



This is the FDOT District 1 Swift SunGuide Center Monthly Operations Report, for February 2013. This Report contains the numerical data and counts that were derived from the SunGuide System events created by the operations staff.

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Please note that all times in this report are HH:MM format except where specifically noted.



# Definitions

**RISC -** RISC is an acronym for "Rapid Incident Scene Clearance". This is an innovative program developed by FDOT that helps the incident response community to meet the Florida's Open Roads Policy goal of safely clearing major highway incidents and truck crashes in 90 minutes or less. It is an incentive-based towing service program that requires specialized equipment and trained operators to quickly remove wreckage from the roadway.

**ESS -** ESS is an acronym for "Emergency Stopping Site". ESS are improved areas located on the state right-of-way near the freeway mainline that are used by motorists, Road Rangers, law enforcement, fire rescue, and other public service vehicles as a safe location to temporarily relocate from the interstate.

**SBCS -** The Safety Barrier Cable System is a continuous string of instrumented cables along the right-of-way fence on Alligator Alley on I-75. If a vehicle runs off the roadway and hits the cable, an alert is sent to the RTMC which allows for quick response to that incident.

**Incident -** An incident is an unplanned traffic occurrence that blocks lanes of travel, causes an abnormal traffic disturbance, or requires DMS activation. Examples of incidents include crashes, abnormal delays, emergency road work, road closures, flooding, police activity, child abduction alerts, etc.

*\*\* Please note that pre-planned road work and normal rush hour delays are not considered incidents.*

**Event -** An event is any roadway activity that is recorded by the SWIFT SunGuide Center including lane blocking incidents, congestion, scheduled construction, emergency road work, shoulder lane closures, disabled vehicles, abandoned vehicles, etc.

**Emergency Road Work -** This is an event type that describes situations where non-scheduled road work is necessary or whenever normally scheduled road work remains active past 6 AM or 4 PM on weekdays (into the potential rush hour time frame).

**Road Ranger Events -** Number of events in which a Road Ranger was dispatched and/or arrived on scene.

**Road Ranger Assists -** Number of activities performed by the Road Rangers when on the scene of an event.

## Incident Levels:

**Level 1 -** Incidents of any duration that do not close travel lanes (shoulder incidents, delays, event delays, etc.) or the "Start Time" to "Clear Time" duration of a lane closing (not road closing) incident is estimated to be < 30 minutes.

**Level 2 -** The "Start Time" to "Clear Time" duration of a lane closing incident is estimated to be 30 minutes or greater but less than 2 hours. This does not include a full closure of the roadway.

**Level 3 -** The "Start Time" to "Clear Time" duration of a lane closing incident is estimated to be 2 hours or greater or all travel lanes are blocked on any roadway or ramp. Significant area-wide congestion is expected (but not necessary).

Please note that all times in this report are in HH:MM format except where specifically noted.



1. Total Number of SunGuide Events:
3064

2. Number of Lane Blocking Events:
221

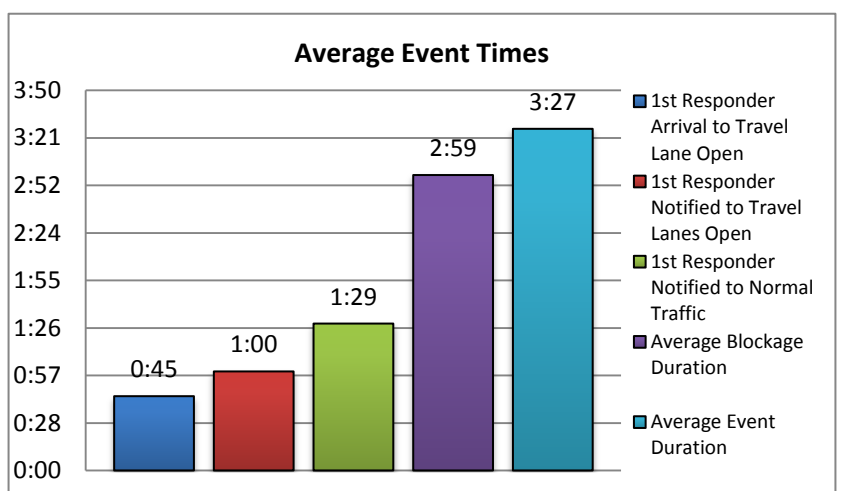
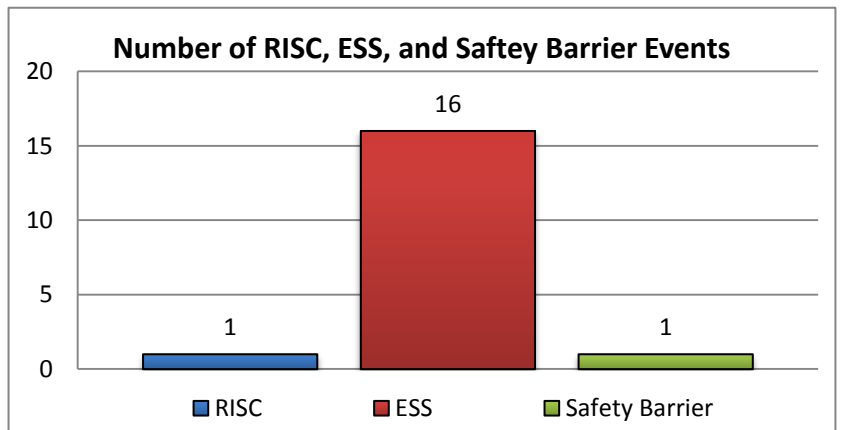
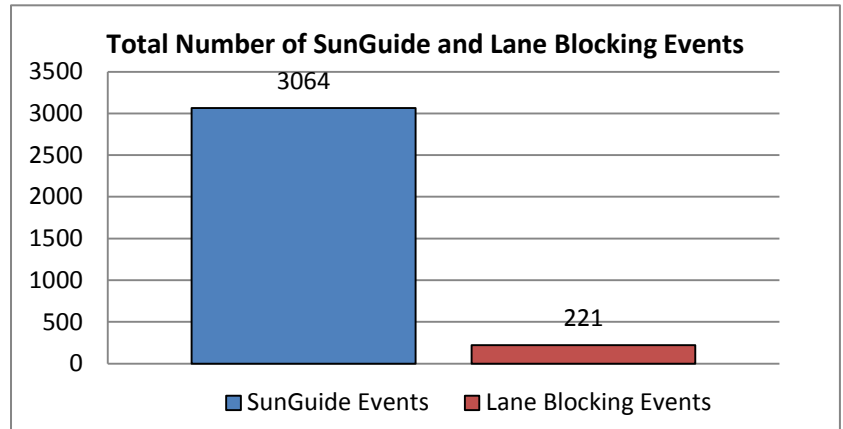
3. Number of RISC Events:
1

4. Number of ESS Events:
16

5. Events from a Safety Barrier Alert:
1

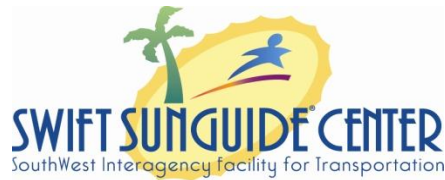
6. Average Open Roads Policy & Normal Traffic Times for I-75 Incidents	
Average Incident Duration From First Responder Arrival to Travel Lane Open	0:45
Average Incident Duration From First Responder Notified to Travel Lane Open	1:00
Average Incident Duration From First Responder Notified to Normal Traffic	1:29

7. Average Blockage/Event Duration - For All Lane Blocking Incidents & Events	
Total Number of Incidents and Events	3064
Total Number with Lane Blockage	221
Total Number of Secondday Incidents	15
Average Blockage Duration	2:59
Average Event Duration	3:27



Note: Table 6 includes lane blocking incidents for I-75 and only includes Crash, Debris on Roadway, Disabled Vehicles, Emergency Vehicles, Flooding, Other, Pedestrian, Police Activity, and Vehicle Fire Events.

Table 7 includes all lane blocking incidents & events for all 12 District 1 Counties.



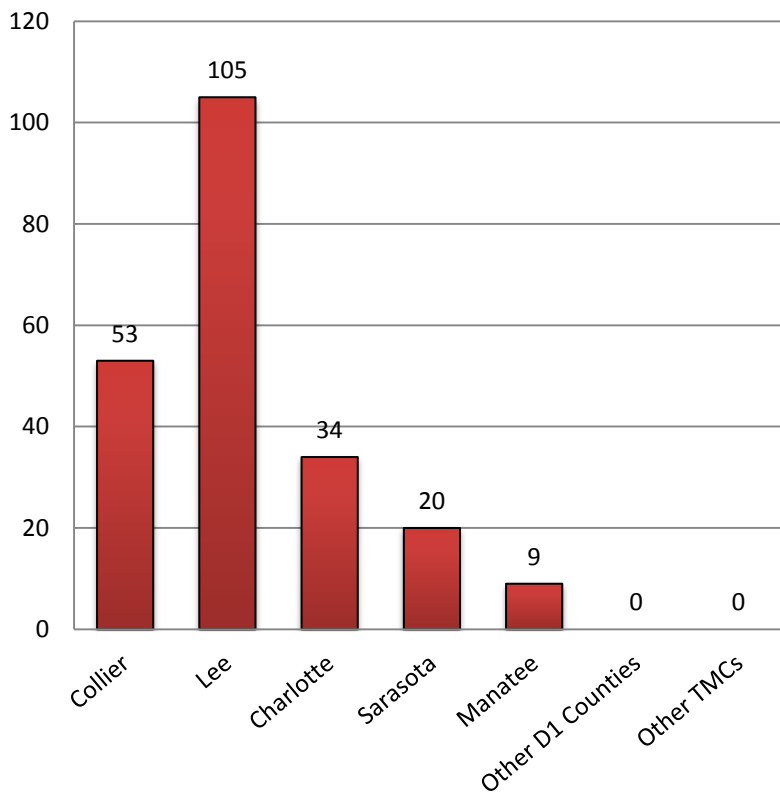
**8. Lane Blocking Incidents - By County and Roadway:**

Roadways	Collier County	Lee County	Charlotte County	Sarasota County	Manatee County	Other Dist 1 Counties
I-75	27	85	34	6	3	-
US-41	25	18	0	14	6	-
I-275	-	-	-	-	0	-
Arterials	1	2	0	0	0	0
Total Incidents	53	105	34	20	9	0

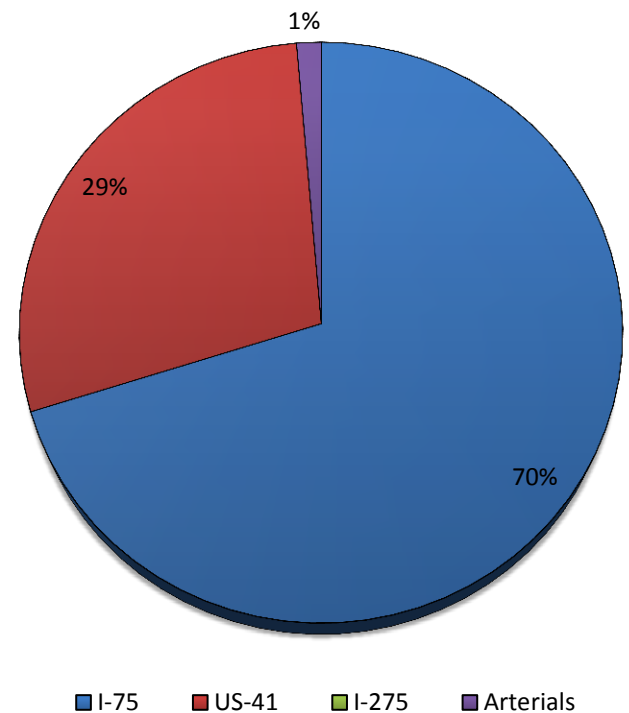
Roadways	District 7* TMC	District 6* TMC	District 4* TMC	FL Turnpike* TMC	Total Incidents By Roadway
I-75	0	0	0	-	155
US-41	0	0	-	-	63
I-275	0	-	-	-	0
Arterials	0	0	0	0	3
Total Incidents	0	0	0	0	221

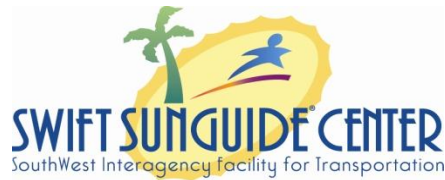
\*These are incidents that occurred outside of the District 1 coverage area but requires SWIFT SunGuide assistance.

**Lane Blocking Incidents - By County**



**Lane Blocking Incidents - By Roadway**



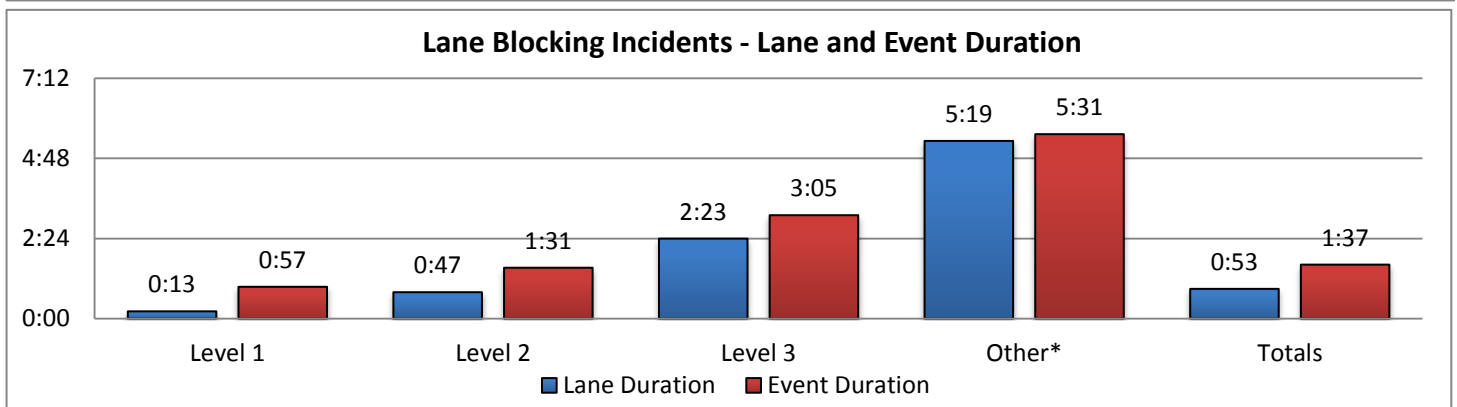
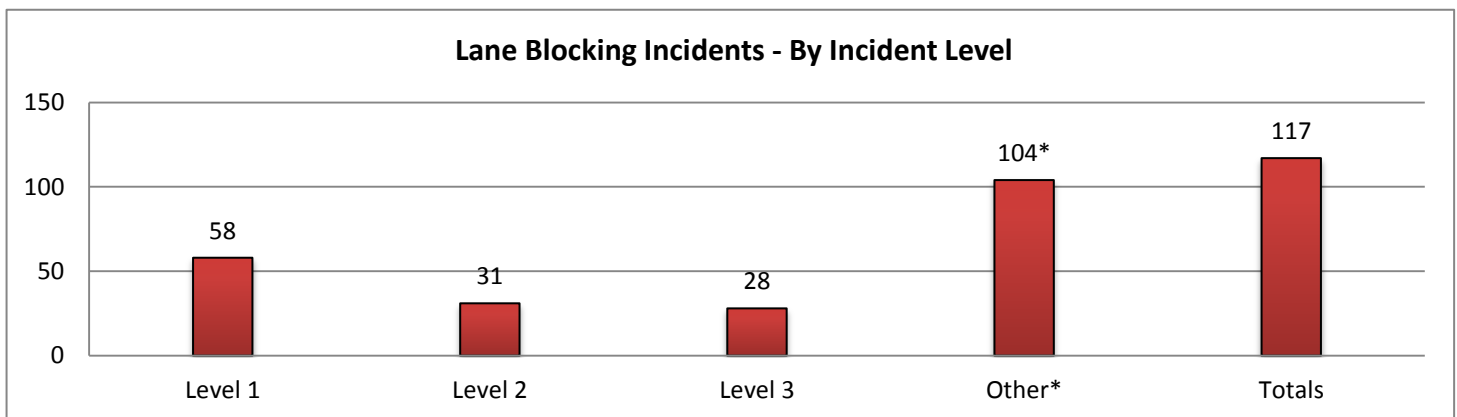


**9. LANE BLOCKING INCIDENTS - By Incident Level:**

	Collier County			Lee County			Charlotte County			Sarasota County		
	Events	Lane Duration	Event Duration	Events	Lane Duration	Event Duration	Events	Lane Duration	Event Duration	Events	Lane Duration	Event Duration
Level 1	15	0:12	1:35	25	0:11	0:45	5	0:12	0:19	9	0:17	0:49
Level 2	13	0:50	1:29	9	0:48	1:26	1	0:59	1:22	6	0:44	1:46
Level 3	9	2:11	2:46	10	3:02	3:52	1	2:09	2:19	5	2:47	3:17
Other*	16*	2:18	2:25	61*	6:09	6:23	27*	5:15	5:26	0*	0:00	0:00
Totals	37	0:54	1:50	44	0:57	1:35	7	0:35	0:45	20	1:02	1:43

	Manatee County			Other Dist 1 Counties			Other District TMCs			Total		
	Events	Lane Duration	Event Duration	Events	Lane Duration	Event Duration	Events	Lane Duration	Event Duration	Events	Lane Duration	Event Duration
Level 1	4	0:22	0:57	0	0:00	0:00	0	0:00	0:00	58	0:13	0:57
Level 2	2	0:33	1:33	0	0:00	0:00	0	0:00	0:00	31	0:47	1:31
Level 3	3	0:21	1:29	0	0:00	0:00	0	0:00	0:00	28	2:23	3:05
Other*	0*	0:00	0:00	0*	0:00	0:00	0*	0:00	0:00	104*	5:19	5:31
Totals	9	0:24	1:15	0	0:00	0:00	0	0:00	0:00	117	0:53	1:37

\*Incidents classified as "Other" are scheduled road work, and are not included in the Level 1, 2, & 3 totals.

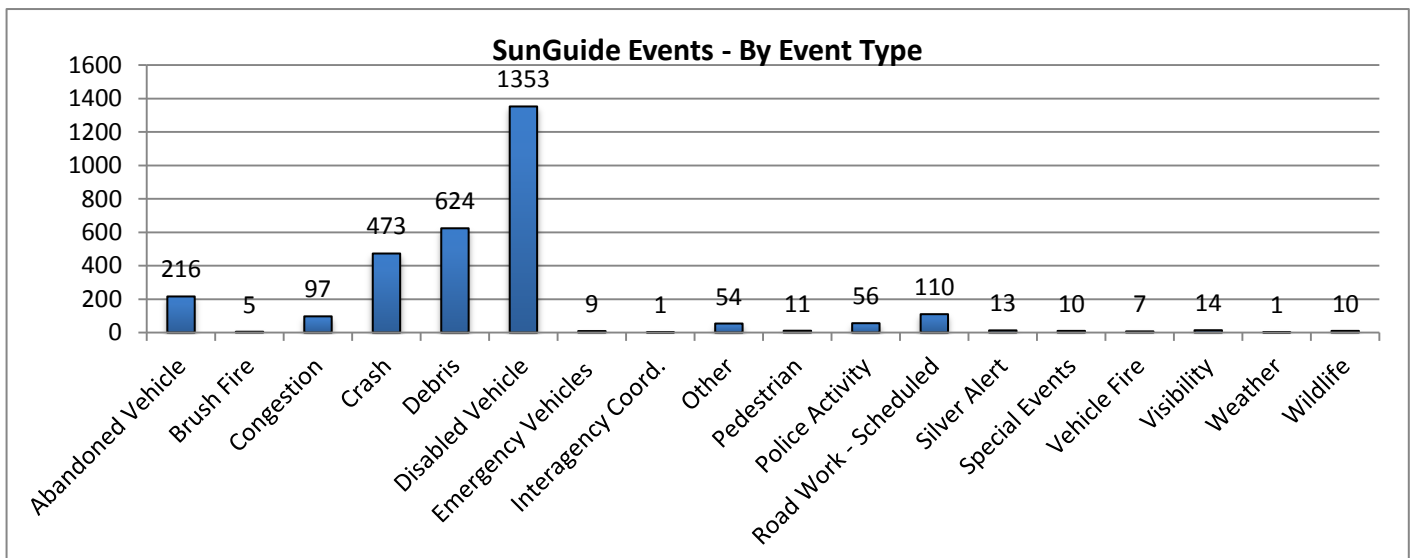




10. SunGuide Events - by Event Type:

Incidents	Collier County	Lee County	Charlotte County	Sarasota County	Manatee County	Other D-1 Counties	Other Dist. TMCs	Total # of Events
Abandoned Vehicle	46	51	19	63	37	0	0	216
Amber Alerts	0	0	0	0	0	0	0	0
Brush Fire	1	1	0	2	1	0	0	5
Congestion	22	73	1	0	1	0	0	97
Crash	73	137	16	126	111	10	0	473
Debris	83	155	124	167	94	0	1	624
Disabled Vehicle	424	326	131	265	204	1	2	1353
Emergency Vehicles	6	2	0	1	0	0	0	9
Interagency Coord.	0	1	0	0	0	0	0	1
LEO Alerts	0	0	0	0	0	0	0	0
Other	4	7	9	27	7	0	0	54
Pedestrian	1	1	1	3	5	0	0	11
Police Activity	21	25	9	1	0	0	0	56
Road Work - Emergency	0	0	0	0	0	0	0	0
Road Work - Scheduled	17	61	27	4	0	1	0	110
Silver Alert	0	13	0	0	0	0	0	13
Special Events	1	3	0	0	1	5	0	10
Vehicle Fire	2	3	0	1	1	0	0	7
Visibility	5	7	1	1	0	0	0	14
Weather	0	0	0	0	1	0	0	1
Wildlife	1	1	1	5	2	0	0	10
<b>Total Incidents</b>	<b>707</b>	<b>867</b>	<b>339</b>	<b>666</b>	<b>465</b>	<b>17</b>	<b>3</b>	<b>3064</b>

Note: Incident categories that are listed as zero are not included in the chart below.

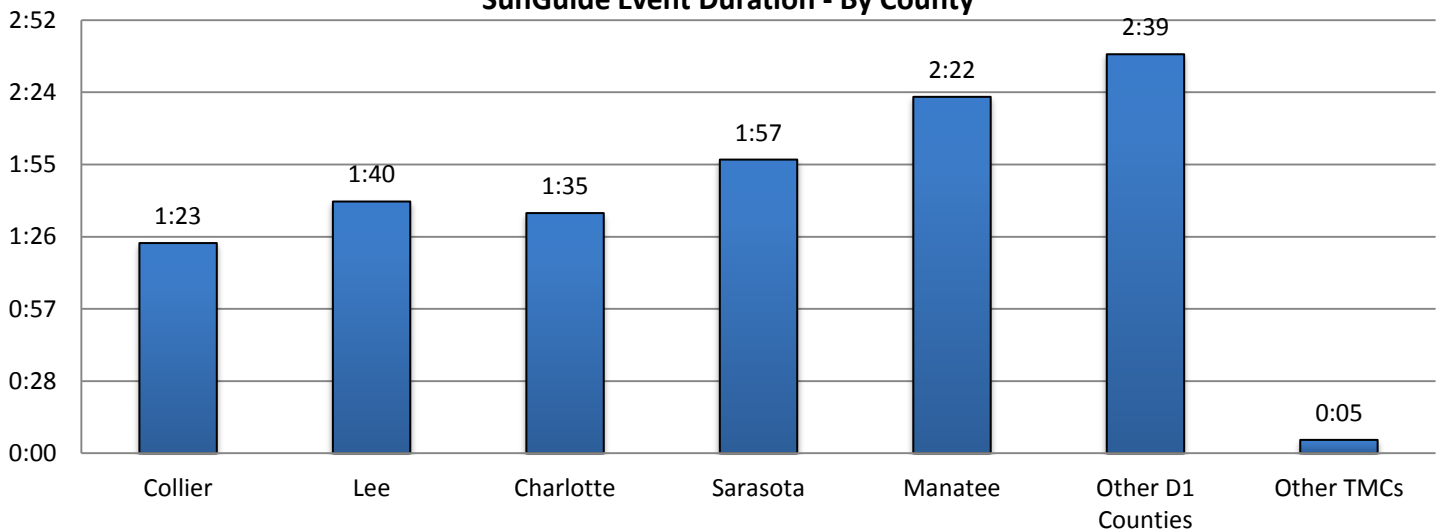




**11. SunGuide Event Duration (Average) - by Event Type:**

Incidents	Collier County	Lee County	Charlotte County	Sarasota County	Manatee County	Other D-1 Counties	Other Dist. TMCs	All Counties
Abandoned Vehicle	7:21	6:56	11:00	10:53	14:57	0:00	0:00	9:54
Amber Alerts	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
Brush Fire	0:23	0:03	0:00	0:42	0:18	0:00	0:00	0:25
Congestion	0:39	0:39	2:30	0:00	0:45	0:00	0:00	0:40
Crash	1:07	1:00	1:06	1:11	1:09	0:44	0:00	1:06
Debris	0:21	0:13	0:16	0:19	0:16	0:00	0:04	0:16
Disabled Vehicle	0:55	1:00	0:57	1:23	1:49	0:07	0:06	1:09
Emergency Vehicles	1:04	0:13	0:00	0:28	0:00	0:00	0:00	0:48
Interagency Coord.	0:00	8:27	0:00	0:00	0:00	0:00	0:00	8:27
LEO Alerts	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
Other	1:40	0:26	0:09	0:08	0:13	0:00	0:00	0:17
Pedestrian	0:12	0:02	0:13	0:20	0:04	0:00	0:00	0:09
Police Activity	2:27	0:33	0:20	0:30	0:00	0:00	0:00	1:13
Road Work - Emergency	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
Road Work - Scheduled	2:27	6:26	5:26	7:42	0:00	0:27	0:00	5:33
Silver Alert	0:00	4:22	0:00	0:00	0:00	0:00	0:00	4:22
Special Events	10:25	9:36	0:00	0:00	9:17	7:25	0:00	8:33
Vehicle Fire	1:22	3:32	0:00	0:17	3:04	0:00	0:00	2:23
Visibility	3:12	5:36	2:23	4:33	0:00	0:00	0:00	4:26
Weather	0:00	0:00	0:00	0:00	9:08	0:00	0:00	9:08
Wildlife	0:35	0:00	1:06	0:43	0:33	0:00	0:00	0:38
<b>Total Incidents</b>	<b>1:23</b>	<b>1:40</b>	<b>1:35</b>	<b>1:57</b>	<b>2:22</b>	<b>2:39</b>	<b>0:05</b>	<b>1:46</b>

**SunGuide Event Duration - By County**







**12. Event DMS Statistics:**

Number of DMS Used for Unplanned Events*:	Number of Incidents Utilizing DMS	Average Number of DMS per Incident	Average DMS Message Duration
1101	150	7	3:06

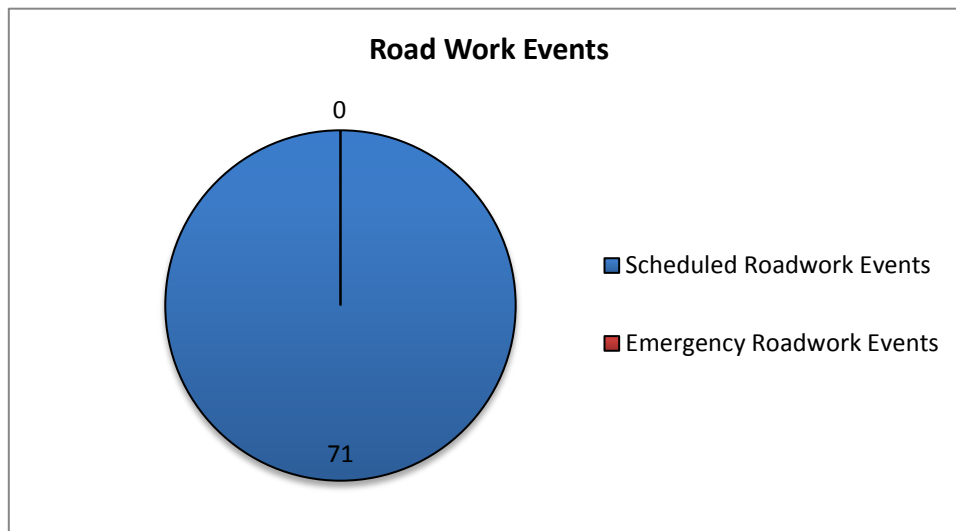
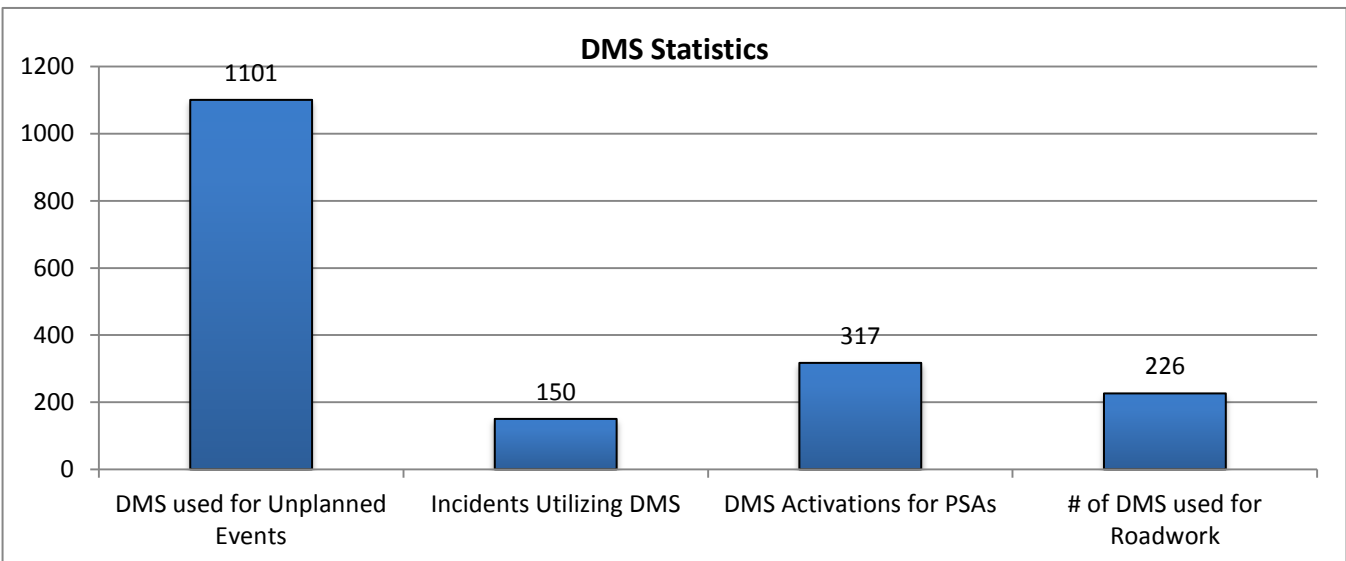
**13. PSA - DMS Activations:**

Number of Public Service Announcement DMS Activations
317

\* The DMS used for "Unplanned Events" includes crashes, congestion, visibility, silver alerts, etc.

**14. Road Work - DMS Statistics:**

Scheduled Road Work	Emergency Road Work	Total # Road Work Patterns
71	0	71
# DMS Used for Road Work		Average # of DMS/Pattern
226		3







15. Event Location - Summary By Exit Reference:

I-75 Northbound		I-75 Southbound	
Mile <49	2	Mile <49	0
Mile 49-79.9	102	Mile 49-79.9	134
Mile 80-100.9	109	Mile 80-100.9	79
Mile 101-104.9	9	Mile 101-104.9	13
Mile 105-106.9	19	Mile 105-106.9	22
Mile 107-110.9	41	Mile 107-110.9	47
Mile 111-115.9	36	Mile 111-115.9	41
Mile 116-122.9	72	Mile 116-122.9	87
Mile 123-127.9	61	Mile 123-127.9	30
Mile 128-130.9	54	Mile 128-130.9	37
Mile 131-135.9	92	Mile 131-135.9	53
Mile 136-137.9	23	Mile 136-137.9	12
Mile 138-138.9	14	Mile 138-138.9	10
Mile 139-140.9	20	Mile 139-140.9	15
Mile 141-142.9	42	Mile 141-142.9	19
Mile 143-157.9	114	Mile 143-157.9	100
Mile 158-160.9	25	Mile 158-160.9	15
Mile 161-163.9	26	Mile 161-163.9	31
Mile 164-166.9	26	Mile 164-166.9	24
Mile 167-169.9	25	Mile 167-169.9	31
Mile 170-178.9	34	Mile 170-178.9	47
Mile 179-181.9	19	Mile 179-181.9	9
Mile 182-190.9	46	Mile 182-190.9	57
Mile 191-192.9	16	Mile 191-192.9	16
Mile 193-194.9	18	Mile 193-194.9	22
Mile 195-199.9	31	Mile 195-199.9	21
Mile 200-204.9	50	Mile 200-204.9	50
Mile 205-206.9	20	Mile 205-206.9	15
Mile 207-209.9	24	Mile 207-209.9	28
Mile 210-212.9	51	Mile 210-212.9	32
Mile 213-216.9	32	Mile 213-216.9	35
Mile 217-219.9	42	Mile 217-219.9	42
Mile 220-223.9	39	Mile 220-223.9	40
Mile 224-227.9	33	Mile 224-227.9	43
Mile 228-228.9	8	Mile 228-228.9	13
Mile 229-229.9	3	Mile 229-229.9	5
Mile 230-239.9	0	Mile 230-239.9	0
> Mile 240	0	> Mile 240	0
North Total	1378	South Total	1275

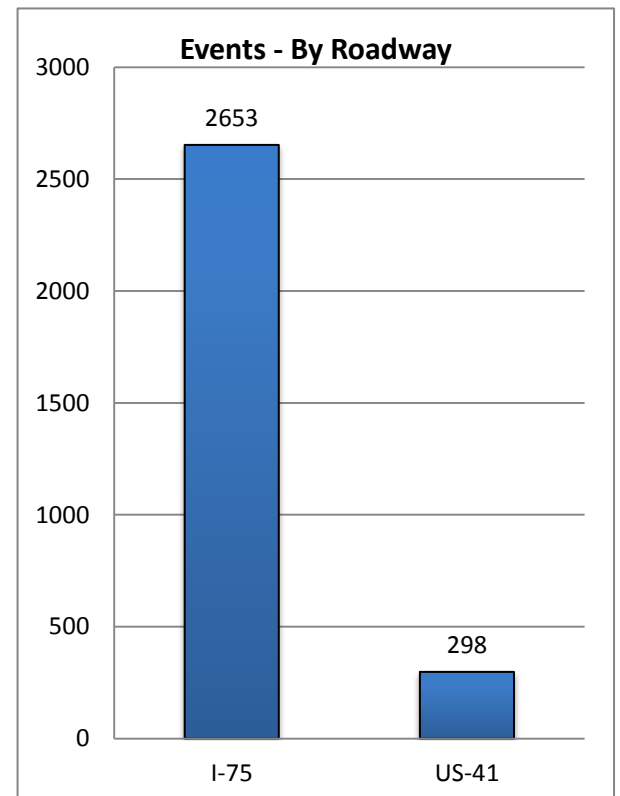
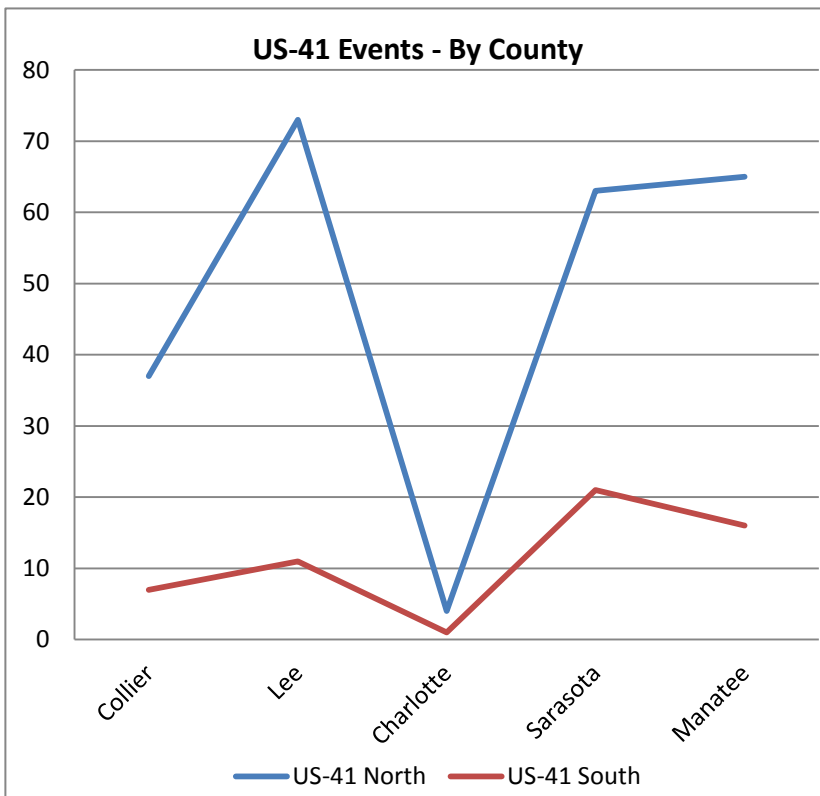
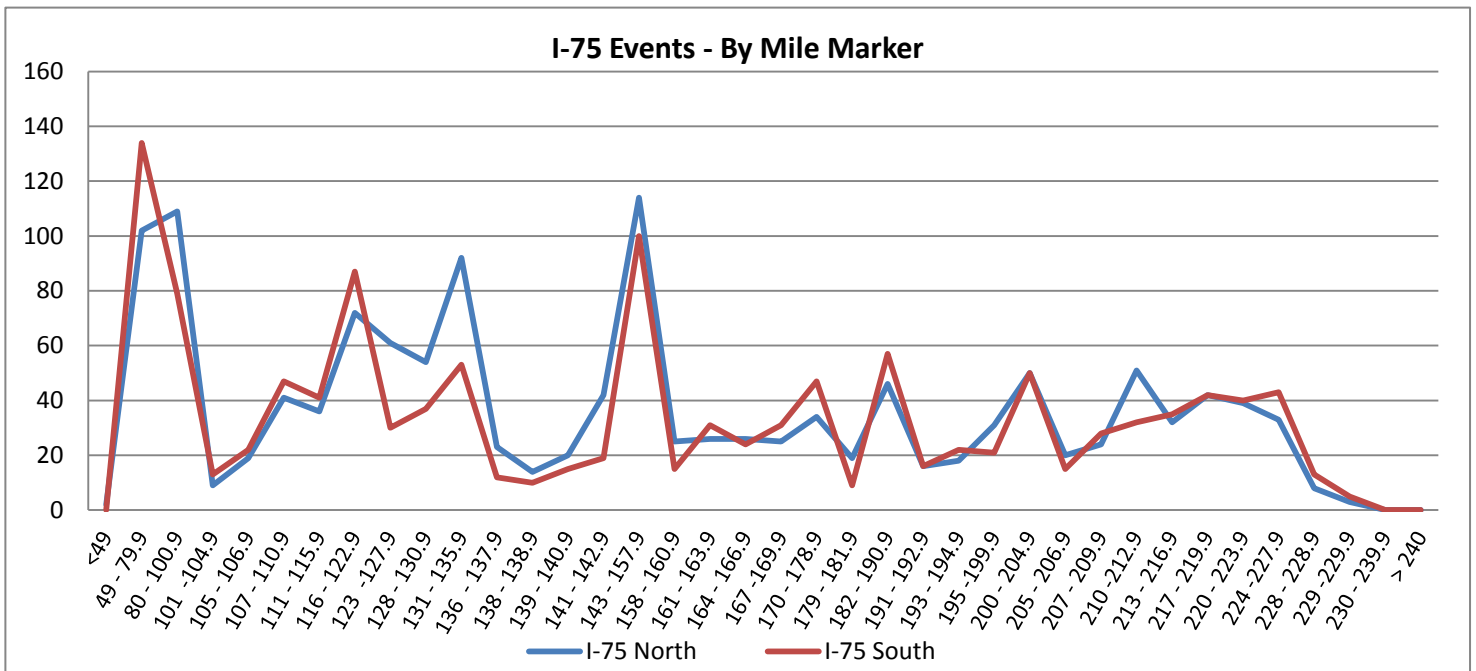
US-41 Northbound	
Collier	37
Lee	73
Charlotte	4
Sarasota	63
Manatee	65
North Total	242

US-41 Southbound	
Collier	7
Lee	11
Charlotte	1
Sarasota	21
Manatee	16
South Total	56

Total Events on US-41
298

Total Events on I-75
2653

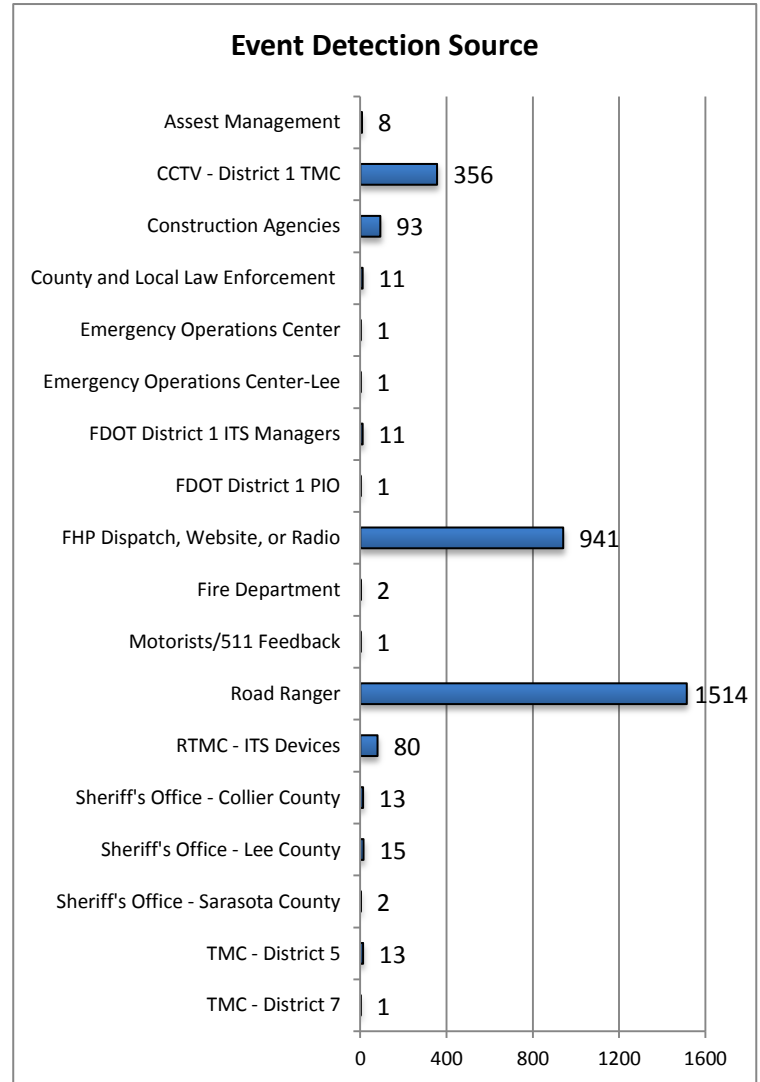
Note: The charts for these tables appear on the following page.





16. Event Detection Source:

Assest Management (includes Dbi & ICA)	8	0.3%
CCTV - District 1 TMC	356	11.6%
CCTV - Other	0	0.0%
Construction Agencies	93	3.0%
County and Local Law Enforcement	11	0.4%
Emergency Operations Center	1	0.0%
Emergency Operations Center-Lee	1	0.0%
FDOT District 1 ITS Managers	11	0.4%
FDOT District 1 PIO	1	0.0%
FDOT Maintenance	0	0.0%
FHP Dispatch, Website, or Radio	941	30.7%
FHP Incident Alerts	0	0.0%
Fire Department	2	0.1%
HazMat/DEP	0	0.0%
MCCO	0	0.0%
Media	0	0.0%
Motorists/511 Feedback	1	0.0%
Other	0	0.0%
Other Airport	0	0.0%
Other Field Personnel	0	0.0%
Road Ranger	1514	49.4%
RTMC - ITS Devices (TSS & Safety Barrier)	80	2.6%
RTMC Scanner	0	0.0%
RTMC Staff (On Scene)	0	0.0%
Sherriff's Officer - Charlotte County	0	0.0%
Sheriff's Office - Collier County	13	0.4%
Sheriff's Office - Lee County	15	0.5%
Sheriff's Office - Manatee County	0	0.0%
Sheriff's Office - Sarasota County	2	0.1%
SW Florida Internantion Airport	0	0.0%
TMC - District 4	0	0.0%
TMC - District 5	13	0.4%
TMC - District 7	1	0.0%
TMC - Other Districts	0	0.0%
Tow Truck Companies	0	0.0%
Traffic Engineering	0	0.0%
Total Number of Incidents	3064	100.0%



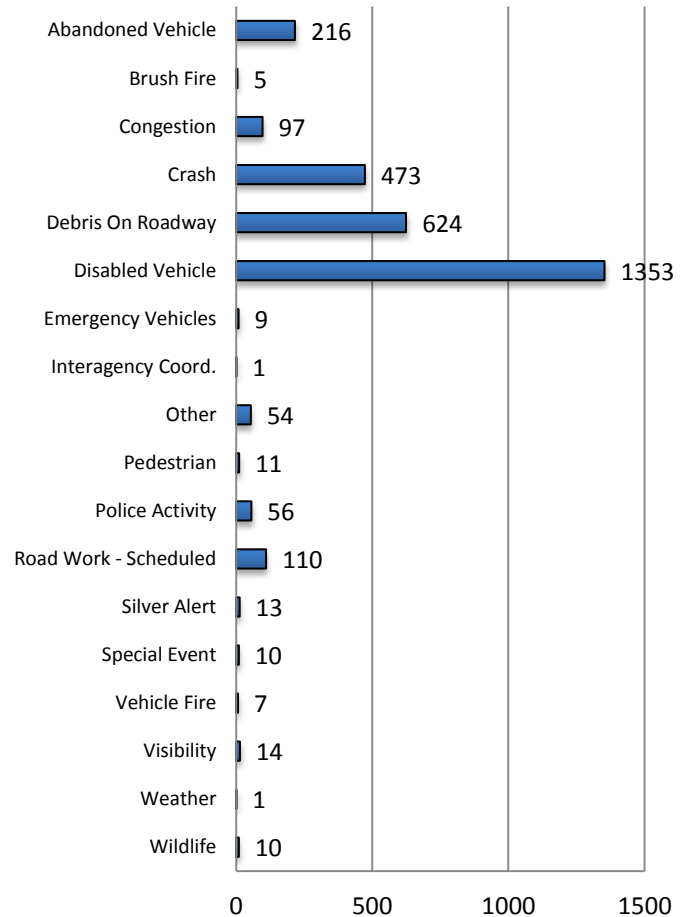
Note: Event Detection Source Categories listed as zero are not included in the above chart.



### 17. Event Type Summary

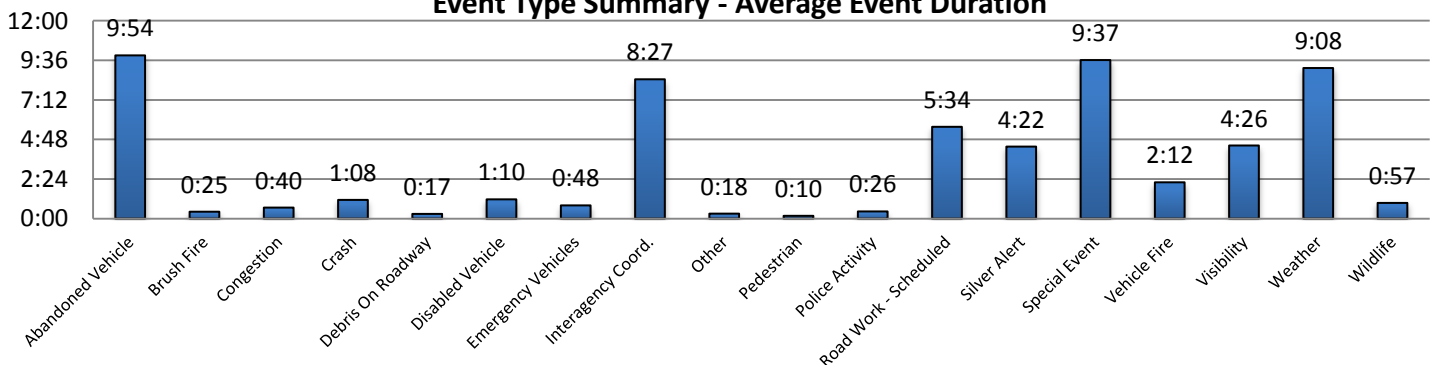
Event Types	# of Events	Average On Scene Time	Average Event Duration
Abandoned Vehicle	216	1:03	9:54
Amber Alert	0	0:00	0:00
Bridge Work	0	0:00	0:00
Brush Fire	5	0:23	0:25
Congestion	97	0:00	0:40
Crash	473	0:52	1:08
Debris On Roadway	624	0:12	0:17
Disabled Vehicle	1353	0:24	1:10
Emergency Vehicles	9	0:27	0:48
Evacuation	0	0:00	0:00
Flooding	0	0:00	0:00
Interagency Coord.	1	0:00	8:27
LEO Alert	0	0:00	0:00
Other	54	0:08	0:18
Pedestrian	11	0:01	0:10
Police Activity	56	0:15	0:26
PSA	0	0:00	0:00
Road Work - Emergency	0	0:00	0:00
Road Work - Scheduled	110	0:10	5:34
Silver Alert	13	0:00	4:22
Special Event	10	1:07	9:37
Vehicle Fire	7	0:37	2:12
Visibility	14	0:00	4:26
Weather	1	0:00	9:08
Wildlife	10	0:30	0:57
Total Events	3064	6:09	11:59

### Event Type Summary - By Event Type



Note: Event Type Categories listed as zero are not included in these charts.

### Event Type Summary - Average Event Duration





## Road Ranger Information

Weekday Road Rangers			
<b>RR104</b>	<b>MM 49-80</b>	<b>RR111</b>	<b>MM 167-193</b>
<b>RR103</b>	<b>MM 80-105</b>	<b>RR108</b>	<b>MM 191-213</b>
<b>RR105</b>	<b>(Spare Truck)</b>	<b>RR113</b>	<b>MM 210-230</b>
<b>RR106</b>	<b>MM 105-123</b>	<b>*RR112</b>	<b>MM 224-230 &amp;</b>
<b>RR107</b>	<b>MM 116-138</b>		<b>I-275 MM 0-13</b>
<b>RR110</b>	<b>MM 136-158</b>	<b>RR115</b>	<b>(Spare Truck)</b>
<b>RR109</b>	<b>MM 143-170</b>		

\*RR112 is primarily dispatched from the District 7 RTMC

County Limits	
Collier County	Mile 50-115
Lee County	Mile 115-149
Charlotte County	Mile 149-172
Sarasota County	Mile 172-213
Manatee County	Mile 213-232

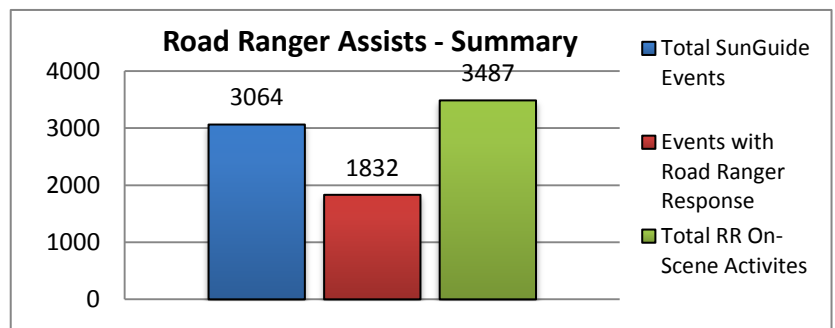
Saturday Road Rangers			
<b>*RR104</b>	<b>MM 49-105</b>	<b>RR111</b>	<b>MM 167-193</b>
<b>RR104</b>	<b>MM 49-80</b>	<b>RR113</b>	<b>MM 210-230</b>
<b>RR103</b>	<b>MM 80-105</b>	<b>RR112</b>	<b>MM 224-230</b>
<b>RR105</b>	<b>(Spare Truck)</b>		<b>I-275 MM 0-13</b>
<b>RR106</b>	<b>MM 105-123</b>	<b>#RR113</b>	<b>I-275 MM 0-13</b>
<b>RR109</b>	<b>MM 143-170</b>		

\*RR 104 covers Ex 49-105 until noon when RR 103 begins patrolling  
#RR 113 covers I-275 until 11 AM when RR112 arrives for District 7

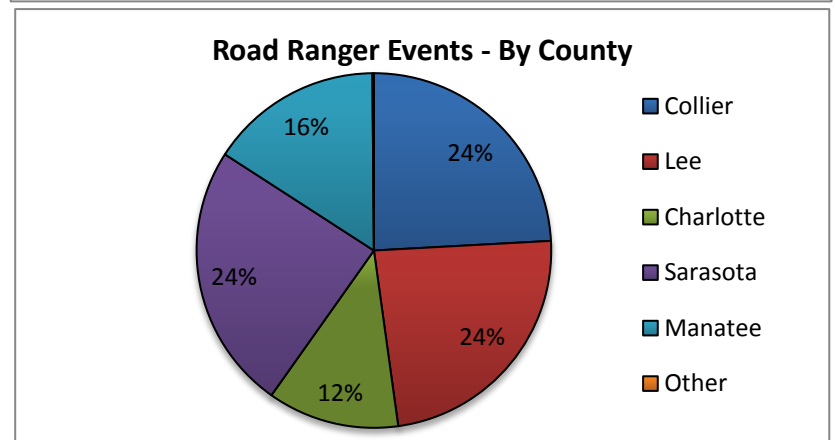
Sunday Road Rangers			
<b>*RR103</b>	<b>MM 49-105</b>	<b>RR111</b>	<b>MM 167-193</b>
<b>RR103</b>	<b>MM 49-80</b>	<b>RR113</b>	<b>MM 210-230</b>
<b>RR104</b>	<b>MM 80-105</b>	<b>RR112</b>	<b>MM 224-230</b>
<b>RR105</b>	<b>(Spare Truck)</b>		<b>I-275 MM 0-13</b>
<b>RR106</b>	<b>MM 105-123</b>	<b>#RR113</b>	<b>I-275 MM 0-13</b>
<b>RR109</b>	<b>MM 143-170</b>		

\*RR 103 covers Ex 49-105 until noon when RR 104 begins patrolling  
#RR 113 covers I-275 until 11 AM when RR112 arrives for District 7

18. Road Ranger Assists Summary	
Total SunGuide Events	3064
Events with Road Ranger Response	1832
Total RR On-Scene Activities	3487
Average Activities/Assisted Event	1.90
% of Events Assisted	59.79%



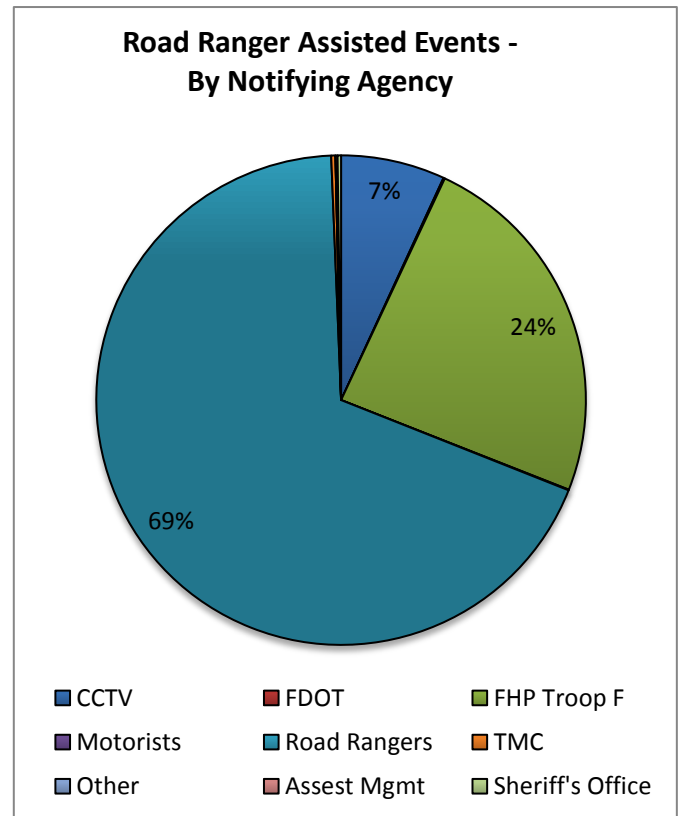
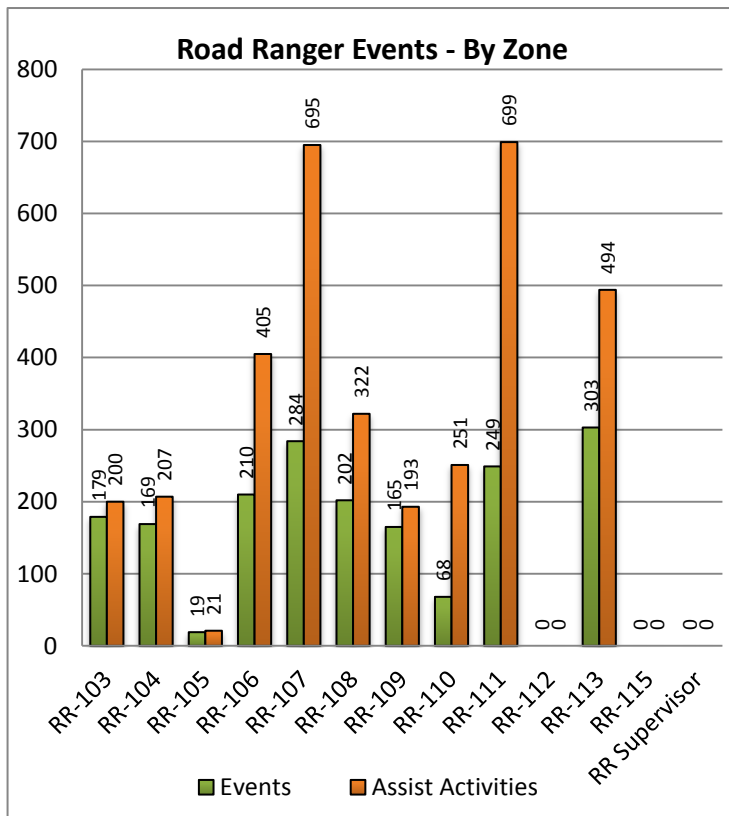
19. Road Ranger Events By County:	
District 1 Counties	Road Ranger Events
Collier	523
Lee	513
Charlotte	260
Sarasota	527
Manatee	341
Other	3
Totals	2167





20. Road Ranger Events - By Zone:		
Road Ranger Zones	Road Ranger Events	Assist Activities
RR-103	179	200
RR-104	169	207
RR-105	19	21
RR-106	210	405
RR-107	284	695
RR-108	202	322
RR-109	165	193
RR-110	68	251
RR-111	249	699
RR-112	0	0
RR-113	303	494
RR-115	0	0
RR Supervisor	0	0
Totals	1848	3487

21. Road Ranger Assisted Events - By Notifying Agency:		
Notifying Agency	Number of Events	% of Events
CCTV	149	6.9%
FDOT	2	0.1%
FHP Troop F	520	24.0%
Motorists	1	0.0%
Road Rangers	1481	68.3%
TMC	6	0.3%
Other	0	0.0%
Assest Mgmt	3	0.1%
Sheriff's Office	5	0.2%
Totals	2167	100.0%

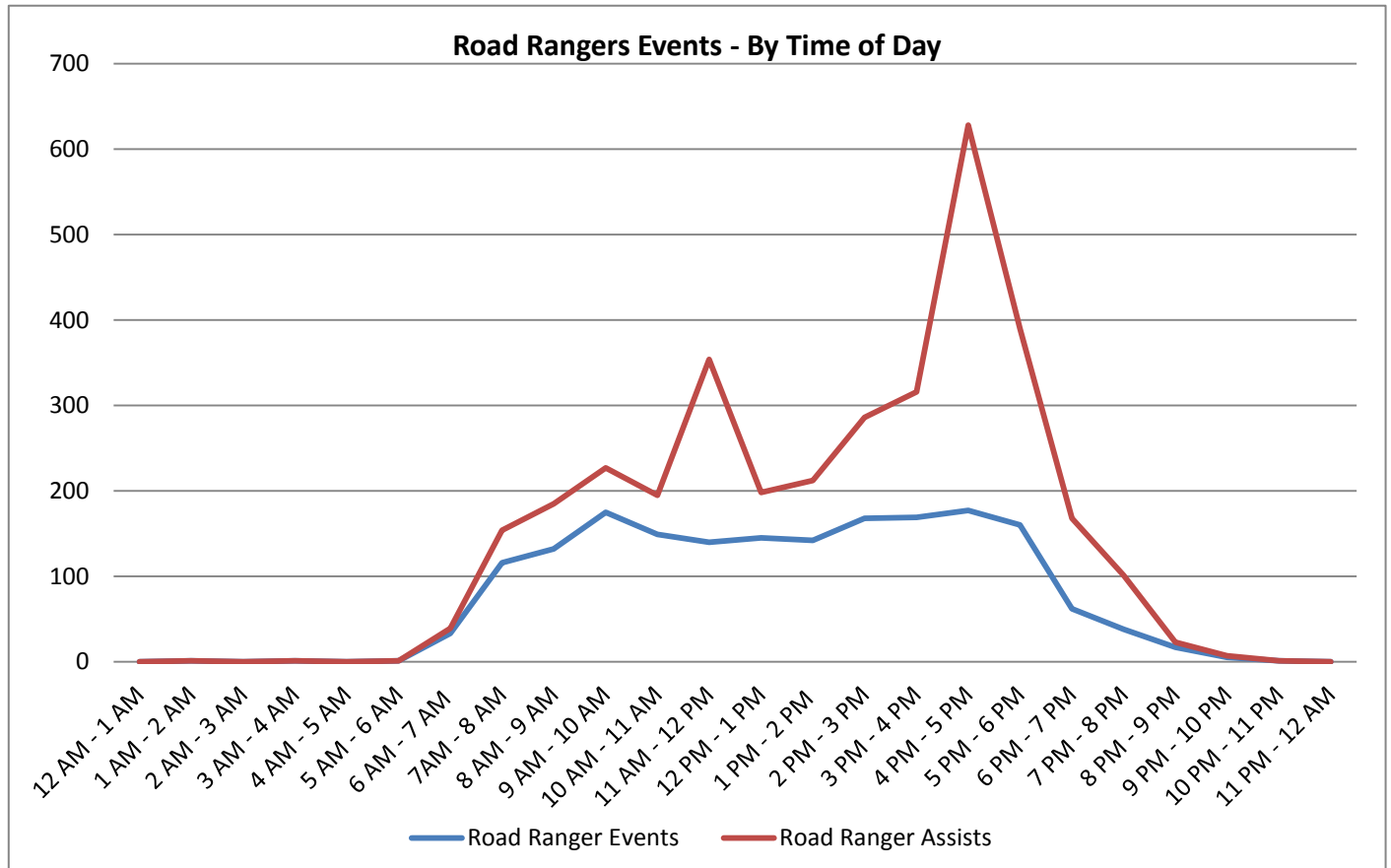




**22. Road Ranger Assisted Events -  
By Time of Day:**

Time of Day	RR Events	RR Assists
12 AM - 1 AM	0	0
1 AM - 2 AM	1	1
2 AM - 3 AM	0	0
3 AM - 4 AM	1	1
4 AM - 5 AM	0	0
5 AM - 6 AM	1	1
6 AM - 7 AM	33	39
7 AM - 8 AM	116	154
8 AM - 9 AM	132	185
9 AM - 10 AM	175	227
10 AM - 11 AM	149	195
11 AM - 12 PM	140	354

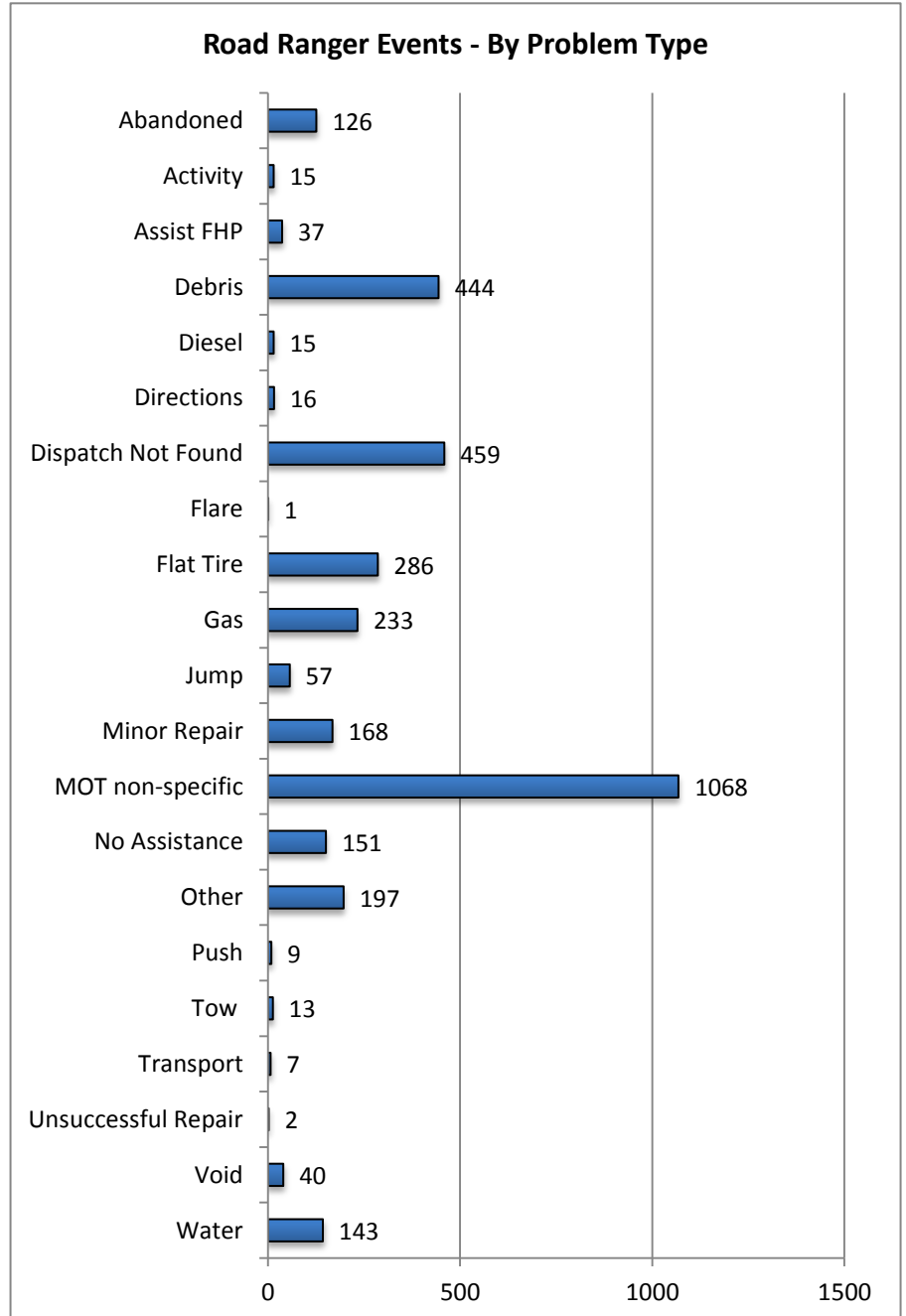
Time of Day	RR Events	RR Assists
12 PM - 1 PM	145	198
1 PM - 2 PM	142	212
2 PM - 3 PM	168	286
3 PM - 4 PM	169	316
4 PM - 5 PM	177	628
5 PM - 6 PM	160	390
6 PM - 7 PM	62	168
7 PM - 8 PM	38	101
8 PM - 9 PM	17	23
9 PM - 10 PM	5	7
10 PM - 11 PM	1	1
11 PM - 12 AM	0	0
Totals	1832	3487







23. Road Ranger Events - By Problem Type:	
Problem Type	# of Assists
Abandoned	126
Absorbant	0
Activity	15
Assist FHP	37
Bleach	0
Cold Patch Asphalt	0
Debris	444
Deploy Cones	0
Diesel	15
Directions	16
Dispatch Not Found	459
Flare	1
Flat Tire	286
Flood Lamp	0
Gas	233
Jump	57
Livestock	0
Lockout	0
Minor Repair	168
Miscellaneous	0
MOT non-specific	1068
No Assistance	151
Oil	0
Other	197
Phone	0
Portland Cement	0
Push	9
Radio	0
Tow	13
Translate	0
Transmission Fluid	0
Transport	7
Turbo Flare	0
Unsuccessful Repair	2
Void	40
Water	143
Wildlife	0
<b>Total Assist Activities</b>	<b>3487</b>



Note: Problem Type categories listed as zero are not included in the above chart.