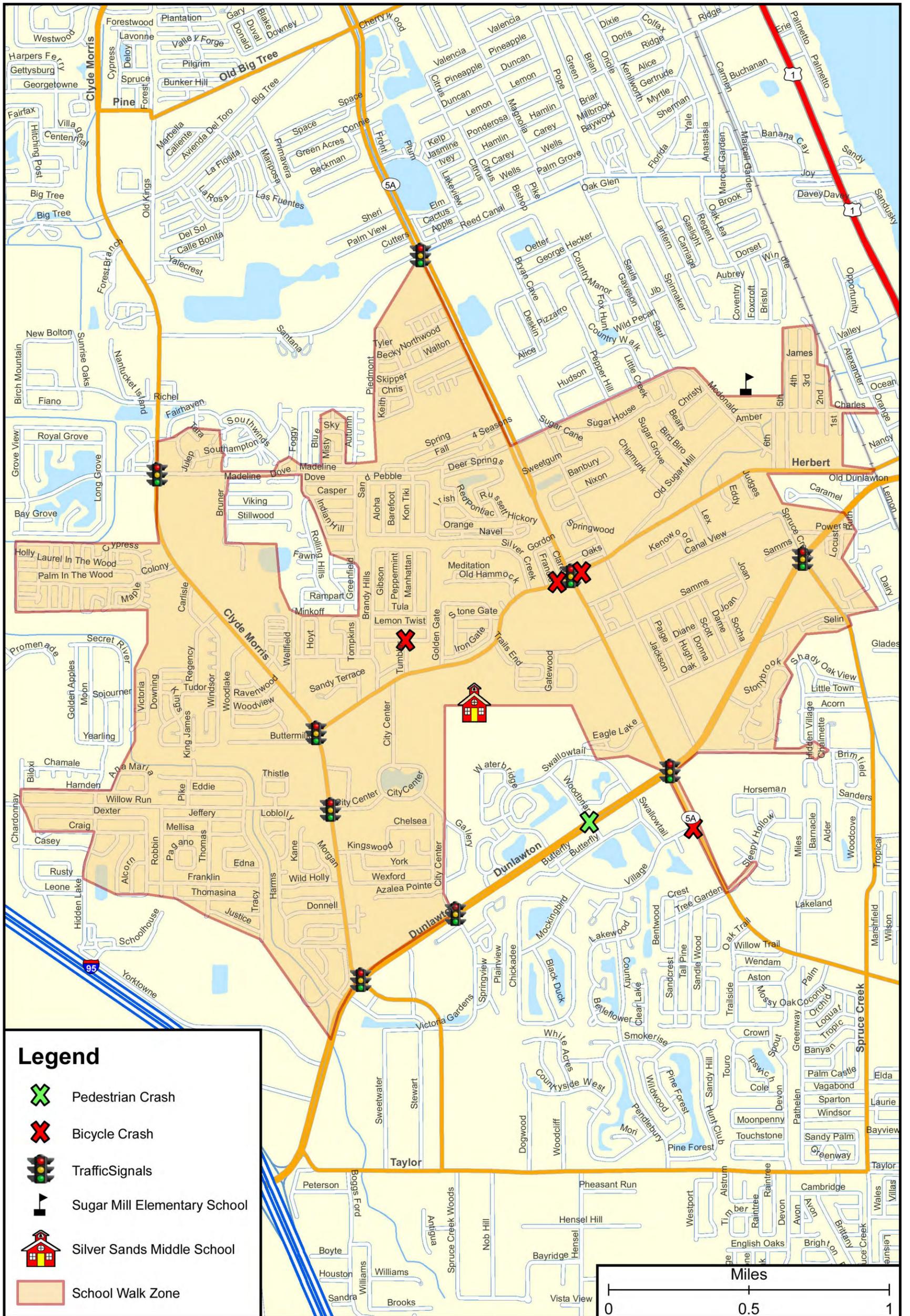
Pedestrian and bicycle crash data for Silver Sands Middle School's walk zone was obtained from Volusia County and is presented in Table 1. The data in Table 1 was generated based on the following guidelines:

- Data was collected during the timeframes of 8:15 a.m.- 9:15 a.m. and 3:15 p.m.- 4:15 p.m. on Mondays, Tuesdays, Thursdays, and Fridays.
- Data was collected during the timeframes of 8:15 a.m.- 9:15 a.m. and 2:15 p.m.- 3:15 p.m. on Wednesdays.
- Data was collected within the walk zone of the school.
- Crashes occurring within the last three years.

**Table 1
Bicycle and Pedestrian Crash Data
Silver Sands Middle School Assessment Study**

DATE	ACCIDENT INTERSECTION	BICYCLE/PEDESTRIAN INVOLVMENT	DAY/NIGHT	AGE OF CYCLIST/PEDESTRIAN
2/22/2007	ORANGE AV @ GRANT ST	COLL. W/ PEDESTRIAN	DAYLIGHT	9
2/28/2008	HERBERT ST @ CLARA ST	COLL. W/ BICYCLE	DAYLIGHT	14
4/18/2008	SR 421 DUNLAWTON AV @ WOODBRIAR TR	COLL. W/ PEDESTRIAN	DAYLIGHT	21
5/26/2008	SR 5A NOVA RD @ HERBERT ST	COLL. W/ BICYCLE	DAYLIGHT	17
9/16/2008	SR 421 DUNLAWTON AV @ VILLAGE TR	COLL. W/ PEDESTRIAN	DAYLIGHT	77
2/2/2009	BRANDY HILLS DR @ TUMBLER DR	COLL. W/ BICYCLE	DAYLIGHT	11

Data collected for this table is attached as Appendix A. The crash data shows that within the walk zone, there were six accidents, of which three were bicycle-related and three were pedestrian-related accidents. Although only two of the cyclists/pedestrians involved appear to have been of middle-school age, a total of five accidents appear to involve possible student-walkers. The detailed reports of these accidents indicate that driver failure to yield is a major cause of accidents in the area. It should also be noted that Silver Sands Middle School Principal Inge has reported that there were two recent accidents involving students being hit by vehicles near the school driveway, although the incidents appear to be unreported.



Legend

-  Pedestrian Crash
-  Bicycle Crash
-  Traffic Signals
-  Sugar Mill Elementary School
-  Silver Sands Middle School
-  School Walk Zone

Silver Sands Middle School
Bicycle and Pedestrian School Safety Review Study
 Port Orange, FL

Existing Conditions

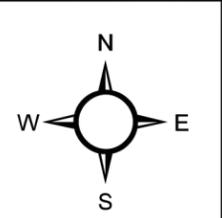


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MEETINGS

A meeting was held at Silver Sands Middle School on Wednesday, May 30, 2011. In attendance were members of the LTG Staff, Volusia TPO Staff, Silver Sands Middle School Principal Rick Inge, and City of Port Orange Transportation Planner Bill McCord. This meeting, along with questionnaires, which were produced by LTG and completed by Principal Inge, assisted in identifying matters of concern within the school walk zone (see completed questionnaires as well as initial letters sent to establish this meeting in Appendix B).

Meeting Summary

Most prevalent among the concerns discussed in the meeting, as expressed by Principal Inge, is the lack of sufficient sidewalks to accommodate students living in the walk zone, which reportedly results in parents choosing to drop-off and pick-up their children. Other concerns pointed out by Principal Inge are as follows:

- Absence of sidewalks on Herbert Street east of Nova Road and near the school, which leads to students walking within the travel lanes.
- The lack of grade separation between the small bike lane on Herbert Street, where students walk, and the travel lane.
- Absence of sidewalks in the area of Sugar Mill (note that the TPO has an ongoing project to fill gaps in this sidewalk network).
- Potential safety issues with students crossing major roadways within the walk zone, unaided (such as SR 5A).



Illustration 2: Looking west on Herbert Street, east of school driveway



Illustration 3: Student crossing SR 5A

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FINDINGS AND RECOMMENDATIONS

This section of the report includes data collected during the on-site and off-site investigative observations of Silver Springs Middle School and its walk zone. Areas of interest identified in the meeting with and completed questionnaire from Principal Inge were investigated, along with a thorough field review of conditions within the walk zone.

For the subject middle school, LTG has evaluated the safety of sidewalk features based on conditions that are deemed hazardous in the *Americans with Disabilities Act (ADA) of 1990 Guidelines*, the *Manual on Uniform Traffic Control Devices (MUTCD)*, the *Florida Department of Transportation (FDOT)*, and the *Federal Highway Administration (FHWA)*. The relevant excerpts are included in Appendices C and D.

On-Site Investigation - A.M. Observations

LTG visited Silver Springs Middle School on April 5, 2011 during school arrival and dismissal time. Both periods were observed for an interval of 30 minutes before and after the bell for a comprehensive view of all queuing, entering, and exiting patterns at different entry/exit points around the school as well as student walking and cycling practices at the supervised crosswalk and along the adjacent roadways. The following general information was gathered:

- The school has two bike rack locations, one near the walker's gate and one near the visitor's parking lot on the east side of the school.
- Bicycles parked in bicycle racks: 20 (approximate)
- Number of skateboards: 0
- Number of helmets: 0
- Two school-related flashing signals located on Herbert Street to the east and west of the school.



Illustration 4: Bike rack located near visitor parking



Illustration 5: Bike rack located near walker's gate

Observation: LTG began the investigation by observing the parent loop. Operations at the parent loop were observed to run smoothly, with no conflicts occurring between students and vehicles. There were multiple signs in place directing parents as to the proper drop-off procedure.

Recommendations: Continuation of existing efforts, which appear to maintain smooth operations at the parent loop during the arrival time.

**On-Site Investigations - P.M.
Observations**

Observation: Parents were observed to pick-up students at the parent-loop, utilizing the appropriate procedure. Stacking of parent vehicles began approximately 40 minutes prior to dismissal time. It should be noted that, as reported by the Principal, some parents choose to pick-up their students at undesignated locations such as the softball field southwest of school property and on the City of Port Orange complex property. This practice is reported not to create any safety conflicts.

Recommendations: The efficiency of operations at the parent loop is likely due to effective parent-education efforts, which should be continued. Administration should periodically monitor other reported unofficial student pick-up locations to ensure that no safety hazards are being created.

Observation: The Port Orange Police Department was observed to assist with traffic operations at the school driveway. This facilitated easier left-turns into and out of the school. Additionally, Principal Inge has noted that parents who do practice improper pick-up procedures, although not observed on this day, are ticketed by police, which discourages these behaviors.



Illustration 6: Flashing signal on Herbert Street, east of school



Illustration 7: Parent loop drop-off



Illustration 8: Stacking at parent-loop during dismissal time

Observation: Parent vehicles were observed to back-up from the parent-loop driveway onto Herbert Street as far east as the adjacent Nova Road Campground and a maximum spill-over queue of three vehicles to the west was observed. Traffic on this segment of Herbert Street during this time was observed to be primarily school traffic.

Recommendation: Herbert Street is a two-lane facility. There is no opportunity for non-school traffic to pass vehicles that may be queued on Herbert Street. However, Silver Sands Middle School

has been long-established at its existing location. Community familiarity with the peak-traffic periods along this segment of Herbert Street due to the school traffic, likely minimizes through traffic. Additionally, the good relationship between the school and the Police Department and the frequent police presence helps to improve operational safety at this location.

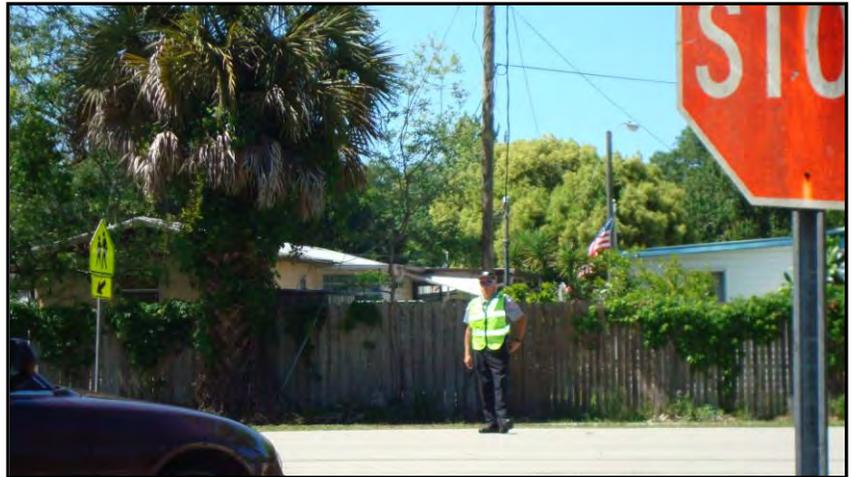


Illustration 9: Port Orange police officer positioned to direct traffic at school driveway to parent loop

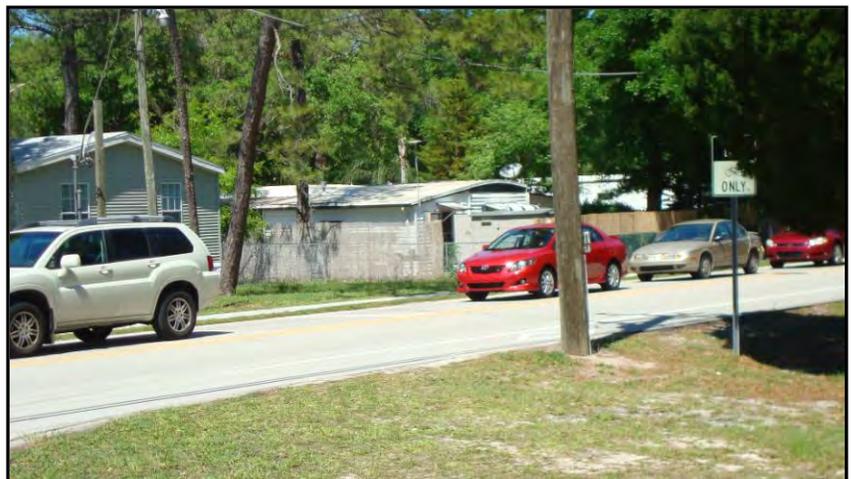


Illustration 10: Westbound Herbert Street at school driveway



Illustration 11: Eastbound Herbert Street at school driveway

Off-Site Investigation

Observations: There is no sidewalk along the southern side of Herbert Street, in front of the school property. There are other incidents of poor sidewalk connectivity throughout the walk zone on Herbert Street itself and other primary walk routes. This leads to students walking within the travelled way since there are often too-small shoulders to accommodate them in the absence of sidewalks themselves. Sidewalk coverage is further explored within the next section

Recommendation: Gaps in sidewalk coverage on primary walk routes should be filled in order to improve sidewalk connectivity and student safety, while walking to and from school.



Illustration 12: Looking east on Herbert Street at southern edge where no sidewalk is present.

Parallel and Perpendicular Sidewalk Inventory

An inventory of sidewalk coverage within the walk zone was taken. The focus of this inventory was the east/west and north/south urban collectors within the walk-zone, shown in Tables 2 and 3, respectively. This was to verify whether there are routes of continuous sidewalk coverage that can be taken to and from the school and whether or not any of these routes are considered hazardous.

Florida Highway Administration (FHWA) guidelines indicate that urban collector roadways should have sidewalk coverage on both sides of the roadway where there is commercial development, and on at least one side of the road where there is residential development. The following sidewalk and crosswalk improvements are recommended to improve connectivity within the walk zone:

- Install a sidewalk on the south side of Herbert Street from the school bus loop drive to just east of Nova Road (approximately 2,700 ft). It should be noted that conditions on Herbert Street have been examined in feasibility studies conducted by the Volusia TPO and the City of Port Orange in recent years. One such 2004 study resulted in the installation of sidewalk on the northern side of Herbert Street, west of the school. This study also produced sidewalk placement sketches for sidewalk installation on south side of Herbert Street from just west of Nova Road to the front of the school. Easement and right-of-way constraints have delayed implementation of these sidewalk recommendations to date.
- Install sidewalk on the south side of Herbert Street from Nova Road to the existing crosswalk at Old Sugar Mill Drive (approximately 1,050 feet).
- Install sidewalk (and associated crosswalks) on the northern side of Old Sugar Mill Road between Herbert Street and McDonald Road, except where coverage exists between Sugarplum Lane East and West (approximately 2,500 feet).
- Install Sidewalk (and associated crosswalks) on the west side of Jackson Street from Herbert Street to Madeline Avenue (approximately 2,350 feet). Easement and right-of-way constraints may exist.
- Install Sidewalk (and associated crosswalks) on the east side of Jackson Street from Oak Street to Canal View Blvd (approximately 1,850 feet). Easement and right-of-way constraints may exist.
- Install Sidewalk (and associated crosswalks) on the south side of Canal View Boulevard from Nova Road to Jackson Street (approximately 650 feet). Easement and right-of-way constraints may exist.
 - Sidewalk installation is not being recommended along Herbert Street from Jackson Street to the FEC Rail Road tracks at this time. Due to the severe right-of-way constraints along this segment of roadway, the installation of sidewalks does not appear feasible. In instances where there are no short term fixes for poor sidewalk connectivity, the importance of pedestrian safety education is magnified. Therefore, Silver Sands Middle School should continue their ongoing safety education efforts, in collaboration with the TPO which has numerous resources such as a bike and pedestrian safety video and a pedestrian safety enforcement program, to commence in 2012.

**Table 2
East/West Urban Collector Sidewalk Inventory
Silver Sands Middle School Assessment**

East/West Roadway	Segment	Sidewalk Details			
		Sidewalk Coverage	Side of Road		
			North	South	Exceptions
Madeline Avenue	Clyde Morris Boulevard to Tradewinds Lane	✓	✓		
	Tradewinds Lane to Bruner Road	No			
	Bruner Road to Nova Road	✓		✓	
Old Sugar Mill Road	Herbert Street to McDonald Road	No			There is approximately 600 ft of sidewalk present on north side between Sugarplum Lane, east and west
Herbert Street	Clyde Morris to City Center Drive	✓	✓	✓	No sidewalk present on south side between Terrace Village Drive and City Center Drive
	City Center Drive to Golden Gate Circle	✓	✓	✓	
	Golden Gate Circle to Old Hammock Road	✓	✓		
	Old Hammock Road to Nova Road	No			
	Nova Road to FEC RR tracks	No			
	FEC RR tracks to US 1	✓	✓	✓	
Canal View Blvd	Nova Rd to Jackson St	No			
Willow Run Boulevard	Chardonay Avenue to City Center Circle	✓	✓		

**Table 3
North/South Urban Collector Sidewalk Inventory
Silver Sands Middle School Assessment**

North/South Roadway	Segment	Sidewalk Details			
		Sidewalk Coverage	Side of Road		
			West	East	Exceptions
Clyde Morris Boulevard	Dunlawton Ave to Willow Run Blvd	✓	✓	✓	
	Willow Run Blvd to Herbert St	✓	✓	✓	
	Herbert St to Madeline Ave	✓	✓	✓	
SR 5A (Nova Road)	Reed Canal Rd to Madeline Ave	✓	✓	✓	
	Herbert St to Madeline Ave	✓	✓	✓	
	Reed Canal Rd to Madeline Ave	✓	✓	✓	
Jackson Street	Oak St To Canal View Blvd	No			
	Canal View Blvd To Herbert St	No			
	Herbert St To Madeline Ave	No			

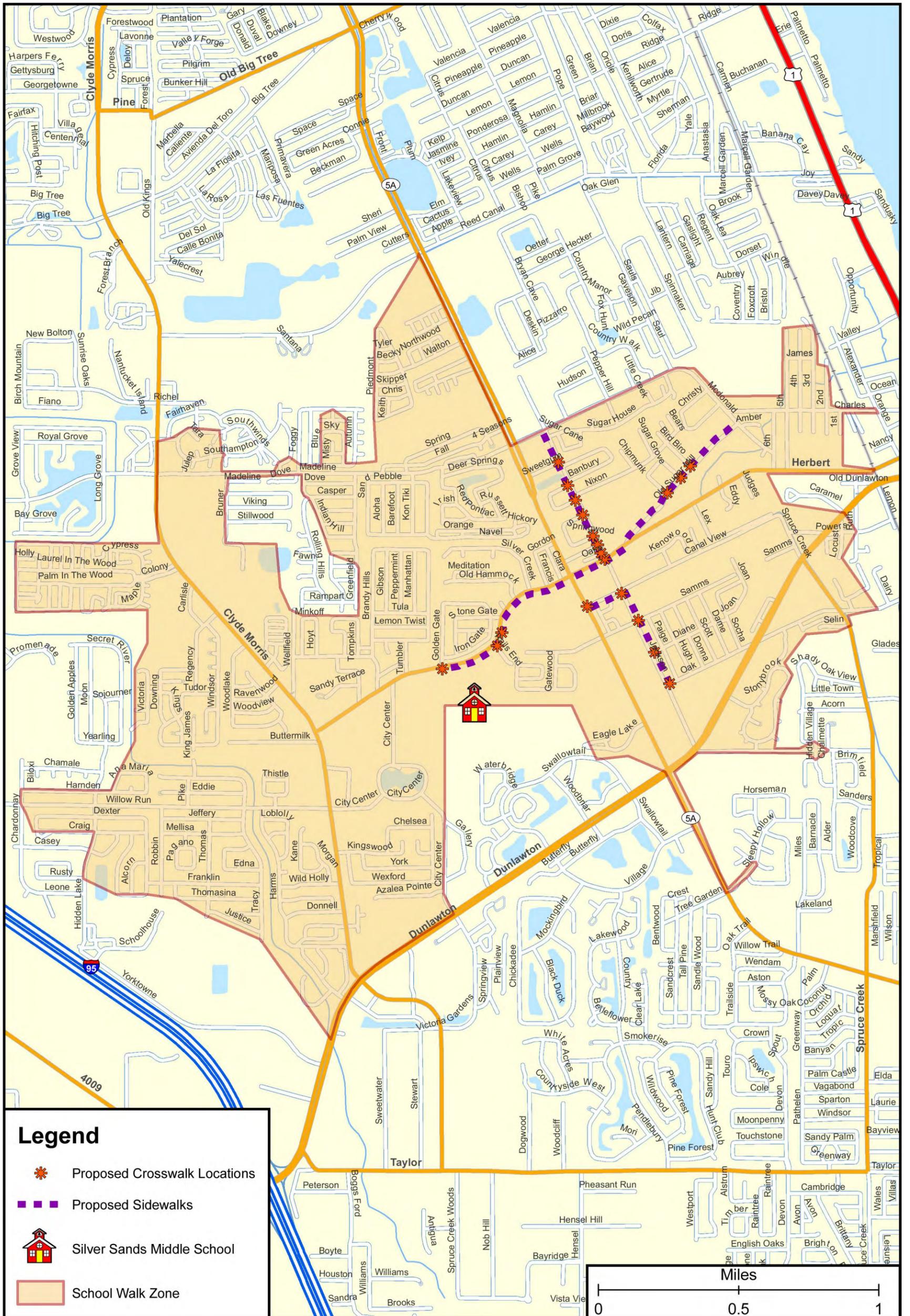
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SUMMARY

Table 5 summarizes all recommendations that have been made within this report. These recommendations and existing conditions are also illustrated on Figure 4. It should be noted that Volusia County has identified \$1,250,000 for the purpose of constructing sidewalks at not-yet determined locations in its 2011/2012-2015/2016 Transportation Improvement Program. Therefore, it is recommended that the City of Port Orange and the County collaborate to implement the recommendations of highest priority.

Table 4
Summary of Recommended Improvements
Silver Sands Middle School Assessment Study

Location	Observations	Recommendations
Off-Campus		
Various sidewalk locations in walk zone	There are gaps in sidewalk connectivity along major walk-zone routes	Recommend that sidewalk be installed or extended to increase connectivity in the walk zone. See section 5 for detailed segments



Legend

-  Proposed Crosswalk Locations
-  Proposed Sidewalks
-  Silver Sands Middle School
-  School Walk Zone

Silver Sands Middle School
Bicycle and Pedestrian School Safety Review Study
 Port Orange, FL

Proposed Recommendations

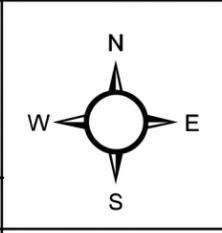


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EXECUTIVE SUMMARY – IMPLEMENTATION REPORT

Lassiter Transportation Group, Inc. (LTG) was retained by the Volusia Transportation Planning Organization (VTPO) to prepare an Implementation Report for the Bicycle and Pedestrian School Safety Review Study for 17 Volusia County schools. The Implementation Report for the Pedestrian and Bicycle School Safety Review Study is based on observations and recommendations of the Assessment Report and includes cost data, ranking criterion for the recommended improvements, and the best practices to follow on old and new developments. The subject of this Implementation Report is Silver Sands Middle School. Recommendations for sidewalk improvements within this report have an associated total cost of \$285,124.35.

Assessment of Existing Conditions

Conditions within the walk zone of Silver Sands Middle School have been presented and assessed within the Assessment Report contained in the previous sections. Recommendations were also made within those sections to improve observed conditions. These recommendations are evaluated within the following sections, based on these factors:

- Safety severity
 - Distance from the school
 - Crashes
 - Traffic flow (how it affects walkers and bicyclists)
- Benefits associated with improvement
 - Walker and bicyclist traffic
 - Walking and bicycling network/connectivity
- Constructability
- Cost

Each safety issue was rated, ranked, and placed on a prioritized list. A preliminary cost estimate was completed using the FDOT's *2010 Basis of Estimates Manual*. Actual construction costs may vary based on detailed engineering. It is noted that an in-depth engineering constructability analysis of the project should be conducted to determine if the recommendation can be constructed at the suggested estimated cost since recommendations are based on field observations.

8

BEST PRACTICES

This section of the report will address the best practices which make walking and bicycling a safer mode of transportation for students. These practices are not only applicable to the walk zone but to any new or old development that supports walking and bicycling. The data gathered for this section of the report comes from the Federal Highway Administration (FHWA), Americans with Disabilities Act of 1990 (ADA), and other documents that are supported by the Florida Department of Transportation (FDOT) and the Volusia County School District.

Sidewalk Design for New Roadways and Developments

Findings

Sidewalk design for new roadways and developments are usually based on anticipated pedestrian demand, the type of development, whether residential, industrial, or commercial, and the jurisdiction. Developers may not want to construct sidewalks because the adjoining properties may not have sidewalks. In some cases, development requirements did not address sidewalk construction or connectivity. These conditions have led to developments that do not include sidewalk connectivity.

Best Practices

When planning a development which is located within the walk zone of a school, safe, connected networks of sidewalks that can be easily navigated by students should be required. If it is not possible to have safe sidewalks then multi-use trails should be considered.

All sidewalks should provide for disabled pedestrians and ought to be incorporated into the planning process for all new roadways and developments. The FHWA has established the following guidelines to assist local jurisdiction with determining when and where pedestrian facilities are needed.

- Develop sidewalks as integral parts of all city streets
- If land use plans anticipate pedestrian activity then sidewalks should be constructed as part of the street development
- Sidewalks should connect nearby urban communities
- Provide sidewalks in rural and suburban areas at schools, local businesses, and industrial plants that result in pedestrian concentrations
- Provide sidewalks whenever the roadside and land development conditions are such that pedestrians regularly move along a main or high-speed highway
- Incorporate sidewalks in rural areas with higher traffic speeds and the general absence of lighting
- Construct sidewalks along any street or highway without shoulders, even if there is light pedestrian traffic

The FHWA went on to say that to initiate the sidewalk installation guidelines above and to promote accessible sidewalk facilities, municipalities should consider the following recommendations:

- Agencies should accept bids from contractors who understand and construct accessible facilities
- Require employees and contractors to demonstrate their knowledge of accessibility topics. If, at any stage of the development process (i.e., planning, design, or installation) accessibility is not addressed, hold the responsible party accountable and make improvements.

- Engineering, transportation, and public policy decision makers should partner with transit providers on projects and programs, and require that transit systems include accessible pedestrian facilities
- Consult with representatives from disability agencies and organizations during all phases of project development
- Include persons with disabilities in the first phases of programming, planning, designing, operating, and constructing pedestrian facilities
- Agencies should ensure that accessibility guidelines are followed throughout planning, project development, and construction of pedestrian facilities

Other local agencies, such as the school board within which the development falls, and the city or county planner, should make sure that the sidewalks are within the minimum set requirements, have good connectivity between residential and commercial developments, increases the allowable densities near major intersections (wider sidewalks), are near major shopping areas and transit lines, and ensure pedestrian friendly sidewalk designs. However, specific design principles must be in place before these options can be exercised. Planning for pedestrian sidewalk usage should be one of the primary goals for developers and should be an integral part of planning for walkable communities.

The FHWA's guidelines of best practices for the installation of new sidewalks indicate that new developments should consider the following sidewalk safety features to plan for walkers and bicyclists:

- Sidewalks should be constructed on both sides of the road
- Wide pathways
- Acceptable lighting
- No obstacles within walkway
- Sidewalk connectivity
- Sidewalk network
- ADA compliant
- Pedestrian facilities (e.g., shaded benches)
- Changes in grade and slope should be moderate

Sidewalk Retrofit

Findings

Cities, counties, and states have codes and regulations that determine how wide a sidewalk must be and how much shoulder should exist between the sidewalk and pavement. The cities and counties must also follow regulations, set by the ADA, to aid disabled pedestrians. These codes have changed as a result of society working towards consuming less energy and promoting safety and healthier lifestyles. In some older neighborhoods, sidewalks are not up to standards since ADA guidelines were not developed and implemented until the 1990s. If the roadway is retrofitted in the future, then existing sidewalks must be brought into compliance with current ADA standards.

Issues with retrofitting sidewalks may include right-of-way costs, conflicting drainage features or swales in the right-of-way, and steep grades. Some sidewalks may have all the aforementioned issues but insufficient right-of-way for retrofitting.

Best Practices

It is best to create developments with school routes, pedestrian transit routes, and amenities within close walking distances. However, retrofitting sidewalks should be considered in older, noncompliant developments. Additional right-of-way may be required to implement retrofit recommendations.

Projects aimed at retrofitting older sidewalks should research data pertaining to what type of right-of-way exists, a cost analysis of the right-of-way purchase, cost of construction, the condition of existing sidewalks, and the benefits associated with the project. The right-of-way acquisitions process is detailed in *The Real Estate Acquisition Handbook* and is produced by the FDOT.

Existing Substandard Sidewalk

Findings

Older neighborhoods and developments that did not plan for pedestrians may have existing substandard sidewalks. Substandard sidewalk issues include the following (Pedestrian and Bicycle Information Center):

- Sidewalks are buckled, lifted, or cracked due to tree roots or other causes
- Sidewalks are blocked due to the placement of utility poles, sign posts, potholes, fire hydrants, bus benches, newspaper racks, parked cars, or other obstructions
- Sidewalks are blocked by bushes or low tree branches
- Sidewalks lack curb ramps at street corners, crosswalks, and driveways
- The driveway side slopes are steep and hard to cross
- Sidewalk shoulders and adjacent drop-offs are excessive

Any of these existing conditions may make walking and bicycling difficult. When sidewalks are obstructed or do not have curb ramps, it is difficult for walkers and bicyclists to get off the sidewalk and on to the pavement to walk around the obstruction. Driveways with steep side slopes may cause walkers to trip or bicyclists to lose balance.

Best Practices

It is important to determine what sidewalks are substandard and those sidewalks should be placed on a prioritized list to be repaired or brought up to current standards. Maintaining existing sidewalks is paramount to providing a safe walking and bicycling environment.

The restriction of heavy vehicles on the sidewalk, installing root barriers if trees are planted too close to a sidewalk, and removing obstacles will keep sidewalks safe for students who are walking or bicycling to school. Depending on the average width of tree root spread, there should be rules that determine what species, and how far, trees must be planted from the sidewalk to prevent cracks and buckling. Trees and bushes should be kept trimmed to avoid blocking the sidewalk and to maximize the mobility of pedestrians. For obstacles that cannot be moved, regulations should be developed that prevent future installations affecting the sidewalk.

Driveways that have steep slopes should be re-graded to conform to ADA approved practices. This will allow for an easy transition between the sidewalk and the driveway for all pedestrians and bicyclists.

Curb ramps should be installed at all crossings, wherever applicable, such as at an intersection or at a mid-block crossing. Sidewalks should end at a detectable warning strip or whenever the sidewalk changes, such as at a mid-block crossing, and should conform to standards approved by the ADA. Standards set by the ADA include the width, length, slope, and texture of curb ramps and the width and length of landings, if they are needed.

Sidewalk Maintenance

Findings

A sidewalk that clearly has maintenance issues may inhibit pedestrian and bicyclist usage. Existing sidewalks may be hazardous to pedestrians and bicyclists if the following issues exist (FHWA):

- Step separation - a vertical displacement of 13 mm (0.5 in) or greater that could cause pedestrians to trip or prevent the wheels of a wheelchair or stroller from rolling smoothly
- Badly cracked concrete - holes and rough spots ranging from hairline cracks to indentations wider than 13 mm (0.5 in)
- Spalled areas - fragments of concrete or other building material detached from larger structures
- Settled areas that trap water - sidewalk segments with depressions, reverse cross slopes, or other indentations that make the sidewalk path lower than the curb; these depressions trap silt and water on the sidewalk and reduce the slip resistant nature of the surface.
- Tree root damage - roots from trees growing in adjacent landscaping that cause the walkway surface to buckle and crack
- Vegetation overgrowth - ground cover, trees, or shrubs on properties or setbacks adjacent to the path that have not been pruned can encroach onto the path and create obstacles
- Obstacles - objects located on the sidewalk, in setbacks, or on properties adjacent to the sidewalk that obstruct the passage space or the visibility of sidewalk users; obstacles commonly include trash receptacles, utility poles, newspaper vending machines, and mailboxes
- Blocked or inadequately protected drainage inlets and inadequate flow planning
- Temporary construction interruptions
- Inadequate patching after utility installation

Sidewalks are typically in the public right-of-ways and are the sole responsibility of the City or County, depending on who has jurisdiction over that roadway. In some cases, sidewalks are provided along privately maintained roads and common spaces and are the responsibility of a Homeowners Association (HOA) or other property management entity.

Best Practices

- A division of the City or County should be solely dedicated to sidewalk maintenance or, if in the case of privately maintained sidewalks, should be addressed through code enforcement procedures.
- Sidewalk maintenance issues should be placed on a prioritized list of sidewalk projects to be completed.
- Maintenance issues should be solved by using strategies standard to road maintenance. This will minimize the risk of walkers and bicyclists on their way to and from school; and all maintenance issues should be handled consistently throughout the jurisdiction.

Improving Existing Roadway Conditions

Findings

Existing roadway conditions may not offer enough safety for walkers and bicyclists. Motorists may speed within school walk zones and not pay attention to their surroundings. Motorists pulling out of driveways may look for oncoming vehicles but may not look for walkers and bicyclists crossing the driveway.

Best Practices

Roadway conditions can be improved to maintain safety and accessibility for walkers and students who may want to ride their bicycles to school. The following are best practices that improve existing roadway conditions for walkers and students who choose to ride their bicycles to school.

- Signage and pavement markings should be highly visible and current
- Traffic calming devices should be considered to reduce speeds
- Speed studies should be conducted to lower speed limits year-round
- ADA standards should be adhered to
- Consider one-way streets if traffic is too congested during the arrival and dismissal times

- Strict police enforcement should be imposed to deter illegal and unsafe parking practices as well as moving violations within the school zone

Pavement Markings

Findings

Pavement markings are essential to the transportation system to communicate and enhance the messages of roadway operational conditions by augmenting other traffic control devices. School pavement markings and crosswalk markings are especially important since they alert the motorist of walkers and bicyclists entering the pavement at crosswalks and intersections. Pavement markings can easily fade or become obliterated over time. It was observed that SCHOOL markings, which warn motorists that they will soon enter into a school zone, are often faded, cracked, or chipped.

Best Practices

The following best practices are recommended to improve the safety, life, and effectiveness of pavement markings.

- SCHOOL pavement markings and crosswalk markings should be clear and visible in order to warn motorists that they are entering a school zone and/or children are crossing.
- The FDOT's current standard (Index No. 17346) uses a special emphasis crosswalk that lengthens the life of the crosswalk marking.
- Thermoplastic paint should be used for all pavement and school markings to enhance the visibility of walkers and bicyclists. Thermoplastic paint should be used since it is durable, retro-reflective.
- The crosswalk should align with the sidewalk ramps.
- Crosswalks should be installed where walkers and bicyclists are in the pavement for the shortest distance and time possible.
- Pavement markings should be accompanied by the proper signage.
- Pedestrian median refuges should be installed for long crosswalks with interim medians.
- Walkers and bicyclists should be dissuaded from crossing at intersections or mid-block crossings where heavy traffic exists unless accompanied by crossing guards.

Traffic Signal Control

Findings

Traffic signalization has an important role in promoting safety for students who walk or bicycle to school. Drivers at busy intersections can easily overlook students trying to cross a street; consequently, signals allow students the necessary time to safely cross busy intersections.

School flashing beacons (Illustration 11) also play an important role in safety. Flashing beacons alert drivers that they are entering a school zone and indicate that the displayed speed limit is in effect. It was observed that school flashing beacons can be



Illustration 13: Flashing beacon traffic signal control

operated manually or can be pre-set to turn off/on during pre-programmed timeframes. Manually run school flashing beacons are usually operated by school crossing guards, who are primarily assigned to cross elementary school students. Unfortunately, this does not address the needs of middle school students.

Best Practices

- Pedestrian signal heads should be considered at all intersections that utilize traffic control signals for motor vehicles within the school walk zones.
- Pedestrian signal buttons should be placed such that it is obvious to elementary and middle school students which buttons to press to access the desired sidewalk.
- Pedestrian signal heads should employ the countdown display which exhibits the symbols of the WALKING MAN beside the numerical countdown. This will help students to decide if they have enough time to cross or if they should wait for the next pedestrian signal phase.
- Students should be educated on the proper ways to cross an intersection when using a pedestrian signal head.
- For students who must cross more than two lanes of traffic, the assignment of crossing guards or overhead pedestrian bridges should be considered.
- U-turns and Right-on-Reds should be prohibited at intersections where students utilize pedestrian crossings.
- School attendance zones that have crossings at heavily congested intersections should have their walk zones re-evaluated so that students can either walk to another school or transportation could be provided.

Enforcement and Education

Findings

Walkers and bicyclists do not always follow proper crossing procedures. Students may dart through traffic to access the school in the mornings or access a vehicle parked across the road from the school in the afternoons. Students may also cross streets at mid-block without the aid of a crosswalk or an adult. (Illustration 12). When crosswalks do exist, students do not always follow proper crossing procedures.

Regulations are not always followed by adults dropping off/picking up students. Motorists were observed to park in No Parking areas and make prohibited vehicular movements, including U-turns. Some motorists were observed to be speeding within the reduced-speed zone.

Students who choose to ride their bicycles to school do not always wear helmets.

Best Practices

- Students and parents should be educated on proper crossing procedures. Parents, crossing guards, and School Resource Officers (SRO) should be the main resources for safety.
- Parents should receive flyers or recorded messages on a school-wide basis to inform them of the proper drop-off/pick-up procedures. Strict enforcement of these procedures should eventually deter parents from practicing unsafe drop-off/pick-up actions.
- Prohibited vehicular movements should be strictly handled and higher fines could be considered, where allowable by law, during the arrival and dismissal times of school.
- Helmets should always be worn by bicycling students. Parents, school staff, crossing guards, and SROs should encourage helmet usage. Non-compliant helmet users should be dealt with consistently and strictly.

- Encourage walking and bicycling by providing free helmets, stickers, reflective gear, or create an incentive program.
- Schools should provide a safe and secure bicycle storage facility for students who choose to ride their bicycles to school (Illustration 12)
- Parents should be informed about the different walking and bicycling programs available and the school and its volunteers should assist in planning and implementing those programs.
- Students who are regular walkers and bicyclists should be paired with other walkers and bicyclists who live in the same area.
- Crossing guards should be involved in the re-zoning of walk zones since they have a better understanding of the distribution of the walker and bicyclist population.



Illustration 14: One of two secure bicycle racks provided at the school

School Board Considerations

Findings

School districts generally employ the two-mile walk route to determine the walk zone. This is not always the best option to promote safety. Students may have to cross congested intersections, too many intersections, and/or busy driveways.

Sidewalks are not always located on both sides of the road. This may encourage unsafe crossings where no crosswalks exist. Walk zones can also include sidewalks that end at an unsignalized intersection with no safe alternative to gain access to the sidewalk on the opposite side of the roadway.

It was noted that schools prefer to have one controlled point of entry that is monitored by school staff. In these cases, students who walk or ride their bicycles to school may have to cross busy driveways including drop-off/pick-up loops, bus loops, and even parent and teacher parking lots, to enter/exit the controlled point of entry.

Best Practices

- As defined in F.S. 1006.23, the School District staff collaborates with the Sheriff's crossing guards, City and County Public Works and FDOT to evaluate a school's walk zone and its hazardous walking conditions as defined.
- In effort to avoid the inter-mingling of elementary, middle, and high school traffic, school arrival and dismissal, Volusia County School District has a three-tiered bell schedule. Further, each school separates bus traffic from parent pick-up drop-off traffic.
- It is necessary to review all new development plans within the school walk zone to ensure that developers are providing sidewalks on either side of the road and maintaining sidewalk connectivity and networking to the school. Volusia County School District is a member of city and county development review teams and reviews new site plans and subdivisions to ensure adequate area is designated for school bus stops and sidewalks. City and County land development regulations require sidewalks.

- All new schools should be planned with good sidewalk connectivity/network to all neighborhoods and developments within its walk zone.
- As required by F.S. 1006.23, Volusia County School District provides bus service to students who do not have access to safe routes to school.
- There are certain programs which promote walking and bicycling to school. Volusia County School District currently participates in such programs (e.g. Walking School Bus, SAFE KIDS Walk This Way, and International Walk to School Day). Bicycle and pedestrian safety is part of the existing elementary physical education curriculum.
- A No Backpack policy should be considered to encourage walking and bicycling to school and consideration to the following is recommended:
 - All textbooks should be accessible on-line
 - A set of textbooks should be available at the local library
 - Provide students with a set of textbooks to keep at home
- Each school should enforce bicycle safety, helmet usage should be closely monitored for compliance, and PTA meetings to ensure parent support and compliance with these policies should be promoted.
- All teachers assisting during arrival/dismissal should wear safety vests when they are crossing students or interacting with vehicular traffic.

9

MASTER IMPROVEMENT PLAN

Refer to Figure 4 of the Assessment Section for the recommendations. It highlights the locations of existing conditions as well as the proposed improvements. The following sections will provide more details on the recommendations shown in Figure 4.

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CONSTRUCTABILITY MATRIX

The matrix in Table 5 shows the estimated cost of sidewalk-related projects that are recommended for improvement. FDOT's *2010 Basis of Estimates* manual was used to develop the Constructability Matrix. The estimated construction costs for these recommendations are \$ \$285,124.3. The costs shown in the Constructability Matrix includes material and labor fees. As mentioned before, these improvements are based on field observations and should be verified by a contractor prior to construction.

**Table 5
Constructability Matrix
Silver Sands Middle School Implementation Report**

PRIORITY #	PROJECT NAME	DESCRIPTION		PAY ITEM NUMBER	PAY ITEM DESCRIPTION	PLAN QTY	UNIT MEASURE	UNIT PRICE	ESTIMATED COST
		LOCATION	RECOMMENDATION						
1	Sidewalk Installation	South side of Herbert Street from the bus loop to just east of Nova Road	Install a sidewalk	522-1	SIDEWALK CONC, 4" THICK	4,528.00	SY	\$45.22	\$68,236.98
	Pavement Markings	Herbert Street at the bus loop driveway	Special emphasis crosswalk should be installed	711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	100.00	LF	\$3.53	\$353.00
				711-11-123	THERMOPLASTIC, STD, WHITE, SOLID, 12"	80.00	LF	\$1.84	\$147.20
	Pavement Markings	Herbert Street at the Nova Family Campground entrance driveway and adjacent private street	Special emphasis crosswalk should be installed	711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	170.00	LF	\$3.53	\$600.10
				711-11-123	THERMOPLASTIC, STD, WHITE, SOLID, 12"	136.00	LF	\$1.84	\$250.24
	Pavement Markings	Herbert Street at the Nova Family Campground exit driveway	Special emphasis crosswalk should be installed	711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	100.00	LF	\$3.53	\$353.00
711-11-123				THERMOPLASTIC, STD, WHITE, SOLID, 12"	80.00	LF	\$1.84	\$147.20	
SUBTOTAL:									\$70,087.72
2	Sidewalk Installation	South side of Herbert Street from Nova Road to Old Sugar Mill Road	Install a sidewalk	522-1	SIDEWALK CONC, 4" THICK	1,733.00	SY	\$45.22	\$26,137.16
3	Sidewalk Installation	North side of Old Sugar Mill Road from Herbert to McDonald Road	Install a sidewalk	522-1	SIDEWALK CONC, 4" THICK	1,311.00	SY	\$45.22	\$59,283.42
	Pavement Markings	North side of Old Sugar Mill Road at Sugar Plum Lane S	Special emphasis crosswalk should be installed	711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	88.00	LF	\$3.53	\$310.64
				711-11-123	THERMOPLASTIC, STD, WHITE, SOLID, 12"	70.00	LF	\$1.84	\$128.80
	Pavement Markings	North side of Old Sugar Mill Road at Sugar Plum Lane N	Special emphasis crosswalk should be installed	711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	100.00	LF	\$3.53	\$353.00
				711-11-123	THERMOPLASTIC, STD, WHITE, SOLID, 12"	80.00	LF	\$1.84	\$147.20
	Pavement Markings	North side of Old Sugar Mill Road at Biro Drive	Special emphasis crosswalk should be installed	711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	75.00	LF	\$3.53	\$264.75
711-11-123				THERMOPLASTIC, STD, WHITE, SOLID, 12"	60.00	LF	\$1.84	\$110.40	
SUBTOTAL:									\$60,598.21

**Table 5 Cont'd
Constructability Matrix
Silver Sands Middle School Implementation Report**

PRIORITY #	PROJECT NAME	DESCRIPTION		PAY ITEM NUMBER	PAY ITEM DESCRIPTION	PLAN QTY	UNIT MEASURE	UNIT PRICE	ESTIMATED COST
		LOCATION	RECOMMENDATION						
4	Sidewalk Installation	West side of Jackson Street from Herbert Street to Madeline Ave	Install a sidewalk	522-1	SIDEWALK CONC, 4" THICK	3,907.00	SY	\$45.22	\$58,876.44
	Pavement Markings	On west side of Jackson Street at Herbert Street	Special emphasis crosswalk should be installed	711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	100.00	LF	\$3.53	\$353.00
				711-11-123	THERMOPLASTIC, STD, WHITE, SOLID, 12"	80.00	LF	\$1.84	\$147.20
	Pavement Markings	On west side of Jackson Street at South Oaks Street	Special emphasis crosswalk should be installed	711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	100.00	LF	\$3.53	\$353.00
				711-11-123	THERMOPLASTIC, STD, WHITE, SOLID, 12"	80.00	LF	\$1.84	\$147.20
	Pavement Markings	On west side of Jackson Street at Cobblestone Lane	Special emphasis crosswalk should be installed	711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	100.00	LF	\$3.53	\$353.00
				711-11-123	THERMOPLASTIC, STD, WHITE, SOLID, 12"	80.00	LF	\$1.84	\$147.20
	Pavement Markings	On west side of Jackson Street at Springwood Square South	Special emphasis crosswalk should be installed	711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	88.00	LF	\$3.53	\$310.64
				711-11-123	THERMOPLASTIC, STD, WHITE, SOLID, 12"	70.00	LF	\$1.84	\$128.80
	Pavement Markings	On west side of Jackson Street at Springwood Square North	Special emphasis crosswalk should be installed	711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	88.00	LF	\$3.53	\$310.64
				711-11-123	THERMOPLASTIC, STD, WHITE, SOLID, 12"	70.00	LF	\$1.84	\$128.80
	Pavement Markings	On west side of Jackson Street at Moonstone Court South	Special emphasis crosswalk should be installed	711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	100.00	LF	\$3.53	\$353.00
				711-11-123	THERMOPLASTIC, STD, WHITE, SOLID, 12"	80.00	LF	\$1.84	\$147.20
	Pavement Markings	On west side of Jackson Street at Moonstone Court North	Special emphasis crosswalk should be installed	711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	88.00	LF	\$3.53	\$310.64
				711-11-123	THERMOPLASTIC, STD, WHITE, SOLID, 12"	70.00	LF	\$1.84	\$128.80
	Pavement Markings	On west side of Jackson Street at Sweetgum Lane	Special emphasis crosswalk should be installed	711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	88.00	LF	\$3.53	\$310.64
				711-11-123	THERMOPLASTIC, STD, WHITE, SOLID, 12"	70.00	LF	\$1.84	\$128.80
	SUBTOTAL:								

**Table 5 Cont'd
Constructability Matrix
Silver Sands Middle School Implementation Report**

PRIORITY #	PROJECT NAME	DESCRIPTION	PAY ITEM NUMBER	PAY ITEM NUMBER	PAY ITEM DESCRIPTION	PLAN QTY	UNIT MEASURE	UNIT PRICE	ESTIMATED COST	
		LOCATION	RECOMMENDATION							
5	Sidewalk Installation	East Side of Jackson Street from Oak Street to Canal View Boulevard	Install a sidewalk	522-1	SIDEWALK CONC, 4" THICK	3,098.00	SY	\$45.22	\$46,712.26	
	Pavement Markings	On east side of Jackson Street at Oak Street	Special emphasis crosswalk should be installed	711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	100.00	LF	\$3.53	\$353.00	
				711-11-123	THERMOPLASTIC, STD, WHITE, SOLID, 12"	80.00	LF	\$1.84	\$147.20	
	Pavement Markings	On east side of Jackson Street at Diane Avenue	Special emphasis crosswalk should be installed	711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	113.00	LF	\$3.53	\$398.89	
				711-11-123	THERMOPLASTIC, STD, WHITE, SOLID, 12"	90.00	LF	\$1.84	\$165.60	
	Pavement Markings	On east side of Jackson Street at Samms Avenue	Special emphasis crosswalk should be installed	711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	88.00	LF	\$3.53	\$310.64	
				711-11-123	THERMOPLASTIC, STD, WHITE, SOLID, 12"	70.00	LF	\$1.84	\$128.80	
	SUBTOTAL:									\$48,216.39
	6	Sidewalk Installation	South side of Canal View Boulevard from Nova Road to Jackson Street	Install a sidewalk	522-1	SIDEWALK CONC, 4" THICK	1,083.00	SY	\$45.22	\$16,324.42
		Pavement Markings	South Side of Canal View Blvd at Jackson Street	Special emphasis crosswalk should be installed	711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	75.00	LF	\$3.53	\$264.75
711-11-123					THERMOPLASTIC, STD, WHITE, SOLID, 12"	60.00	LF	\$1.84	\$110.40	
Pavement Markings		East side of Nova Road at Canal View Boulevard	Special emphasis crosswalk should be installed	711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	150.00	LF	\$3.53	\$529.50	
				711-11-123	THERMOPLASTIC, STD, WHITE, SOLID, 12"	120.00	LF	\$1.84	\$220.80	
SUBTOTAL:									\$17,449.87	
TOTAL:									\$285,124.35	

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RECOMMENDED PRIORITY PROJECTS

This section of the report provides additional information about each project in ranking order.

Background: The VTPO is continuing in its capacity to improve the safety of the school walk zone for walkers and bicyclists who live within the school walk zone. The safety issues addressed within this report will be reviewed by the TPO for potential funding to implement the recommended changes and, thereby, improve the safety of the school walk zone, where possible. The safety issues which produce the following five sidewalk recommendations are that gaps in sidewalk coverage along major school routes may force students to walk or bicycle within the travelled way. Provision of well connected sidewalks dictates exactly where students should walk.

Project No. 1: Herbert Street Sidewalk and Crosswalks

Submitting Agency: City of Port Orange
Project Location: South side of Herbert Street from the bus loop to Nova Road
School Served: Silver Sands Middle School
Project Description: **Sidewalk and special emphasis pavement markings**
LAP Coordinator: City of Port Orange
Maintaining Agency: City of Port Orange

Project Description: This project includes installing a sidewalk on the south side of Herbert Street from the bus loop to Nova Road and special emphasis crosswalks at the bus loop driveway, the Nova Family Campground entrance driveway and adjacent private street and the Nova Family Campground exit driveway.

Estimated Cost: The estimated cost for this project is \$70,087.72.

Project No. 2: Herbert Street Sidewalk

Submitting Agency: City of Port Orange
Project Location: South side of Herbert Street from Nova Road to Old Sugar Mill Road
School Served: Silver Sands Middle School
Project Description: Sidewalk installation
LAP Coordinator: City of Port Orange
Maintaining Agency: City of Port Orange

Project Description: This project includes installing a sidewalk on the south side of Herbert Street from Nova Road to the existing crosswalk at Old Sugar Mill Road.

Estimated Cost: The estimated cost for this project is \$26,137.16.

Project No. 3: Old Sugar Mill Road Sidewalk and Crosswalks

Submitting Agency: City of Port Orange
Project Location: North side of Old Sugar Mill Road from Herbert Street to McDonald Road
School Served: Silver Sands Middle School
Project Description: Sidewalk Installation
LAP Coordinator: City of Port Orange
Maintaining Agency: City of Port Orange

Project Description: This project includes installing a sidewalk on the north side of Old Sugar Mill Road from Herbert Street to McDonald Road and special emphasis crosswalks on the north side of Old Sugar Mill Road at Sugar Plum Lane S, Sugar Plum Lane N and Biro Drive.

Estimated Cost: The estimated cost for this project is \$60,598.21.

Project No. 3: Jackson Street Sidewalk and Crosswalks

Submitting Agency: City of Port Orange
Project Location: West side of Jackson Street from Herbert Street to Madeline Avenue
School Served: Silver Sands Middle School
Project Description: Sidewalk Installation
LAP Coordinator: City of Port Orange
Maintaining Agency: City of Port Orange

Project Description: This project includes installing a sidewalk on the west side of Jackson Street from Herbert Street to Madeline Avenue and special emphasis crosswalks on the west side of Jackson Street at Herbert Street, South Oaks Street, Cobblestone Lane, Springwood Square South, Springwood Square North, Moonstone Court South, Moonstone Court North, and Sweetgum Lane.

Estimated Cost: The estimated cost for this project is \$62,635.00.

Project No. 4: Jackson Street Sidewalk and Crosswalks

Submitting Agency: City of Port Orange
Project Location: East side of Jackson Street from Oak Street to Canal View Boulevard
School Served: Silver Sands Middle School
Project Description: Sidewalk Installation
LAP Coordinator: City of Port Orange
Maintaining Agency: City of Port Orange

Project Description: This project includes installing a sidewalk on the east side of Jackson Street from Oak Street to Canal View Boulevard and special emphasis crosswalks on the east side of Jackson Street at Oak Street, Diane Avenue and Samms Avenue.

Estimated Cost: The estimated cost for this project is \$48,216.39.

Project No. 5: Canal View Boulevard Sidewalks and Crosswalks

Submitting Agency: City of Port Orange
Project Location: South side of Canal View Boulevard from Nova Road to Jackson Street
School Served: Silver Sands Middle School
Project Description: Sidewalk Installation
LAP Coordinator: City of Port Orange
Maintaining Agency: City of Port Orange

Project Description: This project includes installing a sidewalk on the south side of Canal View Boulevard from Nova Road to Jackson Street special emphasis crosswalks on the south side of Canal View Boulevard at Jackson Street and the east side of Nova Road at Canal View Boulevard.

Estimated Cost: The estimated cost for this project is \$17,449.87.

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12

APPENDICES

Appendix A

Crash Reports

FLORIDA TRAFFIC CRASH REPORT LONG FORM

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

DO NOT WRITE IN THIS SPACE

Time & Location	DATE OF CRASH 7/16/08	TIME OF CRASH 8:47 AM	TIME OFFICER NOTIFIED 8:47 AM	TIME OFFICER ARRIVED 8:47 AM	INVEST AGENCY REPORT NUMBER 08-00876LS	HSMV CRASH REPORT NUMBER 76330024
	COUNTY / CITY CODE 08156	FEET or MILE(S) N S E W	CITY OR TOWN PORT CHARLES		COUNTY VOLUSIA	
	AT NODE NO or FEET or MILE(S)	FROM NODE NO	NEXT NODE NO	NO OF LANES 2	ON STREET ROAD OR HIGHWAY SWANLOW FAIR DR	
AT THE INTERSECTION OF (street, road or highway) or FEET MILE(S) N S E W FROM INTERSECTION OF (street, road or highway)						

S e c t i o n 1	DRIVER ACTION 1 Phantom 2 Hit & Run 3 N/A	YEAR 00	MAKE TOYOTA	TYPE 03	USE 01	VEH LICENSE NUMBER VBA-375	STATE FL	VEHICLE IDENTIFICATION NUMBER 5TB5038184507548	18 Undercarriage 19 Overturn 20 Windshield 21 Trailer SHOW FIRST POINT OF VEHICLE DAMAGE AND CIRCLE DAMAGED AREA(S)
	TRAILER OR TOWED VEHICLE INFORMATION								2 Undercarriage 3 Driver 4 Other

Vehicle	VEHICLE TRAVELLING ON AT Est MPH Posted Speed EST VEHICLE DAMAGE	1 Disabling 2 Functional 3 No Damage	EST TRAILER DAMAGE	DAMAGE AND CIRCLE DAMAGED AREA(S)
	MOTOR VEHICLE INSURANCE COMPANY (LIABILITY OR PIP) POLICY NUMBER VEHICLE REMOVED BY			
NAME OF VEHICLE OWNER (Check Box If Same As Driver)		CURRENT ADDRESS (Number and Street)		CITY AND STATE ZIP CODE

Pedestrian	NAME OF OWNER (Trailer or Towed Vehicle)	CURRENT ADDRESS (Number and Street)	CITY AND STATE	ZIP CODE
	NAME OF MOTOR CARRIER (Commercial Vehicle Only)	CURRENT ADDRESS (Number and Street)	CITY, STATE AND ZIP CODE	US DOT or ICC MC IDENTIFICATION NUMBERS

NAME OF DRIVER (Take From Driver License) / PEDESTRIAN	CURRENT ADDRESS (Number and Street)	CITY, STATE & ZIP CODE	DATE OF BIRTH
ARTHEMISHA PHELANTER 4035 N. WATKINS BRIDGE CIR P.O.		3229	1-3-31

DRIVER LICENSE NUMBER	STATE	DL TYPE	REG END	ALC/DRUG TEST TYPE	RESULTS	ALC/DRUG	PHYS DEF	RES	RACE	SEX	INJ	S EQUIP	EJECT
P435-053-31-003-4	FL	3	3	1 Blood 3 Urine 5 None 2 Breath 4 Refused	5	01	01	1	1	1	1	2	5

HAZARDOUS MATERIALS BEING TRANSPORTED	PLACARDED	IF YES, INDICATE NAME OR 4 DIGIT NUMBER FROM DIAMOND OR BOX ON PLACARD, AND 1 DIGIT NUMBER FROM BOTTOM OF DIAMOND	WAS HAZARDOUS MATERIAL SPILLED?	RECOMMEND DRIVER RE EXAM, IF YES EXPLAIN IN NARRATIVE	DRIVER'S PHONE NO
1 Yes 2 No	1 Yes 2 No		1 Yes 2 No	1 Yes 2 No	2 1386263-1595

S e c t i o n 2	DRIVER ACTION 1 Phantom 2 Hit & Run 3 N/A	YEAR 15	MAKE CATERPILLAR	TYPE 01	USE 01	VEH LICENSE NUMBER	STATE	VEHICLE IDENTIFICATION NUMBER	18 Undercarriage 19 Overturn 20 Windshield 21 Trailer SHOW FIRST POINT OF VEHICLE DAMAGE AND CIRCLE DAMAGED AREA(S)
	TRAILER OR TOWED VEHICLE INFORMATION								2 Undercarriage 3 Driver 4 Other

Vehicle	VEHICLE TRAVELLING ON AT Est MPH Posted Speed EST VEHICLE DAMAGE	1 Disabling 2 Functional 3 No Damage	EST TRAILER DAMAGE	DAMAGE AND CIRCLE DAMAGED AREA(S)
	MOTOR VEHICLE INSURANCE COMPANY (LIABILITY OR PIP) POLICY NUMBER VEHICLE REMOVED BY			
NAME OF VEHICLE OWNER (Check Box If Same As Driver)		CURRENT ADDRESS (Number and Street)		CITY AND STATE ZIP CODE

Pedestrian	NAME OF OWNER (Trailer or Towed Vehicle)	CURRENT ADDRESS (Number and Street)	CITY AND STATE	ZIP CODE
	NAME OF MOTOR CARRIER (Commercial Vehicle Only)	CURRENT ADDRESS (Number and Street)	CITY, STATE AND ZIP CODE	US DOT or ICC MC IDENTIFICATION NUMBERS

NAME OF DRIVER (Take From Driver License) / PEDESTRIAN	CURRENT ADDRESS (Number and Street)	CITY, STATE & ZIP CODE	DATE OF BIRTH
LEWIS ELLIOTT ANDERSON 1675 DUNCAN TOWN DR PORT CHARLES FL		3229	12-27-26

DRIVER LICENSE NUMBER	STATE	DL TYPE	REG END	ALC/DRUG TEST TYPE	RESULTS	ALC/DRUG	PHYS DEF	RES	RACE	SEX	INJ	S EQUIP	EJECT
H322-532-26-442-FL	FL	5	3	1 Blood 3 Urine 5 None 2 Breath 4 Refused	5	1	7	1	1	1	2	1	2

HAZARDOUS MATERIALS BEING TRANSPORTED	PLACARDED	IF YES, INDICATE NAME OR FOUR-DIGIT NUMBER FROM DIAMOND OR BOX ON PLACARD, AND 1 DIGIT NUMBER FROM BOTTOM OF DIAMOND	WAS HAZARDOUS MATERIAL SPILLED?	RECOMMEND DRIVER RE EXAM, IF YES EXPLAIN IN NARRATIVE	DRIVER'S PHONE NO
1 Yes 2 No	1 Yes 2 No		1 Yes 2 No	1 Yes 2 No	2 386761-1055

VEHICLE TYPE	VEHICLE USE	TRAILER TYPE	RESIDENCE (Driver / Ped.)	PHYSICAL DEFECTS	ALCOHOL / DRUG USE	LOCATION IN VEHICLE
01 Automobile	01 Private Transportation	01 Single Semi Trailer	1 County of Crash	1 No Defects Known	1 Not Drinking or Using Drugs	1 Front Left
02 Van	02 Commercial Passengers	02 Tandem Semi Trailer	2 Elsewhere in State	2 Eyesight Defect	2 Alcohol Under Influence	2 Front Center
03 Light Truck / P.U. - 2 or 4 rear tires	03 Commercial Cargo	03 Tank Trailer	3 Non-Resident Out of State	3 Fatigue / Asleep	3 Drugs - Under Influence	3 Front Right
04 Medium Truck - 4 rear tires	04 Public Transportation	04 Saddle Mount / Flatbed	4 Foreign 5 Unknown	4 Hearing Defect	4 Alcohol & Drugs - Under Influence	4 Rear Left
05 Heavy Truck - 2 or more rear axles	05 Public School Bus	05 Boat Trailer	DL TYPE	5 Illness	5 Had Been Drinking	5 Rear Center
06 Truck Tractor (Cab-Booth)	06 Private School Bus	06 Utility Trailer	1 A 2 B 3 C	6 Seizure, Epilepsy, Blackout	6 Pending ALC/DRUG Test Results	6 Rear Right
07 Motor Home (RV)	07 Ambulance	07 House Trailer	4 D/ Chauffeur	7 Other Physical Defect		7 In Body Of Truck
08 Bus (driver + seats for 9-15)	08 Law Enforcement	08 Pole Trailer	5 E/ Operator			8 Bus Passenger
09 Bus (driver + seats for over 15)	09 Fire / Rescue	09 Towed Vehicle	6 E/ Oper - Rest			9 Other
10 Bicycle	10 Military	10 Auto Transport	7 None			
11 Motorcycle	11 Other Government	77 Other	REQUIRED ENDORSEMENTS			
12 Moped	12 Dump		1 Yes			
13 All Terrain Vehicle	13 Concrete Mixer		2 No			
14 Train	14 Garbage or Refuse		3 No Endorsement Required			
15 Low Speed Vehicle	15 Cargo Van					
77 Other	77 Other					

DRIVER ACTION 1 Phantom 2 Hit & Run 3 N/A	YEAR	MAKE	TYPE	USE	VEH LICENSE NUMBER	STATE	VEHICLE IDENTIFICATION NUMBER	15	16	17	18 Undercarriage 19 Overturn 20 Windshield 21 Trailer			
TRAILER OR TOWED VEHICLE INFORMATION								SHOW FIRST POINT OF VEHICLE DAMAGE AND CIRCLE DAMAGED AREA(S)						
VEHICLE TRAVELLING N S E W		ON	AT	Est MPH	Posted Speed	EST VEHICLE DAMAGE	1 Disabling 2 Functional 3 No Damage	EST TRAILER DAMAGE		DAMAGE AND CIRCLE DAMAGED AREA(S)				
MOTOR VEHICLE INSURANCE COMPANY (LIABILITY OR PIP)					POLICY NUMBER	VEHICLE REMOVED BY		1 Tow Rotation List 2 Tow Owner's Request	3 Driver 4 Other					
NAME OF VEHICLE OWNER (Check Box If Same As Driver)					CURRENT ADDRESS (Number and Street)		CITY AND STATE		ZIP CODE					
NAME OF OWNER (Trailer or Towed Vehicle)					CURRENT ADDRESS (Number and Street)		CITY AND STATE		ZIP CODE					
NAME OF MOTOR CARRIER (Commercial Vehicle Only)					CURRENT ADDRESS (Number and Street)		CITY STATE AND ZIP CODE		US DOT or ICC MC IDENTIFICATION NUMBERS					
NAME OF DRIVER (Take From Driver License) / PEDESTRIAN					CURRENT ADDRESS (Number and Street)		CITY, STATE & ZIP CODE		DATE OF BIRTH					
DRIVER LICENSE NUMBER		STATE	DL TYPE	REO END	ALC/DRUG TEST TYPE 1 Blood 3 Urine 5 None 2 Breath 4 Refused	RESULTS	ALC/DRUG	PHYS DEF	RES	RACE	SEX	INJ	S EQUIP	EJECT
HAZARDOUS MATERIALS BEING TRANSPORTED		PLACARDED	IF YES, INDICATE NAME OR A DIGIT NUMBER FROM DIAMOND OR BOX ON PLACARD, AND 1 DIGIT NUMBER FROM BOTTOM OF DIAMOND			WAS HAZARDOUS MATERIAL SPILLED?	RECOMMEND DRIVER RE EXAM, IF YES EXPLAIN IN NARRATIVE	DRIVER'S PHONE NO						
1 Yes 2 No		1 Yes 2 No				1 Yes 2 No	1 Yes 2 No							

# 1	PROPERTY DAMAGED - OTHER THAN VEHICLES	EST AMOUNT	OWNER'S NAME	ADDRESS	CITY	STATE	ZIP
# 2	PROPERTY DAMAGED - OTHER THAN VEHICLES	EST AMOUNT	OWNER'S NAME	ADDRESS	CITY	STATE	ZIP

CONTRIBUTING CAUSES - DRIVER / PEDESTRIAN			VEHICLE DEFECT			VEHICLE MOVEMENT			VEHICLE SPECIAL FUNCTIONS																																		
01 No Improper Driving / Action	02 Careless Driving (Explain In Narrative)	03 Failed To Yield Right - of - Way	04 Improper Backing	05 Improper Lane Change	06 Improper Turn	07 Alcohol - Under Influence	08 Drugs - Under Influence	09 Alcohol & Drugs - Under Influence	10 Followed Too Closely	11 Disregarded Traffic Signal	12 Exceeded Safe Speed Limit	13 Disregarded Stop Sign	14 Failed To Maintain Equip / Vehicle	15 Improper Passing	16 Drove Left of Center	17 Exceeded Stated Speed Limit	18 Obstructing Traffic	01 No Defects	02 Def Brakes	03 Worn / Smooth Tires	04 Defective / Improper Lights	05 Puncture / Blowout	06 Steering Mech	07 Windshield Wipers	08 Equipment / Vehicle Defect	01 Straight Ahead	02 Slowing / Stopped / Stalled	03 Making Left Turn	04 Backing	05 Making Right Turn	06 Changing Lanes	07 Entering / Leaving / Parking Space	08 Properly Parked	09 Improperly Parked	10 Making U-Turn	11 Passing	12 Drivertless or Runaway Vehicle	13 None	14 Farm	15 Police Pursuit	16 Recreational	17 Emergency Operation	18 Construction / Maintenance
19 Improper Load	20 Disregarded Other Traffic Control	21 Driving Wrong Side / Way	22 Fleeing Police	23 Vehicle Modified	24 Driver Distraction (Explain In Narrative)	27 All Other (Explain In Narrative)	01 On Road	02 Not On Road	03 Shoulder	04 Median	05 Turn Lane	01 None	02 Nearby	03 Entered	01 Crossing Not at Intersection	02 Crossing at Mid-block Crosswalk	03 Crossing at Intersection	04 Walking Along Road With Traffic	05 Walking Along Road Against Traffic	06 Working on Vehicle In Road	07 Working In Road	08 Standing/Playing In Road	09 Standing In Pedestrian Island	77 All Other (Explain In Narrative)	88 Unknown	1 Primarily Business	2 Primarily Residential	3 Open Country															
25 Hit Guardrail	26 Collision With Fixed Object Above Road	27 MV Hit Other Fixed Object	28 Collision With Moveable Object On Road	29 MV Ran Into Ditch/Culvert	30 Ran Off Road Into Water	31 Overturned	32 Occupant Fell From Vehicle	33 Tractor/Trailer Jackknifed	34 Fire	35 Explosion	36 Downhill Runaway	37 Cargo Loss or Shift	38 Separation of Units	39 Median Crossover	77 All Other (Explain In Narrative)	01 Interstate	02 U S	03 State	04 County	05 Local	06 Turnpike / Toll	07 Forest Road	08 Private Roadway	77 All Other (Explain In Narrative)	01 Daylight	02 Dusk	03 Dawn	04 Dark (Street Light)	05 Dark (No Street Light)	88 Unknown													
01 None	02 Nearby	03 Entered	01 None	02 Cloudy	03 Rain	04 Fog	77 All Other (Explain In Narrative)	01 Clear	02 Cloudy	03 Rain	04 Fog	77 All Other (Explain In Narrative)	01 Slag/Gravel/Stone	02 Blacktop	03 Brck/Block	04 Concrete	05 Dirt	77 All Other (Explain In Narrative)																									

FIRST / SUBSEQUENT HARMFUL EVENT(S)			ROAD SYSTEM IDENTIFIER			LIGHTING CONDITION																																						
01 Collision With MV in Transport (Rear End)	02 Collision With MV in Transport (Head On)	03 Collision With MV in Transport (Angle)	04 Collision With MV in Transport (Left Turn)	05 Collision With MV in Transport (Right Turn)	06 Collision With MV in Transport (Sideswipe)	07 Collision With MV in Transport (Backed Into)	08 Collision With Parked Car	09 Collision With MV on Roadway	10 Collision With Pedestrian	11 Collision With Bicycle	12 Collision With Bicycle (Bike Lane)	13 Collision With Moped	14 Collision With Train	29 MV Ran Into Ditch/Culvert	30 Ran Off Road Into Water	31 Overturned	32 Occupant Fell From Vehicle	33 Tractor/Trailer Jackknifed	34 Fire	35 Explosion	36 Downhill Runaway	37 Cargo Loss or Shift	38 Separation of Units	39 Median Crossover	77 All Other (Explain In Narrative)	01 Interstate	02 U S	03 State	04 County	05 Local	06 Turnpike / Toll	07 Forest Road	08 Private Roadway	77 All Other (Explain In Narrative)	01 Daylight	02 Dusk	03 Dawn	04 Dark (Street Light)	05 Dark (No Street Light)	88 Unknown				
15 Collision With Animal	16 MV Hit Sign / Sign Post	17 MV Hit Utility Pole / Light Pole	18 MV Hit Guardrail	19 MV Hit Fence	20 MV Hit Concrete Barrier Wall	21 MV Hit Bridge/Pier/Abutment/Rail	22 MV Hit Tree /Shrubbery	23 Collision With Construction Barricade Sign	24 Collision With Traffic Gate	25 Collision With Crash Attenuators	26 Collision With Fixed Object Above Road	27 MV Hit Other Fixed Object	28 Collision With Moveable Object On Road	01 No Control	02 Special Speed Zone	03 Speed Control Sign	04 School Zone	05 Traffic Signal	06 Stop Sign	07 Yield Sign	08 Flashing Light	09 Railroad Signal	10 Officer / Guard / Flagperson	11 Posted No U Turn	12 No Passing Zone	77 All Other (Explain In Narrative)	01 Not At Intersection / RR X ing / Bndge	02 At Intersection	03 Influenced By Intersection	04 Driveway Access	05 Railroad	06 Bridge	07 Entrance Ramp	08 Exit Ramp	09 Parking Lot - Public	10 Parking Lot - Private	11 Private Property	12 Toll Booth	13 Public Bus Stop Zone	77 All Other (Explain In Narrative)	01 Straight - Level	02 Straight - Upgrade / Downgrade	03 Curve - Level	04 Curve - Upgrade / Downgrade
01 No Defects	02 Obstruction With Warning	03 Obstruction Without Warning	04 Road Under Repair / Construction	05 Loose Surface Materials	06 Shoulders - Soft / Low / High	07 Holes / Ruts / Unsafe Paved Edge	08 Standing Water	09 Worn / Polished Road Surface	77 All Other (Explain In Narrative)	01 Vision Not Obscured	02 Inclement Weather	03 Parked / Stopped Vehicle	04 Trees / Crops / Bushes	05 Load On Vehicle	06 Building / Fixed Object	07 Signs / Billboards	08 Fog	09 Smoke	77 All Other (Explain In Narrative)	10 Glare	01 Dry	02 Wet	03 Slippery	04 Icy	77 All Other (Explain In Narrative)	01 Clear	02 Cloudy	03 Rain	04 Fog	77 All Other (Explain In Narrative)	01 Slag/Gravel/Stone	02 Blacktop	03 Brck/Block	04 Concrete	05 Dirt	77 All Other (Explain In Narrative)								

Violator(s)	SECTION #	NAME OF VIOLATOR	FL STATUTE NUMBER	CHARGE	CITATION NUMBER
	SECTION #	NAME OF VIOLATOR	FL STATUTE NUMBER	CHARGE	CITATION NUMBER
	SECTION #	NAME OF VIOLATOR	FL STATUTE NUMBER	CHARGE	CITATION NUMBER
	SECTION #	NAME OF VIOLATOR	FL STATUTE NUMBER	CHARGE	CITATION NUMBER

FLORIDA TRAFFIC CRASH REPORT
NARRATIVE/DIAGRAM

MAIL TO DEPARTMENT OF HIGHWAY SAFETY & MOTOR VEHICLES, TRAFFIC CRASH
RECORDS SECTION, NEIL KIRKMAN BUILDING TALLAHASSEE, FL 32399-0500

DO NOT WRITE IN THIS SPACE

TIME EMS NOTIFIED (FATALITIES ONLY) <input type="checkbox"/> AM <input type="checkbox"/> PM	TIME EMS ARRIVED (FATALITIES ONLY) <input type="checkbox"/> AM <input type="checkbox"/> PM	DATE OF CRASH 7/16/08	COUNTY / CITY CODE 05/56	INVEST AGENCY REPORT NUMBER 08-008805	HSMV CRASH REPORT NUMBER 26330020
--	---	--------------------------	-----------------------------	--	--------------------------------------

(NARRATIVE)
V2 WAS E/B IN CROSSWALK WITH THE RIGHT OF WAY
V1 WAS APPROACHING SQ. 421 FROM SWALLOWTAIL DR
V1 HAD A RED TRAFFIC SIGNAL AND WAS GOING
TO MAKE A RIGHT TURN. V1 FAILED TO RECOGNIZE
V2 IN THE MARKED CROSSWALK. V1 CRASHED INTO
V2. DRIVER OF V2 FELL OUT OF HIS MOTORIZED
W AS A RESULT OF THE CRASH.
V2 DID NOT COMPLAIN OF ANY INJURIES WHILE
ON SCENE AND REFUSED TRANSPORT BY EMT OR
GRUPEY SIMMONS RESPONDED TO THE SCENE TO
TRANSPORT DRIVER OF V2 BACK TO SUMMERVILLE
ASSISTED LIVING HOME

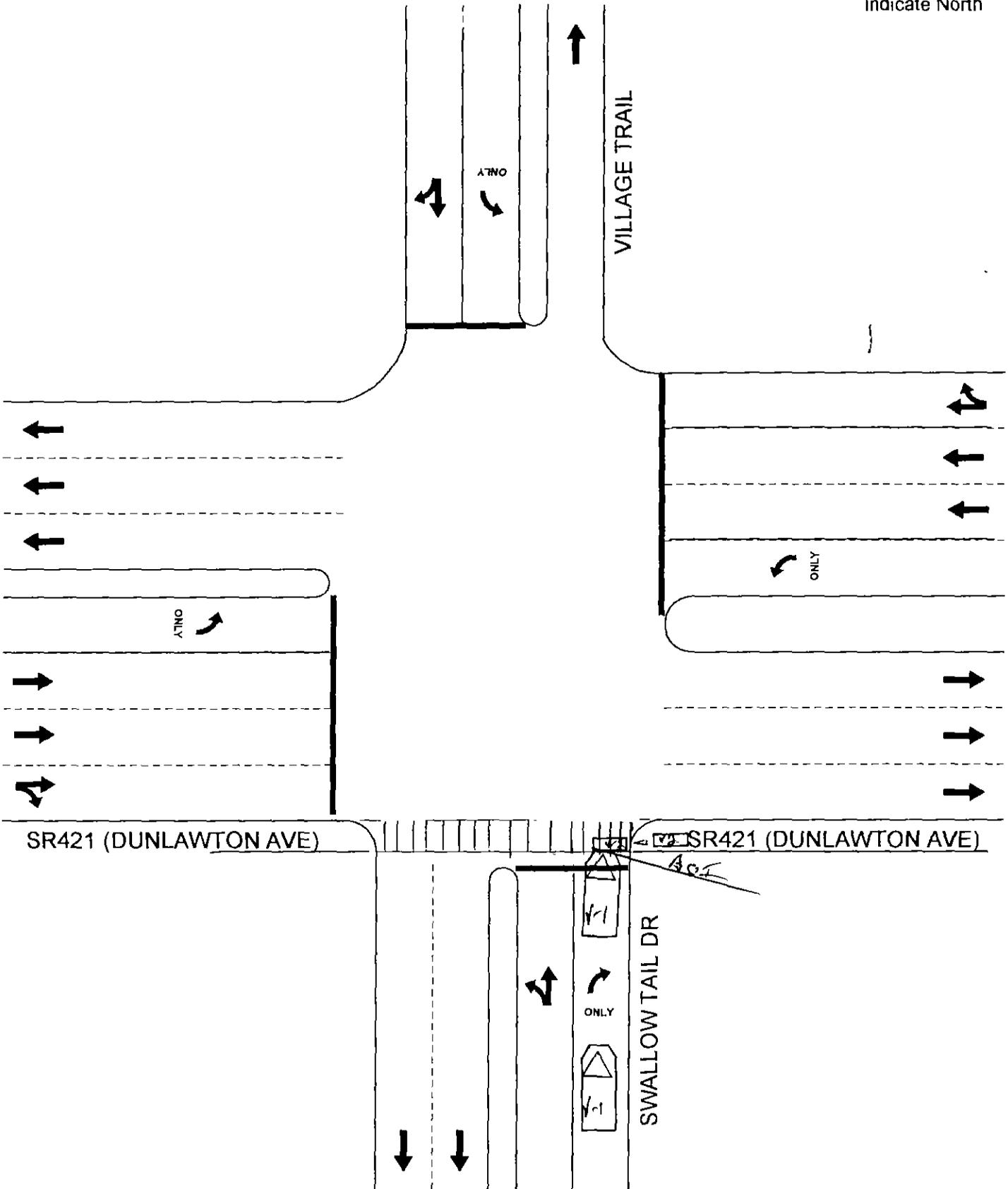
SEC#	PASS#	PASSENGER'S NAME	CURRENT ADDRESS	CITY & STATE	ZIP CODE	DATE OF BIRTH	RACE	SEX	LOC	INJ	S EQUIP	EJECT

Violator(s)	SECTION #	NAME OF VIOLATOR	FL STATUTE NUMBER	CHARGE	CITATION NUMBER

WITNESS NAME (1) NICHOLE WALKERS	CURRENT ADDRESS 311 CHARLES ST	CITY & STATE P. O. FL 32309	ZIP CODE 32309	WITNESS NAME (2) William Keyes	CURRENT ADDRESS 1503 LINK COKER SQ	CITY & STATE N. S. FL	ZIP CODE 32309
FIRST AID GIVEN BY - NAME EMT J. P. R.	1 Physician or Nurse 2 Paramedic or EMT 3 Police Officer 4 Certified 1st Aider 5 Other			INJURED TAKEN TO 2	BY - NAME		
WAS INVESTIGATION MADE AT SCENE? 1 YES <input checked="" type="checkbox"/> 2 NO <input type="checkbox"/>	IF NO, THEN WHERE?	IS INVESTIGATION COMPLETE? 1 YES <input checked="" type="checkbox"/> 2 NO <input type="checkbox"/>	IF NO, THEN WHY?	DATE OF REPORT 7/16/08	PHOTOS TAKEN 1 YES <input checked="" type="checkbox"/> 2 NO <input type="checkbox"/>	IF YES BY WHOM? 1 INVESTIGATING AGENCY <input type="checkbox"/> 2 OTHER <input checked="" type="checkbox"/>	
INVESTIGATOR RANK & SIGNATURE A. J. Keyes	ID/BADGE NUMBER 3315/38	DEPARTMENT P. O. FLORANGE	FHP <input type="checkbox"/>	SO <input type="checkbox"/>	PD <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>	



Indicate North



Drawing Not To Scale.

405 4

FLORIDA TRAFFIC CRASH REPORT LONG FORM

MAIL TO: DEPT. OF HIGHWAY SAFETY & MOTOR VEHICLES, TRAFFIC CRASH
RECORDS, NEIL KIRKMAN BUILDING, TALLAHASSEE, FL 32399-0537

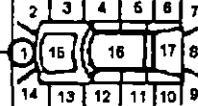
DO NOT WRITE IN THIS SPACE

Time & Location	DATE OF CRASH	TIME OF CRASH	TIME OFFICER NOTIFIED	TIME OFFICER ARRIVED	INVEST AGENCY REPORT NUMBER	HSMV CRASH REPORT NUMBER
	05 26 2008	3:25 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	3:25 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	3:28 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM	2008005119	80302228
	COUNTY/CITY CODE	FEET or MILE(S)	CITY OR TOWN		COUNTY	
	08/56	PORT ORANGE		VOLUSIA		
	A) NODE NO	FEET or MILE(S)	FROM NODE NO	NEXT NODE NO	NO OF LANES	1 DIVIDED 2 UNDIVIDED
	00431		01565		3	2
	AT THE INTERSECTION OF (street, road or highway)		FEET MILE(S)		FROM INTERSECTION OF (street, road or highway)	
	NOVA RD				HERBERT ST	

Section 1

Vehicle	DRIVER ACTION	YEAR	MAKE	TYPE	USE	VEH LICENSE NUMBER	STATE	VEHICLE IDENTIFICATION NUMBER	 18 Undercarriage 19 Overturn 20 Windshield 21 Trailer SHOW FIRST POINT OF VEHICLE DAMAGE AND CIRCLE DAMAGED AREA(S)				
	3			10	01								
Pedestrian	TRAILER OR TOWED VEHICLE INFORMATION		TRAILER TYPE		EST. MPH		Posted Speed	EST. VEHICLE DAMAGE	1 Disabling 2 Functional 3 No Damage	EST. TRAILER DAMAGE			
					5		30	\$0.00	2				
MOTOR VEHICLE INSURANCE COMPANY (LIABILITY OR PIP)		POLICY NUMBER		VEHICLE REMOVED BY		1 Tow Reason List		3 Driver					
NAME OF VEHICLE OWNER (Check Box if Same As Driver)		CURRENT ADDRESS (Number and Street)		CITY AND STATE		2 Tow Owner's Request		4 Other					
NAME OF OWNER (Trailer or Towed Vehicle)		CURRENT ADDRESS (Number and Street)		CITY AND STATE		ZIP CODE							
NAME OF MOTOR CARRIER (Commercial Vehicle Only)		CURRENT ADDRESS (Number and Street)		CITY STATE AND ZIP CODE		US DOT or ICC MC IDENTIFICATION NUMBERS							
NAME OF DRIVER (Taken From Driver License) / PEDESTRIAN		CURRENT ADDRESS (Number and Street)		CITY STATE & ZIP CODE		DATE OF BIRTH							
TAYLOR J. MAXWELL		180 BRANDY HILLS DR, PORT ORANGE FL 32127		FL 32127		10/07/1991							
DRIVER LICENSE NUMBER		STATE	DL TYPE	REG END	ALCO DRUG TEST TYPE	RESULTS	ALCO DRUG / PHYS DEF	RES	RACE	SEX	INJ	S EQUIP	EJECT
M240810913670		FL			1 Blood 3 Urine 5 None 2 Breath 4 Refused	5	1	1	1	1	3	1	
HAZARDOUS MATERIALS BEING TRANSPORTED		PLACARDED	IF YES, INDICATE NAME OR 4 DIGIT NUMBER FROM DIAMOND OR BOX ON PLACARD AND 1 DIGIT NUMBER FROM BOTTOM OF DIAMOND		WAS HAZARDOUS MATERIAL SPILLED?	RECOMMEND DRIVER RE-EXAM IF YES EXPLAIN IN NARRATIVE	DRIVER'S PHONE NO						
2		2			2	2	(386) 756-9839						

Section 2

Vehicle	DRIVER ACTION	YEAR	MAKE	TYPE	USE	VEH LICENSE NUMBER	STATE	VEHICLE IDENTIFICATION NUMBER	 18 Undercarriage 19 Overturn 20 Windshield 21 Trailer SHOW FIRST POINT OF VEHICLE DAMAGE AND CIRCLE DAMAGED AREA(S)				
	3	98	CADI	01	01	I80FDU	FL	1G6EL12Y7WU604249					
Pedestrian	TRAILER OR TOWED VEHICLE INFORMATION		TRAILER TYPE		EST. MPH		Posted Speed	EST. VEHICLE DAMAGE	1 Disabling 2 Functional 3 No Damage	EST. TRAILER DAMAGE			
					3		30	\$50.00	2				
MOTOR VEHICLE INSURANCE COMPANY (LIABILITY OR PIP)		POLICY NUMBER		VEHICLE REMOVED BY		1 Tow Reason List		3 Driver					
SOUTHERN OWNERS INSURANCE		44-649-778-00		DRIVER / OWNER		2 Tow Owner's Request		4 Other					
NAME OF VEHICLE OWNER (Check Box if Same As Driver)		CURRENT ADDRESS (Number and Street)		CITY AND STATE		ZIP CODE							
SAME AS DRIVER													
NAME OF OWNER (Trailer or Towed Vehicle)		CURRENT ADDRESS (Number and Street)		CITY AND STATE		ZIP CODE							
NAME OF MOTOR CARRIER (Commercial Vehicle Only)		CURRENT ADDRESS (Number and Street)		CITY STATE AND ZIP CODE		US DOT or ICC MC IDENTIFICATION NUMBERS							
NAME OF DRIVER (Taken From Driver License) / PEDESTRIAN		CURRENT ADDRESS (Number and Street)		CITY STATE & ZIP CODE		DATE OF BIRTH							
PETER E. TRAIER		2209 PRIMAVERA AV, PORT ORANGE FL 32129		FL 32129		12/11/1942							
DRIVER LICENSE NUMBER		STATE	DL TYPE	REG END	ALCO DRUG TEST TYPE	RESULTS	ALCO DRUG / PHYS DEF	RES	RACE	SEX	INJ	S EQUIP	EJECT
T636665424510		FL	5	2	1 Blood 3 Urine 5 None 2 Breath 4 Refused	5	1	1	1	1	1	2	1
HAZARDOUS MATERIALS BEING TRANSPORTED		PLACARDED	IF YES, INDICATE NAME OR 4 DIGIT NUMBER FROM DIAMOND OR BOX ON PLACARD AND 1 DIGIT NUMBER FROM BOTTOM OF DIAMOND		WAS HAZARDOUS MATERIAL SPILLED?	RECOMMEND DRIVER RE-EXAM IF YES EXPLAIN IN NARRATIVE	DRIVER'S PHONE NO						
2		2			2	2							

VEHICLE TYPE	VEHICLE USE	TRAILER TYPE	RESIDENCE (Driver / Ped)	PHYSICAL DEFECTS	ALCOHOL / DRUG USE	LOCATION IN VEHICLE
01 Automobile	01 Private Transporter	01 Single Semi Trailer	1 County of Crash	1 No Defects Known	1 Not Drinking or Using Drugs	1 Front Left
02 Van	02 Commercial Passengers	02 Tandem Semi Trailer	2 Elsewhere in State	2 Eyesight Defect	2 Alcohol - Under Influence	2 Front Center
03 Light Truck - P.L. 2 or 4 rear tires	03 Commercial Cargo	03 Tank Trailer	3 Non-Resident Out of State	3 Fatigue / Asleep	3 Drugs - Under Influence	3 Front Right
04 Medium Truck - 4 rear tires	04 Public Transportation	04 Saddle Mount / Flatbed	4 Foreign 5 Unknown	4 Hearing Defect	4 Alcohol & Drugs - Under Influence	4 Rear Left
05 Heavy Truck - 2 or more rear axles	05 Public School Bus	05 Boat Trailer	DL TYPE	5 Blindness	5 Had Been Drinking	5 Rear Center
06 Truck Tractor (Cab-Over-Engine)	06 Private School Bus	06 Utility Trailer	1 A 2 B 3 C	6 Seizure, Epilepsy, Blackout	6 Pending ALCO DRUG Test Results	6 Rear Right
07 Motor Home (RV)	07 Ambulance	07 House Trailer	1 White	7 Other Physical Defect		7 In Body of Truck
08 Bus (driver + seats for 9-15)	08 Law Enforcement	08 Pole Trailer	2 Black	INJURY SEVERITY	SAFETY EQUIPMENT IN USE	8 Bus Passenger
09 Bus (driver + seats for over 15)	09 Fire / Rescue	09 Towed Vehicle	3 Hispansic	1 None	1 Not in Use	9 Other
10 Bicycle	10 Military	10 Auto Transport	4 Other	2 Possible	2 Seat Belt / Shoulder Harness	
11 Motorcycle	11 Other Government	77 Other	7 None	3 Non-Incapacitating	3 Child Restraint	
12 Moped	12 Dump		REQUIRED ENDORSEMENTS	4 Incapacitating	4 Air Bag - Deployed	
13 All Terrain Vehicle	13 Concrete Mixer		1 Yes	5 Fatal (Within 30 Days)	5 Air Bag - Not Deployed	
14 Train	14 Garbage or Refuse		2 No	6 Non-Traffic Fatality	6 Safety Helmet	
15 Low Speed Vehicle	15 Cargo Van		3 No Endorsement Required		7 Eye Protection	
77 Other	77 Other					EJECTED
						1 No 2 Yes 3 Partial

DRIVER ACTION 1 Phantom 2 Hit & Run 3 N/A	YEAR	MAKE	TYPE	USE	VEH LICENSE NUMBER	STATE	VEHICLE IDENTIFICATION NUMBER								
TRAILER OR TOWED VEHICLE INFORMATION								SHOW FIRST POINT OF VEHICLE DAMAGE AND CIRCLE DAMAGED AREA(S)							
VEHICLE TRAVELING				ON	AT	Est MPH	Posted Speed	EST. VEHICLE DAMAGE	1 Disabling 2 Functional 3 No Damage			EST TRAILER DAMAGE			
MOTOR VEHICLE INSURANCE COMPANY (LIABILITY OR PIP)								POLICY NUMBER		VEHICLE REMOVED BY			1 Tow Rotation Lstl 2 Tow Owner's Request 3 Driver 4 Other		
NAME OF VEHICLE OWNER (Check Box if Same As Driver)				CURRENT ADDRESS (Number and Street)				CITY AND STATE			ZIP CODE				
NAME OF OWNER (Trailer or Towed Vehicle)				CURRENT ADDRESS (Number and Street)				CITY AND STATE			ZIP CODE				
NAME OF MOTOR CARRIER (Commercial Vehicle Only)				CURRENT ADDRESS (Number and Street)				CITY, STATE AND ZIP CODE			US DOT or ICC MC IDENTIFICATION NUMBERS				
NAME OF DRIVER (Taken From Driver License) / PEDESTRIAN				CURRENT ADDRESS (Number and Street)				CITY, STATE & ZIP CODE			DATE OF BIRTH				
DRIVER LICENSE NUMBER		STATE	DL TYPE	REG END	ALC/DRUG TEST TYPE 1 Blood 3 Urine 5 None 2 Breath 4 Refused	RESULTS	ALC/DRUG	PHYS DEF	RES	RACE	SEX	INJ	S EQUIP	EJECT	
HAZARDOUS MATERIALS BEING TRANSPORTED		PLACARDED	YES INDICATE NAME OR 4 DIGIT NUMBER FROM DIAMOND OR BOX ON PLACARD AND 10 DIGIT NUMBER FROM BOTTOM OF DIAMOND				WAS HAZARDOUS MATERIAL SPILLED?	RECOMMEND DRIVER RE EXAM IF YES EXPLAIN IN NARRATIVE			DRIVER'S PHONE NO				

# 1	PROPERTY DAMAGED - OTHER THAN VEHICLES	EST AMOUNT	OWNER'S NAME	ADDRESS	CITY	STATE	ZIP
# 2	PROPERTY DAMAGED - OTHER THAN VEHICLES	EST AMOUNT	OWNER'S NAME	ADDRESS	CITY	STATE	ZIP

CONTRIBUTING CAUSES - DRIVER / PEDESTRIAN			VEHICLE DEFECT			VEHICLE MOVEMENT			VEHICLE SPECIAL FUNCTIONS																																													
01 No improper Driving / Action	02 Careless Driving (Explain in Narrative)	03 Failed To Yield Right - of - Way	04 Improper Backing	05 Improper Lane Change	06 Improper Turn	07 Alcohol - Under Influence	08 Drugs - Under Influence	09 Alcohol & Drugs - Under Influence	10 Followed Too Closely	11 Disregarded Traffic Signal	12 Exceeded Safe Speed Limit	13 Disregarded Stop Sign	14 Failed To Maintain Equip. / Vehicle	15 Improper Passing	16 Drove Left of Center	17 Exceeded Stated Speed Limit	18 Obstructing Traffic	19 Improper Load	20 Derogated Other Traffic Control	21 Driving Wrong Side / Way	22 Fleeing Police	23 Vehicle Modified	24 Driver Distraction (Explain in Narrative)	77 All Other (Explain in Narrative)	01 No Defects	02 Def Brakes	03 Worn / Smooth Tires	04 Defective / Improper Lights	05 Puncture / Blowout	06 Steering Mech.	07 Windshield Wipers	08 Equipment / Vehicle Defect	77 All Other (Explain in Narrative)	01 Straight Ahead	02 Slowing / Stopped / Stalled	03 Making Left Turn	04 Backing	05 Making Right Turn	06 Changing Lanes	07 Entering / Leaving / Parking Space	08 Improperly Parked	09 Making U-Turn	11 Passing	12 Driverless or Runaway Vehicle	77 All Other (Explain in Narrative)	1 None	2 Farm	3 Police Pursuit	4 Recreational	5 Emergency Operation	6 Construction / Maintenance	SOURCE OF CARRIER INFORMATION		
POINT OF COLLISION			WORK AREA			PEDESTRIAN ACTION			LOCATION TYPE																																													
01 On Road			01 None			01 Crossing Not At Intersection			01 Primarily Business																																													
02 Not On Road			02 Nearby			02 Crossing at Mid-block Crosswalk			02 Primarily Residential																																													
03 Shoulder			03 Entered			03 Crossing at Intersection			03 Open Country																																													
04 Median						04 Walking Along Road With Traffic																																																
05 Turn Lane						05 Walking Along Road Against Traffic																																																
						06 Working on Vehicle in Road																																																
						07 Working In Road																																																
						08 Standing/Playing In Road																																																
						09 Standing in Pedestrian Island																																																
						77 All Other (Explain in Narrative)																																																
						86 Unknown																																																

FIRST / SUBSEQUENT HARMFUL EVENT(S)				ROAD SYSTEM IDENTIFIER				LIGHTING CONDITION			
01 Collision With MV in Transport (Rear End)	15 Collision With Animal	28 MV Ran Into Ditch/Culvert	30 Ran Off Road Into Water	01 Interstate	07 Forest Road	01 Daylight	02 Dusk	03 Dawn	04 Dark (Street Light)	05 Dark (No Street Light)	77 All Other (Explain in Narrative)
02 Collision With MV in Transport (Head On)	16 MV Hit Sign / Sign Post	31 Overturned	32 Occupant Fell From Vehicle	02 U S	08 Private Roadway	02 Dusk	03 Dawn	04 Dark (Street Light)	05 Dark (No Street Light)	77 All Other (Explain in Narrative)	
03 Collision With MV in Transport (Angle)	17 MV Hit Utility Pole / Light Pole	33 Tractor / Trailer Jackknifed	34 Fire	03 State	77 All Other (Explain in Narrative)	03 Dawn	04 Dark (Street Light)	05 Dark (No Street Light)	77 All Other (Explain in Narrative)		
04 Collision With MV in Transport (Left Turn)	18 MV Hit Guardrail	35 Explosion	36 Downhill Runaway	04 County		04 Dark (Street Light)	05 Dark (No Street Light)	77 All Other (Explain in Narrative)			
05 Collision With MV in Transport (Right Turn)	19 MV Hit Fence	37 Cargo Loss or Shift	38 Separation of Units	05 Local		05 Dark (No Street Light)	77 All Other (Explain in Narrative)				
06 Collision With MV in Transport (Sideswipe)	20 MV Hit Concrete Barrier Wall	39 Median Crossover	77 All Other (Explain in Narrative)	06 Turnpike / Toll		77 All Other (Explain in Narrative)					
07 Collision With MV in Transport (Backed Into)	21 MV Hit Bridge/Pier/Abutment/Rail										
08 Collision With Parked Car	22 MV Hit Tree / Shrubby										
09 Collision With MV on Roadway	23 Collision With Construction Barricade Sign										
10 Collision With Pedestrian	24 Collision With Traffic Gate										
11 Collision With Bicycle	25 Collision With Crash Attenuators										
12 Collision With Bicycle (Bike Lane)	26 Collision With Fixed Object Above Road										
13 Collision With Moped	27 MV Hit Other Fixed Object										
14 Collision With Train	28 Collision With Moveable Object on Road										

ROAD CONDITIONS AT TIME OF CRASH		VISION OBSTRUCTED		TRAFFIC CONTROL		SITE LOCATION		TRAFFICWAY CHARACTER	
01 No Defects	01 Vision Not Obstructed	01 No Control	01 Straight - Level	01 No Defects	01 Vision Not Obstructed	01 Not At Intersection / RR X-ing / Bridge	01 Straight - Level	02 Straight Upgrade / Downgrade	01 Straight - Level
02 Obstruction With Warning	02 Implement Weather	02 Special Speed Zone	02 Straight Upgrade / Downgrade	03 Obstruction Without Warning	03 Parked / Stopped Vehicle	02 At Intersection	02 Straight Upgrade / Downgrade	03 Curve Level	02 Straight Upgrade / Downgrade
03 Obstruction Without Warning	03 Parked / Stopped Vehicle	03 Speed Control Sign	03 Curve Level	04 Road Under Repair / Constructor	04 Trees / Crops / Bushes	03 Influenced By Intersection	03 Curve Level	04 Curve - Upgrade / Downgrade	03 Curve Level
04 Road Under Repair / Constructor	04 Trees / Crops / Bushes	04 School Zone	04 Curve - Upgrade / Downgrade	05 Loose Surface Materials	05 Load On Vehicle	04 Driveway Access	04 Curve - Upgrade / Downgrade	05 Dirt	04 Curve - Upgrade / Downgrade
05 Loose Surface Materials	05 Load On Vehicle	05 Traffic Sign	05 Dirt	06 Shoulders - Soft / Low / High	06 Building / Fixed Object	05 Railroad	05 Dirt	06 Evil Ramp	05 Dirt
06 Shoulders - Soft / Low / High	06 Building / Fixed Object	06 Stop Sign	06 Evil Ramp	07 Holes / Ruts / Unsafe Paved Edge	07 Signs / Billboards	06 Bridge	06 Evil Ramp	07 All Other (Explain in Narrative)	06 Evil Ramp
07 Holes / Ruts / Unsafe Paved Edge	07 Signs / Billboards	07 Yield Sign	07 All Other (Explain in Narrative)	08 Standing Water	08 Fog	07 Entrance Ramp	07 All Other (Explain in Narrative)	08 Parking Lot - Public	07 All Other (Explain in Narrative)
08 Standing Water	08 Fog	08 Flashing Light	08 Parking Lot - Public	09 Worn / Polished Road Surface	09 Smoke	08 Evil Ramp	08 Parking Lot - Public	09 Parking Lot - Private	08 Parking Lot - Public
09 Worn / Polished Road Surface	09 Smoke	09 Railroad Sign	09 Parking Lot - Private	77 All Other (Explain in Narrative)	77 All Other (Explain in Narrative)	09 Parking Lot - Private	09 Parking Lot - Private	09 Parking Lot - Private	09 Parking Lot - Private
77 All Other (Explain in Narrative)	77 All Other (Explain in Narrative)	10 Officer / Guard / Flagperson	09 Parking Lot - Private						09 Parking Lot - Private

Violator(s)	SECTION #	NAME OF VIOLATOR	FL STATUTE NUMBER	CHARGE	CITATION NUMBER
	SECTION #	NAME OF VIOLATOR	FL STATUTE NUMBER	CHARGE	CITATION NUMBER
	SECTION #	NAME OF VIOLATOR	FL STATUTE NUMBER	CHARGE	CITATION NUMBER
	SECTION #	NAME OF VIOLATOR	FL STATUTE NUMBER	CHARGE	CITATION NUMBER

FLORIDA TRAFFIC CRASH REPORT

NARRATIVE/DIAGRAM

MAIL TO: DEPARTMENT OF HIGHWAY SAFETY & MOTOR VEHICLES, TRAFFIC CRASH RECORDS SECTION, NEIL KIRKMAN BUILDING, TALLAHASSEE, FL 32399-0500

DO NOT WRITE IN THIS SPACE

TIME EMS NOTIFIED (FATALITIES ONLY) <input type="checkbox"/> AM <input type="checkbox"/> PM	TIME EMS ARRIVED (FATALITIES ONLY) <input type="checkbox"/> AM <input type="checkbox"/> PM	DATE OF CRASH 05/26/2008	COUNTY/CITY CODE 08/56	INVEST AGENCY REPORT NUMBER 2008005119	HSMV CRASH REPORT NUMBER 80302228
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(NARRATIVE)

V1 (bicyclist) was stopped at the northeast corner of Herbert St. and Nova Rd. V1 was preparing to travel southbound across Herbert St. V2 was stopped westbound, preparing to make a right turn north on Nova Rd. The traffic light turned green for V2 and as the driver began to accelerate, V2 collided into V1. V1 had begun to travel south into traffic that was beginning to move. The driver of V1 was at fault for the collision. V2 sustained minor damage and was not disabled. The bicyclist of V1 advised of a leg injury on his left leg and an abrasion to his left elbow. He was transported to Halifax Hospital by EVAC. His bicycle did not receive damage and was transported to his residence by Ofc. Aiken to be turned over to his parents during contact to advise of incident.

****END****

SEC#	PASS#	PASSENGER'S NAME	CURRENT ADDRESS	CITY & STATE	ZIP CODE	DATE OF BIRTH	RACE	SEX	LOC	INJ	S EQUIP.	EJECT

Violator(s)	SECTION #	NAME OF VIOLATOR	FL STATUTE NUMBER	CHARGE	CITATION NUMBER

WITNESS NAME (1)	CURRENT ADDRESS	CITY & STATE	ZIP CODE	WITNESS NAME (2)	CURRENT ADDRESS	CITY & STATE	ZIP CODE
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FIRST AID GIVEN BY - NAME	1 Physician or Nurse 2 Paramedic or EMT 3 Police Officer 4 Certified 1st Aider 5 Other	INJURED TAKEN TO:	By - NAME
EMT	<input checked="" type="checkbox"/> 2	HALIFAX MEDICAL CENTER	EVAC

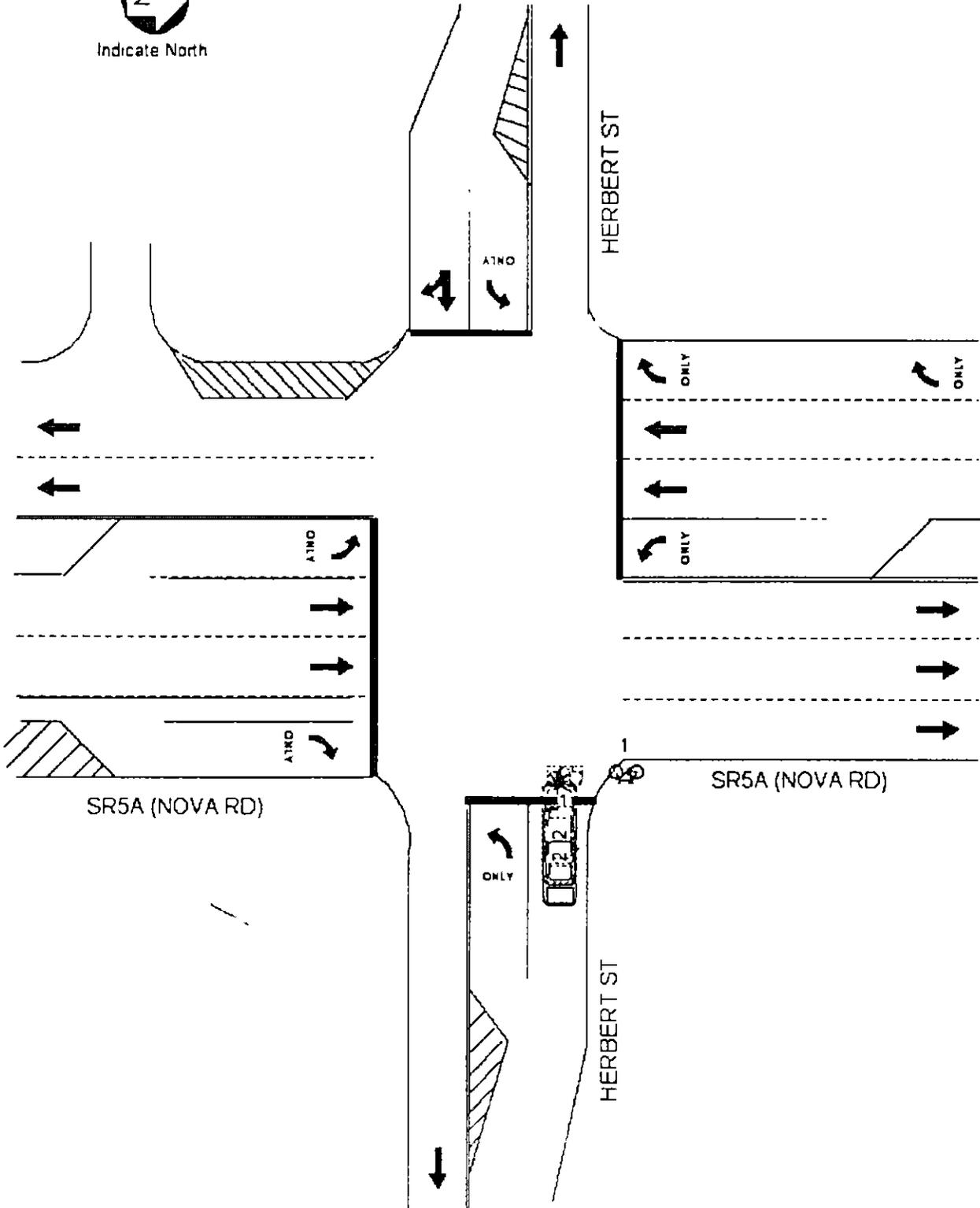
WAS INVESTIGATION MADE AT SCENE?	1 YES <input checked="" type="checkbox"/> 2 NO	IF NO, THEN WHERE?	IS INVESTIGATION COMPLETE?	1 YES <input checked="" type="checkbox"/> 2 NO	IF NO THEN WHY?	DATE OF REPORT	PHOTOS TAKEN	1 YES <input checked="" type="checkbox"/> 2 NO	IF YES, BY WHOM?	1 INVESTIGATING AGENCY <input type="checkbox"/> 2 OTHER
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INVESTIGATOR - RANK & SIGNATURE	ID/BADGE NUMBER	DEPARTMENT	FHP <input type="checkbox"/> SO <input type="checkbox"/> PD <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>
Ofc Carl Lamirande	3305	PORT ORANGE POLICE DEPARTMENT	

DIAGRAM



Indicate North



Drawing Not To Scale

FLORIDA TRAFFIC CRASH REPORT

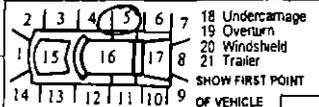
DO NOT WRITE IN THIS SPACE

LONG FORM

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

Time & Location	DATE OF CRASH	TIME OF CRASH	TIME OFFICER NOTIFIED	TIME OFFICER ARRIVED	INVEST AGENCY REPORT NUMBER	HSMV CRASH REPORT NUMBER
	04/18/08	8:55 AM	8:55 AM	8:55 AM	2008-003740	76330101
Time & Location	COUNTY / CITY CODE	FEET or MILE(S)	N S E W	CITY OR TOWN	(Check if in City or Town)	COUNTY
	08156			Port Orange	<input checked="" type="checkbox"/>	Volusia
Time & Location	AT NODE NO	FEET or MILE(S)	FROM NODE NO	NEXT NODE NO	NO OF LANES	1. DIVIDED 2. UNDIVIDED
	2410			2411	2	1
Time & Location	ON STREET, ROAD OR HIGHWAY	FROM INTERSECTION OF (street, road or highway)	FEET	MILE(S)	N S E W	FROM INTERSECTION OF (street, road or highway)
	Woodbriar Tr.	SR-421 (Dunlawton Ave)				

Driver Action	1 Phantom	2 Hit & Run	3 N/A	YEAR	MAKE	TYPE	USE	VEH LICENSE NUMBER	STATE	VEHICLE IDENTIFICATION NUMBER
				3	BCA	10	01		FL	TLS4044290
TRAILER OR TOWED VEHICLE INFORMATION										



VEHICLE TRAVELLING	ON	AT	Est. MPH	Posted Speed	EST VEHICLE DAMAGE	1. Disabling 2. Functional 3. No Damage	EST TRAILER DAMAGE	DAMAGE AND CIRCLE DAMAGED AREA(S)
N S E W		SR-421	5	N/A	5.00	2		14

MOTOR VEHICLE INSURANCE COMPANY (LIABILITY OR PIP)	POLICY NUMBER	VEHICLE REMOVED BY	1 Tow Rotation List 2 Tow Owner's Request 3 Driver 4 Other
		Owner	4

NAME OF VEHICLE OWNER (Check Box if Same As Driver)	CURRENT ADDRESS (Number and Street)	CITY AND STATE	ZIP CODE
<input checked="" type="checkbox"/>	Same As Pedestrian		

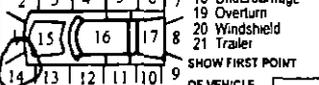
NAME OF MOTOR CARRIER (Commercial Vehicle Only)	CURRENT ADDRESS (Number and Street)	CITY, STATE AND ZIP CODE	US DOT or ICC MC IDENTIFICATION NUMBERS

NAME OF DRIVER (Take From Driver License) / PEDESTRIAN	CURRENT ADDRESS (Number and Street)	CITY, STATE & ZIP CODE	DATE OF BIRTH
Katie Elizabeth Rice	4801 Clyde Morris Blvd #105 Port Orange FL	32129	6-10-87

DRIVER LICENSE NUMBER	STATE	DL TYPE	REQ. END	ALCO/DRUG TEST TYPE	RESULTS	ALCO/DRUG	PHYS DEF	RES	RACE	SEX	INJ	S EQUIP	EJECT
R200505877100	FL	7	3	1 Blood 3 Urine 5 None 2 Breath 4 Refused	5		1	1	1	2	3	1	3

HAZARDOUS MATERIALS BEING TRANSPORTED	PLACARDED	IF YES INDICATE NAME OR 4 DIGIT NUMBER FROM DIAMOND OR BOX ON PLACARD, AND 1 DIGIT NUMBER FROM BOTTOM OF DIAMOND	WAS HAZARDOUS MATERIAL SPILLED?	RECOMMEND DRIVER RE-EXAM IF YES EXPLAIN IN NARRATIVE	DRIVER'S PHONE NO
2	2			2	386 898 2706

DRIVER ACTION	YEAR	MAKE	TYPE	USE	VEH LICENSE NUMBER	STATE	VEHICLE IDENTIFICATION NUMBER
2	07	Hyan	01	01	6723FE	FL	5NPEU46F67H187349



VEHICLE TRAVELLING	ON	AT	Est. MPH	Posted Speed	EST VEHICLE DAMAGE	1. Disabling 2. Functional 3. No Damage	EST TRAILER DAMAGE	DAMAGE AND CIRCLE DAMAGED AREA(S)
N S E W		Woodbriar Tr	5	30	50.00	2		1

MOTOR VEHICLE INSURANCE COMPANY (LIABILITY OR PIP)	POLICY NUMBER	VEHICLE REMOVED BY	1 Tow Rotation List 2 Tow Owner's Request 3 Driver 4 Other
Cotton States Ins. Group	FPA1511012-09708	Driver	3

NAME OF VEHICLE OWNER (Check Box if Same As Driver)	CURRENT ADDRESS (Number and Street)	CITY AND STATE	ZIP CODE
<input checked="" type="checkbox"/>	Same As Driver		

NAME OF MOTOR CARRIER (Commercial Vehicle Only)	CURRENT ADDRESS (Number and Street)	CITY, STATE AND ZIP CODE	US DOT or ICC MC IDENTIFICATION NUMBERS

NAME OF DRIVER (Take From Driver License) / PEDESTRIAN	CURRENT ADDRESS (Number and Street)	CITY, STATE & ZIP CODE	DATE OF BIRTH
Joanne Marie Murphy	15 Soco Trail Orlando FL	32174	07-23-54

DRIVER LICENSE NUMBER	STATE	DL TYPE	REQ. END	ALCO/DRUG TEST TYPE	RESULTS	ALCO/DRUG	PHYS DEF	RES	RACE	SEX	INJ	S EQUIP	EJECT
M6104335476311	FL	5	3	1 Blood 3 Urine 5 None 2 Breath 4 Refused	5		1	1	1	2	1	2	5

HAZARDOUS MATERIALS BEING TRANSPORTED	PLACARDED	IF YES INDICATE NAME OR FOUR DIGIT NUMBER FROM DIAMOND OR BOX ON PLACARD, AND 1 DIGIT NUMBER FROM BOTTOM OF DIAMOND	WAS HAZARDOUS MATERIAL SPILLED?	RECOMMEND DRIVER RE-EXAM IF YES EXPLAIN IN NARRATIVE	DRIVER'S PHONE NO
2	2			2	386 671 9254

Code Information	VEHICLE TYPE	VEHICLE USE	TRAILER TYPE	RESIDENCE (Driver / Ped.)	PHYSICAL DEFECTS	ALCOHOL / DRUG USE	LOCATION IN VEHICLE
	01 Automobile	01 Private Transportation	01 Single Semi Trailer	1 County of Crash	1 No Defects Known	1 Not Drinking or Using Drugs	1 Front Left
Code Information	VEHICLE TYPE	VEHICLE USE	TRAILER TYPE	RESIDENCE (Driver / Ped.)	PHYSICAL DEFECTS	ALCOHOL / DRUG USE	LOCATION IN VEHICLE
	02 Van	02 Commercial Passengers	02 Tandem Semi Trailer	2 Elsewhere in State	2 Eyesight Defect	2 Alcohol - Under Influence	2 Front Center
Code Information	VEHICLE TYPE	VEHICLE USE	TRAILER TYPE	RESIDENCE (Driver / Ped.)	PHYSICAL DEFECTS	ALCOHOL / DRUG USE	LOCATION IN VEHICLE
	03 Light Truck / P/U - 2 or 4 rear tires	03 Commercial Cargo	03 Tank Trailer	3 Non-Resident Out of State	3 Fatigue / Asleep	3 Drugs - Under Influence	3 Front Right
Code Information	VEHICLE TYPE	VEHICLE USE	TRAILER TYPE	RESIDENCE (Driver / Ped.)	PHYSICAL DEFECTS	ALCOHOL / DRUG USE	LOCATION IN VEHICLE
	04 Medium Truck - 4 rear tires	04 Public Transportation	04 Saddle Mount / Flatbed	4 Foreign 5 Unknown	4 Hearing Defect	4 Alcohol & Drugs Under Influence	4 Rear Left
Code Information	VEHICLE TYPE	VEHICLE USE	TRAILER TYPE	RESIDENCE (Driver / Ped.)	PHYSICAL DEFECTS	ALCOHOL / DRUG USE	LOCATION IN VEHICLE
	05 Heavy Truck - 2 or more rear axles	05 Public School Bus	05 Boat Trailer	DL TYPE	5 Illness	5 Had Been Drinking	5 Rear Center
Code Information	VEHICLE TYPE	VEHICLE USE	TRAILER TYPE	RESIDENCE (Driver / Ped.)	PHYSICAL DEFECTS	ALCOHOL / DRUG USE	LOCATION IN VEHICLE
	06 Truck Tractor (Cab-Booth)	06 Private School Bus	06 Utility Trailer	1 A 2 B 3 C	6 Seizure Epilepsy Blackout	6 Pending ALCO/DRUG Test Results	6 Rear Right
Code Information	VEHICLE TYPE	VEHICLE USE	TRAILER TYPE	RESIDENCE (Driver / Ped.)	PHYSICAL DEFECTS	ALCOHOL / DRUG USE	LOCATION IN VEHICLE
	07 Motor Home (RV)	07 Other Government	07 House Trailer	4 D/Chaufeur	7 Other Physical Defect	7 Not In use	7 In Body Of Truck
Code Information	VEHICLE TYPE	VEHICLE USE	TRAILER TYPE	RESIDENCE (Driver / Ped.)	PHYSICAL DEFECTS	ALCOHOL / DRUG USE	LOCATION IN VEHICLE
	08 Bus (driver + seats for 9-15)	08 Law Enforcement	08 Pole Trailer	5 E/Operator	INJURY SEVERITY	SAFETY EQUIPMENT IN USE	8 Bus Passenger
Code Information	VEHICLE TYPE	VEHICLE USE	TRAILER TYPE	RESIDENCE (Driver / Ped.)	PHYSICAL DEFECTS	ALCOHOL / DRUG USE	LOCATION IN VEHICLE
	09 Bus (driver + seats for over 15)	09 Fire / Rescue	09 Towed Vehicle	6 E/ Oper - Rest	1 None	2 Seat Belt / Shoulder Harness	9 Other
Code Information	VEHICLE TYPE	VEHICLE USE	TRAILER TYPE	RESIDENCE (Driver / Ped.)	PHYSICAL DEFECTS	ALCOHOL / DRUG USE	LOCATION IN VEHICLE
	10 Bicycle	10 Military	10 Auto Transport	7 None	2 Possible	3 Child Restraint	1 No
Code Information	VEHICLE TYPE	VEHICLE USE	TRAILER TYPE	RESIDENCE (Driver / Ped.)	PHYSICAL DEFECTS	ALCOHOL / DRUG USE	LOCATION IN VEHICLE
	11 Motorcycle	11 Other Government	77 Other	REQUIRED ENDORSEMENTS	3 Non Incapacitating	4 Air Bag - Deployed	2 Yes
Code Information	VEHICLE TYPE	VEHICLE USE	TRAILER TYPE	RESIDENCE (Driver / Ped.)	PHYSICAL DEFECTS	ALCOHOL / DRUG USE	LOCATION IN VEHICLE
	12 Moped	12 Dump		2 No	4 Incapacitating	5 Air Bag - Not Deployed	3 Partial
Code Information	VEHICLE TYPE	VEHICLE USE	TRAILER TYPE	RESIDENCE (Driver / Ped.)	PHYSICAL DEFECTS	ALCOHOL / DRUG USE	LOCATION IN VEHICLE
	13 All Terrain Vehicle	13 Concrete Mixer		3 No Endorsement Required	5 Fatal (Within 30 Days)	6 Safety Helmet	
Code Information	VEHICLE TYPE	VEHICLE USE	TRAILER TYPE	RESIDENCE (Driver / Ped.)	PHYSICAL DEFECTS	ALCOHOL / DRUG USE	LOCATION IN VEHICLE
	14 Train	14 Garbage or Refuse			6 Non-Traffic Fatality	7 Eye Protection	
Code Information	VEHICLE TYPE	VEHICLE USE	TRAILER TYPE	RESIDENCE (Driver / Ped.)	PHYSICAL DEFECTS	ALCOHOL / DRUG USE	LOCATION IN VEHICLE
	15 Low Speed Vehicle	15 Cargo Van					
Code Information	VEHICLE TYPE	VEHICLE USE	TRAILER TYPE	RESIDENCE (Driver / Ped.)	PHYSICAL DEFECTS	ALCOHOL / DRUG USE	LOCATION IN VEHICLE
	77 Other	77 Other					

**FLORIDA TRAFFIC CRASH REPORT
NARRATIVE/DIAGRAM**

MAIL TO DEPARTMENT OF HIGHWAY SAFETY & MOTOR VEHICLES, TRAFFIC CRASH
RECORDS SECTION, NEIL KIRKMAN BUILDING TALLAHASSEE, FL 32399-0500

DO NOT WRITE IN THIS SPACE

TIME EMS NOTIFIED (FATALITIES ONLY) <input type="checkbox"/> AM <input type="checkbox"/> PM	TIME EMS ARRIVED (FATALITIES ONLY) <input type="checkbox"/> AM <input type="checkbox"/> PM	DATE OF CRASH 04/18/08	COUNTY / CITY CODE 08/56	INVEST AGENCY REPORT NUMBER 2008-003740	HSMV CRASH REPORT NUMBER 76330101
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(NARRATIVE)

P1 was riding her bicycle east bound on the sidewalk located on the north shoulder of SR-421. P1 was approaching the crosswalk on Woodbrian Tr at the intersection with SR-421. V2 was traveling south on Woodbrian Tr. and was stopped stop sign / stop bar at the intersection with SR-421. The crosswalk was clear and V2 pulled forward through the crosswalk to turn right on SR-421. As V2 crossed the crosswalk P1 left the sidewalk and entered the crosswalk without stopping. P1 violated the right-of-way of V2. The front of V2 collided into the left side of P1. P1 sustained minor injury to her right knee and declined medical treatment. P1 stated that she did not see V2. P1 was found to be at fault for the crash.

SEC#	PASS#	PASSENGER'S NAME	CURRENT ADDRESS	CITY & STATE	ZIP CODE	DATE OF BIRTH	RACE	SEX	LOC	INJ	S EQUIP	EJECT
 	 	 	 	 	 	 	 	 	 	 	 	
 	 	 	 	 	 	 	 	 	 	 	 	
 	 	 	 	 	 	 	 	 	 	 	 	
 	 	 	 	 	 	 	 	 	 	 	 	
 	 	 	 	 	 	 	 	 	 	 	 	
 	 	 	 	 	 	 	 	 	 	 	 	

Violator(s)	SECTION #	NAME OF VIOLATOR	FL STATUTE NUMBER	CHARGE	CITATION NUMBER
	 	 	 	 	
 	 	 	 	 	

WITNESS NAME (1)	CURRENT ADDRESS	CITY & STATE	ZIP CODE	WITNESS NAME (2)	CURRENT ADDRESS	CITY & STATE	ZIP CODE
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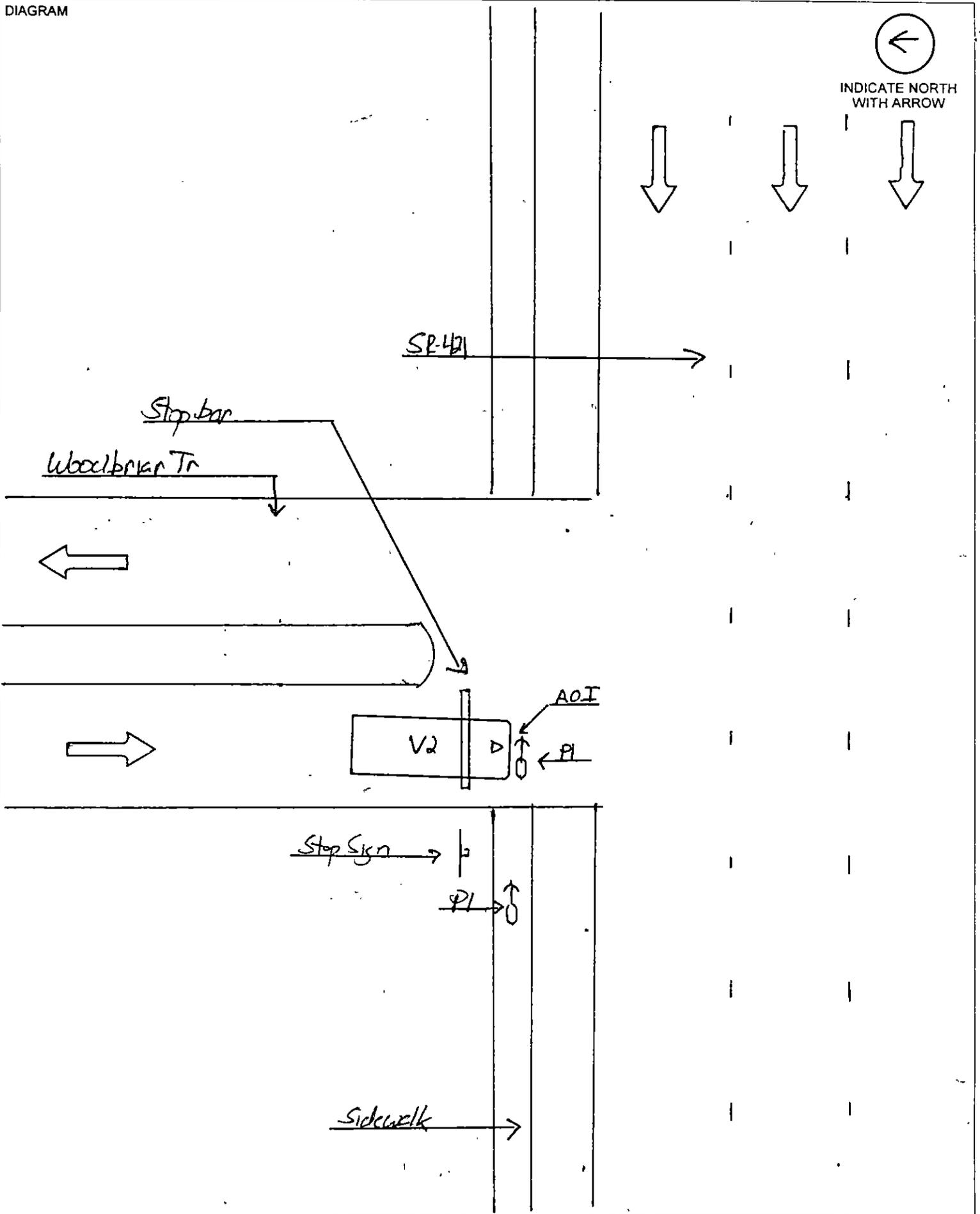
FIRST AID GIVEN BY - NAME	1. Physician or Nurse 2 Paramedic or EMT 3 Police Officer 4 Certified 1st Aider 5 Other	INJURED TAKEN TO	BY - NAME
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WAS INVESTIGATION MADE AT SCENE? 1 YES <input checked="" type="checkbox"/> 2 NO <input type="checkbox"/>	IF NO, THEN WHERE?	IS INVESTIGATION COMPLETE? 1 YES <input checked="" type="checkbox"/> 2 NO <input type="checkbox"/>	IF NO, THEN WHY?	DATE OF REPORT 04/18/08	PHOTOS TAKEN 1 YES <input checked="" type="checkbox"/> 2 NO <input type="checkbox"/>	IF YES, BY WHOM? 1 INVESTIGATING AGENCY <input checked="" type="checkbox"/> 2 OTHER <input type="checkbox"/>		
INVESTIGATOR RANK & SIGNATURE Off Chris Ganem		ID/BADGE NUMBER 3317	DEPARTMENT Port Orange Police Dept		FHP <input type="checkbox"/>	SO <input type="checkbox"/>	PD <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>

DIAGRAM



INDICATE NORTH WITH ARROW



ACB FLORIDA TRAFFIC CRASH REPORT

LONG FORM
MAIL TO DEPT OF HIGHWAY SAFETY & MOTOR VEHICLES, TRAFFIC CRASH
RECORDS, NEIL KIRKMAN BUILDING, TALLAHASSEE, FL 32399-0537

DO NOT WRITE IN THIS SPACE

Time & Location	DATE OF CRASH	TIME OF CRASH	TIME OFFICER NOTIFIED	TIME OFFICER ARRIVED	INVEST AGENCY REPORT NUMBER	HSMV CRASH REPORT NUMBER
	02 28 08	4:00 AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	4:12 AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	4:23 AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	2008-002004	76330199
	COUNTY / CITY CODE	FEET or MILE(S)	N S E W	CITY OR TOWN	(Check if in City or Town)	COUNTY
Time & Location	AT NODE NO	FEET or MILE(S)	FROM NODE NO	NEXT NODE NO	NO OF LANES	1 DIVIDED 2 UNDIVIDED
	08156	Unknown	43476A	00431A	2	2
	ON STREET, ROAD OR HIGHWAY	Herbert St				
Time & Location	AT THE INTERSECTION OF	FEET or MILE(S)	N S E W	FROM INTERSECTION OF	FEET or MILE(S)	N S E W
	Unknown	Unknown	Unknown	Clara St	Unknown	Unknown

Section Vehicle	DRIVER ACTION	YEAR	MAKE	TYPE	USE	VEH LICENSE NUMBER	STATE	VEHICLE IDENTIFICATION NUMBER	18 Undercarriage 19 Overturn 20 Windshield 21 Trailer
	2 Hit & Run 3 N/A	2	Dodge	04	01	Unknown	unk	Unknown	15 16 17 18 19 20 21
	TRAILER OR TOWED VEHICLE INFORMATION								
Section Vehicle	VEHICLE TRAVELLING	ON	AT	Est MPH	Posted Speed	EST VEHICLE DAMAGE	1 Disabling 2 Functional 3 No Damage	EST TRAILER DAMAGE	DAMAGE AND CIRCLE DAMAGED AREA(S)
	Unknown	Herbert St	Unknown	30	30	Unknown	2		
	MOTOR VEHICLE INSURANCE COMPANY (LIABILITY OR PIP)	Unknown							
Section Pedestrian	NAME OF VEHICLE OWNER (Check Box If Same As Driver)	CURRENT ADDRESS (Number and Street)		CITY AND STATE		ZIP CODE		1 Tow Rotation List 2 Tow Owner's Request 3 Driver 4 Other	
	Unknown	Unknown		Unknown		Unknown		3	
	NAME OF MOTOR CARRIER (Commercial Vehicle Only)	CURRENT ADDRESS (Number and Street)		CITY, STATE AND ZIP CODE		US DOT or ICC MC IDENTIFICATION NUMBERS			

Section Pedestrian	NAME OF DRIVER (Take From Driver License) / PEDESTRIAN	CURRENT ADDRESS (Number and Street)		CITY, STATE & ZIP CODE		DATE OF BIRTH								
	Unknown	Unknown		Unknown		Unknown								
	DRIVER LICENSE NUMBER	STATE	DL TYPE	REQ END	ALC/DRUG TEST TYPE	RESULTS	ALC/DRUG	PHYS DEF	RES	RACE	SEX	INJ	S EQUIP	EJECT
Section Pedestrian	Unknown				1 Blood 3 Urine 5 None 2 Breath 4 Refused		unk	unk	unk	1	1	unk	/	/
	HAZARDOUS MATERIALS BEING TRANSPORTED	PLACARDED	IF YES, INDICATE NAME OR 4 DIGIT NUMBER FROM DIAMOND OR BOX ON PLACARD, AND 1 DIGIT NUMBER FROM BOTTOM OF DIAMOND		WAS HAZARDOUS MATERIAL SPILLED?	RECOMMEND DRIVER RE EXAM IF YES EXPLAIN IN NARRATIVE	DRIVER'S PHONE NO							
	1 Yes 2 No	1 Yes 2 No			1 Yes 2 No	1 Yes 2 No	Unknown							

Section Vehicle	DRIVER ACTION	YEAR	MAKE	TYPE	USE	VEH LICENSE NUMBER	STATE	VEHICLE IDENTIFICATION NUMBER	18 Undercarriage 19 Overturn 20 Windshield 21 Trailer
	3 N/A		Mongoose	10	01	N/A		SNACE07G05600	15 16 17 18 19 20 21
	TRAILER OR TOWED VEHICLE INFORMATION								
Section Vehicle	VEHICLE TRAVELLING	ON	AT	Est MPH	Posted Speed	EST VEHICLE DAMAGE	1 Disabling 2 Functional 3 No Damage	EST TRAILER DAMAGE	DAMAGE AND CIRCLE DAMAGED AREA(S)
	Unknown	Herbert St	Unknown	2	30	20	2		6
	MOTOR VEHICLE INSURANCE COMPANY (LIABILITY OR PIP)	N/A							
Section Pedestrian	NAME OF VEHICLE OWNER (Check Box If Same As Driver)	CURRENT ADDRESS (Number and Street)		CITY AND STATE		ZIP CODE		1 Tow Rotation List 2 Tow Owner's Request 3 Driver 4 Other	
	Same as rider	Unknown		Unknown		Unknown		3	
	NAME OF MOTOR CARRIER (Commercial Vehicle Only)	CURRENT ADDRESS (Number and Street)		CITY, STATE AND ZIP CODE		US DOT or ICC MC IDENTIFICATION NUMBERS			

Section Pedestrian	NAME OF DRIVER (Take From Driver License) / PEDESTRIAN	CURRENT ADDRESS (Number and Street)		CITY, STATE & ZIP CODE		DATE OF BIRTH								
	Brandon T. Diekman	55 Springwood Sq		Port Orange, FL 32129		4-18-94								
	DRIVER LICENSE NUMBER	STATE	DL TYPE	REQ END	ALC/DRUG TEST TYPE	RESULTS	ALC/DRUG	PHYS DEF	RES	RACE	SEX	INJ	S EQUIP	EJECT
Section Pedestrian	N/A				1 Blood 3 Urine 5 None 2 Breath 4 Refused							4	6	7
	WAS HAZARDOUS MATERIAL BEING TRANSPORTED	PLACARDED	IF YES, INDICATE NAME OR FOUR DIGIT NUMBER FROM DIAMOND OR BOX ON PLACARD, AND 1 DIGIT NUMBER FROM BOTTOM OF DIAMOND		WAS HAZARDOUS MATERIAL SPILLED?	RECOMMEND DRIVER RE EXAM IF YES EXPLAIN IN NARRATIVE	DRIVER'S PHONE NO							
	1 Yes 2 No	1 Yes 2 No			1 Yes 2 No	1 Yes 2 No	306 788-2897							

Code Information	VEHICLE TYPE	VEHICLE USE	TRAILER TYPE	RESIDENCE (Driver / Ped.)	PHYSICAL DEFECTS	ALCOHOL / DRUG USE	LOCATION IN VEHICLE
	01 Automobile 02 Van 03 Light Truck / P.U. 2 or 4 rear tires 04 Medium Truck - 4 rear tires 05 Heavy Truck - 2 or more rear axles 06 Truck Tractor (Cab-Booth) 07 Motor Home (RV) 08 Bus (driver + seats for 9-15) 09 Bus (driver + seats for over 15) 10 Bicycle 11 Motorcycle 12 Moped 13 All Terrain Vehicle 14 Train 15 Low Speed Vehicle 77 Other	01 Private Transportation 02 Commercial Passengers 03 Commercial Cargo 04 Public Transportation 05 Public School Bus 06 Private School Bus 07 Ambulance 08 Law Enforcement 09 Fire / Rescue 10 Military 11 Other Government 12 Dump 13 Concrete Mixer 14 Garbage or Refuse 15 Cargo Van 77 Other	01 Single Semi Trailer 02 Tandem Semi Trailer 03 Tank Trailer 04 Saddle Mount / Flatbed 05 Boat Trailer 06 Utility Trailer 07 House Trailer 08 Pole Trailer 09 Towed Vehicle 10 Auto Transport 77 Other	1 County of Crash 2 Elsewhere in State 3 Non-Resident Out of State 4 Foreign 5 Unknown	1 No Defects Known 2 Eyesight Defect 3 Fatigue / Asleep 4 Hearing Defect 5 Illness 6 Seizure Epilepsy, Blackout 7 Other Physical Defect	1 Not Drinking or Using Drugs 2 Alcohol - Under Influence 3 Drugs - Under Influence 4 Alcohol & Drugs - Under Influence 5 Had Been Drinking 6 Pending ALC/DRUG Test Results	1 Front Left 2 Front Center 3 Front Right 4 Rear Left 5 Rear Center 6 Rear Right 7 In Body Of Truck 8 Bus Passenger 9 Other
	DL TYPE	RACE	REQUIRED ENDORSEMENTS	SEX	INJURY SEVERITY	SAFETY EQUIPMENT IN USE	EJECTED
1 A 2 B 3 C	1 White 2 Black 3 Hispanic 4 Other	1 Yes 2 No 3 No Endorsement Required	1 Male 2 Female	1 None 2 Possible 3 Non-Incapacitating 4 Incapacitating 5 Fatal (Within 30 Days) 6 Non-Traffic Fatality	1 Not In Use 2 Seat Belt / Shoulder Harness 3 Child Restraint 4 Air Bag - Deployed 5 Air Bag - Not Deployed 6 Safety Helmet 7 Eye Protection	1 No 2 Yes 3 Partial	

DRIVER ACTION	1 Phantom 2 Hit & Run 3 N/A	YEAR	MAKE	TYPE	USE	VEH. LICENSE NUMBER	STATE	VEHICLE IDENTIFICATION NUMBER	2 3 4 5 6 7 8 9	18 Undercarriage 19 Overturn 20 Windshield 21 Trailer				
TRAILER OR TOWED VEHICLE INFORMATION				TRAILER TYPE					15 16 17 18 19 20 21	SHOW FIRST POINT OF VEHICLE DAMAGE AND CIRCLE DAMAGED AREA(S)				
VEHICLE TRAVELLING	N S E W	ON	AT	Est. MPH	Posted Speed	EST VEHICLE DAMAGE	1 Disabling 2 Functional 3 No Damage		EST TRAILER DAMAGE	1 Tow Rotation List 2 Tow Owner's Request 3 Driver 4 Other				
MOTOR VEHICLE INSURANCE COMPANY (LIABILITY OR PIP)				POLICY NUMBER		VEHICLE REMOVED BY								
NAME OF VEHICLE OWNER (Check Box If Same As Driver)	<input type="checkbox"/>			CURRENT ADDRESS (Number and Street)		CITY AND STATE				ZIP CODE				
NAME OF OWNER (Trailer or Towed Vehicle)				CURRENT ADDRESS (Number and Street)		CITY AND STATE				ZIP CODE				
NAME OF MOTOR CARRIER (Commercial Vehicle Only)				CURRENT ADDRESS (Number and Street)		CITY STATE AND ZIP CODE				US DOT or ICC MC IDENTIFICATION NUMBERS				
NAME OF DRIVER (Take From Driver License) / PEDESTRIAN				CURRENT ADDRESS (Number and Street)		CITY STATE & ZIP CODE				DATE OF BIRTH				
DRIVER LICENSE NUMBER		STATE	DL TYPE	REQ. END	ALC/DRUG TEST TYPE	RESULTS	ALC/DRUG	PHYS DEF	RES	RACE	SEX	INJ	S EQUIP	EJECT
HAZARDOUS MATERIALS BEING TRANSPORTED	1 Yes 2 No	PLACARDED	1 Yes 2 No	IF YES INDICATE NAME OR 4 DIGIT NUMBER FROM DIAMOND OR BOX ON PLACARD, AND 1 DIGIT NUMBER FROM BOTTOM OF DIAMOND	1 Blood 3 Urine 5 None 2 Breath 4 Refused		WAS HAZARDOUS MATERIAL SPILLED?	1 Yes 2 No	RECOMMEND DRIVER RE-EXAM IF YES EXPLAIN IN NARRATIVE	1 Yes 2 No			DRIVER'S PHONE NO	() () ()

# 1	PROPERTY DAMAGED - OTHER THAN VEHICLES	EST. AMOUNT	OWNER'S NAME	ADDRESS	CITY	STATE	ZIP
# 2	PROPERTY DAMAGED - OTHER THAN VEHICLES	EST. AMOUNT	OWNER'S NAME	ADDRESS	CITY	STATE	ZIP

CONTRIBUTING CAUSES - DRIVER / PEDESTRIAN	VEHICLE DEFECT	VEHICLE MOVEMENT	VEHICLE SPECIAL FUNCTIONS
01 No Improper Driving / Action 02 Careless Driving (Explain in Narrative) 03 Failed To Yield Right - of - Way 04 Improper Backing 05 Improper Lane Change 06 Improper Turn 07 Alcohol - Under Influence 08 Drugs - Under Influence 09 Alcohol & Drugs - Under Influence 10 Followed Too Closely 11 Disregarded Traffic Signal 12 Exceeded Safe Speed Limit 13 Disregarded Stop Sign 14 Failed To Maintain Equip / Vehicle 15 Improper Passing 16 Drove Left of Center 17 Exceeded Stated Speed Limit 18 Obstructing Traffic	01 No Defects 02 Def. Brakes 03 Worn / Smooth Tires 04 Defective / Improper Lights 05 Puncture / Blowout 06 Steering Mech 07 Windshield Wipers 08 Equipment / Vehicle Defect 77 All Other (Explain in Narrative)	01 Straight Ahead 02 Slowing / Stopped / Stalled 03 Making Left Turn 04 Backing 05 Making Right Turn 06 Changing Lanes 07 Entering / Leaving / Parking Space 08 Property Parked 09 Improperly Parked 10 Making U-Turn	1 None 2 Farm 3 Police Pursuit 4 Recreational 5 Emergency Operation 6 Construction / Maintenance
19 Improper Load 20 Disregarded Other Traffic Control 21 Driving Wrong Side / Way 22 Fleeing Police 23 Vehicle Modified 24 Driver Distraction (Explain in Narrative) 77 All Other (Explain in Narrative)	POINT OF COLLISION 01 On Road 02 Not On Road 03 Shoulder 04 Median 05 Turn Lane WORK AREA 01 None 02 Nearby 03 Entered	11 Passing 12 Driverless or Runaway Vehicle 77 All Other (Explain in Narrative)	SOURCE OF CARRIER INFORMATION 1 Not Applicable 2 Shipping Papers 3 Vehicle Side 4 Driver 5 Other
		PEDESTRIAN ACTION 01 Crossing Not at Intersection 02 Crossing at Mid-block Crosswalk 03 Crossing at Intersection 04 Walking Along Road With Traffic 05 Walking Along Road Against Traffic 06 Working on Vehicle In Road 07 Working In Road 08 Standing/Playing In Road 09 Standing In Pedestrian Island 77 All Other (Explain in Narrative) 88 Unknown	LOCATION TYPE 1 Primarily Business 2 Primarily Residential 3 Open Country

FIRST / SUBSEQUENT HARMFUL EVENT(S)	ROAD SYSTEM IDENTIFIER	LIGHTING CONDITION
01 Collision With MV in Transport (Rear End) 02 Collision With MV in Transport (Head On) 03 Collision With MV in Transport (Angle) 04 Collision With MV in Transport (Left Turn) 05 Collision With MV in Transport (Right Turn) 06 Collision With MV in Transport (Sideswipe) 07 Collision With MV in Transport (Backed Into) 08 Collision With Parked Car 09 Collision With MV on Roadway 10 Collision With Pedestrian 11 Collision With Bicycle 12 Collision With Bicycle (Bike Lane) 13 Collision With Moped 14 Collision With Train 15 Collision With Animal 16 MV Hit Sign / Sign Post 17 MV Hit Utility Pole / Light Pole 18 MV Hit Guardrail 19 MV Hit Fence 20 MV Hit Concrete Barrier Wall 21 MV Hit Bridge/Pier/Abutment/Rail 22 MV Hit Tree / Shrubbery 23 Collision With Construction Barricade Sign 24 Collision With Traffic Gate 25 Collision With Crash Attenuators 26 Collision With Fixed Object Above Road 27 MV Hit Other Fixed Object 28 Collision With Moveable Object On Road 29 MV Ran Into Ditch/Culvert 30 Ran Off Road into Water 31 Overturned 32 Occupant Fell From Vehicle 33 Tractor/Trailer Jackknifed 34 Fire 35 Explosion 36 Downhill Runaway 37 Cargo Loss or Shift 38 Separation of Units 39 Median Crossover 77 All Other (Explain in Narrative)	01 Interstate 02 U.S. 03 State 04 County 05 Local 06 Turnpike / Toll 07 Forest Road 08 Private Roadway 77 All Other (Explain in Narrative)	01 Daylight 02 Dusk 03 Dawn 04 Dark (Street Light) 05 Dark (No Street Light) 88 Unknown
	ROAD SURFACE CONDITION 01 Dry 02 Wet 03 Slippery 04 Icy 77 All Other (Explain in Narrative)	WEATHER 01 Clear 02 Cloudy 03 Rain 04 Fog 77 All Other (Explain in Narrative)
	ROAD SURFACE TYPE 01 Slag/Gravel/Stone 02 Blacktop 03 Brck/Block 04 Concrete 05 Dirt 77 All Other (Explain in Narrative)	

ROAD CONDITIONS AT TIME OF CRASH	VISION OBSTRUCTED	TRAFFIC CONTROL	SITE LOCATION	TRAFFICWAY CHARACTER
01 No Defects 02 Obstruction With Warning 03 Obstruction Without Warning 04 Road Under Repair / Construction 05 Loose Surface Materials 06 Shoulders - Soft / Low / High 07 Holes / Ruts / Unsafe Paved Edge 08 Standing Water 09 Worn / Polished Road Surface 77 All Other (Explain in Narrative)	01 Vision Not Obscured 02 Inclement Weather 03 Parked / Stopped Vehicle 04 Trees / Crops / Bushes 05 Load On Vehicle 06 Building / Fixed Object 07 Signs / Billboards 08 Fog 09 Smoke 10 Glare 77 All Other (Explain in Narrative)	01 No Control 02 Special Speed Zone 03 Speed Control Sign 04 School Zone 05 Traffic Signal 06 Stop Sign 07 Yield Sign 08 Flashing Light 09 Railroad Signal 10 Officer / Guard / Flagperson 11 Posted No U Turn 12 No Passing Zone 77 All Other (Explain in Narrative)	01 Not At Intersection / RR Crossing / Bridge 02 At Intersection 03 Influenced By Intersection 04 Driveway Access 05 Railroad 06 Bridge 07 Entrance Ramp 08 Exit Ramp 09 Parking Lot - Public 10 Parking Lot - Private 11 Private Property 12 Toll Booth 13 Public Bus Stop Zone 77 All Other (Explain in Narrative)	01 Straight - Level 02 Straight Upgrade / Downgrade 03 Curve - Level 04 Curve - Upgrade / Downgrade TYPE SHOULDER 01 Paved 02 Unpaved 03 Curb

VIOLATOR(S)	SECTION #	NAME OF VIOLATOR	FL STATUTE NUMBER	CHARGE	CITATION NUMBER
	SECTION #	NAME OF VIOLATOR	FL STATUTE NUMBER	CHARGE	CITATION NUMBER
	SECTION #	NAME OF VIOLATOR	FL STATUTE NUMBER	CHARGE	CITATION NUMBER
	SECTION #	NAME OF VIOLATOR	FL STATUTE NUMBER	CHARGE	CITATION NUMBER

FLORIDA TRAFFIC CRASH REPORT NARRATIVE/DIAGRAM

MAIL TO DEPARTMENT OF HIGHWAY SAFETY & MOTOR VEHICLES, TRAFFIC CRASH
RECORDS SECTION NEIL KIRKMAN BUILDING, TALLAHASSEE FL 32399-0500

DO NOT WRITE IN THIS SPACE

TIME EMS NOTIFIED (FATALITIES ONLY) <input type="checkbox"/> AM <input type="checkbox"/> PM	TIME EMS ARRIVED (FATALITIES ONLY) <input type="checkbox"/> AM <input type="checkbox"/> PM	DATE OF CRASH 02/28/08	COUNTY / CITY CODE 08 / 56	INVEST AGENCY REPORT NUMBER 2008-002004	HSMV CRASH REPORT NUMBER 76330199
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(NARRATIVE)

Rider V2 stated that he was traveling east on Herbert St in the westbound travel lane, at the shoulder of the road and against traffic. Rider V2 stated that V1 was traveling west on Herbert St and its right side was right at the edge of the shoulder of the road, and that it struck him as it passed. Rider V2 stated that he was ejected from his bicycle into a nearby ditch and that V1 then drove away. V1 returned a moment later and the driver asked if the bicyclist was okay. V1 then left the area again and was not seen from that point. The only descriptions of V1 and its driver were as follows: a white male with a gray beard driving a white Dodge diesel truck, possibly a truck with dual rear wheels. Rider V2 continued home and reported the crash to his grandfather, Tony Anderson of 55 Springwood Ja. Rider V2 sustained an unknown injury to a foot, his back, and later complained of neck pain. Case inactive as there are no further leads to follow up.

SEC#	PASS#	PASSENGER'S NAME	CURRENT ADDRESS	CITY & STATE	ZIP CODE	DATE OF BIRTH	RACE	SEX	LOC	INJ	S EQUIP	EJECT
SEC#	PASS#	PASSENGER'S NAME	CURRENT ADDRESS	CITY & STATE	ZIP CODE	DATE OF BIRTH	RACE	SEX	LOC	INJ	S EQUIP	EJECT
SEC#	PASS#	PASSENGER'S NAME	CURRENT ADDRESS	CITY & STATE	ZIP CODE	DATE OF BIRTH	RACE	SEX	LOC	INJ	S EQUIP	EJECT
SEC#	PASS#	PASSENGER'S NAME	CURRENT ADDRESS	CITY & STATE	ZIP CODE	DATE OF BIRTH	RACE	SEX	LOC	INJ	S EQUIP	EJECT
SEC#	PASS#	PASSENGER'S NAME	CURRENT ADDRESS	CITY & STATE	ZIP CODE	DATE OF BIRTH	RACE	SEX	LOC	INJ	S EQUIP	EJECT
SEC#	PASS#	PASSENGER'S NAME	CURRENT ADDRESS	CITY & STATE	ZIP CODE	DATE OF BIRTH	RACE	SEX	LOC	INJ	S EQUIP	EJECT
SEC#	PASS#	PASSENGER'S NAME	CURRENT ADDRESS	CITY & STATE	ZIP CODE	DATE OF BIRTH	RACE	SEX	LOC	INJ	S EQUIP	EJECT

Violator(s)	SECTION #	NAME OF VIOLATOR	FL STATUTE NUMBER	CHARGE	CITATION NUMBER

WITNESS NAME (1)	CURRENT ADDRESS	CITY & STATE	ZIP CODE	WITNESS NAME (2)	CURRENT ADDRESS	CITY & STATE	ZIP CODE
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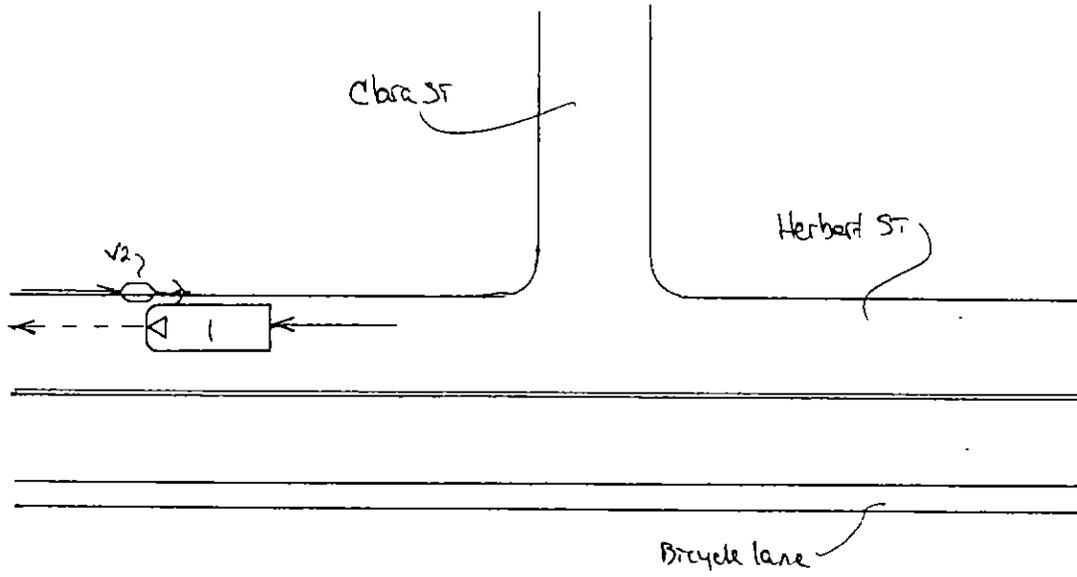
FIRST AID GIVEN BY - NAME	1 Physician or Nurse 2 Paramedic or EMT 3 Police Officer 4 Certified 1st Aider 5 Other	INJURED TAKEN TO	BY - NAME
	2	Halifax Hospital	EVAC

WAS INVESTIGATION MADE AT SCENE? 1 YES 2 NO	IF NO THEN WHERE?	IS INVESTIGATION COMPLETE? 1 YES 2 NO	IF NO THEN WHY?	DATE OF REPORT	PHOTOS TAKEN 1 YES 2 NO	IF YES BY WHOM? 1 INVESTIGATING AGENCY 2 OTHER
1		1		02/28/08	2	1

INVESTIGATOR - RANK & SIGNATURE	ID/BADGE NUMBER	DEPARTMENT	FHP SO PD OTHER
Det. James W. Aiken	3302 / 48	Port Orange Police Dept.	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>



INDICATE NORTH
WITH ARROW



*Not to scale

FLORIDA TRAFFIC CRASH REPORT

UPDATE CONTINUATION

MAIL TO: DEPT. OF HIGHWAY SAFETY & MOTOR VEHICLES, TRAFFIC CRASH RECORDS, MGL KIRKMAN BUILDING, TALLAHASSEE, FL 32399-0500

DO NOT WRITE IN THIS SPACE

DATE OF CRASH 02 28 08	COUNTY / CITY CODE 08 / 56	INVEST AGENCY REPORT NUMBER 2008-002004	HSMV CRASH REPORT NUMBER 76330199
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S e c t i o n	DRIVER ACTION 1 Phantom 2 Hit & Run 3 N/A	YEAR	MAKE	TYPE	USE	VEH LICENSE NUMBER	STATE	VEHICLE IDENTIFICATION NUMBER	2 3 4 5 6 7 8 9 10 11 12 13 14	18 Undercarriage 19 Overturn 20 Windshield 21 Trailer				
	TRAILER OR TOWED VEHICLE INFORMATION									15 16 17 18	SHOW FIRST POINT OF VEHICLE DAMAGE AND CIRCLE DAMAGED AREAS			
V e h i c l e	VEHICLE TRAVELLING N S E W		ON	AT	Est. MPH	Posted Speed	EST VEHICLE DAMAGE	1 Disabling 2 Functional 3 No Damage	EST TRAILER DAMAGE	DAMAGE AND CIRCLE DAMAGED AREAS				
	MOTOR VEHICLE INSURANCE COMPANY (LIABILITY OR PIP)						POLICY NUMBER	VEHICLE REMOVED BY		1 Tow Rotation List 2 Tow Owner's Request 3 Driver 4 Other				
P e d e s t r i a n	NAME OF VEHICLE OWNER (Check Box If Same As Driver)		CURRENT ADDRESS (Number and Street)			CITY AND STATE		ZIP CODE						
	NAME OF OWNER (Trailer or Towed Vehicle)		CURRENT ADDRESS (Number and Street)			CITY AND STATE		ZIP CODE						
NAME OF MOTOR CARRIER (Commercial Vehicle Only)		CURRENT ADDRESS (Number and Street)			CITY, STATE AND ZIP CODE		US DOT or ICC MC IDENTIFICATION NUMBERS							
NAME OF DRIVER (Take From Driver License) / PEDESTRIAN		CURRENT ADDRESS (Number and Street)			CITY, STATE & ZIP CODE		DATE OF BIRTH							
DRIVER LICENSE NUMBER		STATE	DL TYPE	REQ. END	ALCO/DRUG TEST TYPE	RESULTS	ALCO/DRUG	PHYS DEF	RES	RACE	SEX	INJ	S EQUIP	EJECT
HAZARDOUS MATERIALS BEING TRANSPORTED		PLACARDED	IF YES INDICATE NAME OR 4 DIGIT NUMBER FROM DIAMOND OR BOX ON PLACARD, AND 1 DIGIT NUMBER FROM BOTTOM OF DIAMOND			WAS HAZARDOUS MATERIAL SPILLED?	RECOMMEND DRIVER RE-EXAM IF YES EXPLAIN IN NARRATIVE		DRIVER'S PHONE NO					

S e c t i o n	DRIVER ACTION 1 Phantom 2 Hit & Run 3 N/A	YEAR	MAKE	TYPE	USE	VEH LICENSE NUMBER	STATE	VEHICLE IDENTIFICATION NUMBER	2 3 4 5 6 7 8 9 10 11 12 13 14	18 Undercarriage 19 Overturn 20 Windshield 21 Trailer				
	TRAILER OR TOWED VEHICLE INFORMATION									15 16 17 18	SHOW FIRST POINT OF VEHICLE DAMAGE AND CIRCLE DAMAGED AREAS			
V e h i c l e	VEHICLE TRAVELLING N S E W		ON	AT	Est. MPH	Posted Speed	EST VEHICLE DAMAGE	1 Disabling 2 Functional 3 No Damage	EST TRAILER DAMAGE	DAMAGE AND CIRCLE DAMAGED AREAS				
	MOTOR VEHICLE INSURANCE COMPANY (LIABILITY OR PIP)						POLICY NUMBER	VEHICLE REMOVED BY		1 Tow Rotation List 2 Tow Owner's Request 3 Driver 4 Other				
P e d e s t r i a n	NAME OF VEHICLE OWNER (Check Box If Same As Driver)		CURRENT ADDRESS (Number and Street)			CITY AND STATE		ZIP CODE						
	NAME OF OWNER (Trailer or Towed Vehicle)		CURRENT ADDRESS (Number and Street)			CITY AND STATE		ZIP CODE						
NAME OF MOTOR CARRIER (Commercial Vehicle Only)		CURRENT ADDRESS (Number and Street)			CITY, STATE AND ZIP CODE		US DOT or ICC MC IDENTIFICATION NUMBERS							
NAME OF DRIVER (Take From Driver License) / PEDESTRIAN		CURRENT ADDRESS (Number and Street)			CITY, STATE & ZIP CODE		DATE OF BIRTH							
DRIVER LICENSE NUMBER		STATE	DL TYPE	REQ. END	ALCO/DRUG TEST TYPE	RESULTS	ALCO/DRUG	PHYS DEF	RES	RACE	SEX	INJ	S EQUIP	EJECT
HAZARDOUS MATERIALS BEING TRANSPORTED		PLACARDED	IF YES INDICATE NAME OR 4 DIGIT NUMBER FROM DIAMOND OR BOX ON PLACARD, AND 1 DIGIT NUMBER FROM BOTTOM OF DIAMOND			WAS HAZARDOUS MATERIAL SPILLED?	RECOMMEND DRIVER RE-EXAM IF YES EXPLAIN IN NARRATIVE		DRIVER'S PHONE NO					

PROPERTY DAMAGED - OTHER THAN VEHICLES	EST AMOUNT	OWNER'S NAME	ADDRESS	CITY	STATE	ZIP
PROPERTY DAMAGED - OTHER THAN VEHICLES	EST AMOUNT	OWNER'S NAME	ADDRESS	CITY	STATE	ZIP
PROPERTY DAMAGED - OTHER THAN VEHICLES	EST AMOUNT	OWNER'S NAME	ADDRESS	CITY	STATE	ZIP
PROPERTY DAMAGED - OTHER THAN VEHICLES	EST AMOUNT	OWNER'S NAME	ADDRESS	CITY	STATE	ZIP

WITNESS NAME (A)	CURRENT ADDRESS	CITY & STATE	ZIP CODE	WITNESS NAME (B)	CURRENT ADDRESS	CITY & STATE	ZIP CODE
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WAS INVESTIGATION MADE AT SCENE?	1 YES 2 NO	IF NO THEN WHERE?	IS INVESTIGATION COMPLETE?	1 YES 2 NO	IF NO THEN WHY?	DATE OF REPORT	PHOTOS TAKEN	1 YES 2 NO	IF YES BY WHOM?	1 INVESTIGATING AGENCY 2 OTHER
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INVESTIGATOR RANK & SIGNATURE	OFFICER	ID/BADGE NUMBER	DEPARTMENT	FHP	SO	PD	OTHER
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CONTRIBUTING CAUSES - DRIVER / PEDESTRIAN 01 No Improper Driving / Action 02 Careless Driving (Explain in Narrative) 03 Failed To Yield Right - of - Way 04 Improper Backing 05 Improper Lane Change 06 Improper Turn 07 Alcohol - Under Influence 08 Drugs - Under Influence 09 Alcohol & Drugs - Under Influence 10 Followed Too Closely 11 Disregarded Traffic Signal 12 Exceeded Safe Speed Limit 13 Disregarded Stop Sign 14 Failed To Maintain Equip / Vehicle 15 Improper Passing 16 Drove Left of Center 17 Exceeded Stated Speed Limit 18 Obstructing Traffic		VEHICLE DEFECT 01 No Defects 02 Def Brakes 03 Worn / Smooth Tires 04 Defective / Improper Lights 05 Puncture / Blowout 06 Steering Mech 07 Windshield Wipers 08 Equipment / Vehicle Defect 77 All Other (Explain in Narrative)		VEHICLE MOVEMENT 01 Straight Ahead 02 Slowing / Stopped / Stalled 03 Making Left Turn 04 Backing 05 Making Right Turn 06 Changing Lanes 07 Entering / Leaving / Parking Space 08 Properly Parked 09 Improperly Parked 10 Making U-Turn		VEHICLE SPECIAL FUNCTIONS 1 None 2 Farm 3 Police Pursuit 4 Recreational 5 Emergency Operation 6 Construction / Maintenance	
19 Improper Load 20 Disregarded Other Traffic Control 21 Driving Wrong Side / Way 22 Fleeting Police 23 Vehicle Modified 24 Driver Distraction (Explain in Narrative) 77 All Other (Explain in Narrative)		POINT OF COLLISION 01 On Road 02 Not On Road 03 Shoulder 04 Median 05 Turn Lane		PEDESTRIAN ACTION 01 Crossing Not at Intersection 02 Crossing at Mid-block Crosswalk 03 Crossing at Intersection 04 Walking Along Road With Traffic 05 Walking Along Road Against Traffic 06 Working on Vehicle In Road 07 Working in Road 08 Standing/Playing in Road 09 Standing in Pedestrian Island 77 All Other (Explain in Narrative) 88 Unknown		SOURCE OF CARRIER INFORMATION 1 Not Applicable 2 Shipping Papers 3 Vehicle Side 4 Driver 5 Other	

FIRST / SUBSEQUENT HARMFUL EVENT(S) 01 Collision With MV in Transport (Rear End) 02 Collision With MV in Transport (Head On) 03 Collision With MV in Transport (Angle) 04 Collision With MV in Transport (Left Turn) 05 Collision With MV in Transport (Right Turn) 06 Collision With MV in Transport (Sideswipe) 07 Collision With MV in Transport (Backed Into) 08 Collision With Parked Car 09 Collision With MV on Roadway 10 Collision With Pedestrian 11 Collision With Bicycle 12 Collision With Bicycle (Bike Lane) 13 Collision With Moped 14 Collision With Train 15 Collision With Animal 16 MV Hit Sign / Sign Post 17 MV Hit Utility Pole / Light Pole 18 MV Hit Guardrail 19 MV Hit Fence 20 MV Hit Concrete Barrier Wall 21 MV Hit Bridge/Pier/Abutment/Pile 22 MV Hit Tree / Shrubbery 23 Collision With Construction Barricade Sign 24 Collision With Traffic Gate 25 Collision With Crash Attenuators 26 Collision With Fixed Object Above Road 27 MV Hit Other Fixed Object 28 Collision With Moveable Object On Road 29 MV Ran Into Object/Obvert 30 Ran Off Road Into Water 31 Overturned 32 Occupant Fell From Vehicle 33 Tractor/Trailer Jackknifed 34 Fire 35 Explosion 36 Downhill Runaway 37 Cargo Loss or Shift 38 Separation of Units 39 Median Crossover 77 All Other (Explain in Narrative)			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
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(ADDITIONAL NARRATIVE)

explained to Brandon Diekman that I had some photos for him to look at, and that the driver of the truck that struck him may or may not be in the group of photos. I explained to Brandon that he should take his time while looking at the photos and not rush his decision. I also advised Brandon that he would have to be 100% positive about any identification he may make. I then showed Brandon Diekman the photo lineup provided to me by Ofc. Towns in which Mr. Rippey's photo was included as photo #5. After about one minute of looking at the photo lineup Brandon Diekman pointed to photo #5 and stated that the person in that photo looked similar to the person who had been driving the white Dodge truck, but that he could not be positive. Brandon then stated that he could not be 100% positive that the person in the photo was the one who had struck him. I then took the photo lineup away and thanked Brandon for his honesty and decisiveness. I provided him with my business card in case his grandmother had lost the first one I gave her, and asked for them to contact me with any questions that they may have. Since there was no attributable damage to the truck and no positive identification made of Mr. Rippey, he should no longer be considered a suspect. No further leads have arisen for follow up. Case inactive.

ADDITIONAL PASSENGERS												
SEC#	PASS#	PASSENGER'S NAME	CURRENT ADDRESS	CITY & STATE	ZIP CODE	DATE OF BIRTH	RACE	SEX	LOC	INJ	S EQUIP	EJECT

Violator(s)	SECTION #	NAME OF VIOLATOR	FL STATUTE NUMBER	CHARGE	CITATION NUMBER
	SECTION #	NAME OF VIOLATOR	FL STATUTE NUMBER	CHARGE	CITATION NUMBER

FLORIDA TRAFFIC CRASH REPORT

UPDATE CONTINUATION

MAIL TO: DEPT. OF HIGHWAY SAFETY & MOTOR VEHICLES, TRAFFIC CRASH RECORDS, NEIL KIRKMAN BUILDING, TALLAHASSEE, FL 32399 0500

DO NOT WRITE IN THIS SPACE

DATE OF CRASH	COUNTY / CITY CODE	INVEST AGENCY REPORT NUMBER	HSMV CRASH REPORT NUMBER
02 28 08	08 / 56	2008-002004	76330199

S c r i p t i o n	DRIVER ACTION	YEAR	MAKE	TYPE	USE	VEH LICENSE NUMBER	STATE	VEHICLE IDENTIFICATION NUMBER	<table border="1" style="font-size: 8px;"> <tr><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td></tr> <tr><td>1</td><td>15</td><td>16</td><td>17</td><td>8</td><td></td></tr> <tr><td>14</td><td>13</td><td>12</td><td>11</td><td>10</td><td>9</td></tr> </table>	2	3	4	5	6	7	1	15	16	17	8		14	13	12	11	10	9	18 Undercarriage 19 Overturn 20 Windshield 21 Trailer
	2	3	4	5	6	7																						
	1	15	16	17	8																							
	14	13	12	11	10	9																						
	TRAILER OR TOWED VEHICLE INFORMATION																											
	VEHICLE TRAVELLING: ON AT Est. MPH Posted Speed EST VEHICLE DAMAGE 1 Disabling 2 Functional 3 No Damage EST TRAILER DAMAGE DAMAGE AND CIRCLE DAMAGED AREA(S)																											
	MOTOR VEHICLE INSURANCE COMPANY (LIABILITY OR PIP) POLICY NUMBER VEHICLE REMOVED BY 1 Tow Rotation List 3 Driver																											
	NAME OF VEHICLE OWNER (Check Box if Same As Driver) CURRENT ADDRESS (Number and Street) CITY AND STATE ZIP CODE																											
	NAME OF OWNER (Trailer or Towed Vehicle) CURRENT ADDRESS (Number and Street) CITY AND STATE ZIP CODE																											
	NAME OF MOTOR CARRIER (Commercial Vehicle Only) CURRENT ADDRESS (Number and Street) CITY, STATE AND ZIP CODE US DOT or ICC MC IDENTIFICATION NUMBERS																											
NAME OF DRIVER (Take From Driver License) / PEDESTRIAN CURRENT ADDRESS (Number and Street) CITY, STATE & ZIP CODE DATE OF BIRTH																												
DRIVER LICENSE NUMBER STATE DL TYPE REQ END ALC/DRUG TEST TYPE RESULTS ALC/DRUG PHYS DEF RES RACE SEX INJ S EQUIP EJECT																												

S c r i p t i o n	DRIVER ACTION	YEAR	MAKE	TYPE	USE	VEH LICENSE NUMBER	STATE	VEHICLE IDENTIFICATION NUMBER	<table border="1" style="font-size: 8px;"> <tr><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td></tr> <tr><td>1</td><td>15</td><td>16</td><td>17</td><td>8</td><td></td></tr> <tr><td>14</td><td>13</td><td>12</td><td>11</td><td>10</td><td>9</td></tr> </table>	2	3	4	5	6	7	1	15	16	17	8		14	13	12	11	10	9	18 Undercarriage 19 Overturn 20 Windshield 21 Trailer
	2	3	4	5	6	7																						
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	TRAILER OR TOWED VEHICLE INFORMATION																											
	VEHICLE TRAVELLING: ON AT Est. MPH Posted Speed EST VEHICLE DAMAGE 1 Disabling 2 Functional 3 No Damage EST TRAILER DAMAGE DAMAGE AND CIRCLE DAMAGED AREA(S)																											
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DRIVER LICENSE NUMBER STATE DL TYPE REQ END ALC/DRUG TEST TYPE RESULTS ALC/DRUG PHYS DEF RES RACE SEX INJ S EQUIP EJECT																												
HAZARDOUS MATERIALS BEING TRANSPORTED PLACARDED IF YES INDICATE NAME OR 4 DIGIT NUMBER FROM DIAMOND OR BOX ON PLACARD AND 1 DIGIT NUMBER FROM BOTTOM OF DIAMOND WAS HAZARDOUS MATERIAL SPILLED? RECOMMEND DRIVER RE EXAM IF YES EXPLAIN IN NARRATIVE DRIVER'S PHONE NO																												

PROPERTY DAMAGED - OTHER THAN VEHICLES	EST AMOUNT	OWNER'S NAME	ADDRESS	CITY	STATE	ZIP
	\$					
PROPERTY DAMAGED - OTHER THAN VEHICLES	EST AMOUNT	OWNER'S NAME	ADDRESS	CITY	STATE	ZIP
	\$					
PROPERTY DAMAGED - OTHER THAN VEHICLES	EST AMOUNT	OWNER'S NAME	ADDRESS	CITY	STATE	ZIP
	\$					
PROPERTY DAMAGED - OTHER THAN VEHICLES	EST AMOUNT	OWNER'S NAME	ADDRESS	CITY	STATE	ZIP
	\$					

WITNESS NAME (1)	CURRENT ADDRESS	CITY & STATE	ZIP CODE	WITNESS NAME (2)	CURRENT ADDRESS	CITY & STATE	ZIP CODE
Angelica Bratek	47 Springwood Sq	Port Orange, FL	32129				
WAS INVESTIGATION MADE AT SCENE? 1 YES 2 NO	IF NO THEN WHERE? see report	IS INVESTIGATION COMPLETE? 1 YES 2 NO	DATE OF REPORT 04 11 08	PHOTOS TAKEN 1 YES 2 NO	IF YES, BY WHOM? 1 INVESTIGATING AGENCY 2 OTHER		
INVESTIGATOR - RANK & SIGNATURE				DEPARTMENT		FHP SO PD OTHER	
Ofc T. Aiken 3302 / 48				Port Orange Police Department			

CONTRIBUTING CAUSES - DRIVER / PEDESTRIAN 01 No Improper Driving / Action 02 Careless Driving (Explain In Narrative) 03 Failed To Yield Right - of - Way 04 Improper Backing 05 Improper Lane Change 06 Improper Turn 07 Alcohol - Under Influence 08 Drugs - Under Influence 09 Alcohol & Drugs - Under Influence 10 Followed Too Closely 11 Disregarded Traffic Signal 12 Exceeded Safe Speed Limit 13 Disregarded Stop Sign 14 Failed To Maintain Equip. / Vehicle 15 Improper Passing 16 Drove Left of Center 17 Exceeded Stated Speed Limit 18 Obstructing Traffic 19 Improper Load 20 Disregarded Other Traffic Control 21 Driving Wrong Side / Way 22 Fleeing Police 23 Vehicle Modified 24 Driver Distraction (Explain In Narrative) 77 All Other (Explain In Narrative)		VEHICLE DEFECT 01 No Defects 02 Def Brakes 03 Worn / Smooth Tires 04 Defective / Improper Lights 05 Puncture / Blowout 06 Steering Mech 07 Windshield Wipers 08 Equipment / Vehicle Defect 77 All Other (Explain In Narrative)		VEHICLE MOVEMENT 01 Straight Ahead 02 Slowing / Stopped / Stalled 03 Making Left Turn 04 Backing 05 Making Right Turn 06 Changing Lanes 07 Entering / Leaving / Parking Space 08 Properly Parked 09 Improperly Parked 10 Making U-Turn 11 Passing 12 Driverless or Runaway Vehicle 77 All Other (Explain In Narrative)		VEHICLE SPECIAL FUNCTIONS 1 None 2 Farm 3 Police Pursuit 4 Recreational 5 Emergency Operation 6 Construction / Maintenance SOURCE OF CARRIER INFORMATION 1 Not Applicable 2 Shipping Papers 3 Vehicle Side 4 Driver 5 Other	
POINT OF COLLISION 01 On Road 02 Not On Road 03 Shoulder 04 Median 05 Turn Lane WORK AREA 01 None 02 Nearby 03 Entered		PEDESTRIAN ACTION 01 Crossing Not at Intersection 02 Crossing at Mid-block Crosswalk 03 Crossing at Intersection 04 Walking Along Road With Traffic 05 Walking Along Road Against Traffic 06 Working on Vehicle in Road 07 Working in Road 08 Standing/Playing In Road 09 Standing in Pedestrian Island 77 All Other (Explain In Narrative) 88 Unknown					

FIRST / SUBSEQUENT HARMFUL EVENT(S) 01 Collision With MV in Transport (Rear End) 02 Collision With MV in Transport (Head On) 03 Collision With MV in Transport (Angle) 04 Collision With MV in Transport (Left Turn) 05 Collision With MV in Transport (Right Turn) 06 Collision With MV in Transport (Sideswipe) 07 Collision With MV in Transport (Backed Into) 08 Collision With Parked Car 09 Collision With MV on Roadway 10 Collision With Pedestrian 11 Collision With Bicycle 12 Collision With Bicycle (Bike Lane) 13 Collision With Moped 14 Collision With Train 15 Collision With Animal 16 MV Hit Sign / Sign Post 17 MV Hit Utility Pole / Light Pole 18 MV Hit Guardrail 19 MV Hit Fence 20 MV Hit Concrete Barrier Wall 21 MV Hit Bridge/Pier/Abutment/Rail 22 MV Hit Tree / Shrubbery 23 Collision With Construction Barricade Sign 24 Collision With Traffic Gate 25 Collision With Crash Attenuators 26 Collision With Fixed Object Above Road 27 MV Hit Other Fixed Object 28 Collision With Movable Object On Road 29 MV Ran Into Ditch/Culvert 30 Ran Off Road Into Water 31 Overturned 32 Occupant Fell From Vehicle 33 Tractor/Trailer Jackknifed 34 Fire 35 Explosion 36 Downhill Runaway 37 Cargo Loss or Shift 38 Separation of Units 39 Median Crossover 77 All Other (Explain In Narrative)			
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(ADDITIONAL NARRATIVE)

On 4/04/08 I was advised by Toni Anderson, the grand-mother of Brandon Diekman, that a girl named Angelica Bratek was a witness to the crash and might be able to identify the driver. I made arrangements with Angelica's mother, Cindy Bratek, for me to interview Angelica at her school. On 4/11/08 I met with Angelica Bratek at the Silver Sands Middle School and conducted an interview. Feeling confident in her recollection of the event she witnessed, I showed her the same photo lineup that I had shown to B. Diekman. I first explained to her that the driver of the white Dodge truck may or may not be in the photos she was about to look at, and that she was not to make any quick decision regarding an identification. I further explained that she would have to be 100% positive on any identification she made, and Angelica stated that she understood. Upon viewing the photo lineup for several minutes Angelica stated that she did not see anyone in the photos who resembled the driver of the truck involved in this incident, and was unable to make an identification. Angelica stated that the driver had a beard somewhat similar to the subject in photo #5, David Lee Rippey, but that the driver was not bald. As there are no further leads to follow up this case is again inactivated.

ADDITIONAL PASSENGERS												
SEC#	PASS#	PASSENGER'S NAME	CURRENT ADDRESS	CITY & STATE	ZIP CODE	DATE OF BIRTH	RACE	SEX	LOC	INJ	\$ EQUIP	EJECT

Violator(s)	SECTION #	NAME OF VIOLATOR	FL STATUTE NUMBER	CHARGE	CITATION NUMBER
	SECTION #	NAME OF VIOLATOR	FL STATUTE NUMBER	CHARGE	CITATION NUMBER

ACI

FLORIDA TRAFFIC CRASH REPORT LONG FORM

MAIL TO: DEPT. OF HIGHWAY SAFETY & MOTOR VEHICLES, TRAFFIC CRASH RECORDS, NEIL KIRKMAN BUILDING, TALLAHASSEE, FL 32399-0537

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Time & Location: DATE OF CRASH 02 22 07, TIME OF CRASH 216 AM, TIME OFFICER NOTIFIED 217 AM, TIME OFFICER ARRIVED 220 AM, INVEST. AGENCY REPORT NUMBER 2007-01866, HSMV CRASH REPORT NUMBER 76330803. COUNTY / CITY CODE 08 156, CITY OR TOWN Port Orange, COUNTY Volusia. AT NODE NO. 43153, ORANGE AVE, GRANT ST.

Section 1: DRIVER ACTION 3, YEAR 96, MAKE BURK, TYPE 01, USE 01, VEH. LICENSE NUMBER J47KKM, STATE FL, VEHICLE IDENTIFICATION NUMBER 1G4AG554176420243. DRIVER NAME Arika Wayne Kotzenbach, 303 Grant St, Port Orange, FL. DATE OF BIRTH 1-8-97. DRIVER LICENSE NUMBER NIA. RESULTS 5. ALC/DRUG 1, PHYS. DEF. 1, RES. 1, RACE 1, SEX 1, INJ. 1, S. EQUIP. 1, EJECT. 1. DRIVER'S PHONE NO. 304-1115.

Section 2: DRIVER ACTION 3, YEAR 96, MAKE BURK, TYPE 01, USE 01, VEH. LICENSE NUMBER J47KKM, STATE FL, VEHICLE IDENTIFICATION NUMBER 1G4AG554176420243. DRIVER NAME Nicholas Ryan Condercuri, 303 Grant St, Port Orange, FL. DATE OF BIRTH 9-23-88. DRIVER LICENSE NUMBER C536636883430. RESULTS 5. ALC/DRUG 1, PHYS. DEF. 1, RES. 1, RACE 1, SEX 1, INJ. 1, S. EQUIP. 1, EJECT. 1. DRIVER'S PHONE NO. (386) 341-5329.

Code Information table with columns: VEHICLE TYPE, VEHICLE USE, TRAILER TYPE, RESIDENCE (Driver / Ped.), PHYSICAL DEFECTS, ALCOHOL / DRUG USE, LOCATION IN VEHICLE, INJURY SEVERITY, SAFETY EQUIPMENT IN USE, EJECTED.

**FLORIDA TRAFFIC CRASH REPORT
NARRATIVE/DIAGRAM**

MAIL TO: DEPARTMENT OF HIGHWAY SAFETY & MOTOR VEHICLES, TRAFFIC CRASH RECORDS SECTION, NEIL KIRKMAN BUILDING, TALLAHASSEE, FL 32399-0500

DO NOT WRITE IN THIS SPACE

TIME EMS NOTIFIED (FATALITIES ONLY) <input type="checkbox"/> AM <input type="checkbox"/> PM	TIME EMS ARRIVED (FATALITIES ONLY) <input type="checkbox"/> AM <input type="checkbox"/> PM	DATE OF CRASH 02 22 07	COUNTY / CITY CODE 08156	INVEST. AGENCY REPORT NUMBER 2007-01866	HSMV CRASH REPORT NUMBER 76330803
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(NARRATIVE)

P1 was walking s/bound on Orange Ave., on the west side of the road. V2 was traveling s/bound. P1 entered into the s/bound travel lane, without looking first. V2 took evasive action, however V2 passenger side made contact with P1. P1 suffered a broken ankle. P1 was found at fault for violating V2's right of way. SDFD responded along with Evac and transported P1 to Halifax P.O. ER.

SEC#	PASS#	PASSENGER'S NAME	CURRENT ADDRESS	CITY & STATE	ZIP CODE	DATE OF BIRTH	RACE	SEX	LOC	INJ	S. EQUIP.	EJECT.

Violator(s)	SECTION #	NAME OF VIOLATOR	FL STATUTE NUMBER	CHARGE	CITATION NUMBER

WITNESS NAME (1) Kasey Layman	CURRENT ADDRESS 54 Loggerhead Ct	CITY & STATE Ponce Inlet	ZIP CODE 304-3251	WITNESS NAME (2)	CURRENT ADDRESS	CITY & STATE	ZIP CODE
FIRST AID GIVEN BY - NAME SDFD 98	1. Physician or Nurse 2. Paramedic or EMT 3. Police Officer 4. Certified 1st Aider 5. Other			INJURED TAKEN TO: Halifax P.O.	BY - NAME EVAC		
WAS INVESTIGATION MADE AT SCENE? 1. YES 2. NO	IF NO, THEN WHERE? 1	IS INVESTIGATION COMPLETE? 1. YES 2. NO	IF NO, THEN WHY? 1	DATE OF REPORT 02 22 07	PHOTOS TAKEN 1. YES 2. NO	IF YES, BY WHOM? 1. INVESTIGATING AGENCY 2. OTHER	
INVESTIGATOR - RANK & SIGNATURE Off. V. Ningara	ID/BADGE NUMBER 33251004	DEPARTMENT POPD	FHP	SO	PD	OTHER	

DIAGRAM NOT TO SCALE



INDICATE NORTH WITH ARROW

Grant St.

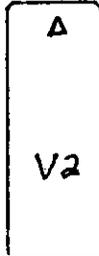
Stop Sign



Stop Sign



Area of Impact



Orange Ave

DRIVER ACTION	1 Phantom Hit & Run 2 Hit & Run 3 N/A	YEAR	MAKE	TYPE	USE	VEH LICENSE NUMBER	STATE	VEHICLE IDENTIFICATION NUMBER	2 3 4 5 6 7 8 9	18 Undercarriage 19 Overturn 20 Windshield 21 Trailer SHOW FIRST POINT OF VEHICLE DAMAGE AND CIRCLE DAMAGED AREA(S)				
TRAILER OR TOWED VEHICLE INFORMATION				TRAILER TYPE					15 16 17 18 19 20 21					
VEHICLE TRAVELLING	N S E W	ON	AT	Est MPH	Posted Speed	EST VEHICLE DAMAGE	1 Disabling 2 Functional 3 No Damage	EST TRAILER DAMAGE						
MOTOR VEHICLE INSURANCE COMPANY (LIABILITY OR PIP)		POLICY NUMBER		VEHICLE REMOVED BY		1 Tow Rotation List 2 Tow Owner's Request 3 Driver 4 Other								
NAME OF VEHICLE OWNER (Check Box If Same As Driver)	<input type="checkbox"/>	CURRENT ADDRESS (Number and Street)		CITY AND STATE		ZIP CODE								
NAME OF OWNER (Trailer or Towed Vehicle)		CURRENT ADDRESS (Number and Street)		CITY AND STATE		ZIP CODE								
NAME OF MOTOR CARRIER (Commercial Vehicle Only)		CURRENT ADDRESS (Number and Street)		CITY, STATE AND ZIP CODE		US DOT or ICC MC IDENTIFICATION NUMBERS								
NAME OF DRIVER (Take From Driver License) / PEDESTRIAN		CURRENT ADDRESS (Number and Street)		CITY, STATE & ZIP CODE		DATE OF BIRTH								
DRIVER LICENSE NUMBER		STATE	DL TYPE	REQ END	ALC/DRUG TEST TYPE	RESULTS	ALC/DRUG	PHYS DEF	RES	RACE	SEX	INJ	S EQUIP	EJECT
HAZARDOUS MATERIALS BEING TRANSPORTED	1 Yes 2 No	PLACARDED	1 Yes 2 No	IF YES INDICATE NAME OR 4 DIGIT NUMBER FROM DIAMOND OR BOX ON PLACARD, AND 1 DIGIT NUMBER FROM BOTTOM OF DIAMOND		WAS HAZARDOUS MATERIAL SPILLED?	1 Yes 2 No	RECOMMEND DRIVER RE EXAM. IF YES EXPLAIN IN NARRATIVE		DRIVER'S PHONE NO				

# 1	PROPERTY DAMAGED - OTHER THAN VEHICLES	EST AMOUNT	OWNER'S NAME	ADDRESS	CITY	STATE	ZIP
# 2	PROPERTY DAMAGED - OTHER THAN VEHICLES	EST AMOUNT	OWNER'S NAME	ADDRESS	CITY	STATE	ZIP

CONTRIBUTING CAUSES - DRIVER / PEDESTRIAN	VEHICLE DEFECT	VEHICLE MOVEMENT	VEHICLE SPECIAL FUNCTIONS
01 No Improper Driving / Action 02 Careless Driving (Explain In Narrative) 03 Failed To Yield Right - of - Way 04 Improper Backing 05 Improper Lane Change 06 Improper Turn 07 Alcohol - Under Influence 08 Drugs - Under Influence 09 Alcohol & Drugs - Under Influence 10 Followed Too Closely 11 Disregarded Traffic Signal 12 Exceeded Safe Speed Limit 13 Disregarded Stop Sign 14 Failed To Maintain Equip / Vehicle 15 Improper Passing 16 Drove Left of Center 17 Exceeded Stated Speed Limit 18 Obstructing Traffic	01 No Defects 02 Def Brakes 03 Worn / Smooth Tires 04 Detective / Improper Lights 05 Puncture / Blowout 06 Steering Mech 07 Windshield Wipers 08 Equipment / Vehicle Defect 77 All Other (Explain In Narrative)	01 Straight Ahead 02 Slowing / Stopped / Stalled 03 Making Left Turn 04 Backing 05 Making Right Turn 06 Changing Lanes 07 Entering / Leaving / Parking Space 08 Properly Parked 09 Improperly Parked 10 Making U-Turn	1 None 2 Farm 3 Police Pursuit 4 Recreational 5 Emergency Operation 6 Construction / Maintenance SOURCE OF CARRIER INFORMATION 1 Not Applicable 2 Shipping Papers 3 Vehicle Side 4 Driver 5 Other
19 Improper Load 20 Disregarded Other Traffic Control 21 Driving Wrong Side / Way 22 Fleeing Police 23 Vehicle Modified 24 Driver Distraction (Explain In Narrative) 77 All Other (Explain In Narrative)	POINT OF COLLISION 01 On Road 02 Not On Road 03 Shoulder 04 Median 05 Turn Lane WORK AREA 01 None 02 Nearby 03 Entered	PEDESTRIAN ACTION 01 Crossing Not at Intersection 02 Crossing at Mid-block Crosswalk 03 Crossing at Intersection 04 Walking Along Road With Traffic 05 Walking Along Road Against Traffic 06 Working on Vehicle In Road 07 Working In Road 08 Standing/Playing In Road 09 Standing in Pedestrian Island 77 All Other (Explain In Narrative) 88 Unknown	LOCATION TYPE 1 Primarily Business 2 Primarily Residential 3 Open Country

FIRST / SUBSEQUENT HARMFUL EVENT(S)	ROAD SYSTEM IDENTIFIER	LIGHTING CONDITION
01 Collision With MV in Transport (Rear End) 02 Collision With MV in Transport (Head On) 03 Collision With MV in Transport (Angle) 04 Collision With MV in Transport (Left Turn) 05 Collision With MV in Transport (Right Turn) 06 Collision With MV in Transport (Sideswipe) 07 Collision With MV in Transport (Backed Into) 08 Collision With Parked Car 09 Collision With MV on Roadway 10 Collision With Pedestrian 11 Collision With Bicycle 12 Collision With Bicycle (Bike Lane) 13 Collision With Moped 14 Collision With Train 15 Collision With Animal 16 MV Hit Sign / Sign Post 17 MV Hit Utility Pole / Light Pole 18 MV Hit Guardrail 19 MV Hit Fence 20 MV Hit Concrete Barrier Wall 21 MV Hit Bridge/Pier/Abutment/Rail 22 MV Hit Tree / Shrubbery 23 Collision With Construction Barnacle Sign 24 Collision With Traffic Gate 25 Collision With Crash Attenuators 26 Collision With Fixed Object Above Road 27 MV Hit Other Fixed Object 28 Collision With Moveable Object On Road 29 MV Ran Into Ditch/Culvert 30 Ran Off Road Into Water 31 Overturned 32 Occupant Fell From Vehicle 33 Tractor/Trailer Jackknifed 34 Fire 35 Explosion 36 Downhill Runaway 37 Cargo Loss or Shift 38 Separation of Units 39 Median Crossover 77 All Other (Explain In Narrative)	01 Interstate 02 U S 03 State 04 County 05 Local 06 Turnpike / Toll 07 Forest Road 08 Private Roadway 77 All Other (Explain In Narrative)	01 Daylight 02 Dusk 03 Dawn 04 Dark (Street Light) 05 Dark (No Street Light) 88 Unknown
ROAD CONDITIONS AT TIME OF CRASH	VISION OBSTRUCTED	TRAFFIC CONTROL
01 No Defects 02 Obstruction With Warning 03 Obstruction Without Warning 04 Road Under Repair / Construction 05 Loose Surface Materials 06 Shoulders - Soft / Low / High 07 Holes / Ruts / Unsafe Paved Edge 08 Standing Water 09 Worn / Polished Road Surface 77 All Other (Explain In Narrative)	01 Vision Not Obscured 02 Inclement Weather 03 Parked / Stopped Vehicle 04 Trees / Crops / Bushes 05 Load On Vehicle 06 Building / Fixed Object 07 Signs / Billboards 08 Fog 09 Smoke 10 Glare 77 All Other (Explain In Narrative)	01 No Control 02 Special Speed Zone 03 Speed Control Sign 04 School Zone 05 Traffic Signal 06 Stop Sign 07 Yield Sign 08 Flashing Light 09 Railroad Signal 10 Officer / Guard / Flagperson 11 Posted No U-Turn 12 No Passing Zone 77 All Other (Explain In Narrative)
ROAD CONDITIONS AT TIME OF CRASH	TRAFFIC CONTROL	SITE LOCATION
		01 Not At Intersection / RR X-ing / Bridge 02 At Intersection 03 Influenced By Intersection 04 Driveway Access 05 Railroad 06 Bridge 07 Entrance Ramp 08 Exit Ramp 09 Parking Lot - Public 10 Parking Lot - Private 11 Private Property 12 Toll Booth 13 Public Bus Stop Zone 77 All Other (Explain In Narrative)
ROAD CONDITIONS AT TIME OF CRASH	TRAFFIC CONTROL	TRAFFICWAY CHARACTER
		01 Straight - Level 02 Straight - Upgrade / Downgrade 03 Curve - Level 04 Curve - Upgrade / Downgrade TYPE SHOULDER 01 Paved 02 Unpaved 03 Curb

SECTION #	NAME OF VIOLATOR	FL STATUTE NUMBER	CHARGE	CITATION NUMBER
2	Tucker J Vanderveer	316.122	Failed to yield to traffic when left turn	N/A
SECTION #	NAME OF VIOLATOR	FL STATUTE NUMBER	CHARGE	CITATION NUMBER
SECTION #	NAME OF VIOLATOR	FL STATUTE NUMBER	CHARGE	CITATION NUMBER
SECTION #	NAME OF VIOLATOR	FL STATUTE NUMBER	CHARGE	CITATION NUMBER

FLORIDA TRAFFIC CRASH REPORT

NARRATIVE/DIAGRAM

MAIL TO DEPARTMENT OF HIGHWAY SAFETY & MOTOR VEHICLES, TRAFFIC CRASH RECORDS SECTION, NEIL KIRKMAN BUILDING, TALLAHASSEE, FL 32399-0500

DO NOT WRITE IN THIS SPACE

TIME EMS NOTIFIED (FATALITIES ONLY) <input type="checkbox"/> AM <input type="checkbox"/> PM	TIME EMS ARRIVED (FATALITIES ONLY) <input type="checkbox"/> AM <input type="checkbox"/> PM	DATE OF CRASH 02/02/09	COUNTY / CITY CODE 09/56	INVEST. AGENCY REPORT NUMBER 2009-001078	HSMV CRASH REPORT NUMBER 76330408
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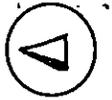
(NARRATIVE)

Vehicle 1 traveling East on Brandy Hills Dr approaching the intersection of Tumbler Dr. Vehicle 2 making a right turn onto Brandy Hills Dr from Tumbler Dr. Vehicle 2 now heading east on Brandy Hills Dr in front of Vehicle 1. Vehicle 1 crosses the intersection of Tumbler Dr. Vehicle 2 makes a left turn to cross to the North side of Brandy Hills Dr and collides with the front right bumper/fender of vehicle 1. The rear tire of vehicle 2 is bent and the driver of vehicle 2 is knocked off the bicycle. Vehicle 1 sustains a minor scuff mark to bumper. Driver of vehicle 1 stops and contacts driver of vehicle 2. Vehicle 1 driver offers to help the driver of vehicle 2 with a ride home but is declined. Driver of vehicle 1 takes the name of vehicle 2 and tries to report the accident to Holly Hill PD because he is from Nebraska. Vehicle 2 driver reports crash to his parents. Vehicle 2 driver states some swelling to right calf but does not request medical assistance. Phyllis and Joseph O'Connor witness the crash from the intersection of Tumbler Dr and Brandy Hills Dr. Driver of vehicle 2 is hearing impaired. Driver of vehicle 2 found at fault for the crash for failure to yield.

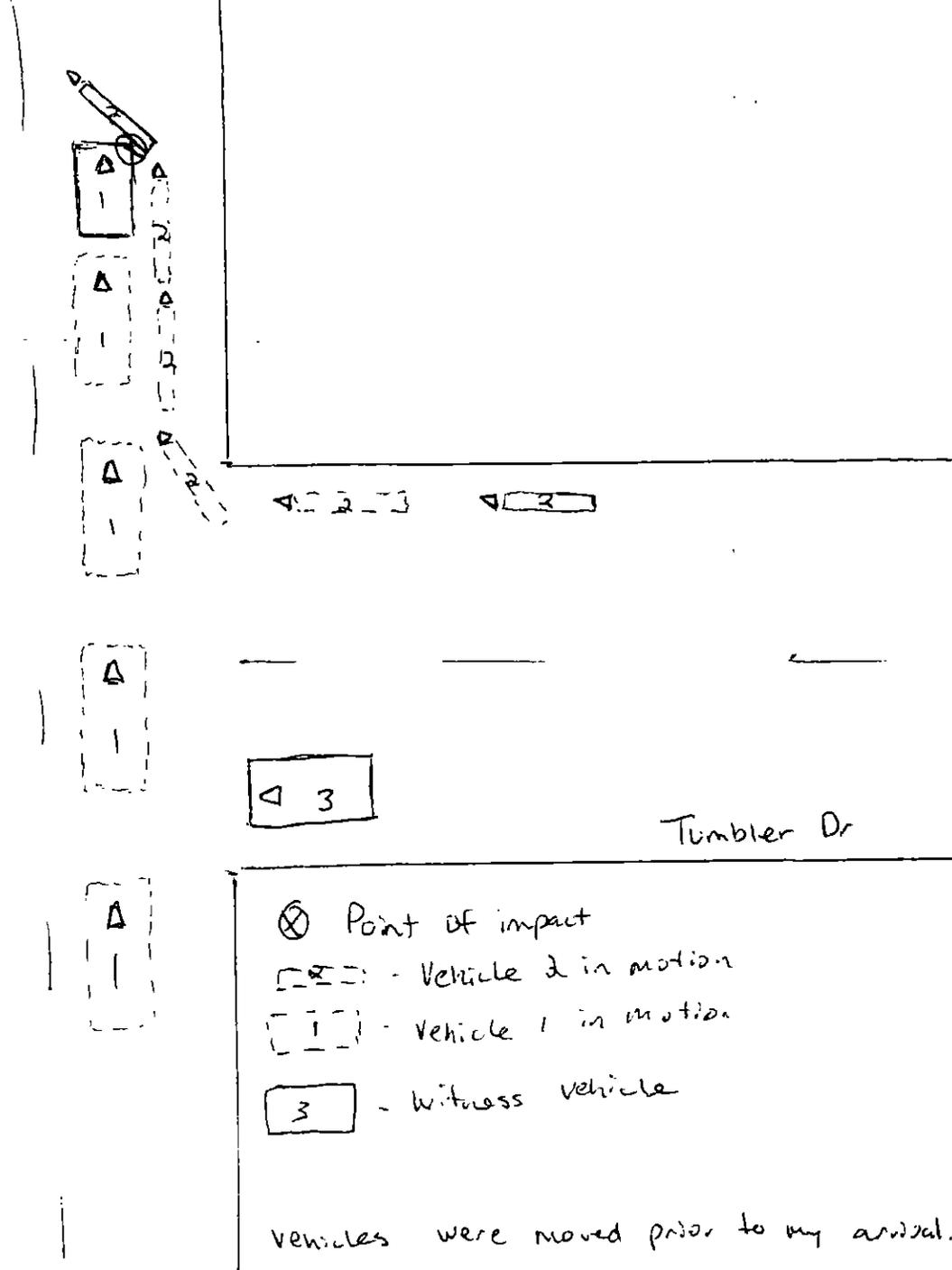
SEC#	PASS#	PASSENGER'S NAME	CURRENT ADDRESS	CITY & STATE	ZIP CODE	DATE OF BIRTH	RACE	SEX	LOC	INJ	S EQUIP.	EJECT.
SEC#	PASS#	PASSENGER'S NAME	CURRENT ADDRESS	CITY & STATE	ZIP CODE	DATE OF BIRTH	RACE	SEX	LOC	INJ	S EQUIP.	EJECT.
SEC#	PASS#	PASSENGER'S NAME	CURRENT ADDRESS	CITY & STATE	ZIP CODE	DATE OF BIRTH	RACE	SEX	LOC	INJ	S EQUIP.	EJECT.
SEC#	PASS#	PASSENGER'S NAME	CURRENT ADDRESS	CITY & STATE	ZIP CODE	DATE OF BIRTH	RACE	SEX	LOC	INJ	S EQUIP.	EJECT.
SEC#	PASS#	PASSENGER'S NAME	CURRENT ADDRESS	CITY & STATE	ZIP CODE	DATE OF BIRTH	RACE	SEX	LOC	INJ	S EQUIP.	EJECT.
SEC#	PASS#	PASSENGER'S NAME	CURRENT ADDRESS	CITY & STATE	ZIP CODE	DATE OF BIRTH	RACE	SEX	LOC	INJ	S EQUIP.	EJECT.
SEC#	PASS#	PASSENGER'S NAME	CURRENT ADDRESS	CITY & STATE	ZIP CODE	DATE OF BIRTH	RACE	SEX	LOC	INJ	S EQUIP.	EJECT.

VIOLATOR(S)	SECTION #	NAME OF VIOLATOR	FL STATUTE NUMBER	CHARGE	CITATION NUMBER
VIOLATOR(S)	SECTION #	NAME OF VIOLATOR	FL STATUTE NUMBER	CHARGE	CITATION NUMBER
VIOLATOR(S)	SECTION #	NAME OF VIOLATOR	FL STATUTE NUMBER	CHARGE	CITATION NUMBER

WITNESS NAME (1) Phyllis O'Connor	CURRENT ADDRESS 246 Manhattan Way	CITY & STATE Port Orange FL 32129	ZIP CODE 32129	WITNESS NAME (2) Joseph O'Connor	CURRENT ADDRESS 246 Manhattan Way	CITY & STATE Port Orange FL 32129	ZIP CODE 32129
FIRST AID GIVEN BY - NAME N/A	1 Physician or Nurse 2 Paramedic or EMT 3 Police Officer 4. Certified 1st Aider 5 Other			INJURED TAKEN TO N/A	BY - NAME N/A		
WAS INVESTIGATION MADE AT SCENE? 1 YES 2 NO 2	IF NO, THEN WHERE? 40 Loran Twist Ln	IS INVESTIGATION COMPLETE? 1 YES 2 NO 1	IF NO, THEN WHY?	DATE OF REPORT 02/02/09	PHOTOS TAKEN 1 YES 2 NO 2	IF YES BY WHOM? 1 INVESTIGATING AGENCY 2 OTHER	
INVESTIGATOR - RANK & SIGNATURE P.W. Rhodes	ID/BADGE NUMBER 3475/35	DEPARTMENT Port Orange Police Dept	FHP SO PD OTHER <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>				



INDICATE NORTH WITH ARROW



Brandy Hills Dr

Tumbler Dr

- ⊗ Point of impact
- ⊠ 2 - Vehicle 2 in motion
- ⊠ 1 - Vehicle 1 in motion
- ⊠ 3 - witness vehicle

Vehicles were moved prior to my arrival.

Not to Scale

Appendix B

Letter to Principal and Completed
Principal Questionnaire

**Lassiter Transportation Group, Inc.**
Engineering and Planning

Via Email (rtinge@volusia.k12.fl.us)

Ref: 3706.17

March 4, 2011

Principal Rick Inge
Silver Sands Middle School
1300 Herbert Street
Port Orange, FL 32129

Re: Volusia County Transportation Planning Organization (VCTPO) Bike and Pedestrian Safety Review

Dear Dr. Inge:

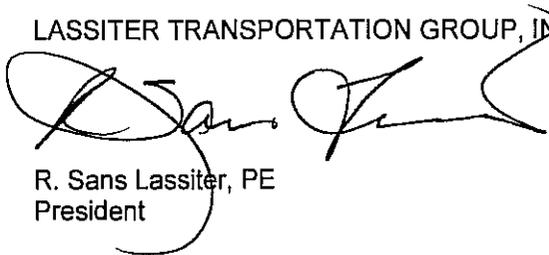
The VCTPO has been awarded a Florida Department of Transportation (FDOT) safety grant to study bicycle and pedestrian safety as it relates to schools, such as Silver Sands Middle, in the VCTPO planning area. Lassiter Transportation Group, Inc. has been retained to conduct these studies on the VCTPO's behalf.

We would like input from you to identify any bicycle and pedestrian safety-related issues or concerns that the school may be experiencing. Enclosed with this letter is a questionnaire form detailing the information that we are requesting. We would like to arrange a meeting with you, at your convenience, to discuss these items and will contact you in the near future to this end.

If you should have any questions or comments regarding this letter, please feel free to contact me at (386) 257-2571.

Sincerely,

LASSITER TRANSPORTATION GROUP, INC.



R. Sans Lassiter, PE
President

- c: Stephan C. Harris, Bicycle & Pedestrian Coordinator, VCTPO
Saralee Morrissey, AICP, Director of Site Acquisitions & Intergovernmental Coordinator, Volusia County Schools
Jon Cheney, PE, Volusia County Traffic Engineering
Lt. Bobby Lambert, Volusia County Sheriff's Office
Bill McCord, Transportation Planner, City of Port Orange
Joan Carter, M.A., Bicycle & Pedestrian Coordinator, FDOT D-5



PRINCIPAL
QUESTIONNAIRE

TO: Principal Rick Inge
Silver Sands Middle School
1300 Herbert Street
Port Orange, FL 32129

FROM: Stephan Harris
Volusia County Transportation Planning Organization (VCTPO)
2570 W. International Speedway Blvd, Suite 120
Daytona Beach, FL 32114-8145

RE: MEETING DATE (TBD)
SCHOOL WALK ZONE SAFETY ANALYSIS

The Volusia County Transportation Planning Organization (VCTPO) is conducting assessments aimed at improving the safety conditions for students who bicycle or walk to and from school. Silver Sands Middle School has been chosen as one of the schools to be studied during this study phase. The following questionnaire will aid us in this effort. Your participation is key to the success of this analysis and is greatly appreciated.

You will be meeting with our traffic engineering consultants who will be conducting this study, Lassiter Transportation Group. Each staff member responsible for conducting the on-site analysis has gone through the appropriate back-ground check. Should you have any questions, please do not hesitate to contact them directly. Mr. Sans Lassiter or Ms. Crystal Mercedes PH: (386) 257-2571 or by E-mail: rlassiter@lassitertransportation.com or cmercedes@lassitertransportation.com.

1. Number of students currently enrolled: 1305 at SSMS 85 at CLCE

Comments: Community Learning Center East is also on our campus on the east side

2. Number of students (or approximate percentage) who walk/bicycle to/from school: 400

Comments: The number varies greatly based on weather conditions, etc.

3. Are you aware of any facility (sidewalk, crosswalk, etc.) maintenance issues? If yes, please explain.

Yes our school zone lacks sufficient sidewalks to accommodate our students' needs, thus increasing greatly the number of parents who select to bring their child to school with a car.

Herbert from Silver Sands (East of US1 North Rd)

4. Are you aware of any parents who stop and/or park along the walk zone route to drop-off/pick-up their students to avoid the regular school pick-up lines? If yes, does this cause a safety issue with the students who walk/bicycle?

Yes at a number of locations surrounding our campus
↳ Softball fields (City rec.) along Herbert
↳ Mostly

Nora Rd - King would be appreciated



5. Are you aware of any safety hazards or issues along the school's walk zone?

Major roads ^{students} must cross without crossing guards, lack of sidewalk, increased traffic on surrounding streets.

6. Please list all known crash incidents within the walk zone. Did any of the crashes cause an issue for walkers/bikers? If yes, please explain.

I do not have the information, but would assume accidents do occur.

↳ Students hit in front of school
Incident on Willow Run - not reported by student

7. What is your biggest concern relative to the conditions faced by the students who walk/bicycle to/from school?

Student safety

↳ concern with their safety
↳ prefer walk in groups

8. What changes/improvements would you like to see relative to the conditions faced by the students who walk/bicycle to/from school?

Sufficient sidewalk being built, widening of road in front of school do include turn lanes
60' K/W w/ Nova Rd

COMMENTS:

Share SKO with ~~HS~~ Atlantic HS

Appendix C

2009 Florida Statute Excerpts

The 2009 Florida Statutes

[Title XLVIII](#)

K-20 EDUCATION CODE

[Chapter 1006](#)

SUPPORT FOR LEARNING

[View Entire Chapter](#)

(1) DEFINITION.--As used in this section, "student" means any public elementary school student whose grade level does not exceed grade 6.

(2) TRANSPORTATION; CORRECTION OF HAZARDS.--

(a) It is intended that district school boards and other governmental entities work cooperatively to identify conditions that are hazardous along student walking routes to school and that district school boards provide transportation to students who would be subjected to such conditions. It is further intended that state or local governmental entities having jurisdiction correct such hazardous conditions within a reasonable period of time.

(b) Upon a determination pursuant to this section that a condition is hazardous to students, the district school board shall request a determination from the state or local governmental entity having jurisdiction regarding whether the hazard will be corrected and, if so, regarding a projected completion date. State funds shall be allocated for the transportation of students subjected to such hazards, provided that such funding shall cease upon correction of the hazard or upon the projected completion date, whichever occurs first.

(3) IDENTIFICATION OF HAZARDOUS CONDITIONS.--When a request for review is made to the district school superintendent or the district school superintendent's designee concerning a condition perceived to be hazardous to students in that district who live within the 2-mile limit and who walk to school, such condition shall be inspected by a representative of the school district and a representative of the state or local governmental entity that has jurisdiction over the perceived hazardous location. The district school superintendent or his or her designee and the state or local governmental entity or its representative shall then make a final determination that is mutually agreed upon regarding whether the hazardous condition meets the state criteria pursuant to this section. The district school superintendent or his or her designee shall report this final determination to the department.

(4) STATE CRITERIA FOR DETERMINING HAZARDOUS WALKING CONDITIONS.--

(a) *Walkways parallel to the road.*--

1. It shall be considered a hazardous walking condition with respect to any road along which students must walk in order to walk to and from school if there is not an area at least 4 feet wide adjacent to the road, having a surface upon which students may walk without being required to walk on the road surface. In addition, whenever the road along which students must walk is uncurbed and has a posted speed limit of 55 miles per hour, the area as described above for students to walk upon shall be set off the road by no less than 3 feet from the edge of the road.

2. The provisions of subparagraph 1. do not apply when the road along which students must walk:

a. Is in a residential area which has little or no transient traffic;

- b. Is a road on which the volume of traffic is less than 180 vehicles per hour, per direction, during the time students walk to and from school; or
- c. Is located in a residential area and has a posted speed limit of 30 miles per hour or less.

(b) *Walkways perpendicular to the road.*--It shall be considered a hazardous walking condition with respect to any road across which students must walk in order to walk to and from school:

1. If the traffic volume on the road exceeds the rate of 360 vehicles per hour, per direction (including all lanes), during the time students walk to and from school and if the crossing site is uncontrolled. For purposes of this subsection, an "uncontrolled crossing site" is an intersection or other designated crossing site where no crossing guard, traffic enforcement officer, or stop sign or other traffic control signal is present during the times students walk to and from school.

2. If the total traffic volume on the road exceeds 4,000 vehicles per hour through an intersection or other crossing site controlled by a stop sign or other traffic control signal, unless crossing guards or other traffic enforcement officers are also present during the times students walk to and from school.

Traffic volume shall be determined by the most current traffic engineering study conducted by a state or local governmental agency.

History.--s. 297, ch. 2002-387.

Title XXIII

Chapter 316

[View Entire Chapter](#)

MOTOR VEHICLES STATE UNIFORM TRAFFIC CONTROL

316.75 School crossing guards.--The Department of Transportation shall adopt uniform guidelines for the training of school crossing guards. Each local governmental entity administering a school crossing guard program shall provide a training program for school crossing guards according to the uniform guidelines. Successful completion of the training program shall be required of each school guard except:

- (1) A person who received equivalent training during employment as a law enforcement officer.
- (2) A person who receives less than \$5,000 in annual compensation in a county with a population of less than 75,000.
- (3) A student who serves in a school patrol.

School crossing guard training programs may be made available to nonpublic schools upon contract.

History.--s. 2, ch. 92-194; s. 42, ch. 97-190.

Note.--Former s. 234.302.

Title XXIII

Chapter 316

[View Entire Chapter](#)

MOTOR VEHICLES STATE UNIFORM TRAFFIC CONTROL

316.2065 Bicycle regulations.--

(1) Every person propelling a vehicle by human power has all of the rights and all of the duties applicable to the driver of any other vehicle under this chapter, except as to special regulations in this chapter, and except as to provisions of this chapter which by their nature can have no application.

(2) A person operating a bicycle may not ride other than upon or astride a permanent and regular seat attached thereto.

(3)(a) A bicycle may not be used to carry more persons at one time than the number for which it is designed or equipped, except that an adult rider may carry a child securely attached to his or her person in a backpack or sling.

(b) Except as provided in paragraph (a), a bicycle rider must carry any passenger who is a child under 4 years of age, or who weighs 40 pounds or less, in a seat or carrier that is designed to carry a child of that age or size and that secures and protects the child from the moving parts of the bicycle.

(c) A bicycle rider may not allow a passenger to remain in a child seat or carrier on a bicycle when the rider is not in immediate control of the bicycle.

(d) A bicycle rider or passenger who is under 16 years of age must wear a bicycle helmet that is properly fitted and is fastened securely upon the passenger's head by a strap, and that meets the standards of the American National Standards Institute (ANSI Z 90.4 Bicycle Helmet Standards), the standards of the Snell Memorial Foundation (1984 Standard for Protective Headgear for Use in Bicycling), or any other nationally recognized standards for bicycle helmets adopted by the department. As used in this subsection, the term "passenger" includes a child who is riding in a trailer or semitrailer attached to a bicycle.

(e) Law enforcement officers and school crossing guards may issue a bicycle safety brochure and a verbal warning to a bicycle rider or passenger who violates this subsection. A bicycle rider or passenger who violates this subsection may be issued a citation by a law enforcement officer and assessed a fine for a pedestrian violation, as provided in s. 318.18. The court shall dismiss the charge against a bicycle rider or passenger for a first violation of paragraph (d) upon proof of purchase of a bicycle helmet that complies with this subsection.

(4) No person riding upon any bicycle, coaster, roller skates, sled, or toy vehicle may attach the same or himself or herself to any vehicle upon a roadway. This subsection does not prohibit attaching a bicycle trailer or bicycle semitrailer to a bicycle if that trailer or semitrailer is commercially available and has been designed for such attachment.

(5)(a) Any person operating a bicycle upon a roadway at less than the normal speed of traffic at the time and place and under the conditions then existing shall ride as close as practicable to the right-hand curb or edge of the roadway except under any of the following situations:

1. When overtaking and passing another bicycle or vehicle proceeding in the same direction.
2. When preparing for a left turn at an intersection or into a private road or driveway.

3. When reasonably necessary to avoid any condition, including, but not limited to, a fixed or moving object, parked or moving vehicle, bicycle, pedestrian, animal, surface hazard, or substandard-width lane, that makes it unsafe to continue along the right-hand curb or edge. For the purposes of this subsection, a "substandard-width lane" is a lane that is too narrow for a bicycle and another vehicle to travel safely side by side within the lane.

(b) Any person operating a bicycle upon a one-way highway with two or more marked traffic lanes may ride as near the left-hand curb or edge of such roadway as practicable.

(6) Persons riding bicycles upon a roadway may not ride more than two abreast except on paths or parts of roadways set aside for the exclusive use of bicycles. Persons riding two abreast may not impede traffic when traveling at less than the normal speed of traffic at the time and place and under the conditions then existing and shall ride within a single lane.

(7) Any person operating a bicycle shall keep at least one hand upon the handlebars.

(8) Every bicycle in use between sunset and sunrise shall be equipped with a lamp on the front exhibiting a white light visible from a distance of at least 500 feet to the front and a lamp and reflector on the rear each exhibiting a red light visible from a distance of 600 feet to the rear. A bicycle or its rider may be equipped with lights or reflectors in addition to those required by this section.

(9) No parent of any minor child and no guardian of any minor ward may authorize or knowingly permit any such minor child or ward to violate any of the provisions of this section.

(10) A person propelling a vehicle by human power upon and along a sidewalk, or across a roadway upon and along a crosswalk, has all the rights and duties applicable to a pedestrian under the same circumstances.

(11) A person propelling a bicycle upon and along a sidewalk, or across a roadway upon and along a crosswalk, shall yield the right-of-way to any pedestrian and shall give an audible signal before overtaking and passing such pedestrian.

(12) No person upon roller skates, or riding in or by means of any coaster, toy vehicle, or similar device, may go upon any roadway except while crossing a street on a crosswalk; and, when so crossing, such person shall be granted all rights and shall be subject to all of the duties applicable to pedestrians.

(13) This section shall not apply upon any street while set aside as a play street authorized herein or as designated by state, county, or municipal authority.

(14) Every bicycle shall be equipped with a brake or brakes which will enable its rider to stop the bicycle within 25 feet from a speed of 10 miles per hour on dry, level, clean pavement.

(15) A person engaged in the business of selling bicycles at retail shall not sell any bicycle unless the bicycle has an identifying number permanently stamped or cast on its frame.

(16)(a) A person may not knowingly rent or lease any bicycle to be ridden by a child who is under the age of 16 years unless:

1. The child possesses a bicycle helmet; or

2. The lessor provides a bicycle helmet for the child to wear.

(b) A violation of this subsection is a nonmoving violation, punishable as provided in s. 318.18.

(17) The court may waive, reduce, or suspend payment of any fine imposed under subsection (3) or subsection (16) and may impose any other conditions on the waiver, reduction, or suspension. If the court finds that a person does not have sufficient funds to pay the fine, the court may require the performance of a specified number of hours of community service or attendance at a safety seminar.

(18) Notwithstanding s. 318.21, all proceeds collected pursuant to s. 318.18 for violations under paragraphs (3)(e) and (16)(b) shall be deposited into the State Transportation Trust Fund.

(19) The failure of a person to wear a bicycle helmet or the failure of a parent or guardian to prevent a child from riding a bicycle without a bicycle helmet may not be considered evidence of negligence or contributory negligence.

(20) Except as otherwise provided in this section, a violation of this section is a noncriminal traffic infraction, punishable as a pedestrian violation as provided in chapter 318. A law enforcement officer may issue traffic citations for a violation of subsection (3) or subsection (16) only if the violation occurs on a bicycle path or road, as defined in s. 334.03. However, they may not issue citations to persons on private property, except any part thereof which is open to the use of the public for purposes of vehicular traffic.

History.--s. 1, ch. 71-135; s. 1, ch. 76-31; s. 2, ch. 76-286; s. 1, ch. 78-353; s. 8, ch. 83-68; s. 5, ch. 85-309; s. 1, ch. 86-23; s. 7, ch. 87-161; s. 21, ch. 94-306; s. 899, ch. 95-148; s. 1, ch. 96-185; s. 2, ch. 97-300; s. 161, ch. 99-248.

Note.--Former s. 316.111.

Appendix D

Americans with Disabilities Accessibility
Guidelines Excerpts

4.7 Curb Ramps.

4.7.1 Location. Curb ramps complying with 4.7 shall be provided wherever an accessible route crosses a curb.

4.7.2 Slope. Slopes of curb ramps shall comply with [4.8.2](#). The slope shall be measured as shown in [Fig. 11](#). Transitions from ramps to walks, gutters, or streets shall be flush and free of abrupt changes. Maximum slopes of adjoining gutters, road surface immediately adjacent to the curb ramp, or accessible route shall not exceed 1:20.

4.7.3 Width. The minimum width of a curb ramp shall be 36 in (915 mm), exclusive of flared sides.

4.7.4 Surface. Surfaces of curb ramps shall comply with [4.5](#).

4.7.5 Sides of Curb Ramps. If a curb ramp is located where pedestrians must walk across the ramp, or where it is not protected by handrails or guardrails, it shall have flared sides; the maximum slope of the flare shall be 1:10 (see [Fig. 12\(a\)](#)). Curb ramps with returned curbs may be used where pedestrians would not normally walk across the ramp (see [Fig. 12\(b\)](#)).

4.7.6 Built-up Curb Ramps. Built-up curb ramps shall be located so that they do not project into vehicular traffic lanes (see [Fig. 13](#)).

4.7.7 Detectable Warnings. A curb ramp shall have a detectable warning complying with [4.29.2](#). The detectable warning shall extend the full width and depth of the curb ramp.

4.7.8 Obstructions. Curb ramps shall be located or protected to prevent their obstruction by parked vehicles.

4.7.9 Location at Marked Crossings. Curb ramps at marked crossings shall be wholly contained within the markings, excluding any flared sides (see [Fig. 15](#)).

4.7.10 Diagonal Curb Ramps. If diagonal (or corner type) curb ramps have returned curbs or other well-defined edges, such edges shall be parallel to the direction of pedestrian flow. The bottom of diagonal curb ramps shall have 48 in (1220 mm) minimum clear space as shown in [Fig. 15\(c\)](#) and [\(d\)](#). If diagonal curb ramps are provided at marked crossings, the 48 in (1220 mm) clear space shall be within the markings (see [Fig. 15\(c\)](#) and [\(d\)](#)). If diagonal curb ramps have flared sides, they shall also have at least a 24 in (610 mm) long segment of straight curb located on each side of the curb ramp and within the marked crossing (see [Fig. 15\(c\)](#)).

4.7.11 Islands. Any raised islands in crossings shall be cut through level with the street or have curb ramps at both sides and a level area at least 48 in (1220 mm) long between the curb ramps in the part of the island intersected by the crossings (see [Fig. 15\(a\)](#) and [\(b\)](#)).

4.8 Ramps.

4.8.1* General. Any part of an accessible route with a slope greater than 1:20 shall be considered a ramp and shall comply with 4.8. [Appendix Note](#)

4.8.2* Slope and Rise. The least possible slope shall be used for any ramp. The maximum slope of a ramp in new construction shall be 1:12. The maximum rise for any run shall be 30 in (760 mm) (see [Fig. 16](#)). Curb ramps and ramps to be constructed on existing sites or in existing buildings or facilities may have slopes and rises as allowed in [4.1.6\(3\)\(a\)](#) if space limitations prohibit the use of a 1:12 slope or less. [Appendix Note](#)

4.8.3 Clear Width. The minimum clear width of a ramp shall be 36 in (915 mm).

4.8.4* Landings. Ramps shall have level landings at bottom and top of each ramp and each ramp run. Landings shall have the following features:

- (1) The landing shall be at least as wide as the ramp run leading to it.
- (2) The landing length shall be a minimum of 60 in (1525 mm) clear.
- (3) If ramps change direction at landings, the minimum landing size shall be 60 in by 60 in (1525 mm by 1525 mm).
- (4) If a doorway is located at a landing, then the area in front of the doorway shall comply with [4.13.6](#). [Appendix Note](#)

4.8.5* Handrails. If a ramp run has a rise greater than 6 in (150 mm) or a horizontal projection greater than 72 in (1830 mm), then it shall have handrails on both sides. Handrails are not required on curb ramps or adjacent to seating in assembly areas. Handrails shall comply with [4.26](#) and shall have the following features:

- (1) Handrails shall be provided along both sides of ramp segments. The inside handrail on switchback or dogleg ramps shall always be continuous.
- (2) If handrails are not continuous, they shall extend at least 12 in (305 mm) beyond the top and bottom of the ramp segment and shall be parallel with the floor or ground surface (see [Fig. 17](#)).
- (3) The clear space between the handrail and the wall shall be 1 - 1/2 in (38 mm).
- (4) Gripping surfaces shall be continuous.
- (5) Top of handrail gripping surfaces shall be mounted between 34 in and 38 in (865 mm and 965 mm) above ramp surfaces.
- (6) Ends of handrails shall be either rounded or returned smoothly to floor, wall, or post.

(7) Handrails shall not rotate within their fittings. [Appendix Note](#)

4.8.6 Cross Slope and Surfaces. The cross slope of ramp surfaces shall be no greater than 1:50. Ramp surfaces shall comply with [4.5](#).