



GMB ENGINEERS & PLANNERS, INC.

To: Shad M. Smith, P.E.
 Seminole County Public Works Department

From: Jorge Tolosa, P.E.,
 GMB Engineers & Planners, Inc.

Date: September 12, 2012

Subject: **SR 46 Design Traffic Analysis – Revised Crash Data Analysis**

GMB Engineers & Planners, Inc. (GMB) has been retained by Seminole County, as a sub-consultant to URS, to perform the Design Traffic Analysis to determine the impacts and assess the need for future capacity improvements on SR 46 from SR 415/Lake Mary Boulevard and CR 426/1st Street.

The purpose of this letter is to provide a summary of the revised crash data analysis for the roadway segment of SR 46 between just east of SR 415 and CR 426. Crash data records were reviewed from January 1, 2006 until May 31, 2012. Information relating to the crash occurrences within the study area was provided by Seminole County and is summarized in **Attachment A**. The crash data was analyzed using the procedures outlined in the **FDOT Topic Number 500-000-100-C, Section 1 pages 21 to 24**.

The following table shows a summary of the total number of collisions, fatalities, injuries, and property damages that occurred at the intersections along the SR 46 corridor. As seen in this table, between January 1, 2006 and May 31, 2012, 167 crashes occurred along the SR 46 corridor resulting in 90 injuries, six (6) fatalities and property damage estimated at \$1,094,215.

Crash Data Summary

Roadway / Segment	Total Crashes ⁽¹⁾	Fatalities	Injuries	Property Damages (\$)
SR 46				
From E. of SR 415 to CR 426	167	6	90	\$1,094,215

Notes:

- 1) The total crashes include all crashes that occurred within 500 feet of the intersections.
- 2) The crashes that occurred at the north, south, and west legs of the SR 46 and SR 415 intersection were not accounted for in the revised analysis.

GMB Orlando
 2602 E. Livingston St.
 Orlando, FL 32803
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One hundred and sixty seven (167) crashes occurred between January 1, 2006 and May 31, 2012 along the roadway segment of SR 46 from SR 415 to CR 426 resulting in an average of 26 crashes per year. The crash rate for SR 46 from SR 415 to CR 426 was 1.006 crashes per million vehicle miles (C/MVM) traveled.

The crash rate in C/MVM for SR 46 from SR 415 to CR 426 is calculated as follows:

$$\begin{aligned}\text{Crash rate} &= (N*1,000,000)/(365*Y*AADT*L) \\ &= (167*1,000,000)/(365*6.416*9,596*7.387) \\ &= \mathbf{1.006\ C/MVM}\end{aligned}$$

Where *N = number of crashes*
 Y = number of years
 AADT = Annual Average Daily Traffic
 L = Length of the segment in miles

It should be noted that the statewide average crash rate for similar facilities (rural 2 lane undivided roadway segments) is 0.525 C/MVM. Therefore, the crash rate for the SR 46 roadway segments is higher (almost double) than the statewide average crash rate for similar facilities.

Should you have any questions on the above, please feel free to contact me at (407) 898-5424 at extension 208.

Cc: Jane Everett, P.E., URS Corporation
Chris Rizzolo, P.E., URS Corporation





GMB ENGINEERS & PLANNERS, INC.

Attachment A

Crash Data Summary

GMB Orlando

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CRASH SUMMARY

MAJOR ROUTE:

SR 46

SEGMENT:

East of SR 415 to CR 426

COUNTY:

SEMINOLE

STUDY PERIOD:

01-Jan-06

TO

31-May-12

ENGINEER:

JT

CRASH REF. NO.	DATE	DAY	TIME	CRASH TYPE	FATAL	INJURY	PROPERTY DAMAGE	DAY/NIGHT	WET DRY	CONTRIBUTING CAUSE
1	01/03/06	Tuesday	6:50 AM	REAR END	0	0	\$5,500	NIGHT	WET	CARELESS DRIVING
2	01/19/06	Thursday	6:18 PM	LEFT-TURN	0	1	\$9,000	NIGHT	DRY	FAILED TO YEILD RIGHT OF WAY
3	01/25/06	Wednesday	3:15 PM	ANGLE	0	0	\$600	DAY	DRY	IMPROPER TURN
4	02/08/06	Wednesday	5:00 PM	REAR END	0	0	\$0	DAY	DRY	CARELESS DRIVING
5	02/13/06	Monday	3:45 PM	REAR END	0	0	\$2,000	DAY	DRY	CARELESS DRIVING
6	02/17/06	Friday	10:00 PM	REAR END	0	1	\$2,000	NIGHT	DRY	DUI
7	03/29/06	Wednesday	4:27 PM	REAR END	0	1	\$6,500	DAY	DRY	CARELESS DRIVING
8	04/19/06	Wednesday	12:57 PM	REAR END	0	0	\$1,500	DAY	DRY	CARELESS DRIVING
9	04/22/06	Saturday	5:17 PM	REAR END	0	0	\$3,000	DAY	DRY	CARELESS DRIVING
10	04/23/06	Sunday	1:20 AM	RAN OFF ROAD	0	4	\$10,000	NIGHT	DRY	EXCEEDED STATED SPEED LIMIT
11	05/21/06	Sunday	10:00 PM	SIDESWIPE	0	0	\$3,500	NIGHT	DRY	CARELESS DRIVING
12	05/27/06	Saturday	10:00 AM	ANGLE	0	0	\$4,000	DAY	DRY	DISREGARDED TRAFFIC SIGNAL
13	05/27/06	Saturday	12:15 PM	REAR END	0	0	\$5,500	DAY	DRY	CARELESS DRIVING
14	07/26/06	Wednesday	8:58 PM	LEFT-TURN	0	3	\$13,500	NIGHT	WET	FAILED TO YEILD RIGHT OF WAY
15	08/21/06	Monday	3:14 PM	COLLISON WITH MOVEABLE OBJECT ON ROAD	0	0	\$500	DAY	DRY	NO IMPROPER DRIVING
16	09/14/06	Thursday	5:00 PM	COLLISON WITH WITH MOVABLE OBJ ON ROAD	0	0	\$700	DAY	DRY	CARELESS DRIVING
17	09/21/06	Thursday	4:29 PM	REAR END	0	0	\$4,200	DAY	DRY	CARELESS DRIVING
18	10/07/06	Saturday	6:38 PM	ANGLE	1	3	\$7,000	DAY	DRY	FAILED TO YEILD RIGHT OF WAY
19	10/12/06	Thursday	9:12 PM	COLLISON WITH ANIMAL	0	0	\$2,000	NIGHT	DRY	NO IMPROPER DRIVING
20	10/31/06	Tuesday	6:50 AM	ANGLE	0	0	\$2,000	DAY	DRY	FAILED TO YEILD RIGHT OF WAY
21	11/15/06	Wednesday	9:45 AM	ANGLE	0	0	\$4,900	DAY	DRY	FAILED TO YEILD RIGHT OF WAY
22	11/22/06	Wednesday	8:35 PM	REAR END	0	0	\$4,500	NIGHT	DRY	CARELESS DRIVING
23	11/30/06	Thursday	6:14 AM	RAN OFF ROAD	0	0	\$5,000	NIGHT	WET	CARELESS DRIVING

CRASH SUMMARY

MAJOR ROUTE:

SR 46

SEGMENT:

East of SR 415 to CR 426

COUNTY:

SEMINOLE

STUDY PERIOD:

01-Jan-06

TO

31-May-12

ENGINEER:

JT

CRASH REF. NO.	DATE	DAY	TIME	CRASH TYPE	FATAL	INJURY	PROPERTY DAMAGE	DAY/ NIGHT	WET DRY	CONTRIBUTING CAUSE
24	12/06/06	Wednesday	12:00 PM	REAR END	0	0	\$0	DAY	DRY	CARELESS DRIVING
25	03/11/07	Sunday	9:00 AM	REAR END	0	0	\$1,500	DAY	DRY	CARELESS DRIVING
26	03/12/07	Monday	10:29 PM	LEFT-TURN	0	0	\$5,340	NIGHT	DRY	FAILED TO YEILD RIGHT OF WAY
27	03/15/07	Thursday	9:35 AM	SIDESWIPE	0	0	\$2,500	DAY	DRY	CARELESS DRIVING
28	04/05/07	Thursday	7:30 AM	ANGLE	0	2	\$11,500	DAY	DRY	FAILED TO YEILD RIGHT OF WAY
29	04/20/07	Friday	6:19 PM	ALL OTHER	0	0	\$3,500	DAY	DRY	ALL OTHER
30	05/06/07	Sunday	9:20 PM	SIDESWIPE	0	0	\$1,800	NIGHT	WET	DROVE LEFT OG CENTER
31	05/15/07	Tuesday	12:15 AM	RAN OFF ROAD	0	1	\$15,000	NIGHT	DRY	CARELESS DRIVING
32	05/17/07	Thursday	2:30 PM	CARGO LOSS OR SHIFT	0	0	\$1,500	DAY	DRY	ALL OTHER
33	05/28/07	Monday	8:15 PM	MV RAN IN TO DITCH	0	1	\$14,000	NIGHT	DRY	NO IMPROPOER DRIVING / ACTION
34	06/01/07	Friday	9:31 PM	REAR END	0	0	\$5,500	NIGHT	WET	CARELESS DRIVING
35	06/09/07	Saturday	9:00 AM	REAR END	0	2	\$6,000	DAY	DRY	CARELESS DRIVING
36	06/17/07	Sunday	9:00 PM	SIDESWIPE	0	0	\$4,500	NIGHT	DRY	FAILED TO YEILD RIGHT OF WAY
37	07/27/07	Friday	7:11 PM	SIDESWIPE	0	0	\$1,500	DAY	DRY	IMPROPER LANE CHANGE
38	08/01/07	Wednesday	9:03 PM	RAN OFF ROAD	0	3	\$4,000	NIGHT	WET	NO IMPROPER DRIVING
39	08/21/07	Tuesday	5:00 PM	REAR END	0	0	\$0	DAY	DRY	CARELESS DRIVING
40	10/09/07	Tuesday	6:30 AM	SIDESWIPE	0	0	\$2,500	NIGHT	DRY	IMPROPOER PASSING
41	10/16/07	Tuesday	4:14 PM	RAN OFF ROAD	0	0	\$500	DAY	DRY	CARELESS DRIVING
42	10/16/07	Tuesday	9:00 AM	SIDESWIPE	0	0	\$0	DAY	DRY	FAILED TO YEILD RIGHT OF WAY
43	11/17/07	Saturday	10:11 AM	MV HIT TREE	0	0	\$3,000	DAY	DRY	CARELESS DRIVING
44	11/23/07	Friday	5:05 PM	SIDESWIPE	0	1	\$5,000	DAY	DRY	IMPROPER PASSING
45	11/26/07	Monday	7:10 AM	ANGLE	0	0	\$0	DAY	DRY	CARELESS DRIVING
46	11/26/07	Monday	6:05 PM	RAN OFF ROAD	0	1	\$3,000	NIGHT	DRY	CARELESS DRIVING
47	12/18/07	Tuesday	1:39 AM	HEAD ON	0	2	\$23,000	NIGHT	DRY	DROVE LEFT OF CENTER

CRASH SUMMARY

MAJOR ROUTE:

SR 46

SEGMENT:

East of SR 415 to CR 426

COUNTY:

SEMINOLE

STUDY PERIOD:

01-Jan-06

TO

31-May-12

ENGINEER:

JT

CRASH REF. NO.	DATE	DAY	TIME	CRASH TYPE	FATAL	INJURY	PROPERTY DAMAGE	DAY/NIGHT	WET DRY	CONTRIBUTING CAUSE
48	12/29/07	Saturday	11:36 AM	REAR END	0	1	\$17,000	DAY	DRY	CARELESS DRIVING
49	01/03/08	Thursday	2:14 PM	REAR END	0	0	\$4,500	DAY	DRY	CARELESS DRIVING
50	01/06/08	Sunday	2:25 PM	REAR END	0	0	\$3,500	DAY	DRY	CARELESS DRIVING
51	02/06/08	Wednesday	11:30 PM	RAN OFF ROAD	0	0	\$5,500	NIGHT	DRY	CARELESS DRIVING
52	02/09/08	Saturday	9:02 AM	COLLISON WITH PARKED CAR	0	0	\$3,500	DAY	DRY	CARELESS DRIVING
53	02/25/08	Monday	7:55 PM	SIDESWIPE	0	0	\$2,000	NIGHT	DRY	DROVE LEFT OF CENTER
54	03/08/08	Saturday	4:40 PM	RIGHT TURN	0	0	\$3,000	NIGHT	DRY	CARELESS DRIVING
55	03/17/08	Monday	9:15 PM	RAN OFF ROAD	0	0	\$1,800	NIGHT	DRY	ALL OTHER
56	03/17/08	Monday	9:20 PM	REAR END	0	0	\$5,500	NIGHT	DRY	ALL OTHER
57	03/31/08	Monday	1:00 PM	REAR END	0	0	\$500	DAY	WET	CARELESS DRIVING
58	03/31/08	Monday	5:55 PM	CARGO LOSS OR SHIFT	0	0	\$1,925	DAY	DRY	IMPROPER LOAD
59	04/14/08	Monday	6:15 AM	RIGHT TURN	0	0	\$0	NIGHT	DRY	FAILED TO YEILD RIGHT OF WAY
60	04/14/08	Monday	6:30 PM	REAR END	0	0	\$3,000	DAY	DRY	FOLLOWED TOO CLOSELY
61	04/18/08	Friday	7:20 PM	ALL OTHER	0	0	\$5,000	DAY	DRY	IMPROPER LANE CHANGE
62	04/21/08	Monday	10:01 AM	REAR END	0	1	\$31,000	DAY	DRY	CARELESS DRIVING
63	04/27/08	Sunday	7:45 PM	BACKED INTO	0	0	\$3,500	NIGHT	DRY	IMPROPER BACKING
64	05/13/08	Tuesday	6:45 PM	REAR END	0	1	\$6,500	DAY	DRY	CARELESS DRIVING
65	05/16/08	Friday	4:30 PM	MV HIT TREE	0	1	\$80,000	DAY	DRY	ALL OTHER
66	05/17/08	Saturday	11:54 PM	ALL OTHER	0	0	\$15,000	NIGHT	DRY	CARELESS DRIVING
67	05/22/08	Thursday	7:45 AM	SIDESWIPE	0	0	\$1,500	DAY	DRY	IMPROPER PASSING
68	05/30/08	Friday	3:00 PM	REAR END	0	0	\$2,200	DAY	DRY	FOLLOWED TOO CLOSELY
69	06/09/08	Monday	7:15 AM	ALL OTHER	0	0	\$600	DAY	DRY	CARELESS DRIVING
70	06/19/08	Thursday	5:50 PM	RAN OFF ROAD	0	0	\$5,000	DAY	DRY	DUI
71	07/19/08	Saturday	5:35 PM	LEFT TURN	0	0	\$7,000	NIGHT	DRY	FAILED TO YEILD RIGHT OF WAY

CRASH SUMMARY

MAJOR ROUTE: SR 46
SEGMENT: East of SR 415 to CR 426
COUNTY: SEMINOLE
STUDY PERIOD: 01-Jan-06 TO 31-May-12
ENGINEER: JT

CRASH REF. NO.	DATE	DAY	TIME	CRASH TYPE	FATAL	INJURY	PROPERTY DAMAGE	DAY/ NIGHT	WET DRY	CONTRIBUTING CAUSE
72	07/21/08	Monday	5:03 PM	SIDESWIPE	0	6	\$7,150	DAY	DRY	CARELESS DRIVING
73	07/28/08	Monday	4:18 PM	REAR END	0	0	\$6,000	DAY	DRY	CARELESS DRIVING
74	09/05/08	Friday	9:47 PM	REAR END	0	0	\$600	NIGHT	DRY	CARELESS DRIVING
75	09/11/08	Thursday	1:50 PM	RAN OFF ROAD	0	0	\$200	DAY	DRY	CARELESS DRIVING
76	09/28/08	Sunday	4:05 PM	RAN OFF ROAD	0	1	\$5,800	DAY	DRY	NO IMPROPER DRIVING
77	11/11/08	Tuesday	4:00 AM	RAN OFF ROAD	0	0	\$20,500	NIGHT	DRY	CARELESS DRIVING
78	01/09/09	Friday	11:51 AM	REAR END	0	0	\$13,000	DAY	DRY	CARELESS DRIVING
79	01/12/09	Monday	9:30 AM	REAR END	0	2	\$8,000	DAY	DRY	NA
80	01/16/09	Friday	6:00 PM	ANGLE	0	0	\$2,400	NIGHT	DRY	IMPROPER TURN
81	01/18/09	Sunday	3:30 PM	OTHER	0	1	\$500	DAY	DRY	CARELESS DRIVING
82	01/20/09	Tuesday	8:00 AM	RIGHT TURN	0	0	\$50	DAY	DRY	IMPROPER TURN
83	01/25/09	Sunday	10:42 PM	RAN OFF ROAD	0	0	\$5,000	NIGHT	DRY	CARELESS DRIVING
84	02/24/09	Tuesday	2:30 PM	REAR END	0	1	\$500	DAY	DRY	FOLLOWED TOO CLOSELY
85	03/14/09	Saturday	2:25 AM	REAR END	0	0	\$20,000	NIGHT	DRY	DUI
86	03/18/09	Wednesday	4:43 PM	REAR END	0	0	\$10,000	DAY	DRY	CARELESS DRIVING
87	03/25/09	Wednesday	3:10 PM	SIDESWIPE	0	0	\$22,000	DAY	DRY	DROVE LEFT OF CENTER
88	04/11/09	Saturday	2:00 AM	OVERTURNED	0	0	\$4,150	NIGHT	DRY	CARELESS DRIVING
89	05/07/09	Thursday	8:30 AM	REAR END	0	0	\$3,500	DAY	DRY	CARELESS DRIVING
90	07/06/09	Monday	4:46 PM	REAR END	0	4	\$13,000	DAY	DRY	ALL OTHER
91	07/15/09	Wednesday	7:17 PM	REAR END	0	0	\$1,000	NIGHT	WET	CARELESS DRIVING
92	09/11/09	Friday	8:04 AM	REAR END	0	0	\$5,500	DAY	DRY	CARELESS DRIVING
93	09/11/09	Friday	4:36 PM	REAR END	0	5	\$40,000	DAY	DRY	CARELESS DRIVING
94	09/18/09	Friday	11:24 AM	REAR END	0	1	\$4,200	DAY	DRY	CARELESS DRIVING
95	09/19/09	Saturday	9:20 PM	SIDESWIPE	1	3	\$16,000	NIGHT	DRY	DROVE LEFT OF CENTER

CRASH SUMMARY

MAJOR ROUTE:

SR 46

SEGMENT:

East of SR 415 to CR 426

COUNTY:

SEMINOLE

STUDY PERIOD:

01-Jan-06

TO

31-May-12

ENGINEER:

JT

CRASH REF. NO.	DATE	DAY	TIME	CRASH TYPE	FATAL	INJURY	PROPERTY DAMAGE	DAY/ NIGHT	WET DRY	CONTRIBUTING CAUSE
96	10/09/09	Friday	2:58 PM	REAR END	0	0	\$3,000	DAY	DRY	CARELESS DRIVING
97	11/05/09	Thursday	4:00 PM	REAR END	0	0	\$0	DAY	DRY	CARELESS DRIVING
98	11/10/09	Tuesday	7:35 AM	REAR END	0	2	\$17,100	DAY	DRY	CARELESS DRIVING
99	11/21/09	Saturday	10:22 AM	REAR END	0	0	\$5,000	DAY	DRY	CARELESS DRIVING
100	11/27/09	Friday	10:49 PM	COLLISION WITH ANIMAL	0	0	\$2,000	NIGHT	DRY	NO IMPROPER DRIVING
101	12/09/09	Wednesday	3:00 PM	HEAD ON	0	5	\$6,500	DAY	DRY	FAILED TO YEILD RIGHT OF WAY
102	01/02/10	Saturday	4:33 PM	REAR END	0	0	\$5,000	DAY	DRY	CARELESS DRIVING
103	01/13/10	Wednesday	7:10 AM	OVERTURNED	0	1	\$5,000	NIGHT	DRY	CARELESS DRIVING
104	01/22/10	Friday	1:42 PM	REAR END	0	0	\$500	DAY	DRY	CARELESS DRIVING
105	02/06/10	Saturday	8:00 PM	SIDESWIPE	0	2	\$12,000	NIGHT	DRY	DROVE LEFT OF CENTER
106	02/06/10	Saturday	8:08 PM	COLLISION WITH MOVEABLE OBJECT ON ROAD	0	1	\$1,000	NIGHT	DRY	NO IMPROPER DRIVING/ACTION
107	02/09/10	Tuesday	3:19 PM	REAR END	0	0	\$6,500	DAY	WET	CARELESS DRIVING
108	02/26/10	Friday	1:52 AM	REAR END	0	1	\$25,000	NIGHT	DRY	CARELESS DRIVING
109	03/06/10	Saturday	8:39 PM	OVERTURNED	0	1	\$9,000	NIGHT	DRY	CARELESS DRIVING
110	03/07/10	Sunday	11:08 AM	OVERTURNED	1	0	\$5,000	DAY	DRY	CARELESS DRIVING
111	03/09/10	Tuesday	9:36 AM	REAR END	0	0	\$10,000	DAY	DRY	CARELESS DRIVING
112	03/15/10	Monday	11:56 AM	REAR END	0	0	\$2,300	DAY	DRY	CARELESS DRIVING
113	05/12/10	Wednesday	4:25 PM	RAN OFF ROAD	0	1	\$5,000	DAY	DRY	CARELESS DRIVING
114	05/21/10	Friday	5:15 AM	MV HIT TREE	0	1	\$2,000	NIGHT	DRY	CARELESS DRIVING
115	07/09/10	Friday	4:00 PM	REAR END	0	0	NA	DAY	DRY	CARELESS DRIVING
116	07/20/10	Tuesday	2:40 PM	COLLISON WITH FIXED OBJECT ABOVE ROAD	0	0	\$500	DAY	DRY	CARELESS DRIVING
117	07/23/10	Friday	12:45 PM	REAR END	0	0	\$6,000	DAY	DRY	CARELESS DRIVING
118	08/21/10	Saturday	6:41 PM	REAR END	0	0	\$18,000	DAY	WET	CARELESS DRIVING

CRASH SUMMARY

MAJOR ROUTE:

SR 46

SEGMENT:

East of SR 415 to CR 426

COUNTY:

SEMINOLE

STUDY PERIOD:

01-Jan-06

TO

31-May-12

ENGINEER:

JT

CRASH REF. NO.	DATE	DAY	TIME	CRASH TYPE	FATAL	INJURY	PROPERTY DAMAGE	DAY/NIGHT	WET DRY	CONTRIBUTING CAUSE
119	08/25/10	Wednesday	7:17 PM	SIDESWIPE	0	0	\$5,500	DAY	DRY	IMPROPER LANE CHANGE
120	08/29/10	Sunday	11:37 PM	REAR END	0	0	\$50	NIGHT	DRY	CARELESS DRIVING
121	09/24/10	Friday	6:35 AM	RAN OFF ROAD	0	0	\$15,000	NIGHT	WET	CARELESS DRIVING
122	10/17/10	Sunday	1:20 PM	SIDESWIPE	0	0	\$5,000	DAY	DRY	IMPROPER LANE CHANGE
123	10/30/10	Saturday	3:18 AM	RAN OFF ROAD	0	2	\$35,000	NIGHT	DRY	CARELESS DRIVING
124	11/08/10	Monday	2:40 AM	RAN OFF ROAD	0	0	\$10,200	NIGHT	DRY	CARELESS DRIVING
125	11/08/10	Monday	8:40 PM	ANGLE	0	0	\$3,000	NIGHT	DRY	CARELESS DRIVING
126	11/12/10	Friday	6:20 AM	SIDESWIPE	0	2	\$13,500	NIGHT	DRY	CARELESS DRIVING
127	11/20/10	Saturday	4:21 AM	RAN OFF ROAD	0	0	\$2,000	NIGHT	DRY	NO IMPROPER DRIVING
128	12/07/10	Tuesday	9:40 AM	REAR END	0	0	\$9,000	DAY	DRY	CARELESS DRIVING
129	12/10/10	Friday	3:39 PM	REAR END	0	1	\$2,800	DAY	DRY	CARELESS DRIVING
130	12/12/10	Sunday	12:17 AM	REAR END	0	0	\$1,500	NIGHT	DRY	CARELESS DRIVING
131	12/24/10	Friday	6:09 PM	ALL OTHER	0	0	\$3,250	NIGHT	DRY	CARELESS DRIVING
132	01/05/11	Wednesday	2:25 PM	REAR END	0	0	\$15,000	DAY	DRY	CARELESS DRIVING
133	01/08/11	Saturday	10:45 PM	REAR END	0	0	\$1,000	NIGHT	DRY	CARELESS DRIVING
134	01/28/11	Friday	3:10 PM	REAR END	0	0	\$7,000	DAY	DRY	CARELESS DRIVING
135	02/18/11	Friday	10:30 AM	OTHER	0	0	\$6,000	DAY	DRY	CARELESS DRIVING
136	02/18/11	Friday	5:00 PM	NONE	0	0	\$2,200	DAY	DRY	ALL OTHER
137	02/24/11	Thursday	10:17 AM	REAR END	0	0	\$1,600	DAY	DRY	CARELESS DRIVING
138	03/03/11	Thursday	6:19 PM	LEFT TURN	0	0	\$8,000	NIGHT	DRY	FAILED TO YIELD RIGHT OF WAY
139	03/05/11	Saturday	7:12 PM	REAR END	2	1	\$20,200	NIGHT	DRY	CARELESS DRIVING
140	03/13/11	Sunday	3:15 PM	RAN OFF ROAD	0	0	\$5,300	DAY	DRY	CARELESS DRIVING
141	03/28/11	Monday	7:07 PM	RAN OFF ROAD	0	2	\$10,000	NIGHT	WET	CARELESS DRIVING
142	03/29/11	Tuesday	6:10 PM	ALL OTHER	0	0	\$0	DAY	DRY	COLLISION WITH AN ANIMAL

CRASH SUMMARY

MAJOR ROUTE:

SR 46

SEGMENT:

East of SR 415 to CR 426

COUNTY:

SEMINOLE

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TO

31-May-12

ENGINEER:

JT

CRASH REF. NO.	DATE	DAY	TIME	CRASH TYPE	FATAL	INJURY	PROPERTY DAMAGE	DAY/ NIGHT	WET DRY	CONTRIBUTING CAUSE
143	04/01/11	Friday	6:40 PM	RAN OFF ROAD	0	0	\$2,000	DAY	DRY	ALL OTHER
144	04/06/11	Wednesday	7:57 AM	REAR END	0	0	\$900	DAY	DRY	CARELESS DRIVING
145	04/12/11	Tuesday	10:54 AM	BACKED INTO	0	0	\$2,500	DAY	DRY	IMPROPER BACKING
146	04/20/11	Wednesday	5:20 PM	REAR END	0	0	\$6,500	DAY	DRY	IMPROPER PASSING
147	05/17/11	Tuesday	8:20 AM	REAR END	0	0	\$800	DAY	DRY	CARELESS DRIVING
148	06/03/11	Friday	5:10 PM	ANGLE	0	0	\$12,500	DAY	DRY	FAILED TO YIELD RIGHT OF WAY
149	07/24/11	Sunday	2:40 AM	OVERTURNED	0	0	\$3,000	NIGHT	DRY	CARELESS DRIVING
150	08/04/11	Thursday	6:28 PM	ANGLE	0	2	\$13,000	DAY	DRY	IMPROPER TURN
151	08/10/11	Wednesday	1:31 AM	DITCH	0	0	\$0	NIGHT	DRY	OTHER
152	09/23/11	Friday	5:48 PM	REAR END	0	0	\$9,000	DAY	DRY	FOLLOWED TOO CLOSELY
153	10/02/11	Sunday	1:42 PM	REAR END	0	0	\$1,700	DAY	DRY	CARELESS DRIVING
154	10/04/11	Tuesday	6:29 PM	REAR END	0	1	\$15,000	DAY	DRY	CARELESS DRIVING
155	10/23/11	Sunday	2:05 PM	REAR END	0	1	\$4,700	DAY	DRY	CARELESS DRIVING
156	11/11/11	Friday	5:35 PM	RAN OFF ROAD	0	1	\$6,000	NIGHT	DRY	CARELESS DRIVING
157	12/05/11	Monday	8:35 PM	SIDESWIPE	0	0	\$2,000	NIGHT	DRY	CARELESS DRIVING
158	12/20/11	Tuesday	2:41 PM	SIDESWIPE	0	0	\$3,500	DAY	DRY	CARELESS DRIVING
159	12/21/11	Wednesday	5:48 PM	RIGHT TURN	0	0	\$0	DAY	DRY	CARELESS DRIVING
160	12/23/11	Friday	6:05 PM	REAR END	0	0	\$0	NIGHT	DRY	CARELESS DRIVING
161	01/20/12	Friday	6:03 PM	RIGHT TURN	0	0	\$0	DAY	DRY	CARELESS DRIVING
162	01/20/12	Friday	2:03 PM	LEFT TURN	0	1	\$14,500	DAY	DRY	IMPROPER TURN
163	02/06/12	Monday	3:55 PM	REAR END	0	2	\$15,000	DAY	WET	CARELESS DRIVING
164	02/11/12	Saturday	12:40 AM	TREE	1	0	\$8,000	NIGHT	WET	CARELESS DRIVING
165	02/21/12	Tuesday	4:19 PM	SIDESWIPE	0	5	\$1,500	DAY	DRY	CARELESS DRIVING
166	04/08/12	Sunday	7:57 PM	OVERTURNED	0	0	\$3,000	NIGHT	DRY	DROVE LEFT OF CENTER

CRASH SUMMARY

MAJOR ROUTE: SR 46
SEGMENT: East of SR 415 to CR 426
COUNTY: SEMINOLE
STUDY PERIOD: 01-Jan-06 TO 31-May-12
ENGINEER: JT

CRASH REF. NO.	DATE	DAY	TIME	CRASH TYPE	FATAL	INJURY	PROPERTY DAMAGE	DAY/NIGHT	WET DRY	CONTRIBUTING CAUSE	
167	05/05/12	Saturday	3:19 PM	RIGHT TURN	0	0	\$10,000	DAY	DRY	CARELESS DRIVING	
					6	90	\$1,094,215				
				CRASH TYPE							
TOTAL			PROP.	PED /	ANGLE	LEFT TURN	RIGHT TURN	REAR END	SIDESWIPE	RAN OFF ROAD	OTHER
CRASHES	FATAL	INJURY	DAMAGE	BIKE							
167	5	48	155	0	11	3	6	68	20	22	37
100%	3%	29%	93%	0%	7%	2%	4%	41%	12%	13%	22%
				CONTRIBUTING CAUSE							
	TIME		ROAD		NO IMPROPER DRIVING	CARELESS DRIVING	FAILED TO YIELD RIGHT OF WAY	IMPROPER LANE CHANGE	DUI	DISREGARDED TRAFFIC SIGNAL	OTHER
ONE	OF DAY		CONDITION								
VEHICLE	DAY	NIGHT	WET	DRY							
0	104	63	14	153	6	102	14	4	3	1	37
0%	62%	38%	8%	92%	4%	61%	8%	2%	2%	1%	22%