



This is the FDOT District 1 Swift SunGuide Center Quarterly Operations Report, for First Quarter 2014. 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:

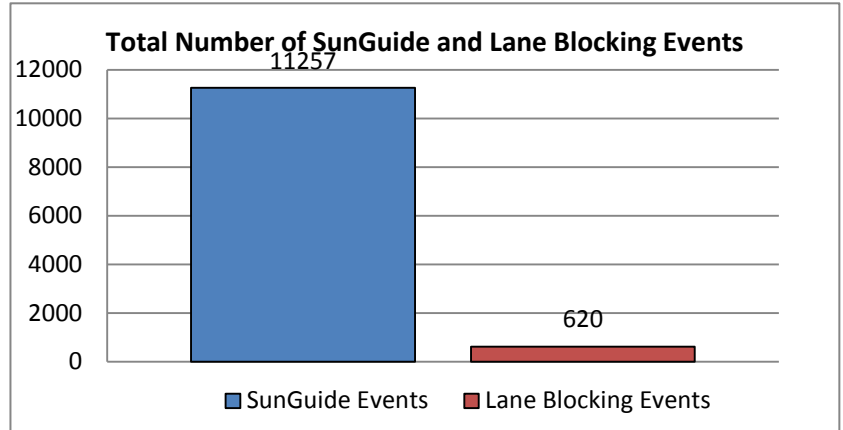
- Level 1* - Incidents of any duration that do not close travel lanes (shoulder incidents, delays, event delays, etc.) or the "Start Time" to "Clear Time" duration of a lane closing (not road closing) incident is estimated to be < 30 minutes.
- Level 2* - The "Start Time" to "Clear Time" duration of 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.



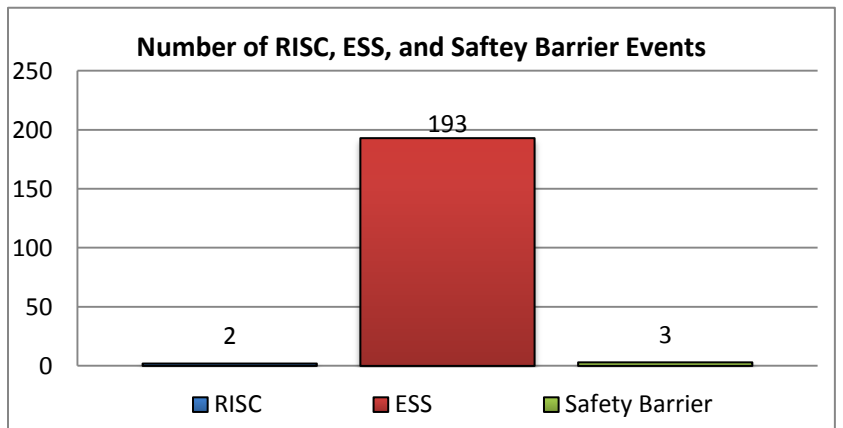
1. Total Number of SunGuide Events:	
	11257

2. Number of Lane Blocking Events:	
	620



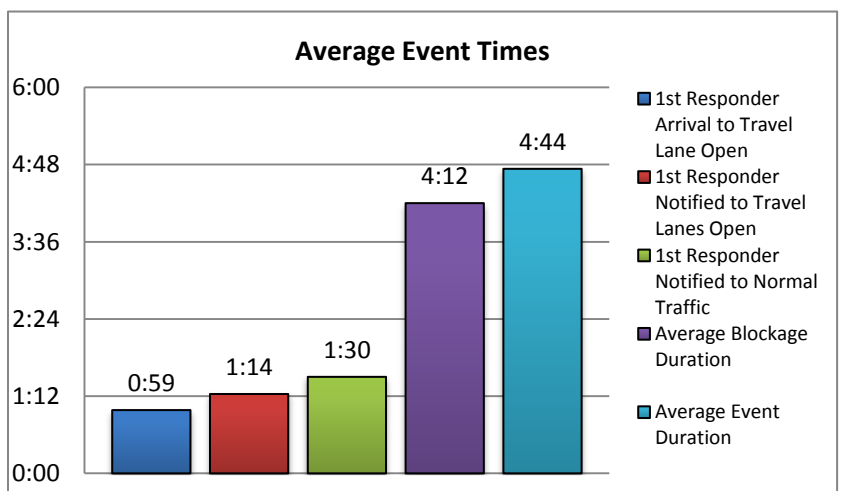
3. Number of RISC Events:	
	2

4. Number of ESS Events:	
	193



5. Events from a Safety Barrier Alert:	
	3

6. Average Open Roads Policy & Normal Traffic Times for I-75 Incidents	
Average Incident Duration From First Responder Arrival to Travel Lane Open	0:59
Average Incident Duration From First Responder Notified to Travel Lane Open	1:14
Average Incident Duration From First Responder Notified to Normal Traffic	1:30



7. Average Blockage/Event Duration - For All Lane Blocking Events	
Number of Events	11257
Number of Lane Blocking Events	620
Number of Secondary Incidents	51
Average Blockage Duration	4:12
Average Event Duration	4:44

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.



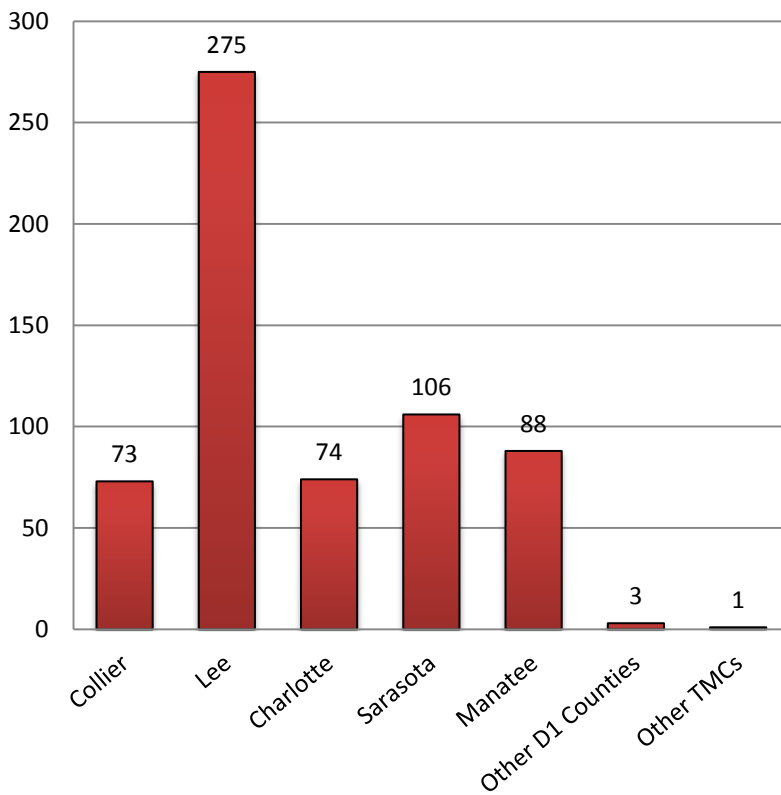
8. Lane Blocking Incidents - By County and Roadway:

Roadways	Collier County	Lee County	Charlotte County	Sarasota County	Manatee County	Other Dist 1 Counties
I-75	54	225	58	76	36	-
US-41	19	43	16	28	49	-
I-275	-	-	-	-	0	-
Arterials	0	7	0	2	3	3
Total Incidents	73	275	74	106	88	3

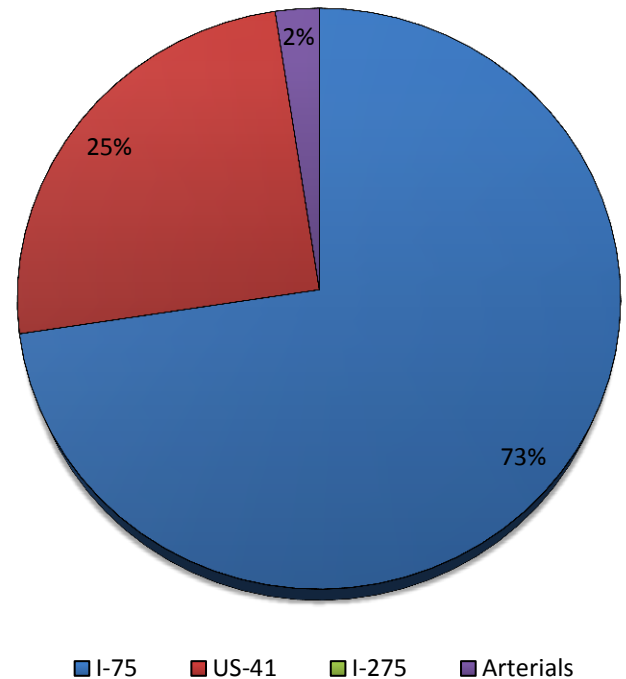
Roadways	District 7* TMC	District 6* TMC	District 4* TMC	FL Turnpike* TMC	Total Incidents By Roadway
I-75	0	0	1	-	450
US-41	0	0	-	-	155
I-275	0	-	-	-	0
Arterials	0	0	0	0	15
Total Incidents	0	0	1	0	620

*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



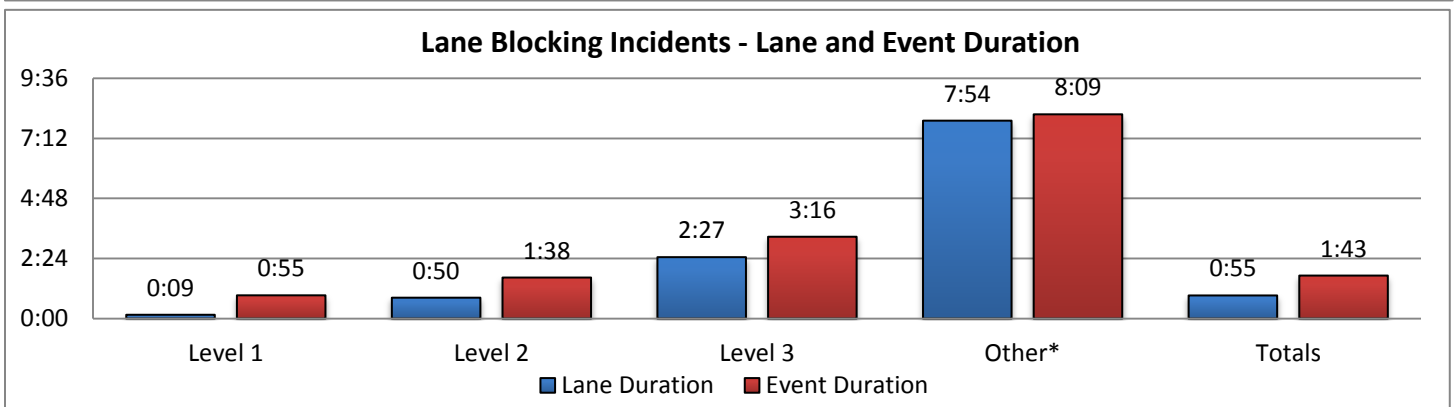
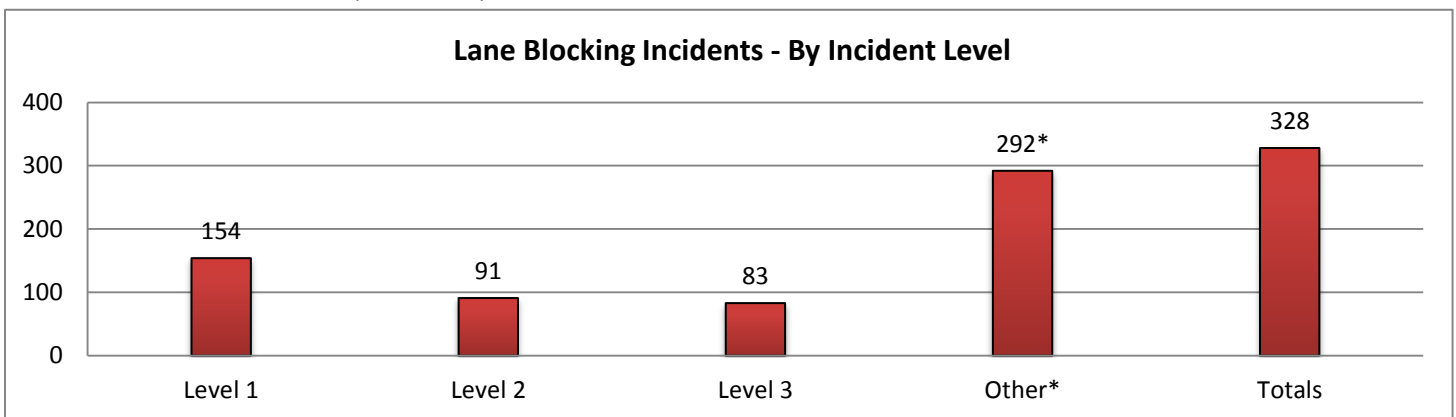


9. LANE BLOCKING INCIDENTS - By Incident Level:

	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	30	0:09	0:57	55	0:08	0:56	19	0:06	0:54	32	0:11	0:58
Level 2	13	0:53	1:09	29	0:38	1:25	9	1:15	2:26	28	0:47	1:50
Level 3	15	1:05	2:15	23	2:20	3:01	8	0:57	1:49	19	3:17	3:54
Other*	15*	3:00	3:27	168*	9:49	10:02	6*	4:36	6:18	59*	5:23	5:29
Totals	58	0:33	1:19	107	0:44	1:30	36	0:34	1:29	79	1:08	1:58

	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	17	0:13	0:52	0	0:00	0:00	1	0:14	0:37	154	0:09	0:55
Level 2	12	1:05	1:40	0	0:00	0:00	0	0:00	0:00	91	0:50	1:38
Level 3	15	3:11	4:07	3	5:22	5:58	0	0:00	0:00	83	2:27	3:16
Other*	44*	6:08	6:28	0*	0:00	0:00	0*	0:00	0:00	292*	7:54	8:09
Totals	44	1:27	2:11	3	5:22	5:58	1	0:14	0:37	328	0:55	1:43

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

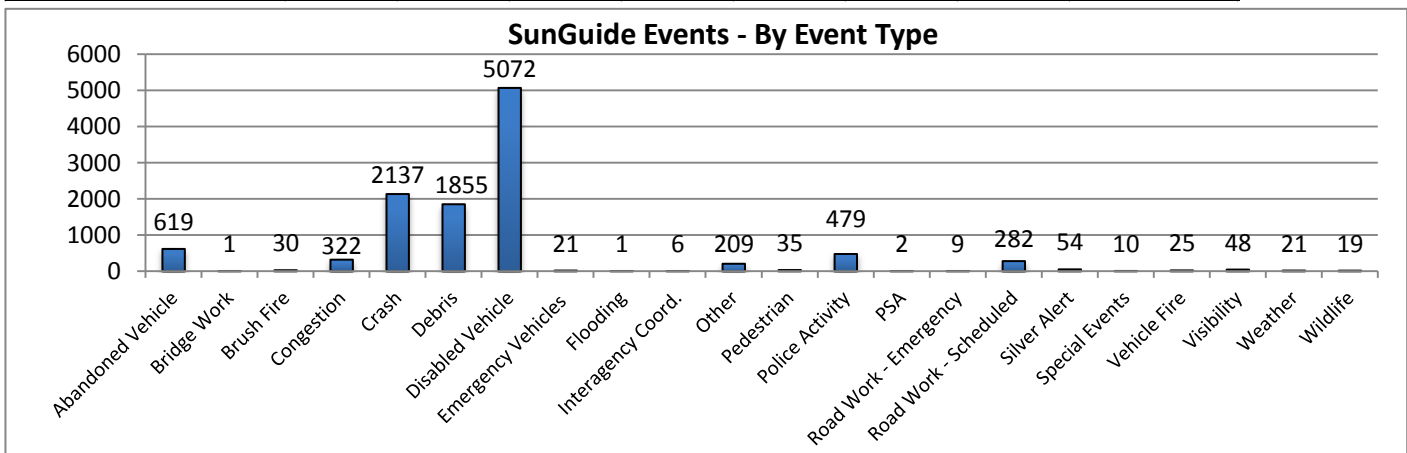




10. SunGuide Events - by Event Type:

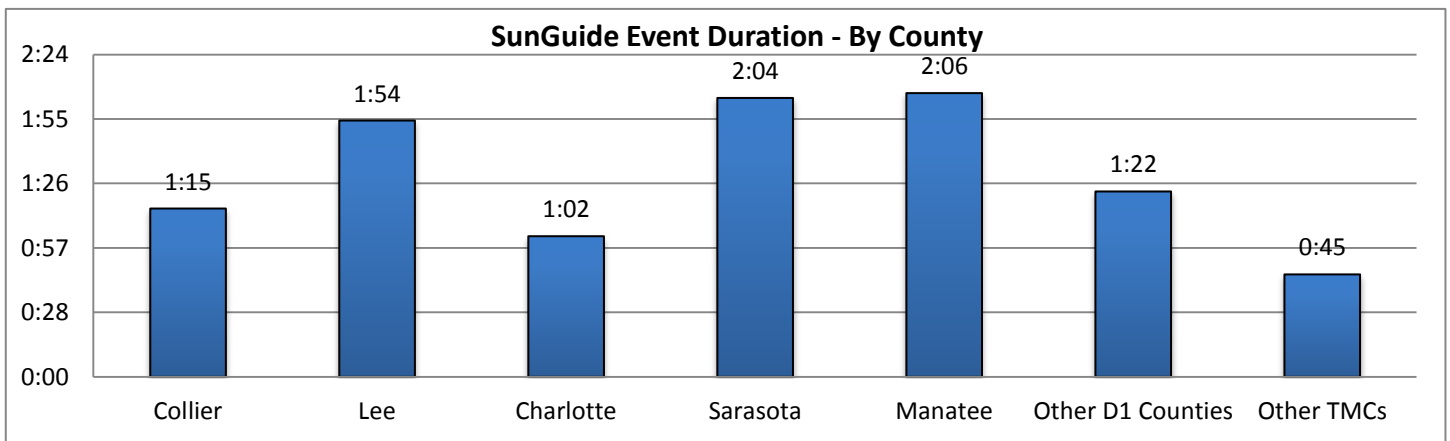
Incidents	Collier County	Lee County	Charlotte County	Sarasota County	Manatee County	Other D-1 Counties	Other Dist. TMCs	Total # of Events
Abandoned Vehicle	130	169	57	166	95	0	2	619
Amber Alerts	0	0	0	0	0	0	0	0
Bridge Work	0	1	0	0	0	0	0	1
Brush Fire	9	10	1	7	2	1	0	30
Congestion	53	178	11	41	39	0	0	322
Crash	231	595	102	665	529	14	1	2137
Debris	362	359	347	497	287	0	3	1855
Disabled Vehicle	1859	1358	579	691	569	3	13	5072
Emergency Vehicles	11	3	1	3	2	0	1	21
Evacuation	0	0	0	0	0	0	0	0
Flooding	0	0	0	1	0	0	0	1
Interagency Coord.	0	0	0	0	6	0	0	6
LEO Alerts	0	0	0	0	0	0	0	0
Other	30	46	30	71	30	1	1	209
Pedestrian	8	3	2	13	9	0	0	35
Police Activity	235	178	60	4	2	0	0	479
PSA	0	2	0	0	0	0	0	2
Road Work - Emergency	2	0	0	4	3	0	0	9
Road Work - Scheduled	19	157	6	58	42	0	0	282
Silver Alert	0	54	0	0	0	0	0	54
Special Events	0	6	0	1	0	3	0	10
Vehicle Fire	3	9	2	5	6	0	0	25
Visibility	8	30	5	3	2	0	0	48
Weather	2	8	5	2	4	0	0	21
Wildlife	9	3	1	5	1	0	0	19
Total Incidents	2971	3169	1209	2237	1628	22	21	11257

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	8:36	7:30	7:49	13:40	12:11	0:00	4:30	10:07
Amber Alerts	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
Bridge Work	0:00	0:14	0:00	0:00	0:00	0:00	0:00	0:14
Brush Fire	1:15	0:23	0:24	1:17	0:20	2:05	0:00	0:54
Congestion	0:33	0:56	0:32	1:29	1:53	0:00	0:00	1:02
Crash	0:56	1:02	1:08	1:09	1:18	0:30	3:21	1:07
Debris	0:19	0:18	0:10	0:20	0:18	0:00	0:05	0:17
Disabled Vehicle	1:04	0:59	0:55	1:24	1:48	1:02	0:11	1:09
Emergency Vehicles	0:58	1:01	2:02	1:33	0:07	0:00	0:37	1:00
Evacuation	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
Flooding	0:00	0:00	0:00	2:21	0:00	0:00	0:00	2:21
Interagency Coord.	0:00	0:00	0:00	0:00	9:42	0:00	0:00	9:42
LEO Alerts	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
Other	0:51	0:14	0:32	0:15	0:27	0:11	0:16	0:24
Pedestrian	0:06	0:04	0:09	0:15	0:07	0:00	0:00	0:09
Police Activity	0:26	0:36	0:25	0:08	4:28	0:00	0:00	0:30
PSA	0:00	159:19	0:00	0:00	0:00	0:00	0:00	159:19
Road Work - Emergency	1:06	0:00	0:00	10:41	11:30	0:00	0:00	8:49
Road Work - Scheduled	3:29	10:30	6:18	5:34	6:34	0:00	0:00	8:20
Silver Alert	0:00	4:01	0:00	0:00	0:00	0:00	0:00	4:01
Special Events	0:00	6:16	0:00	1:44	0:00	5:58	0:00	5:43
Vehicle Fire	1:49	1:16	1:48	1:04	1:03	0:00	0:00	1:17
Visibility	2:58	5:27	2:28	0:32	1:45	0:00	0:00	4:15
Weather	2:48	4:18	2:32	0:32	1:52	0:00	0:00	2:54
Wildlife	1:05	0:08	0:05	1:05	0:19	0:00	0:00	0:50
Total Incidents	1:15	1:54	1:02	2:04	2:06	1:22	0:45	1:42





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
4022	474	8	3:24

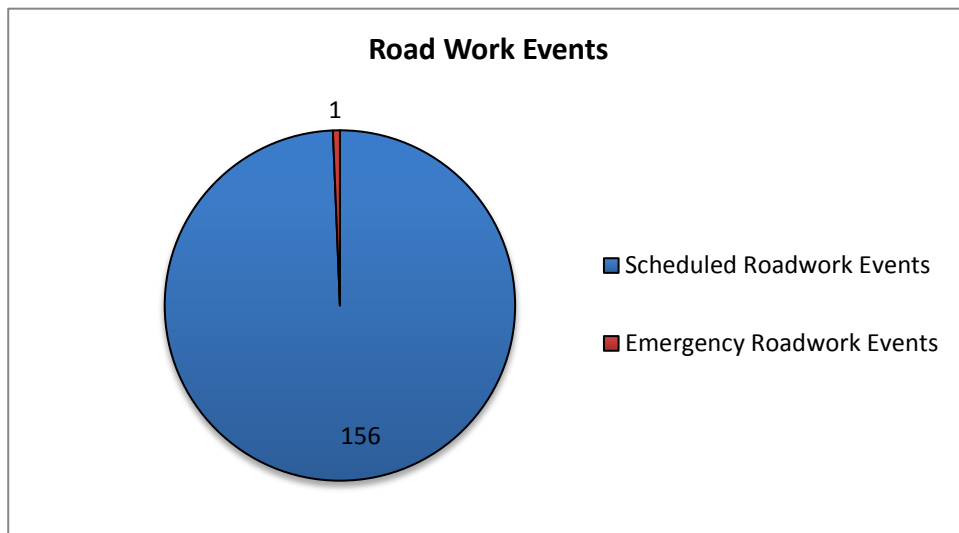
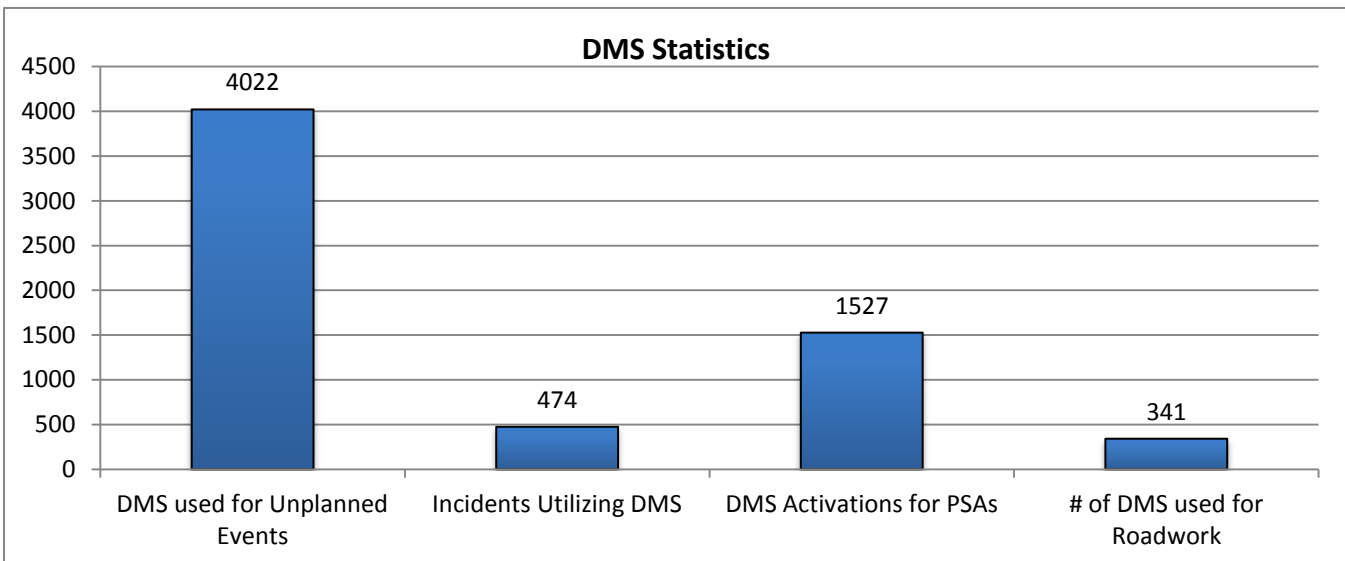
13. PSA - DMS Activations:

Number of Public Service Announcement DMS Activations
1527

14. Road Work - DMS Statistics:

Scheduled Road Work	Emergency Road Work	Total # Road Work Patterns
156	1	157
# DMS Used for Road Work		Average # of DMS/Pattern
341		2

* 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	2	Mile <49	0
Mile 49-79.9	487	Mile 49-79.9	555
Mile 80-100.9	499	Mile 80-100.9	318
Mile 101-104.9	68	Mile 101-104.9	86
Mile 105-106.9	96	Mile 105-106.9	84
Mile 107-110.9	170	Mile 107-110.9	171
Mile 111-115.9	168	Mile 111-115.9	152
Mile 116-122.9	343	Mile 116-122.9	287
Mile 123-127.9	196	Mile 123-127.9	151
Mile 128-130.9	161	Mile 128-130.9	131
Mile 131-135.9	286	Mile 131-135.9	232
Mile 136 -137.9	83	Mile 136 -137.9	62
Mile 138 -138.9	120	Mile 138 -138.9	54
Mile 139 - 140.9	59	Mile 139 - 140.9	68
Mile 141 - 142.9	95	Mile 141 - 142.9	75
Mile 143 - 157.9	326	Mile 143 - 157.9	343
Mile 158 - 160.9	96	Mile 158 - 160.9	69
Mile 161 - 163.9	99	Mile 161 - 163.9	74
Mile 164 - 166.9	65	Mile 164 - 166.9	92
Mile 167 -169.9	82	Mile 167 -169.9	69
Mile 170 - 178.9	136	Mile 170 - 178.9	154
Mile 179 - 181.9	62	Mile 179 - 181.9	44
Mile 182 - 190.9	183	Mile 182 - 190.9	182
Mile 191 - 192.9	62	Mile 191 - 192.9	59
Mile 193 - 194.9	51	Mile 193 - 194.9	43
Mile 195 -199.9	103	Mile 195 -199.9	69
Mile 200 - 204.9	99	Mile 200 - 204.9	111
Mile 205 - 206.9	57	Mile 205 - 206.9	57
Mile 207 - 209.9	94	Mile 207 - 209.9	80
Mile 210 -212.9	178	Mile 210 -212.9	106
Mile 213 - 216.9	156	Mile 213 - 216.9	193
Mile 217 - 219.9	124	Mile 217 - 219.9	117
Mile 220 - 223.9	113	Mile 220 - 223.9	108
Mile 224 -227.9	107	Mile 224 -227.9	112
Mile 228 - 228.9	38	Mile 228 - 228.9	35
Mile 229 -229.9	5	Mile 229 -229.9	6
Mile 230 - 239.9	11	Mile 230 - 239.9	2
> Mile 240	0	> Mile 240	0
North Total	5080	South Total	4551

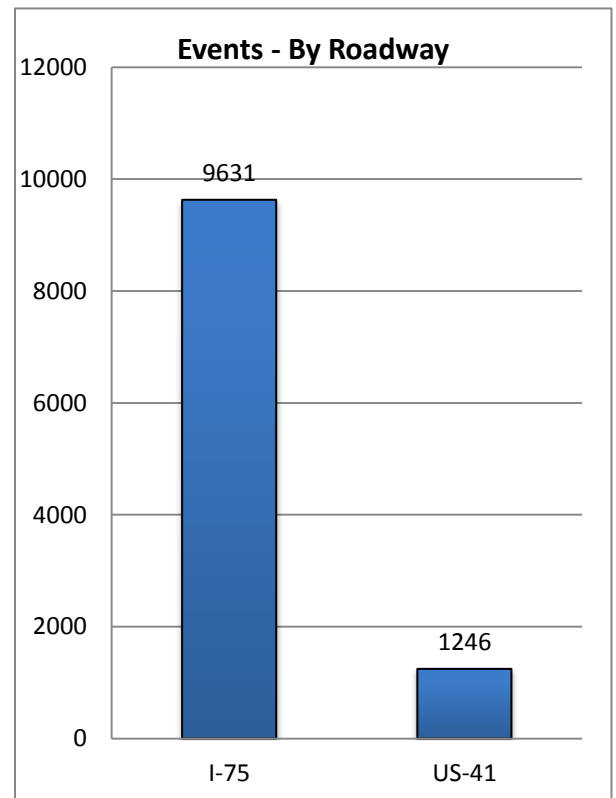
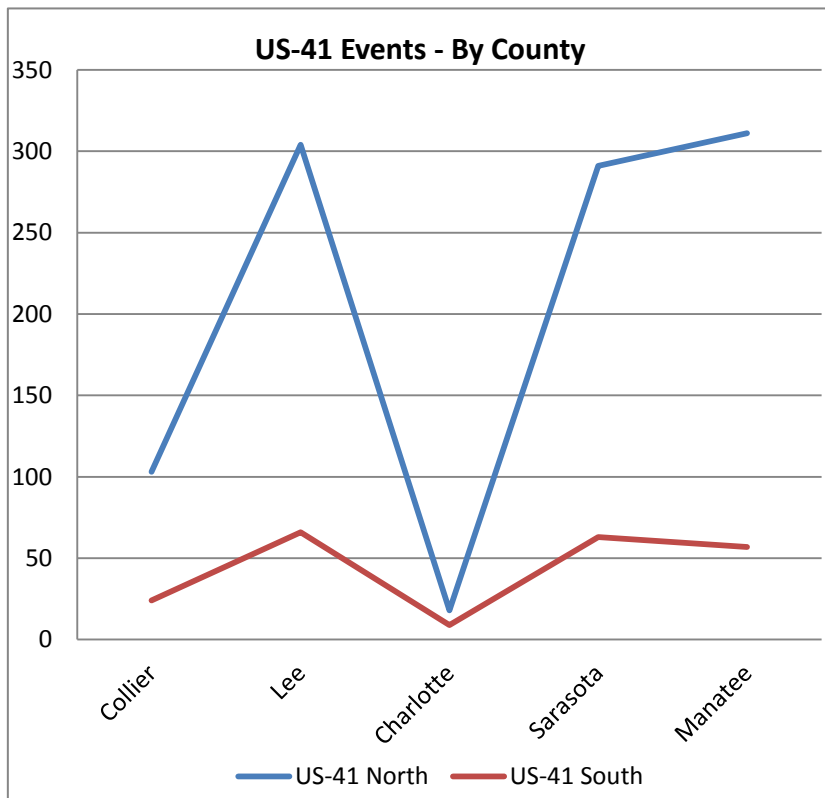
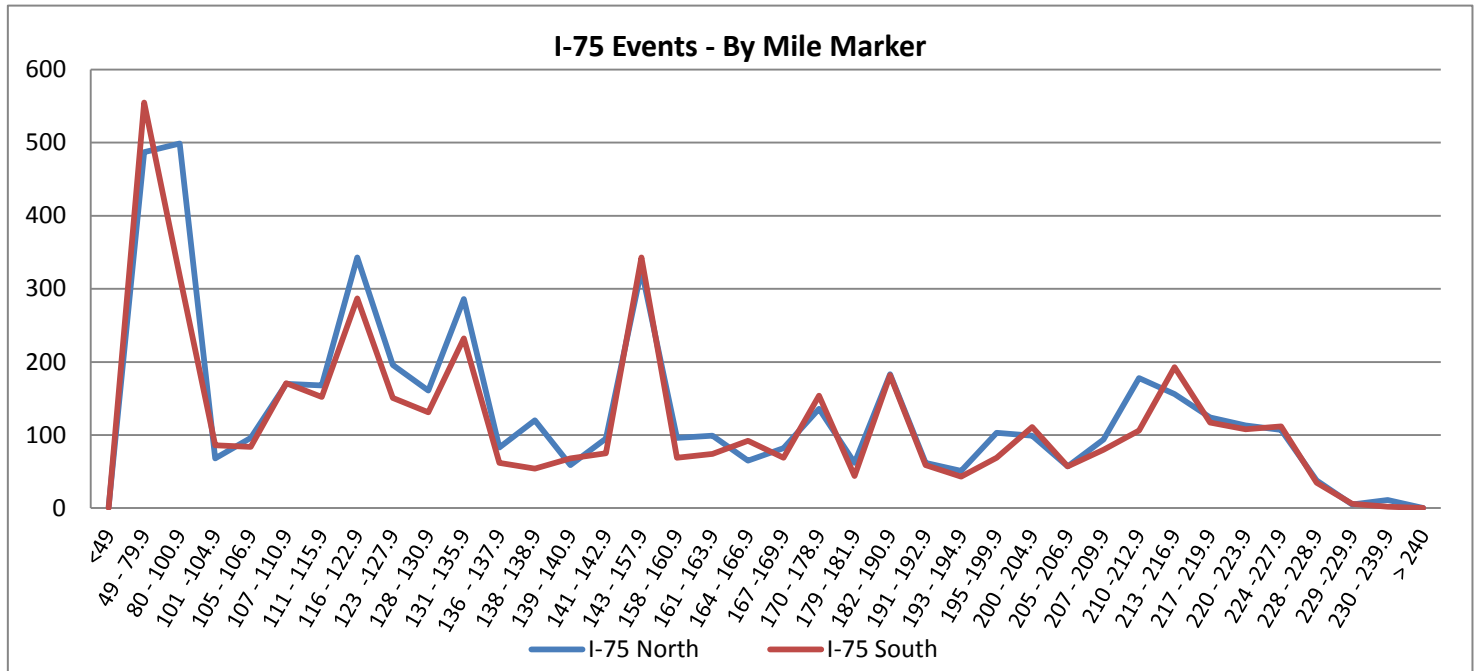
US-41 Northbound	
Collier	103
Lee	304
Charlotte	18
Sarasota	291
Manatee	311
North Total	1027

US-41 Southbound	
Collier	24
Lee	66
Charlotte	9
Sarasota	63
Manatee	57
South Total	219

Total Events on US-41
1246

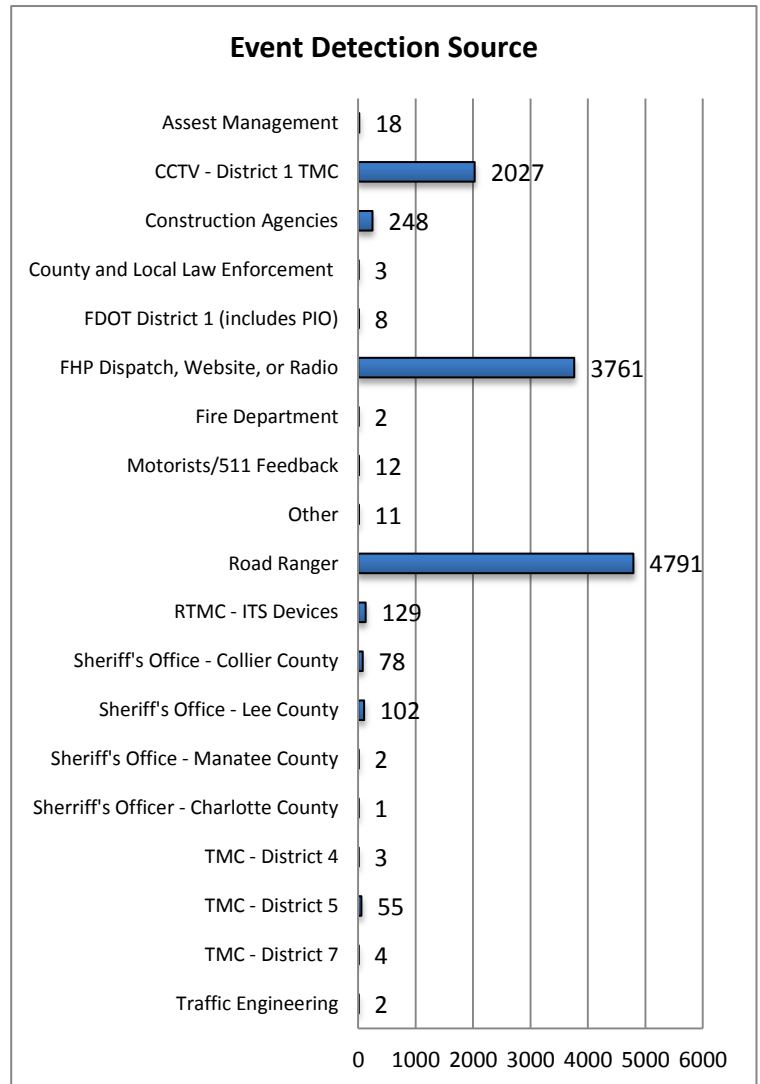
Total Events on I-75
9631

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





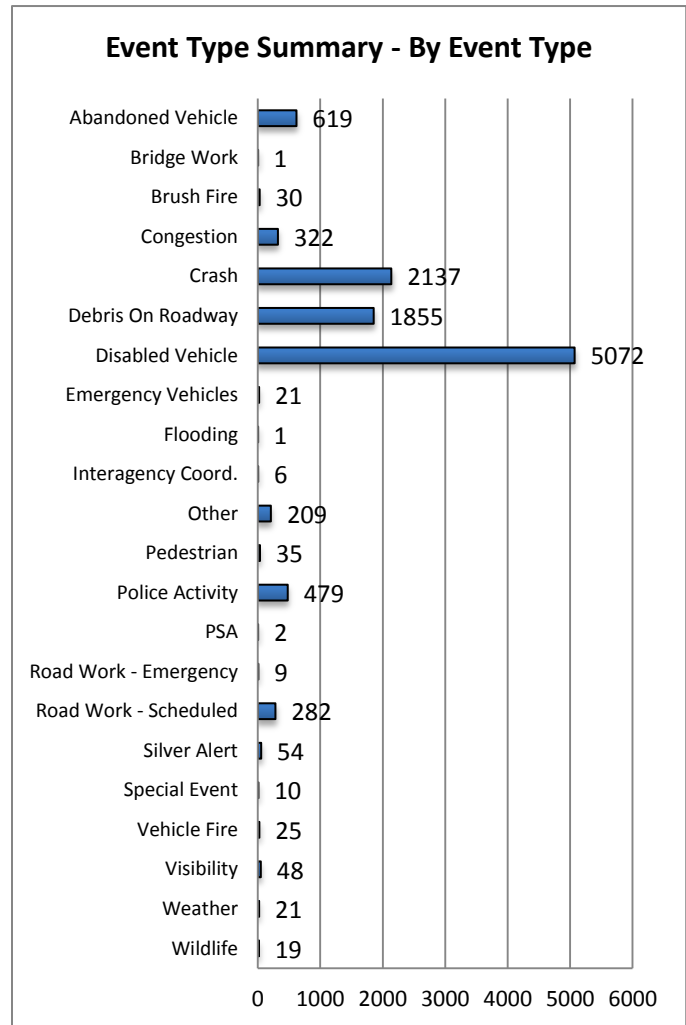
16. Event Detection Source:		
Assest Management (includes Dbi & ICA)	18	0.2%
CCTV - District 1 TMC	2027	18.0%
CCTV - Other	0	0.0%
Construction Agencies	248	2.2%
County and Local Law Enforcement	3	0.0%
Emergency Operations Center	0	0.0%
Emergency Operations Center-Lee	0	0.0%
FDOT District 1 ITS Managers	0	0.0%
FDOT District 1 (includes PIO)	8	0.1%
FDOT Maintenance	0	0.0%
FHP Dispatch, Website, or Radio	3761	33.4%
FHP Incident Alerts	0	0.0%
Fire Department	2	0.0%
HazMat/DEP	0	0.0%
MCCO	0	0.0%
Media	0	0.0%
Motorists/511 Feedback	12	0.1%
Other	11	0.1%
Other Airport	0	0.0%
Other Field Personnel	0	0.0%
Road Ranger	4791	42.6%
RTMC - ITS Devices (TSS & Safety Barrier)	129	1.1%
RTMC Scanner	0	0.0%
RTMC Staff (On Scene)	0	0.0%
Sherriff's Officer - Charlotte County	1	0.0%
Sheriff's Office - Collier County	78	0.7%
Sheriff's Office - Lee County	102	0.9%
Sheriff's Office - Manatee County	2	0.0%
Sheriff's Office - Sarasota County	0	0.0%
SW Florida Internantion Airport	0	0.0%
TMC - District 4	3	0.0%
TMC - District 5	55	0.5%
TMC - District 7	4	0.0%
TMC - Other Districts	0	0.0%
Tow Truck Companies	0	0.0%
Traffic Engineering	2	0.0%
Total Number of Incidents	11257	100.0%



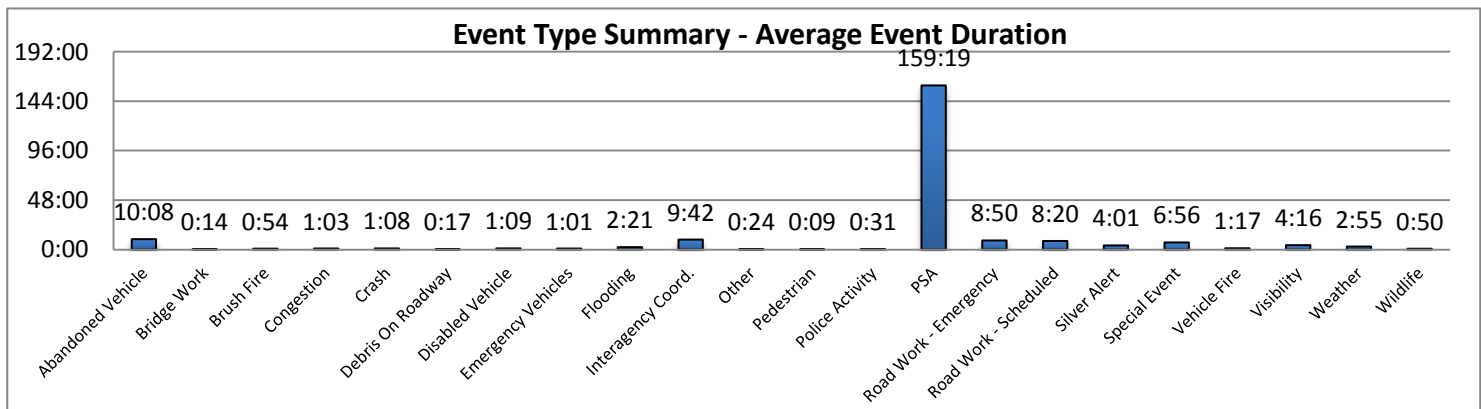
Note: Event Detection Source Categories listed as zero are not included in the above chart.



17. Event Type Summary			
Event Types	# of Events	Average On Scene Time	Average Event Duration
Abandoned Vehicle	619	0:45	10:08
Amber Alert	0	0:00	0:00
Bridge Work	1	0:00	0:14
Brush Fire	30	0:20	0:54
Congestion	322	0:01	1:03
Crash	2137	0:46	1:08
Debris On Roadway	1855	0:10	0:17
Disabled Vehicle	5072	0:24	1:09
Emergency Vehicles	21	0:50	1:01
Evacuation	0	0:00	0:00
Flooding	1	2:21	2:21
Interagency Coord.	6	0:00	9:42
LEO Alert	0	0:00	0:00
Other	209	0:08	0:24
Pedestrian	35	0:02	0:09
Police Activity	479	0:21	0:31
PSA	2	0:00	159:19
Road Work - Emergency	9	5:10	8:50
Road Work - Scheduled	282	2:03	8:20
Silver Alert	54	0:02	4:01
Special Event	10	0:45	6:56
Vehicle Fire	25	0:54	1:17
Visibility	48	0:00	4:16
Weather	21	0:00	2:55
Wildlife	19	0:36	0:50
Total Events	11257	15:38	225:45



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





Road Ranger Information

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

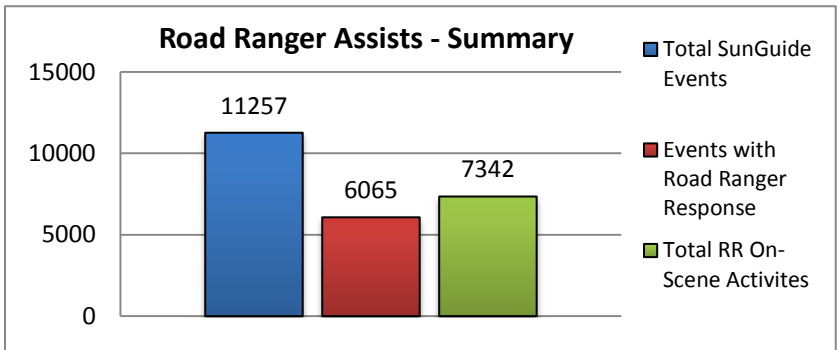
Saturday Road Rangers			
RR104	MM 49-80	RR111	MM 167-193
RR103	MM 80-105	RR113	MM 210-230
RR105	(Spare Truck)	RR112	MM 224-230
RR106	MM 105-123		I-275 MM 0-13
RR109	MM 143-170	*RR113	I-275 MM 0-13

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

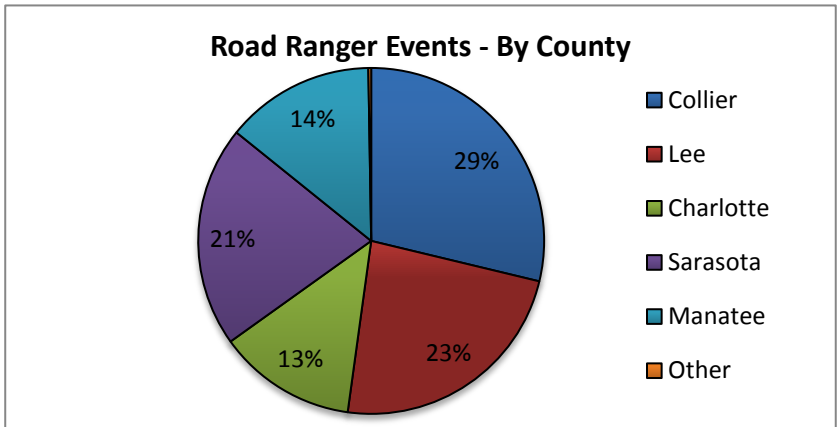
Sunday Road Rangers			
RR103	MM 49-80	RR111	MM 167-193
RR104	MM 80-105	RR113	MM 210-230
RR105	(Spare Truck)	RR112	MM 224-230
RR106	MM 105-123		I-275 MM 0-13
RR109	MM 143-170	*RR113	I-275 MM 0-13

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

18. Road Ranger Assists Summary	
Total SunGuide Events	11257
Events with Road Ranger Response	6065
Total RR On-Scene Activities	7342
Average Activities/Assisted Event	1.21
% of Events Assisted	53.88%



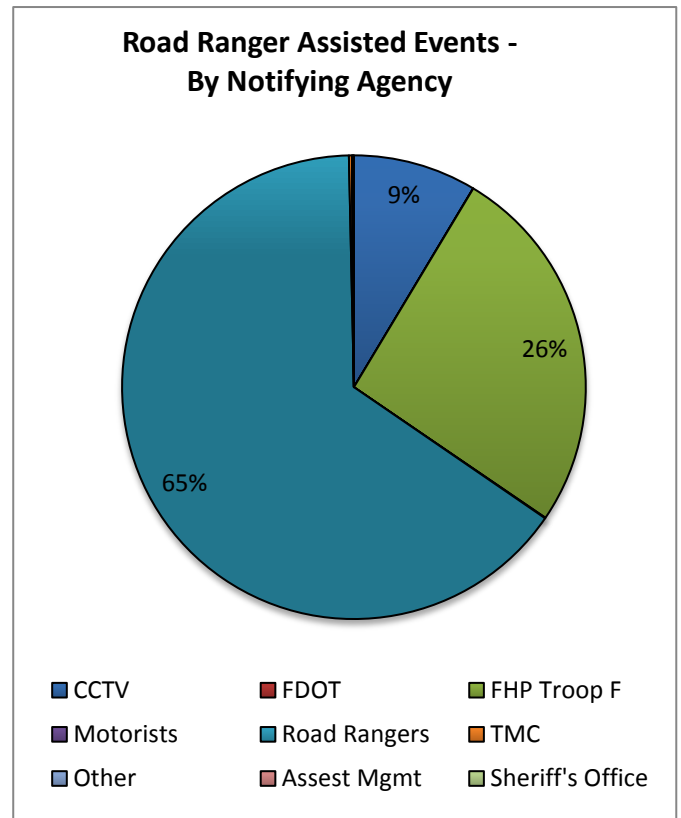
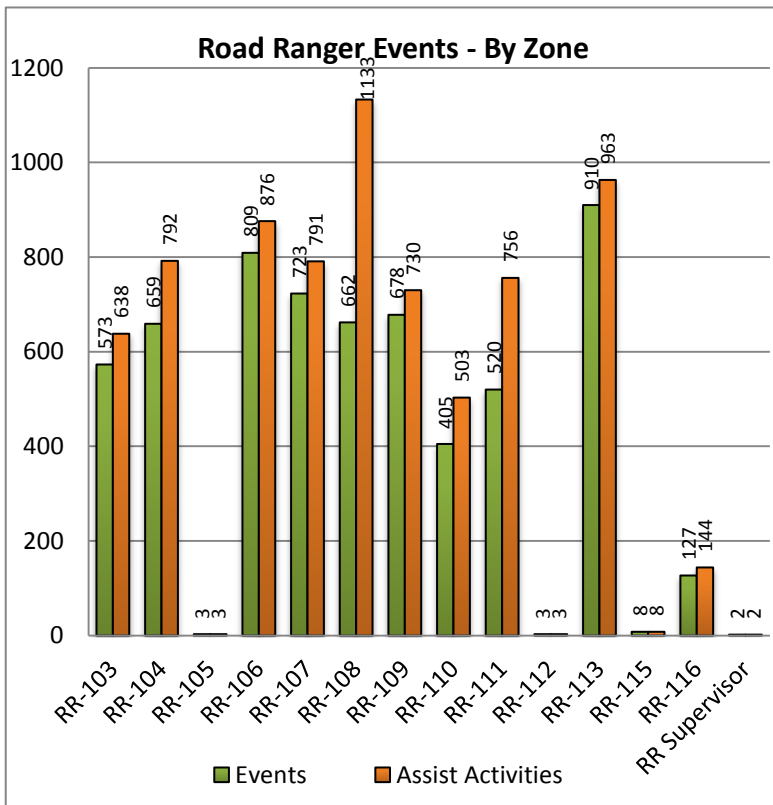
19. Road Ranger Events By County:	
District 1 Counties	Road Ranger Events
Collier	2084
Lee	1697
Charlotte	938
Sarasota	1498
Manatee	1011
Other	19
Totals	7247





20. Road Ranger Events - By Zone:		
Road Ranger Zones	Road Ranger Events	Assist Activities
RR-103	573	638
RR-104	659	792
RR-105	3	3
RR-106	809	876
RR-107	723	791
RR-108	662	1133
RR-109	678	730
RR-110	405	503
RR-111	520	756
RR-112	3	3
RR-113	910	963
RR-115	8	8
RR-116	127	144
RR Supervisor	2	2
Totals	6082	7342

21. Road Ranger Assisted Events - By Notifying Agency:		
Notifying Agency	Number of Events	% of Events
CCTV	623	8.6%
FDOT	1	0.0%
FHP Troop F	1878	25.9%
Motorists	3	0.0%
Road Rangers	4717	65.1%
TMC	15	0.2%
Other	3	0.0%
Assest Mgmt	5	0.1%
Sheriff's Office	2	0.0%
Totals	7247	100.0%

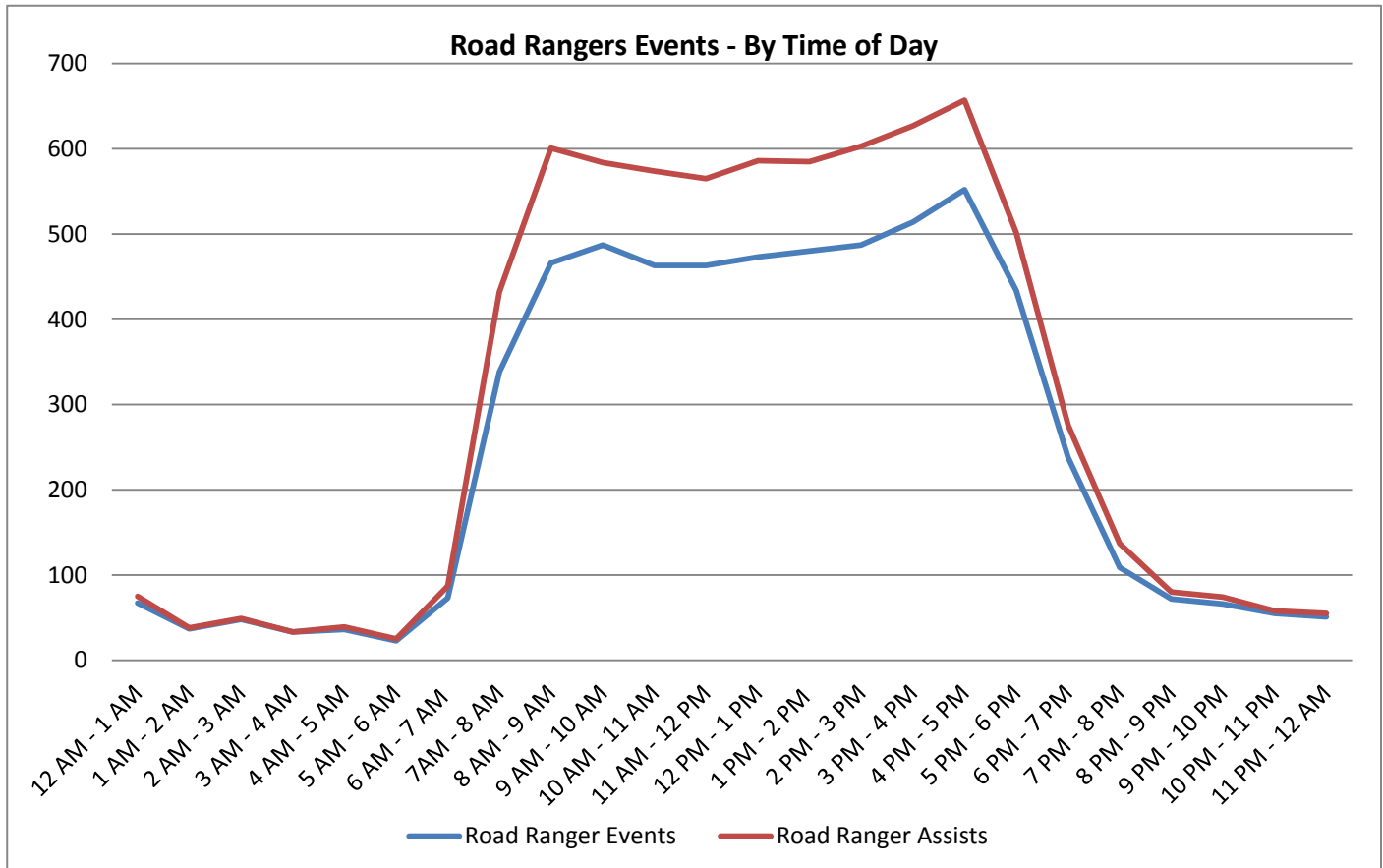




**22. Road Ranger Assisted Events -
By Time of Day:**

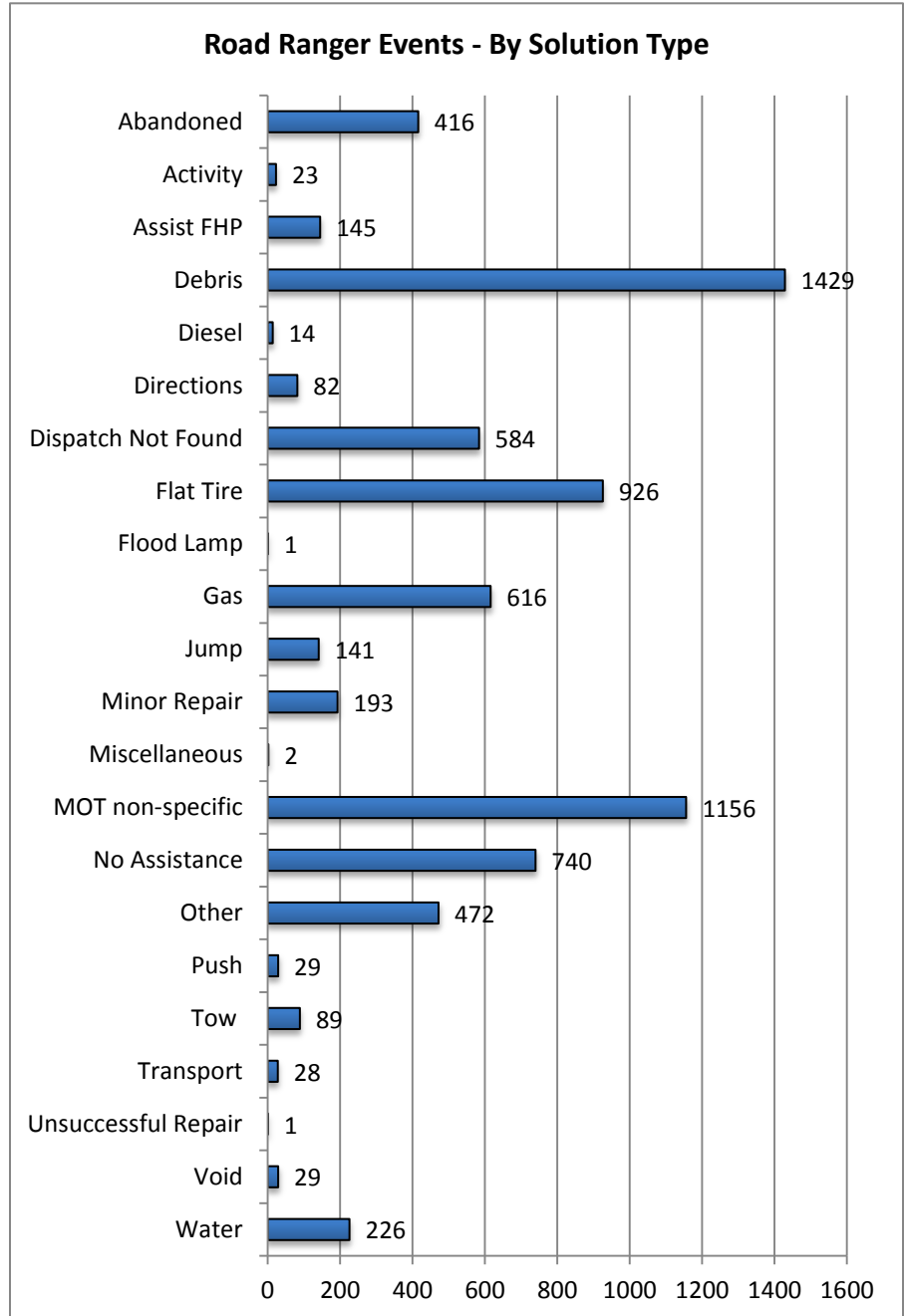
Time of Day	RR Events	RR Assists
12 AM - 1 AM	67	75
1 AM - 2 AM	37	38
2 AM - 3 AM	48	49
3 AM - 4 AM	33	33
4 AM - 5 AM	36	39
5 AM - 6 AM	23	25
6 AM - 7 AM	73	87
7 AM - 8 AM	338	432
8 AM - 9 AM	466	601
9 AM - 10 AM	487	584
10 AM - 11 AM	463	574
11 AM - 12 PM	463	565

Time of Day	RR Events	RR Assists
12 PM - 1 PM	473	586
1 PM - 2 PM	480	585
2 PM - 3 PM	487	603
3 PM - 4 PM	514	627
4 PM - 5 PM	552	657
5 PM - 6 PM	434	502
6 PM - 7 PM	238	276
7 PM - 8 PM	109	137
8 PM - 9 PM	72	80
9 PM - 10 PM	66	74
10 PM - 11 PM	55	58
11 PM - 12 AM	51	55
Totals	6065	7342





23. Road Ranger Events - By Solution Type:	
Problem Type	# of Assists
Abandoned	416
Absorbant	0
Activity	23
Assist FHP	145
Bleach	0
Cold Patch Asphalt	0
Debris	1429
Deploy Cones	0
Diesel	14
Directions	82
Dispatch Not Found	584
Flare	0
Flat Tire	926
Flood Lamp	1
Gas	616
Jump	141
Livestock	0
Lockout	0
Minor Repair	193
Miscellaneous	2
MOT non-specific	1156
No Assistance	740
Oil	0
Other	472
Phone	0
Portland Cement	0
Push	29
Radio	0
Tow	89
Translate	0
Transmission Fluid	0
Transport	28
Turbo Flare	0
Unsuccessful Repair	1
Void	29
Water	226
Wildlife	0
Total Assist Activities	7342



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