



**This is the FDOT District 1 SWIFT SunGuide Center Monthly Operations Report for Second Quarter 2015. 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.



<b>1. Total Number of SunGuide Events:</b>	
	14641

<b>2. Number of Lane Blocking Events:</b>	
	762

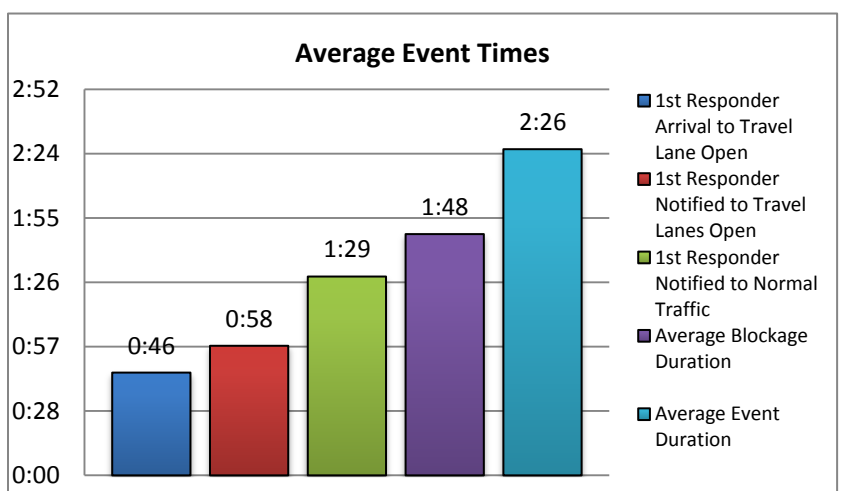
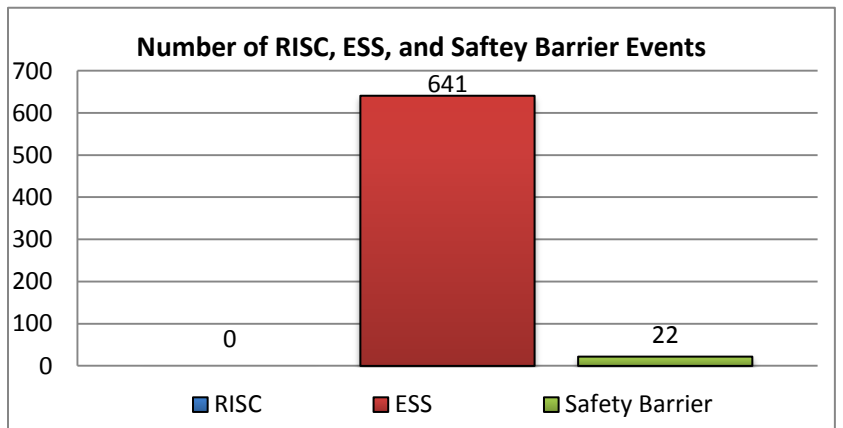
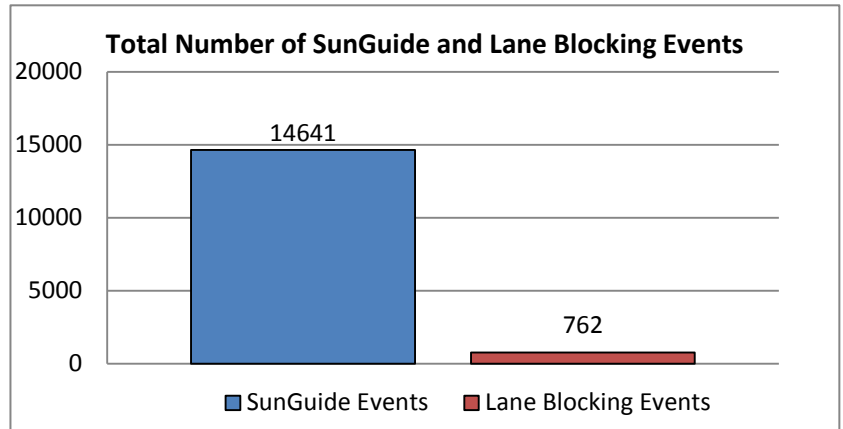
<b>3. Number of RISC Events:</b>	
	0

<b>4. Number of ESS Events:</b>	
	641

<b>5. Events from a Safety Barrier Alert:</b>	
	22

6. Average Open Roads Policy & Normal Traffic Times for I-75 Incidents	
Average Incident Duration From First Responder Arrival to Travel Lane Open	0:46
Average Incident Duration From First Responder Notified to Travel Lane Open	0:58
Average Incident Duration From First Responder Notified to Normal Traffic	1:29

7. Average Blockage/Event Duration - For All Lane Blocking Events	
Number of Events	14641
Number of Lane Blocking Events	762
Number of Secondary Incidents	103
Average Blockage Duration	1:48
Average Event Duration	2:26



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.

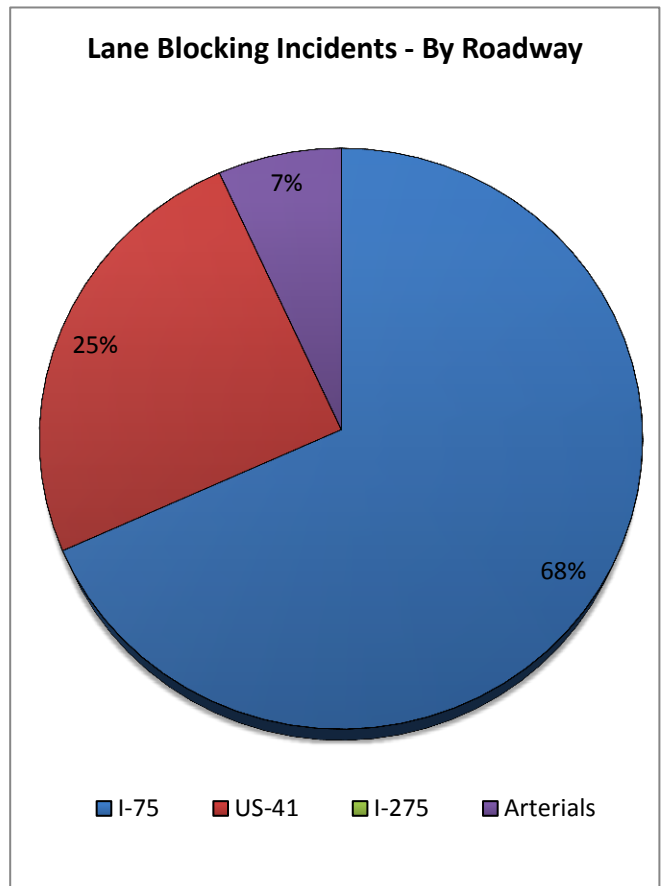
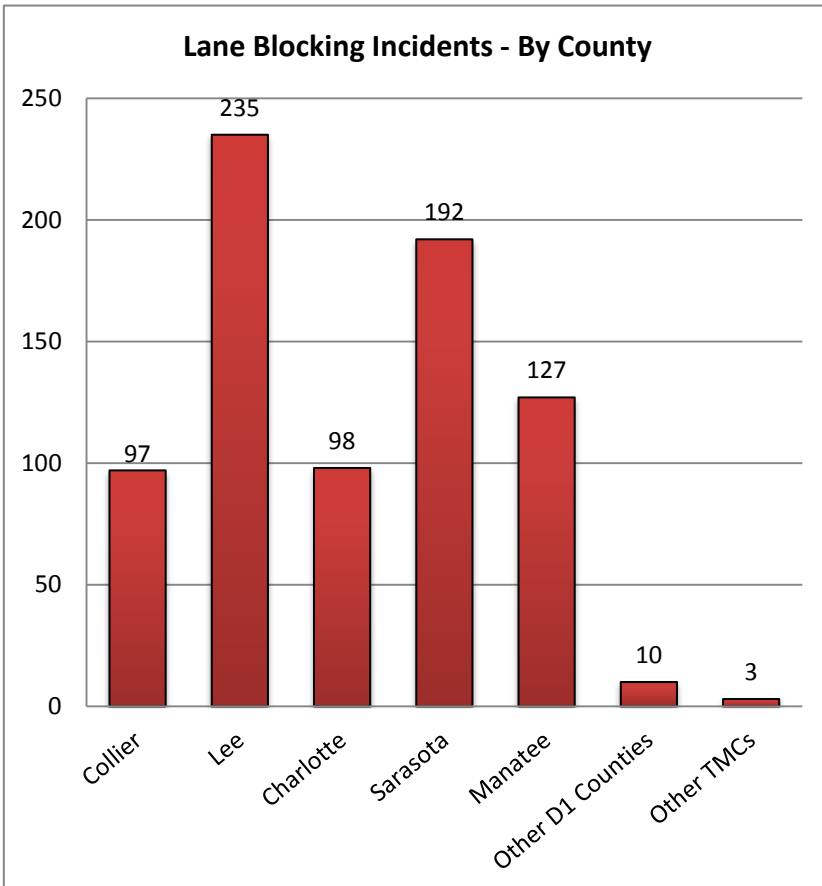


**8. Lane Blocking Incidents - By County and Roadway:**

Roadways	Collier County	Lee County	Charlotte County	Sarasota County	Manatee County	Other Dist 1 Counties
I-75	84	150	82	136	65	-
US-41	12	76	15	38	49	-
I-275	-	-	-	-	0	-
Arterials	1	9	1	18	13	10
<b>Total Incidents</b>	<b>97</b>	<b>235</b>	<b>98</b>	<b>192</b>	<b>127</b>	<b>10</b>

Roadways	District 7* TMC	District 6* TMC	District 4* TMC	FL Turnpike* TMC	Total Incidents By Roadway
I-75	0	0	3	-	520
US-41	0	0	-	-	190
I-275	0	-	-	-	0
Arterials	0	0	0	0	52
<b>Total Incidents</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>762</b>

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



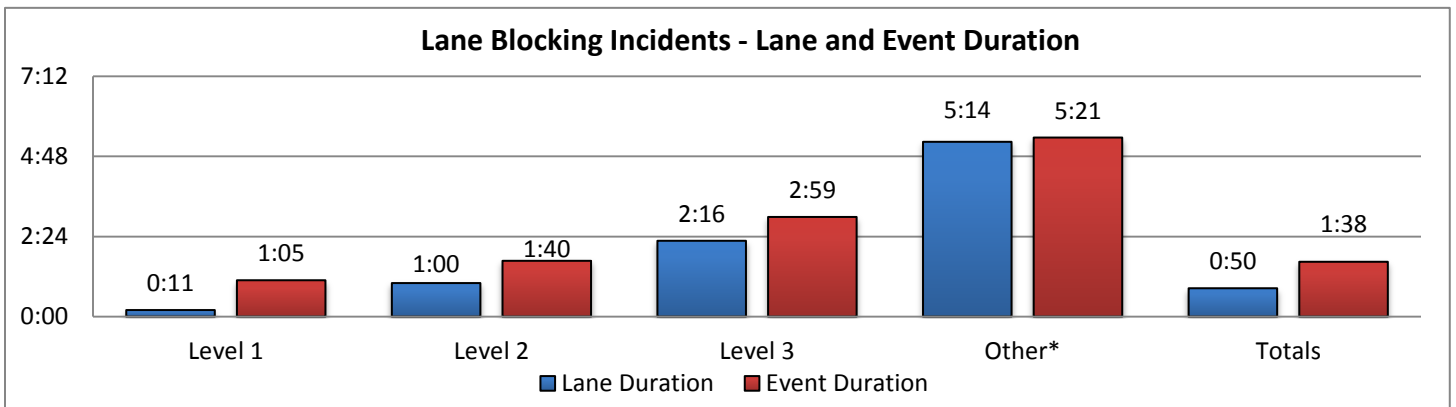
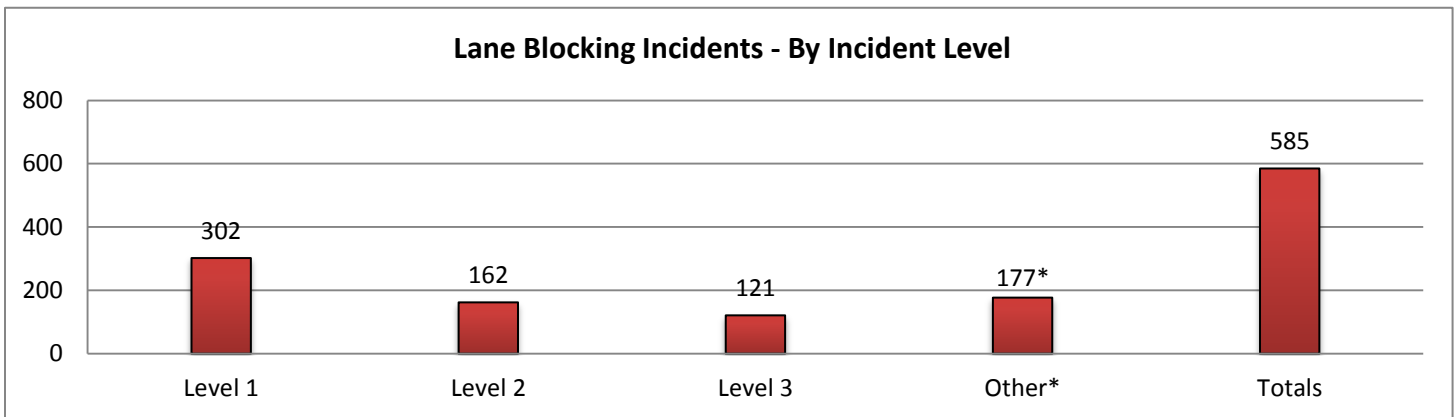


**9. LANE BLOCKING INCIDENTS - By Incident Level:**

	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	41	0:12	1:12	98	0:12	1:00	21	0:08	0:59	89	0:12	1:12
Level 2	22	0:56	1:42	42	1:02	1:35	20	0:56	1:42	42	1:04	1:45
Level 3	22	1:01	1:55	33	1:59	2:36	11	2:31	3:15	25	1:54	2:41
Other*	12*	3:48	3:59	62*	4:45	4:52	46*	6:47	6:56	36*	5:31	5:37
<b>Totals</b>	<b>85</b>	<b>0:36</b>	<b>1:30</b>	<b>173</b>	<b>0:44</b>	<b>1:26</b>	<b>52</b>	<b>0:56</b>	<b>1:44</b>	<b>156</b>	<b>0:42</b>	<b>1:35</b>

	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	52	0:12	1:02	0	0:00	0:00	1	0:26	0:33	302	0:11	1:05
Level 2	36	0:59	1:39	0	0:00	0:00	0	0:00	0:00	162	1:00	1:40
Level 3	19	1:43	2:26	9	6:49	7:21	2	8:59	9:03	121	2:16	2:59
Other*	20*	3:49	3:57	1*	0:00	0:00	0*	0:00	0:00	177*	5:14	5:21
<b>Totals</b>	<b>107</b>	<b>0:43</b>	<b>1:29</b>	<b>9</b>	<b>6:49</b>	<b>7:21</b>	<b>3</b>	<b>6:08</b>	<b>6:13</b>	<b>585</b>	<b>0:50</b>	<b>1:38</b>

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

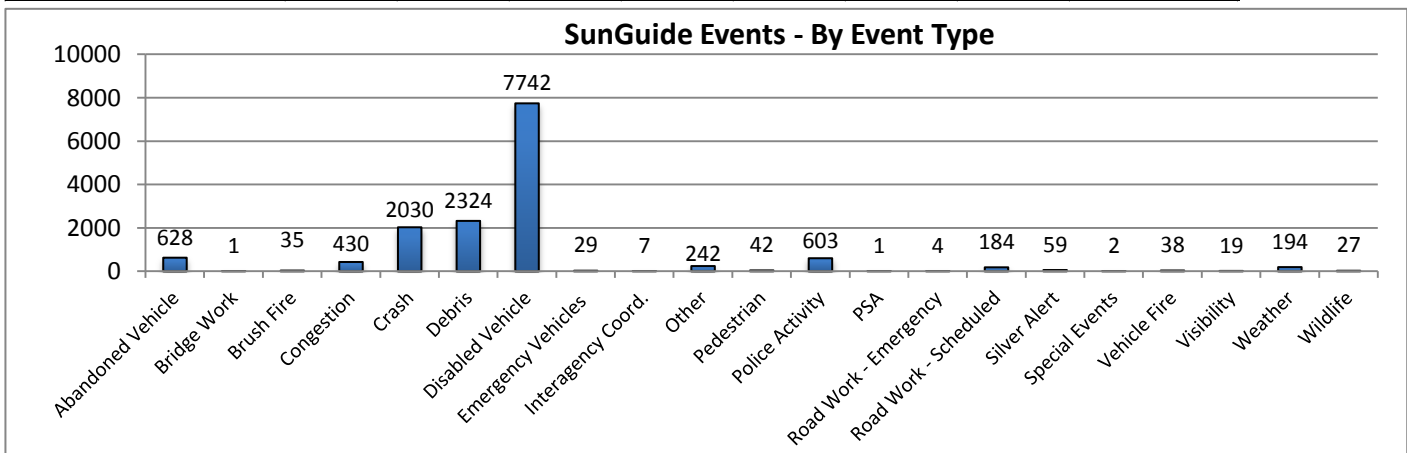




10. SunGuide Events - by Event Type:

Incidents	Collier County	Lee County	Charlotte County	Sarasota County	Manatee County	Other D-1 Counties	Other Dist. TMCs	Total # of Events
Abandoned Vehicle	119	162	56	186	104	0	1	628
Amber Alerts	0	0	0	0	0	0	0	0
Bridge Work	0	0	0	0	0	1	0	1
Brush Fire	18	5	2	6	3	1	0	35
Congestion	23	68	6	153	180	0	0	430
Crash	163	497	84	632	634	20	0	2030
Debris	377	534	293	613	503	2	2	2324
Disabled Vehicle	2396	2082	553	1469	1230	0	12	7742
Emergency Vehicles	14	6	1	4	4	0	0	29
Evacuation	0	0	0	0	0	0	0	0
Flooding	0	0	0	0	0	0	0	0
Interagency Coord.	1	0	0	0	3	0	3	7
LEO Alerts	0	0	0	0	0	0	0	0
Other	45	78	18	72	26	3	0	242
Pedestrian	3	11	3	13	12	0	0	42
Police Activity	182	228	33	96	64	0	0	603
PSA	0	0	1	0	0	0	0	1
Road Work - Emergency	2	0	0	1	1	0	0	4
Road Work - Scheduled	10	66	48	38	21	1	0	184
Silver Alert	0	59	0	0	0	0	0	59
Special Events	0	1	1	0	0	0	0	2
Vehicle Fire	8	15	4	6	5	0	0	38
Visibility	13	2	0	2	1	1	0	19
Weather	50	46	25	49	24	0	0	194
Wildlife	12	4	1	7	3	0	0	27
<b>Total Incidents</b>	<b>3436</b>	<b>3864</b>	<b>1129</b>	<b>3347</b>	<b>2818</b>	<b>29</b>	<b>18</b>	<b>14641</b>

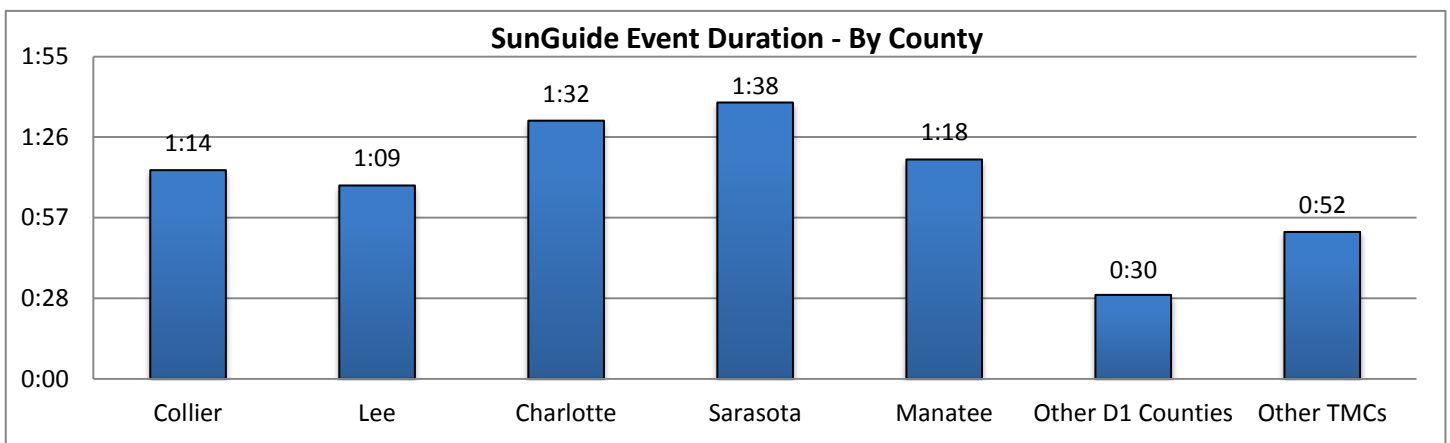
Note: Incident categories that are listed as zero are not included in the chart below.





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

	Collier County	Lee County	Charlotte County	Sarasota County	Manatee County	Other D-1 Counties	Other Dist. TMCs	All Counties
Abandoned Vehicle	9:40	6:14	8:43	9:06	8:21	0:00	8:14	8:18
Amber Alerts	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
Bridge Work	0:00	0:00	0:00	0:00	0:00	0:58	0:00	0:58
Brush Fire	6:52	9:50	1:18	0:56	0:15	2:24	0:00	5:15
Congestion	0:51	0:46	0:36	0:54	0:56	0:00	0:00	0:53
Crash	1:17	1:08	1:15	1:14	1:19	0:27	0:00	1:13
Debris	0:14	0:17	0:14	0:26	0:16	0:23	0:02	0:18
Disabled Vehicle	0:59	0:53	0:56	1:32	1:14	0:00	0:06	1:05
Emergency Vehicles	1:10	1:15	3:33	1:41	0:15	0:00	0:00	1:12
Evacuation	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
Flooding	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
Interagency Coord.	4:46	0:00	0:00	0:00	0:40	0:00	2:04	1:51
LEO Alerts	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
Other	0:40	0:15	0:09	0:24	0:17	0:05	0:00	0:21
Pedestrian	0:11	0:27	0:05	0:23	0:16	0:00	0:00	0:19
Police Activity	0:23	0:21	0:21	0:19	0:15	0:00	0:00	0:20
PSA	0:00	0:00	167:50	0:00	0:00	0:00	0:00	167:50
Road Work - Emergency	1:18	0:00	0:00	2:38	0:45	0:00	0:00	1:29
Road Work - Scheduled	4:34	4:51	6:39	5:47	3:52	1:06	0:00	5:21
Silver Alert	0:00	4:18	0:00	0:00	0:00	0:00	0:00	4:18
Special Events	0:00	2:57	4:38	0:00	0:00	0:00	0:00	3:47
Vehicle Fire	1:26	1:44	1:37	1:04	1:48	0:00	0:00	1:33
Visibility	2:43	1:49	0:00	2:45	1:44	0:00	0:00	2:25
Weather	1:58	1:27	1:27	1:23	1:25	0:00	0:00	1:33
Wildlife	0:50	0:13	0:04	0:27	0:57	0:00	0:00	0:37
<b>Total Incidents</b>	<b>1:14</b>	<b>1:09</b>	<b>1:32</b>	<b>1:38</b>	<b>1:18</b>	<b>0:30</b>	<b>0:52</b>	<b>1:20</b>





**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
7145	920	8	2:36

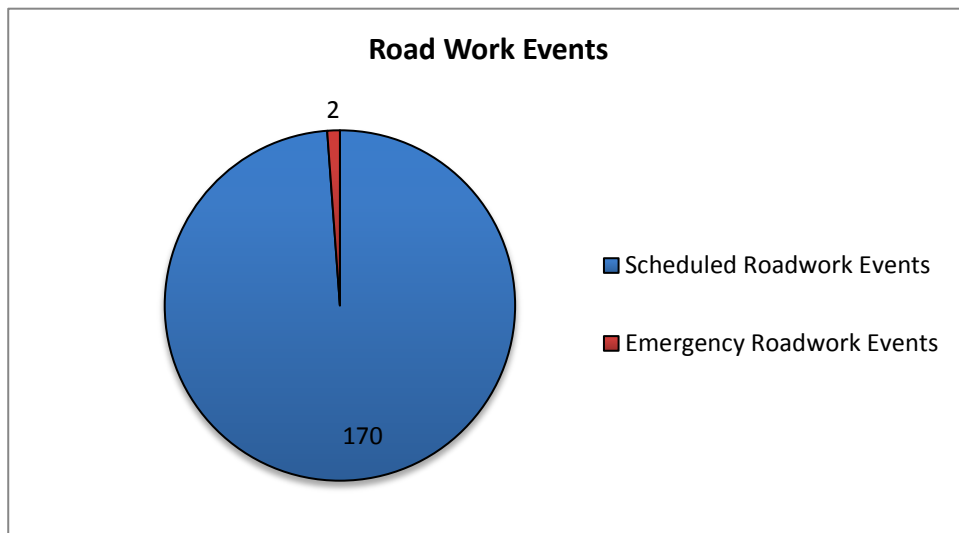
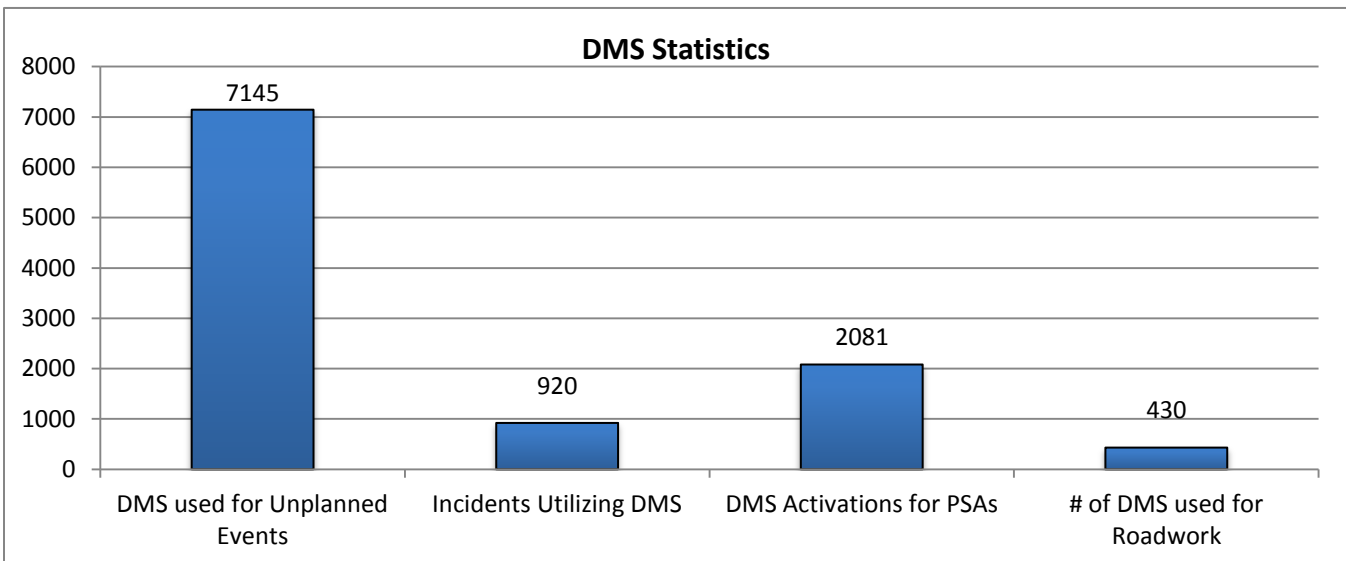
**13. PSA - DMS Activations:**

Number of Public Service Announcement DMS Activations
2081

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

Scheduled Road Work	Emergency Road Work	Total # Road Work Patterns
170	2	172
# DMS Used for Road Work		Average # of DMS/Pattern
430		3

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







**15. Event Location - Summary By Exit Reference:**

I-75 Northbound		I-75 Southbound	
Mile <49	5	Mile <49	0
Mile 49-79.9	505	Mile 49-79.9	659
Mile 80-100.9	603	Mile 80-100.9	538
Mile 101-104.9	81	Mile 101-104.9	78
Mile 105-106.9	140	Mile 105-106.9	115
Mile 107-110.9	156	Mile 107-110.9	168
Mile 111-115.9	212	Mile 111-115.9	138
Mile 116-122.9	435	Mile 116-122.9	387
Mile 123-127.9	298	Mile 123-127.9	204
Mile 128-130.9	185	Mile 128-130.9	159
Mile 131-135.9	266	Mile 131-135.9	212
Mile 136 -137.9	83	Mile 136 -137.9	60
Mile 138 -138.9	104	Mile 138 -138.9	63
Mile 139 - 140.9	208	Mile 139 - 140.9	59
Mile 141 - 142.9	113	Mile 141 - 142.9	69
Mile 143 - 157.9	442	Mile 143 - 157.9	342
Mile 158 - 160.9	91	Mile 158 - 160.9	57
Mile 161 - 163.9	94	Mile 161 - 163.9	67
Mile 164 - 166.9	61	Mile 164 - 166.9	94
Mile 167 -169.9	104	Mile 167 -169.9	97
Mile 170 - 178.9	223	Mile 170 - 178.9	184
Mile 179 - 181.9	88	Mile 179 - 181.9	64
Mile 182 - 190.9	273	Mile 182 - 190.9	269
Mile 191 - 192.9	106	Mile 191 - 192.9	76
Mile 193 - 194.9	64	Mile 193 - 194.9	64
Mile 195 -199.9	133	Mile 195 -199.9	119
Mile 200 - 204.9	234	Mile 200 - 204.9	228
Mile 205 - 206.9	171	Mile 205 - 206.9	81
Mile 207 - 209.9	145	Mile 207 - 209.9	127
Mile 210 -212.9	264	Mile 210 -212.9	160
Mile 213 - 216.9	315	Mile 213 - 216.9	246
Mile 217 - 219.9	245	Mile 217 - 219.9	207
Mile 220 - 223.9	282	Mile 220 - 223.9	224
Mile 224 -227.9	261	Mile 224 -227.9	253
Mile 228 - 228.9	56	Mile 228 - 228.9	77
Mile 229 -229.9	6	Mile 229 -229.9	7
Mile 230 - 239.9	11	Mile 230 - 239.9	7
> Mile 240	0	> Mile 240	0
<b>North Total</b>	<b>7063</b>	<b>South Total</b>	<b>5959</b>

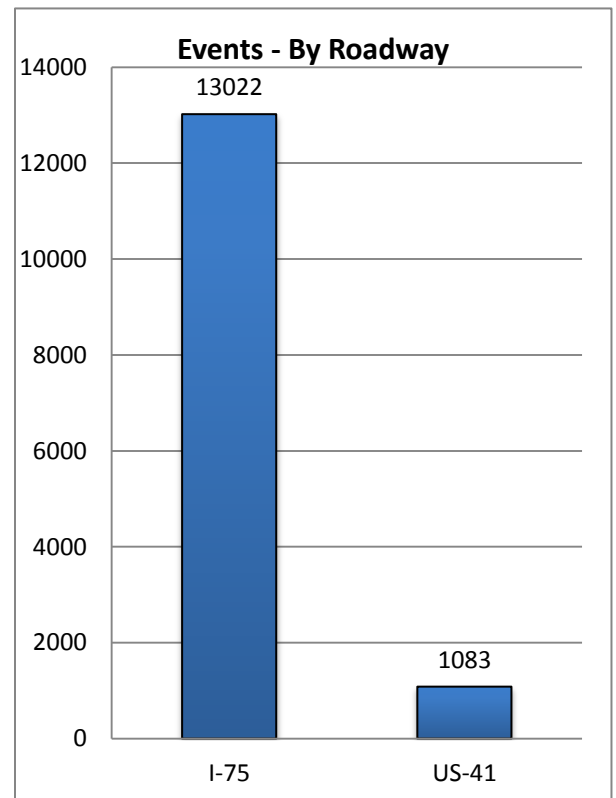
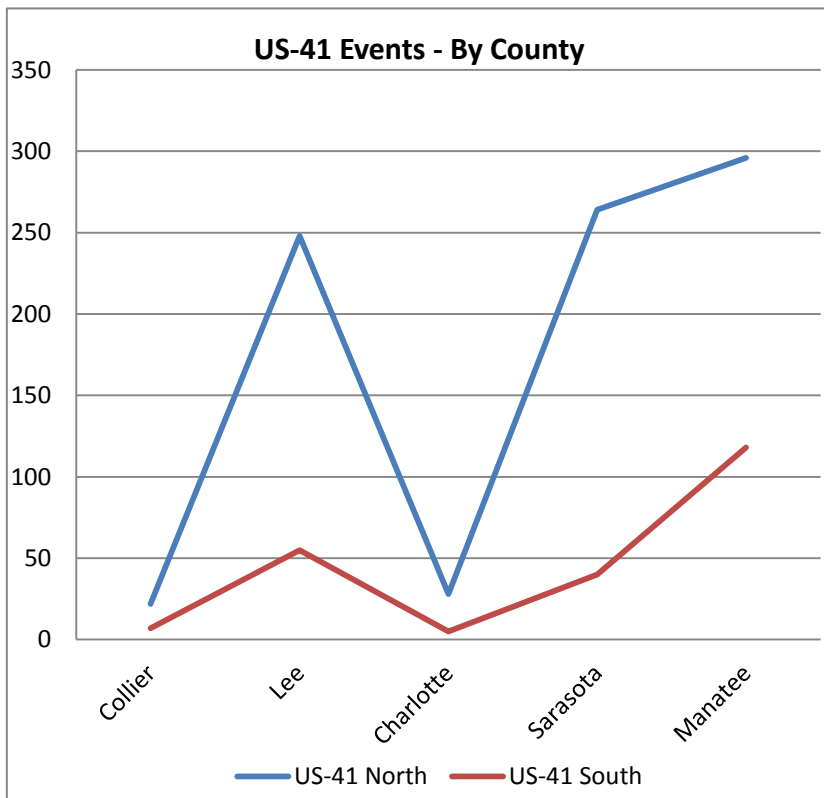
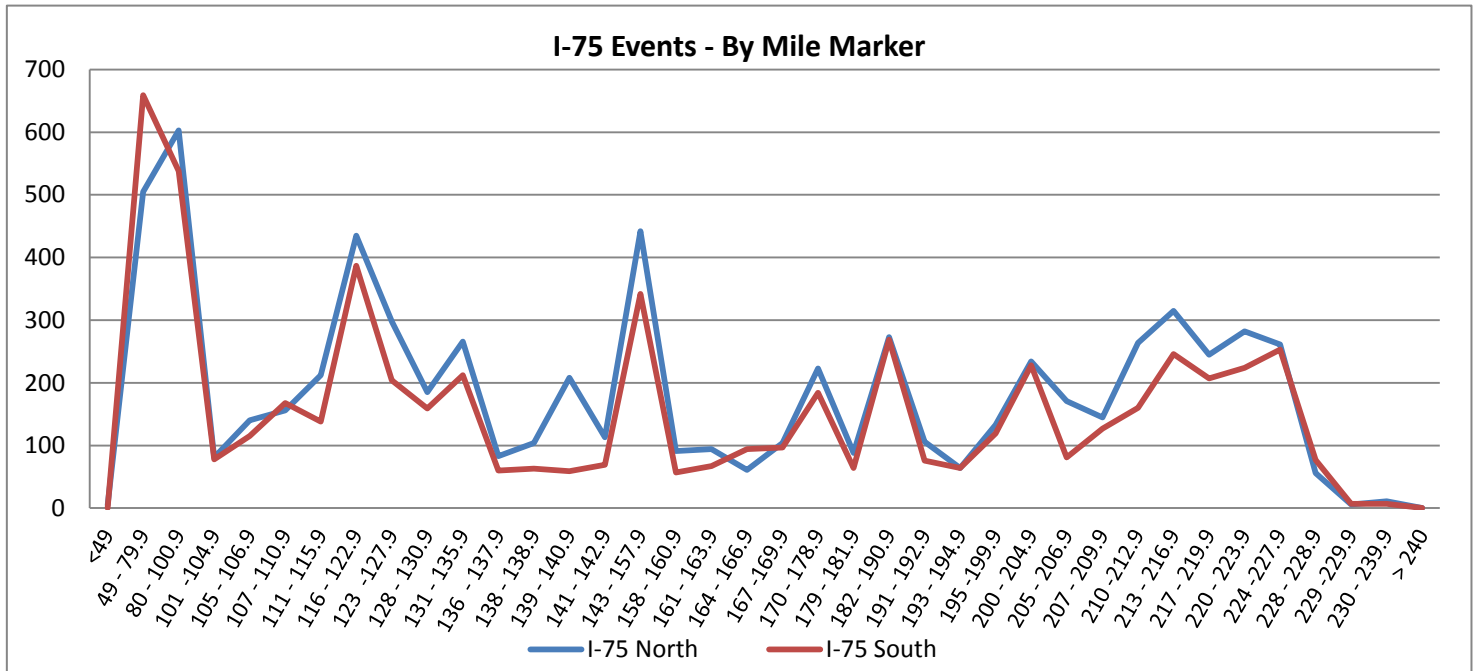
US-41 Northbound	
Collier	22
Lee	248
Charlotte	28
Sarasota	264
Manatee	296
<b>North Total</b>	<b>858</b>

US-41 Southbound	
Collier	7
Lee	55
Charlotte	5
Sarasota	40
Manatee	118
<b>South Total</b>	<b>225</b>

<b>Total Events on US-41</b>
1083

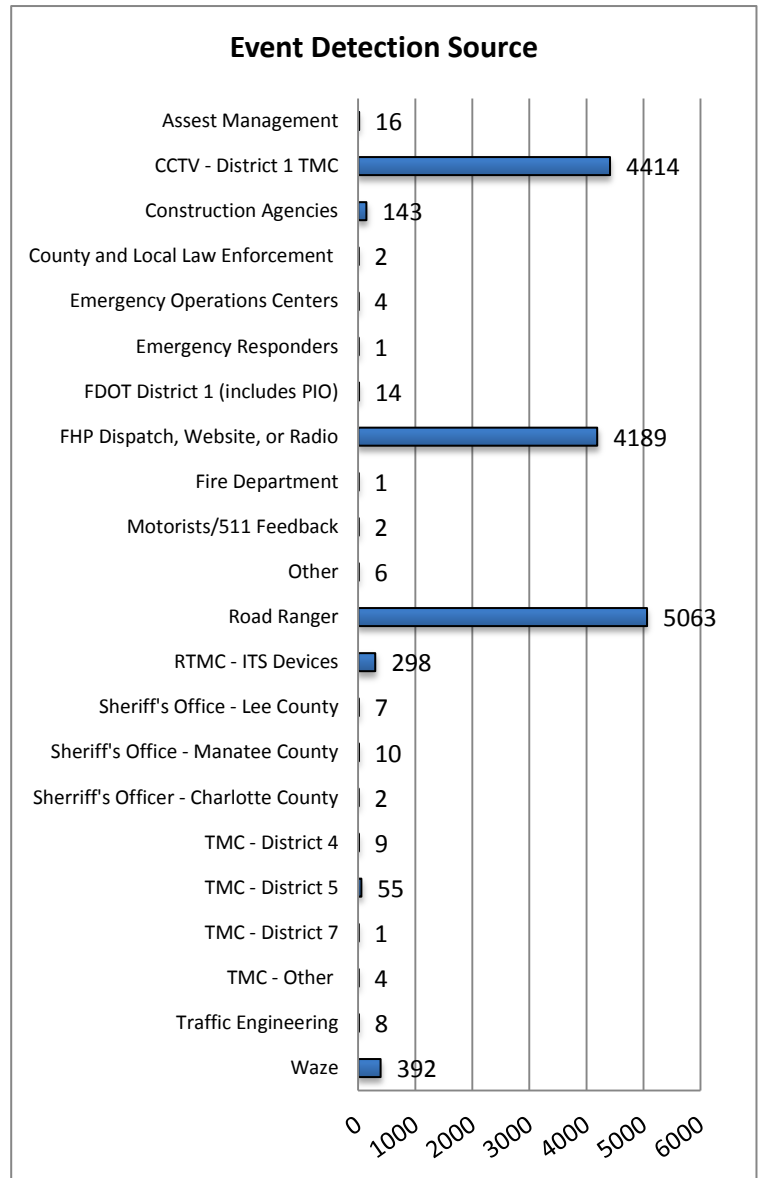
<b>Total Events on I-75</b>
13022

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





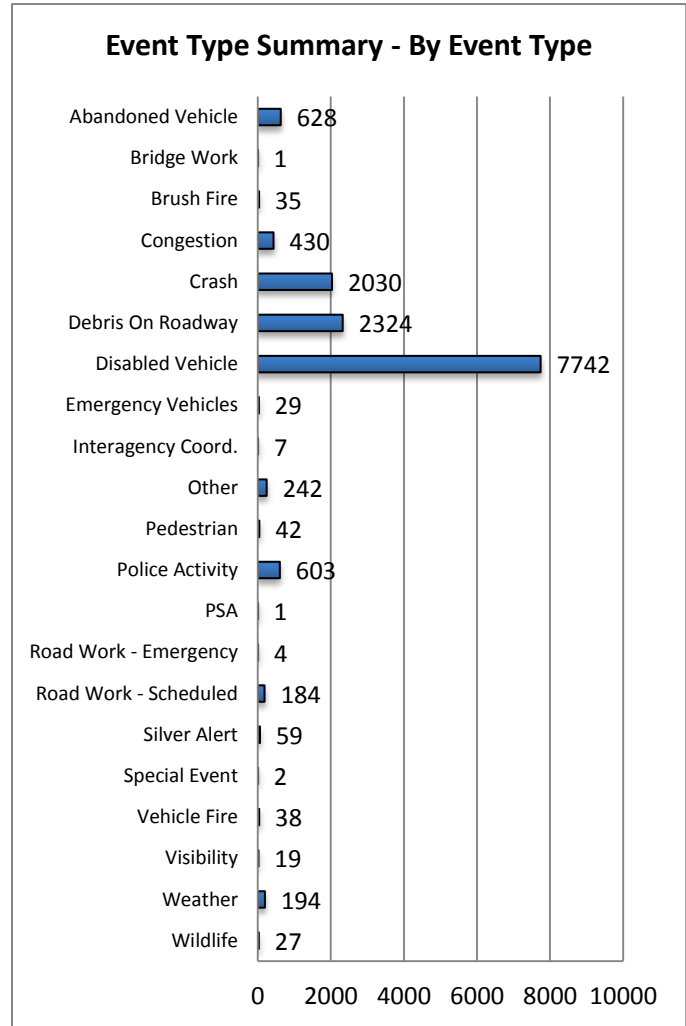
16. Event Detection Source:		
Assest Management (includes Dbi & ICA)	16	0.1%
CCTV - District 1 TMC	4414	30.1%
CCTV - Other	0	0.0%
Construction Agencies	143	1.0%
County and Local Law Enforcement	2	0.0%
Emergency Operations Centers	4	0.0%
Emergency Responders	1	0.0%
FDOT District 1 ITS Managers	0	0.0%
FDOT District 1 (includes PIO)	14	0.1%
FDOT Maintenance	0	0.0%
FHP Dispatch, Website, or Radio	4189	28.6%
FHP Incident Alerts	0	0.0%
Fire Department	1	0.0%
HazMat/DEP	0	0.0%
MCCO	0	0.0%
Media	0	0.0%
Motorists/511 Feedback	2	0.0%
Other	6	0.0%
Other Airport	0	0.0%
Other Field Personnel	0	0.0%
Road Ranger	5063	34.6%
RTMC - ITS Devices (TSS & Safety Barrier)	298	2.0%
RTMC Scanner	0	0.0%
RTMC Staff (On Scene)	0	0.0%
Sherriff's Officer - Charlotte County	2	0.0%
Sheriff's Office - Collier County	0	0.0%
Sheriff's Office - Lee County	7	0.0%
Sheriff's Office - Manatee County	10	0.1%
Sheriff's Office - Sarasota County	0	0.0%
SW Florida Internantion Airport	0	0.0%
TMC - District 4	9	0.1%
TMC - District 5	55	0.4%
TMC - District 7	1	0.0%
TMC - Other	4	0.0%
Tow Truck Companies	0	0.0%
Traffic Engineering	8	0.1%
Waze	392	2.7%
<b>Total Number of Incidents</b>	<b>14641</b>	<b>100.0%</b>



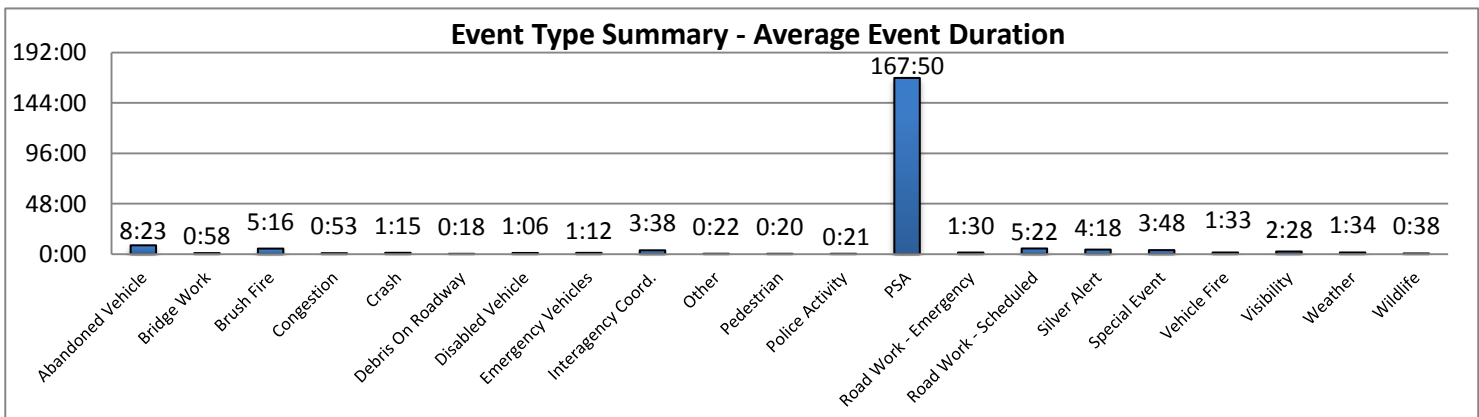
Note: Event Detection Source Categories listed as zero are not included in the above chart.



17. Event Type Summary			
Event Types	# of Events	Average On Scene Time	Average Event Duration
Abandoned Vehicle	628	1:31	8:23
Amber Alert	0	0:00	0:00
Bridge Work	1	0:00	0:58
Brush Fire	35	0:23	5:16
Congestion	430	0:01	0:53
Crash	2030	0:50	1:15
Debris On Roadway	2324	0:11	0:18
Disabled Vehicle	7742	0:21	1:06
Emergency Vehicles	29	0:52	1:12
Evacuation	0	0:00	0:00
Flooding	0	0:00	0:00
Interagency Coord.	7	0:07	3:38
LEO Alert	0	0:00	0:00
Other	242	0:08	0:22
Pedestrian	42	0:05	0:20
Police Activity	603	0:15	0:21
PSA	1	0:00	167:50
Road Work - Emergency	4	0:39	1:30
Road Work - Scheduled	184	0:08	5:22
Silver Alert	59	0:00	4:18
Special Event	2	0:00	3:48
Vehicle Fire	38	0:48	1:33
Visibility	19	0:09	2:28
Weather	194	0:00	1:34
Wildlife	27	0:30	0:38
<b>Total Events</b>	<b>14641</b>	<b>0:26</b>	<b>10:08</b>



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





### Road Ranger Information

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

\*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

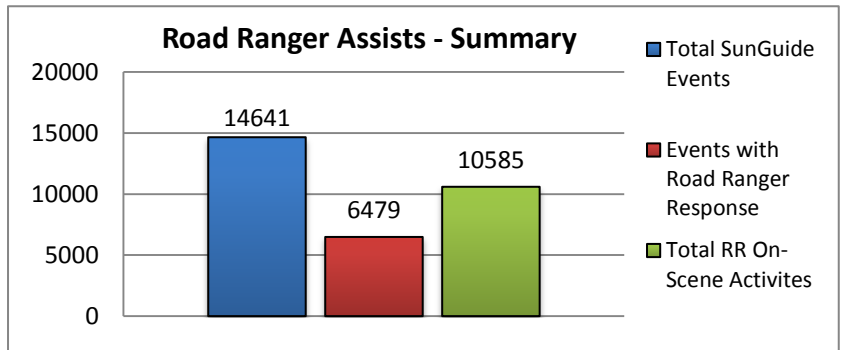
Saturday Road Rangers			
<b>RR104</b>	MM 49-80	<b>RR111</b>	MM 167-193
<b>RR103</b>	MM 80-105	<b>RR113</b>	MM 210-230
<b>RR105</b>	(Spare Truck)	<b>RR112</b>	MM 224-230
<b>RR106</b>	MM 105-123		I-275 MM 0-13
<b>RR109</b>	MM 143-170	<b>*RR113</b>	I-275 MM 0-13

\*RR 113 covers I-275 until 11 AM when RR112 arrives for District 7

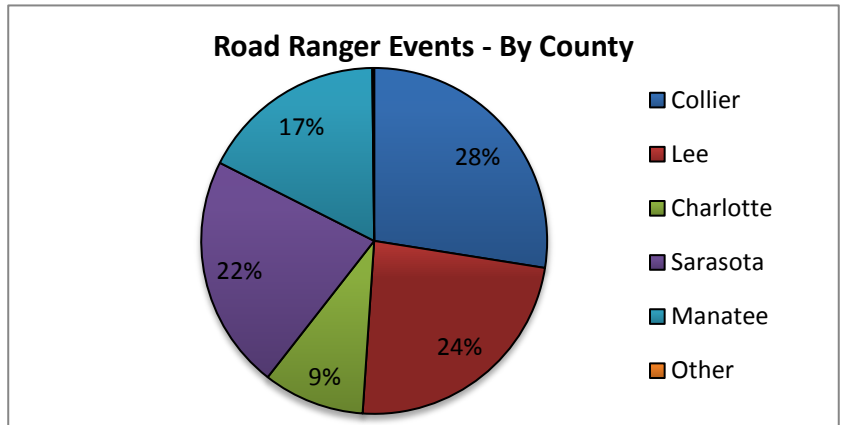
Sunday Road Rangers			
<b>RR103</b>	MM 49-80	<b>RR111</b>	MM 167-193
<b>RR104</b>	MM 80-105	<b>RR113</b>	MM 210-230
<b>RR105</b>	(Spare Truck)	<b>RR112</b>	MM 224-230
<b>RR106</b>	MM 105-123		I-275 MM 0-13
<b>RR109</b>	MM 143-170	<b>*RR113</b>	I-275 MM 0-13

\*RR 113 covers I-275 until 11 AM when RR112 arrives for District 7

18. Road Ranger Assists Summary	
Total SunGuide Events	14641
Events with Road Ranger Response	6479
Total RR On-Scene Activities	10585
Average Activities/Assisted Event	1.63
% of Events Assisted	44.25%



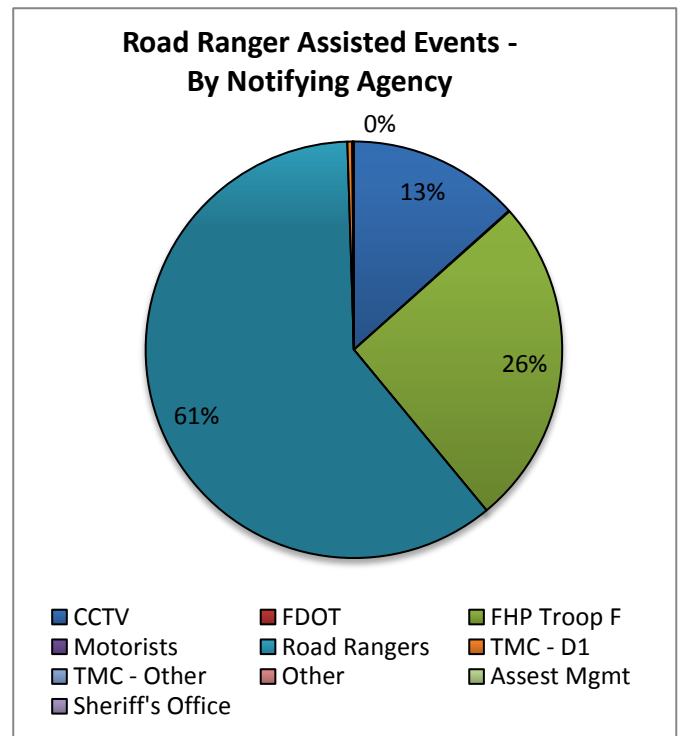
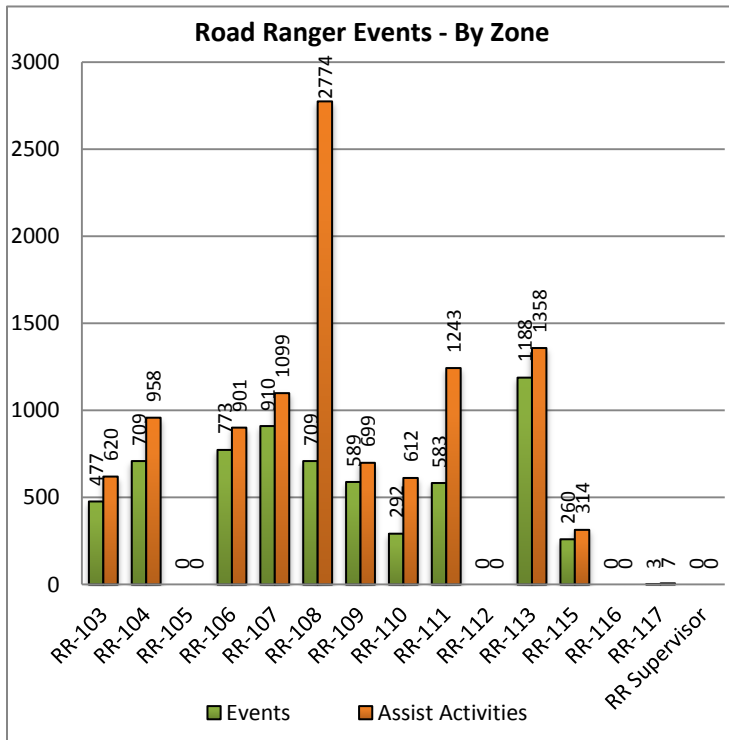
19. Road Ranger Events By County:	
District 1 Counties	Road Ranger Events
Collier	2342
Lee	2007
Charlotte	808
Sarasota	1865
Manatee	1479
Other	15
Totals	8516





20. Road Ranger Events - By Zone:		
Road Ranger Zones	Road Ranger Events	Assist Activities
RR-103	477	620
RR-104	709	958
RR-105	0	0
RR-106	773	901
RR-107	910	1099
RR-108	709	2774
RR-109	589	699
RR-110	292	612
RR-111	583	1243
RR-112	0	0
RR-113	1188	1358
RR-115	260	314
RR-116	0	0
RR-117	3	7
RR Supervisor	0	0
Totals	6493	10585

21. Road Ranger Assisted Events - By Notifying Agency:		
Notifying Agency	Number of Events	% of Events
CCTV	1118	13.1%
FDOT	5	0.1%
FHP Troop F	2140	25.1%
Motorists	0	0.0%
Road Rangers	5058	59.4%
TMC - D1	32	0.4%
TMC - Other	3	0.0%
Other	1	0.0%
Assest Mgmt	6	0.1%
Sheriff's Office	0	0.0%
Waze	153	1.8%
Totals	8516	100.0%

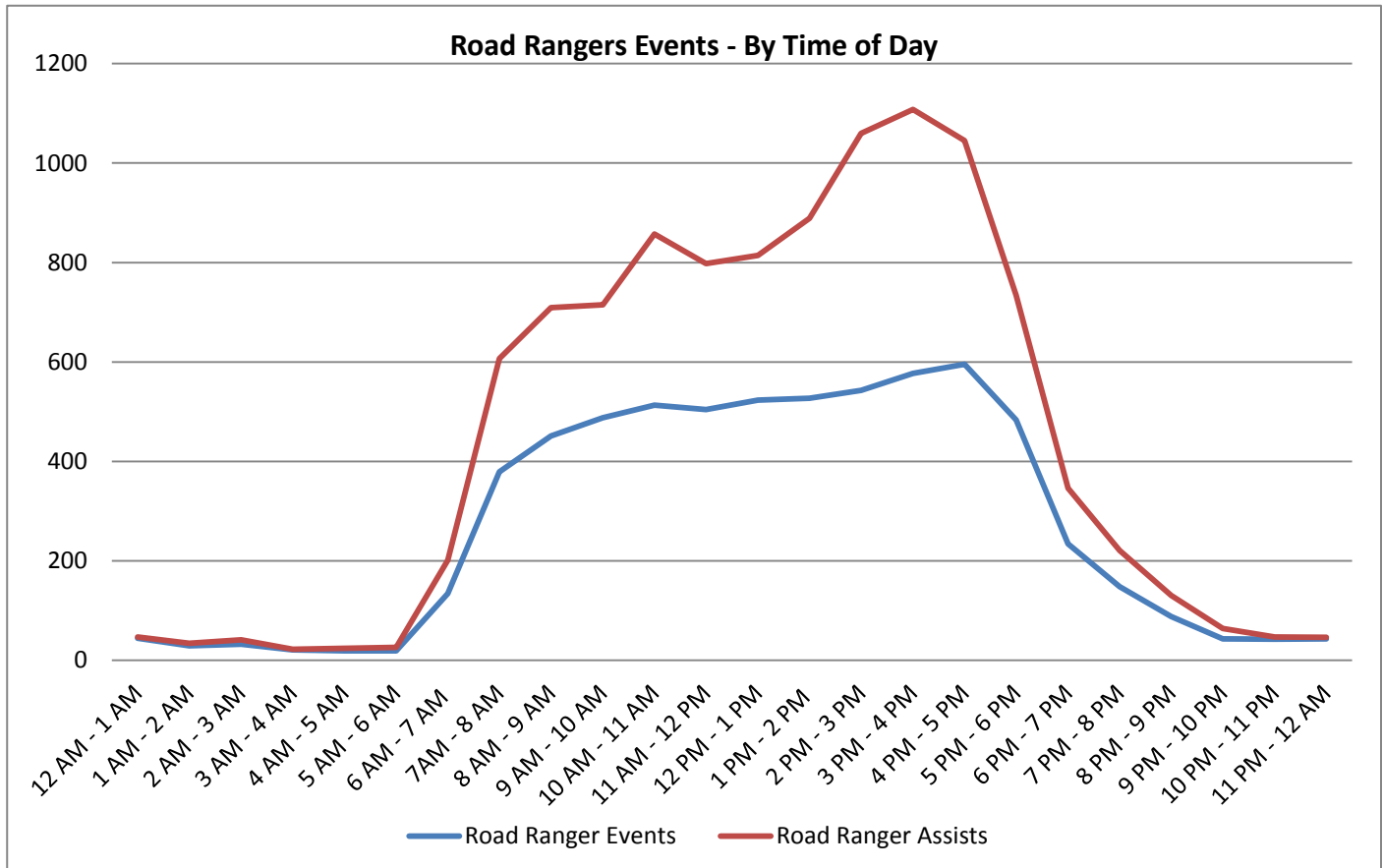




**22. Road Ranger Assisted Events -  
By Time of Day:**

Time of Day	RR Events	RR Assists
12 AM - 1 AM	44	47
1 AM - 2 AM	29	34
2 AM - 3 AM	32	41
3 AM - 4 AM	21	22
4 AM - 5 AM	19	24
5 AM - 6 AM	19	26
6 AM - 7 AM	134	201
7 AM - 8 AM	379	607
8 AM - 9 AM	451	709
9 AM - 10 AM	488	715
10 AM - 11 AM	513	857
11 AM - 12 PM	504	798

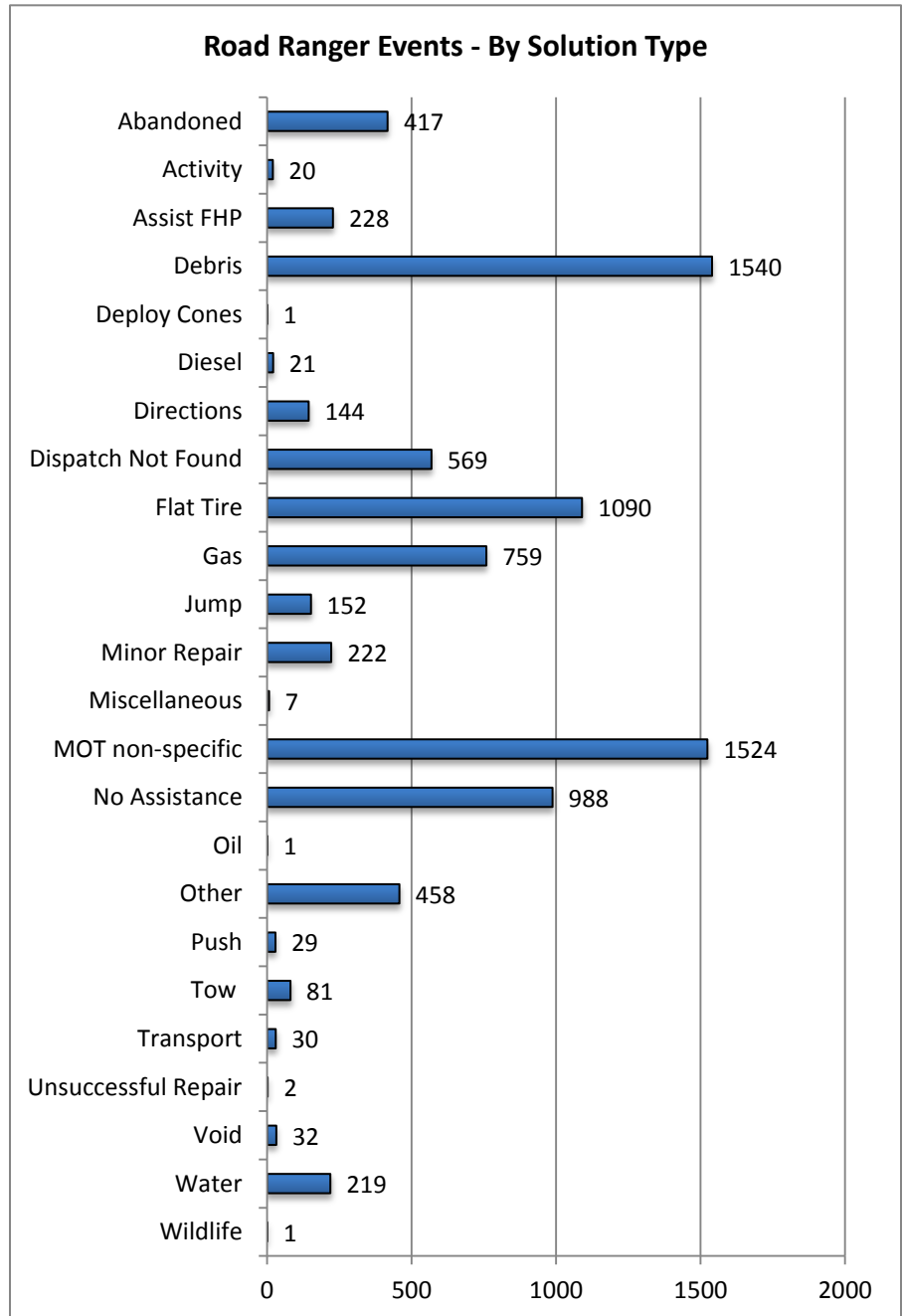
Time of Day	RR Events	RR Assists
12 PM - 1 PM	523	814
1 PM - 2 PM	527	889
2 PM - 3 PM	543	1060
3 PM - 4 PM	577	1108
4 PM - 5 PM	595	1045
5 PM - 6 PM	483	734
6 PM - 7 PM	234	346
7 PM - 8 PM	148	221
8 PM - 9 PM	88	130
9 PM - 10 PM	43	64
10 PM - 11 PM	42	47
11 PM - 12 AM	43	46
<b>Totals</b>	<b>6479</b>	<b>10585</b>







23. Road Ranger Events - By Solution Type:	
Problem Type	# of Assists
Abandoned	550
Absorbant	0
Activity	18
Assist FHP	356
Bleach	0
Cold Patch Asphalt	0
Debris	2179
Deploy Cones	0
Diesel	29
Directions	156
Dispatch Not Found	589
Flare	2
Flat Tire	1339
Flood Lamp	0
Gas	706
Jump	153
Livestock	0
Lockout	0
Minor Repair	316
Miscellaneous	1
MOT non-specific	2097
No Assistance	963
Oil	0
Other	658
Phone	1
Portland Cement	0
Push	43
Radio	0
Tow	85
Translate	0
Transmission Fluid	0
Transport	35
Turbo Flare	0
Unsuccessful Repair	0
Void	23
Water	286
Wildlife	0
<b>Total Assist Activities</b>	<b>10585</b>



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