



This is the FDOT District 1 Swift SunGuide Center Monthly Operations Report, for August 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:	
	4415

2. Number of Lane Blocking Events:	
	248

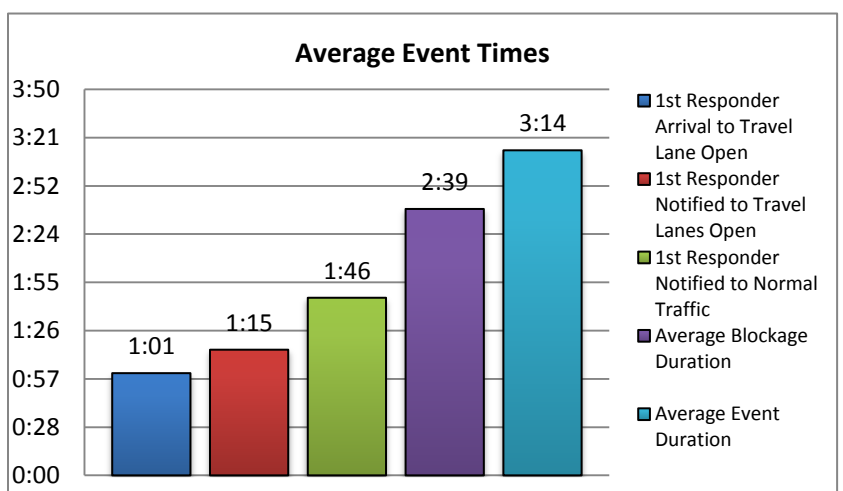
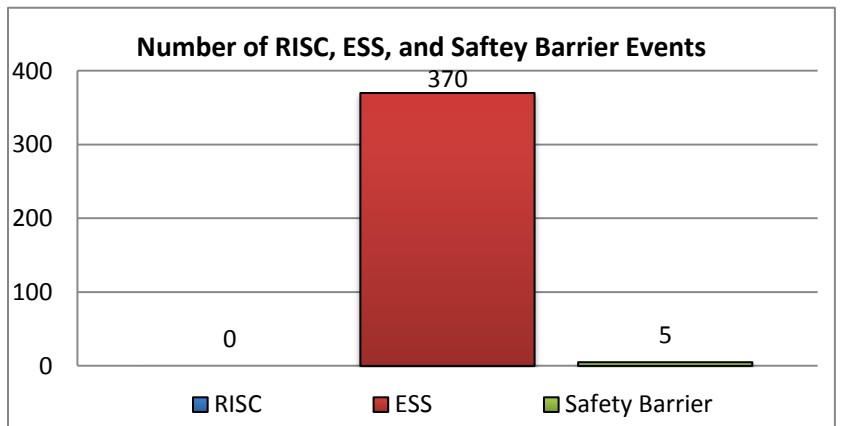
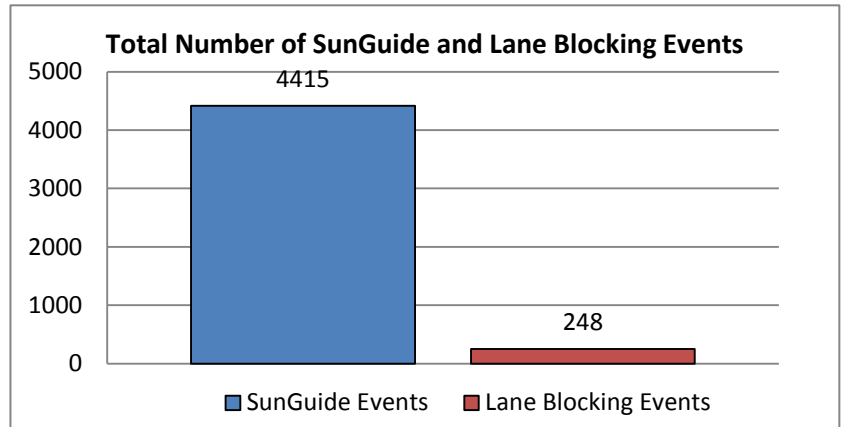
3. Number of RISC Events:	
	0

4. Number of ESS Events:	
	370

5. Events from a Safety Barrier Alert:	
	5

6. Average Open Roads Policy & Normal Traffic Times for I-75 Incidents	
Average Incident Duration From First Responder Arrival to Travel Lane Open	1:01
Average Incident Duration From First Responder Notified to Travel Lane Open	1:15
Average Incident Duration From First Responder Notified to Normal Traffic	1:46

7. Average Blockage/Event Duration - For All Lane Blocking Events	
Number of Events	4415
Number of Lane Blocking Events	248
Number of Secondary Incidents	14
Average Blockage Duration	2:39
Average Event Duration	3:14



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.



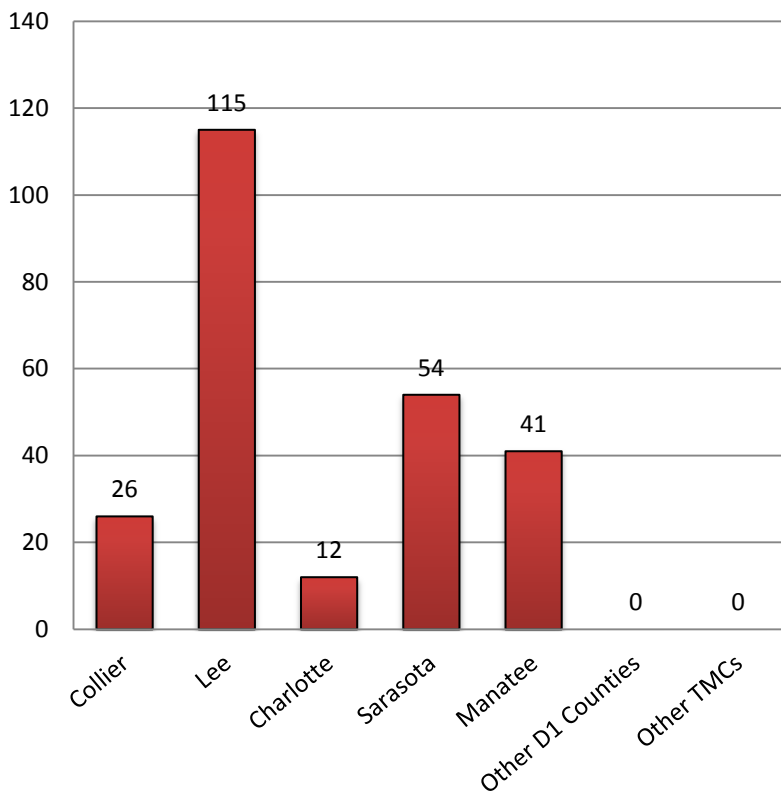
8. Lane Blocking Incidents - By County and Roadway:

Roadways	Collier County	Lee County	Charlotte County	Sarasota County	Manatee County	Other Dist 1 Counties
I-75	22	92	9	36	35	-
US-41	3	21	1	16	6	-
I-275	-	-	-	-	0	-
Arterials	1	2	2	2	0	0
Total Incidents	26	115	12	54	41	0

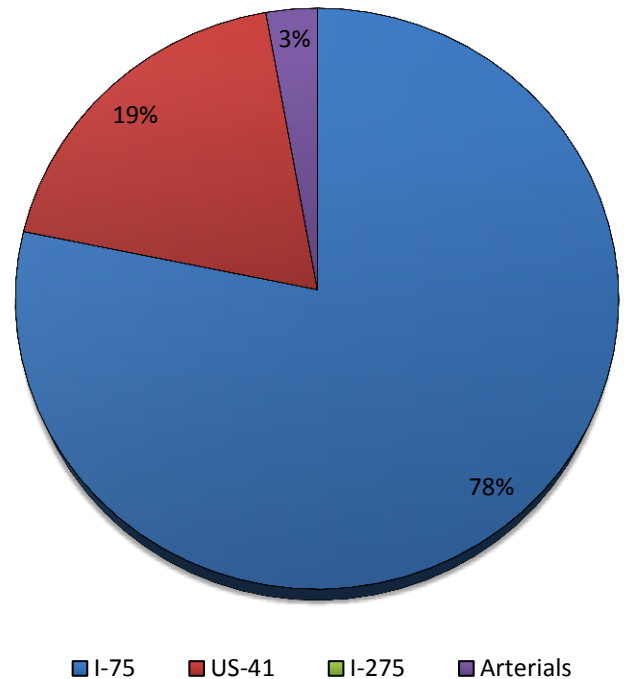
Roadways	District 7* TMC	District 6* TMC	District 4* TMC	FL Turnpike* TMC	Total Incidents By Roadway
I-75	0	0	0	-	194
US-41	0	0	-	-	47
I-275	0	-	-	-	0
Arterials	0	0	0	0	7
Total Incidents	0	0	0	0	248

*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



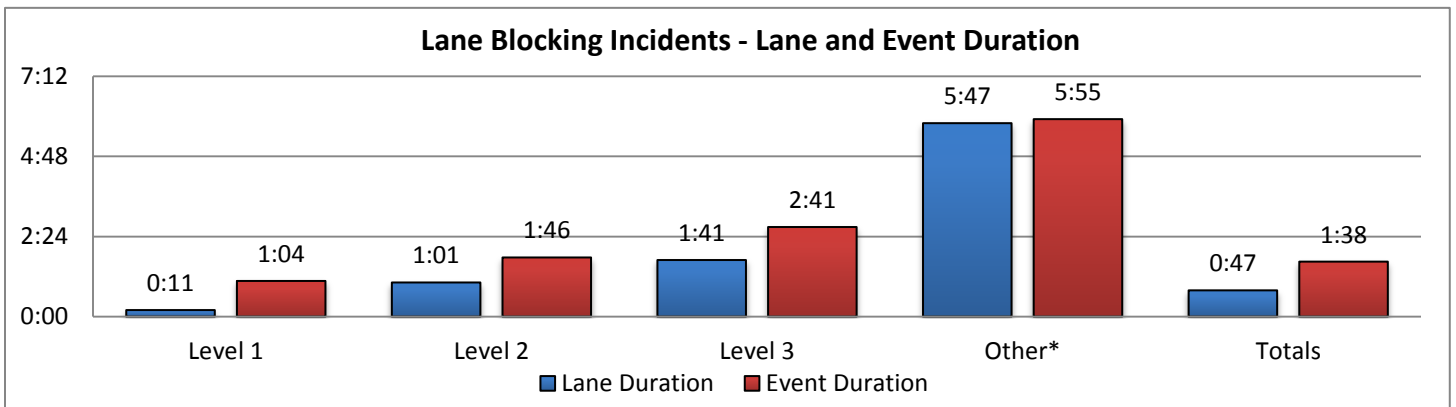
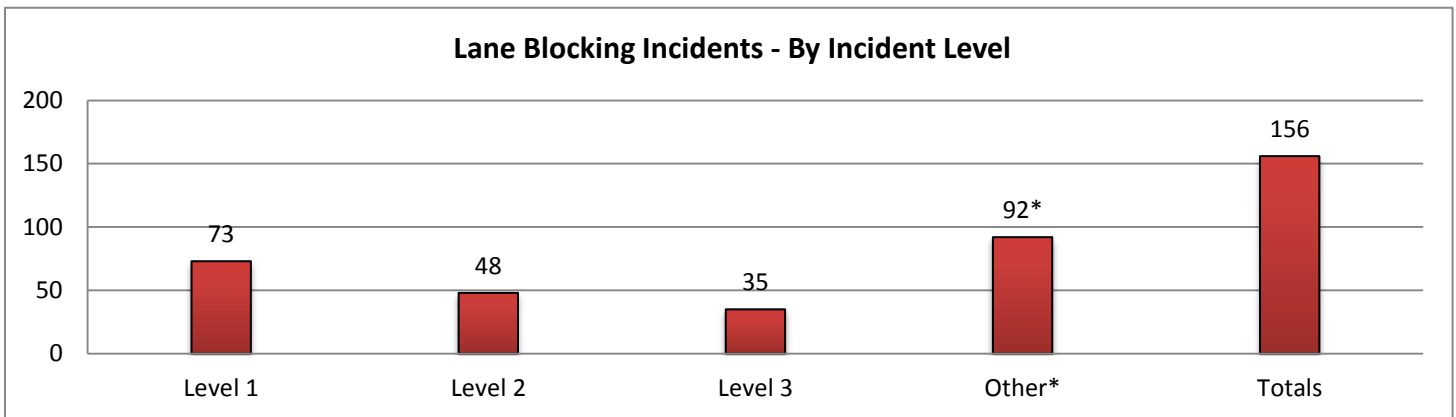


9. LANE BLOCKING INCIDENTS - By Incident Level:

	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	13	0:11	0:53	19	0:11	0:57	4	0:10	1:06	21	0:13	1:11
Level 2	8	1:03	1:33	14	0:57	1:42	1	1:14	1:43	12	0:56	2:03
Level 3	3	0:46	1:49	8	1:00	1:51	0	0:00	0:00	14	2:23	3:38
Other*	2*	1:24	1:30	74*	6:00	6:07	7*	5:18	5:22	7*	5:41	5:53
Totals	24	0:32	1:13	41	0:36	1:22	5	0:22	1:13	47	1:02	2:08

	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	16	0:12	1:12	0	0:00	0:00	0	0:00	0:00	73	0:11	1:04
Level 2	13	1:09	1:44	0	0:00	0:00	0	0:00	0:00	48	1:01	1:46
Level 3	10	1:34	2:17	0	0:00	0:00	0	0:00	0:00	35	1:41	2:41
Other*	2*	4:47	4:59	0*	0:00	0:00	0*	0:00	0:00	92*	5:47	5:55
Totals	39	0:52	1:39	0	0:00	0:00	0	0:00	0:00	156	0:47	1:38

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

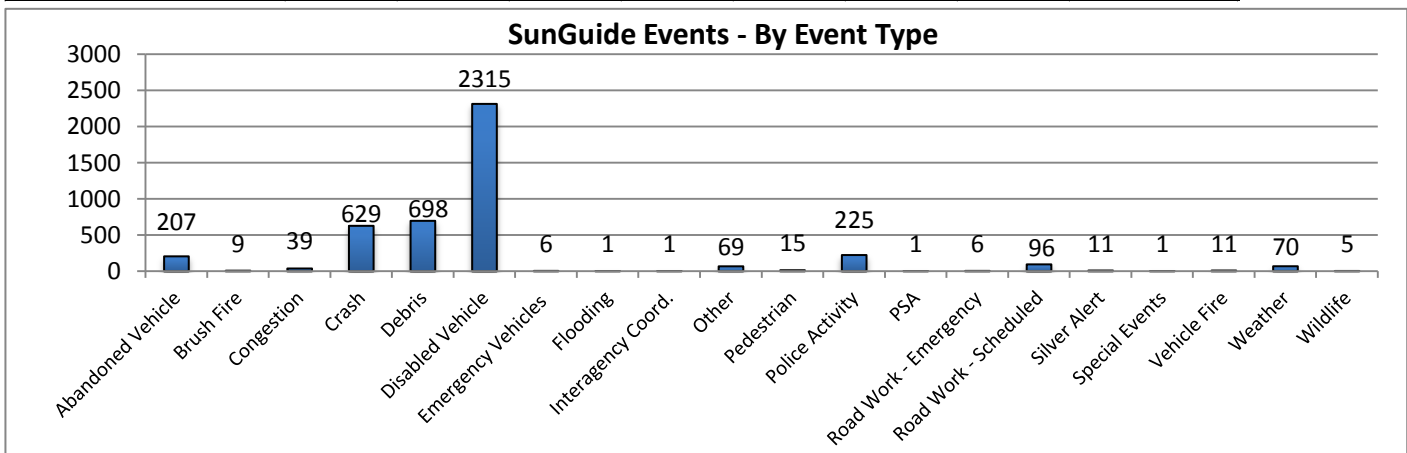




10. SunGuide Events - by Event Type:

Incidents	Collier County	Lee County	Charlotte County	Sarasota County	Manatee County	Other D-1 Counties	Other Dist. TMCs	Total # of Events
Abandoned Vehicle	52	65	13	55	22	0	0	207
Amber Alerts	0	0	0	0	0	0	0	0
Bridge Work	0	0	0	0	0	0	0	0
Brush Fire	3	3	2	0	1	0	0	9
Congestion	2	7	1	14	15	0	0	39
Crash	59	142	32	213	180	3	0	629
Debris	112	172	121	160	131	0	2	698
Disabled Vehicle	755	770	211	337	238	0	4	2315
Emergency Vehicles	0	2	0	3	1	0	0	6
Evacuation	0	0	0	0	0	0	0	0
Flooding	1	0	0	0	0	0	0	1
Interagency Coord.	1	0	0	0	0	0	0	1
LEO Alerts	0	0	0	0	0	0	0	0
Other	15	19	7	18	9	1	0	69
Pedestrian	6	3	0	2	4	0	0	15
Police Activity	55	123	20	19	8	0	0	225
PSA	0	1	0	0	0	0	0	1
Road Work - Emergency	1	1	0	3	1	0	0	6
Road Work - Scheduled	6	75	9	5	1	0	0	96
Silver Alert	0	11	0	0	0	0	0	11
Special Events	0	0	0	0	0	1	0	1
Vehicle Fire	3	1	1	3	3	0	0	11
Visibility	0	0	0	0	0	0	0	0
Weather	23	22	12	8	5	0	0	70
Wildlife	4	0	0	0	1	0	0	5
Total Incidents	1098	1417	429	840	620	5	6	4415

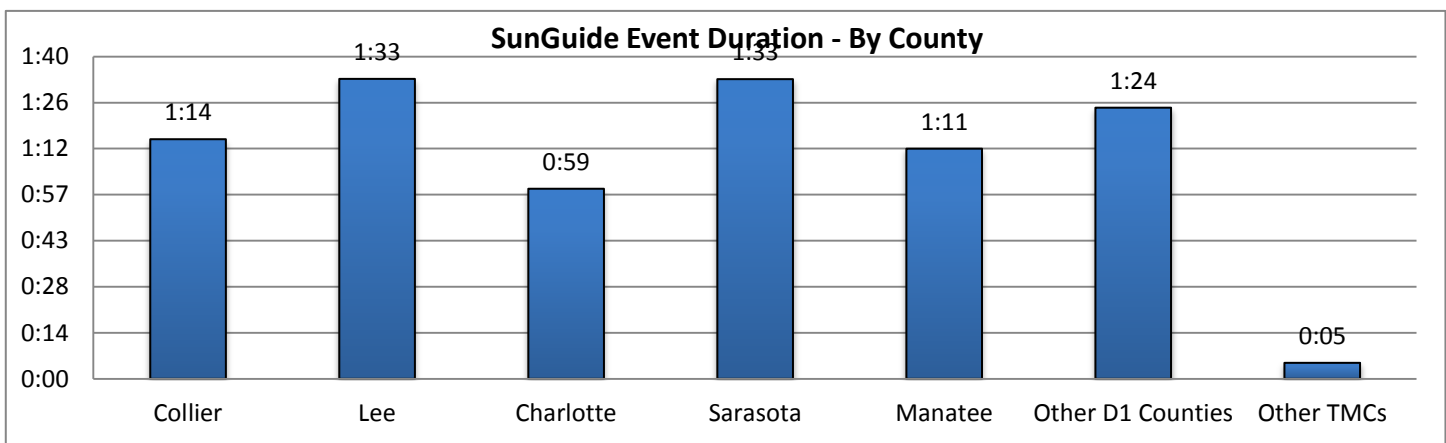
Note: Incident categories that are listed as zero are not included in the chart below.





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	7:52	8:06	7:03	8:28	5:44	0:00	0:00	7:49
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	0:00	0:00	0:00
Brush Fire	0:52	0:33	3:02	0:00	0:38	0:00	0:00	1:13
Congestion	0:25	0:37	0:05	1:57	1:41	0:00	0:00	1:28
Crash	1:11	1:05	1:06	1:09	1:17	1:13	0:00	1:10
Debris	0:17	0:14	0:10	0:24	0:18	0:00	0:02	0:16
Disabled Vehicle	0:59	0:49	0:56	1:10	1:12	0:00	0:06	0:58
Emergency Vehicles	0:00	0:21	0:00	1:06	0:09	0:00	0:00	0:41
Evacuation	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
Flooding	0:52	0:00	0:00	0:00	0:00	0:00	0:00	0:52
Interagency Coord.	0:35	0:00	0:00	0:00	0:00	0:00	0:00	0:35
LEO Alerts	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
Other	1:23	0:15	0:14	0:15	0:04	0:08	0:00	0:28
Pedestrian	0:03	0:31	0:00	0:18	0:09	0:00	0:00	0:12
Police Activity	0:14	0:31	0:08	1:51	0:54	0:00	0:00	0:32
PSA	0:00	255:07	0:00	0:00	0:00	0:00	0:00	255:07
Road Work - Emergency	0:49	1:57	0:00	6:01	0:11	0:00	0:00	3:30
Road Work - Scheduled	1:11	5:50	4:17	4:31	5:08	0:00	0:00	5:19
Silver Alert	0:00	4:30	0:00	0:00	0:00	0:00	0:00	4:30
Special Events	0:00	0:00	0:00	0:00	0:00	3:15	0:00	3:15
Vehicle Fire	0:55	1:51	1:54	2:05	1:13	0:00	0:00	1:29
Visibility	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
Weather	2:46	1:59	2:31	3:20	3:31	0:00	0:00	2:35
Wildlife	1:19	0:00	0:00	0:00	0:43	0:00	0:00	1:11
Total Incidents	1:14	1:33	0:59	1:33	1:11	1:24	0:05	1:22





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
1283	199	6	3:09

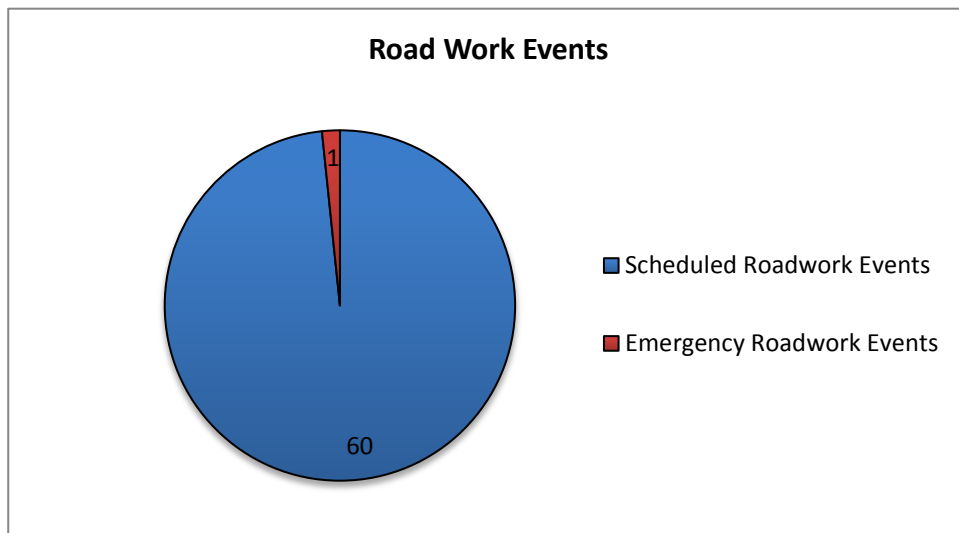
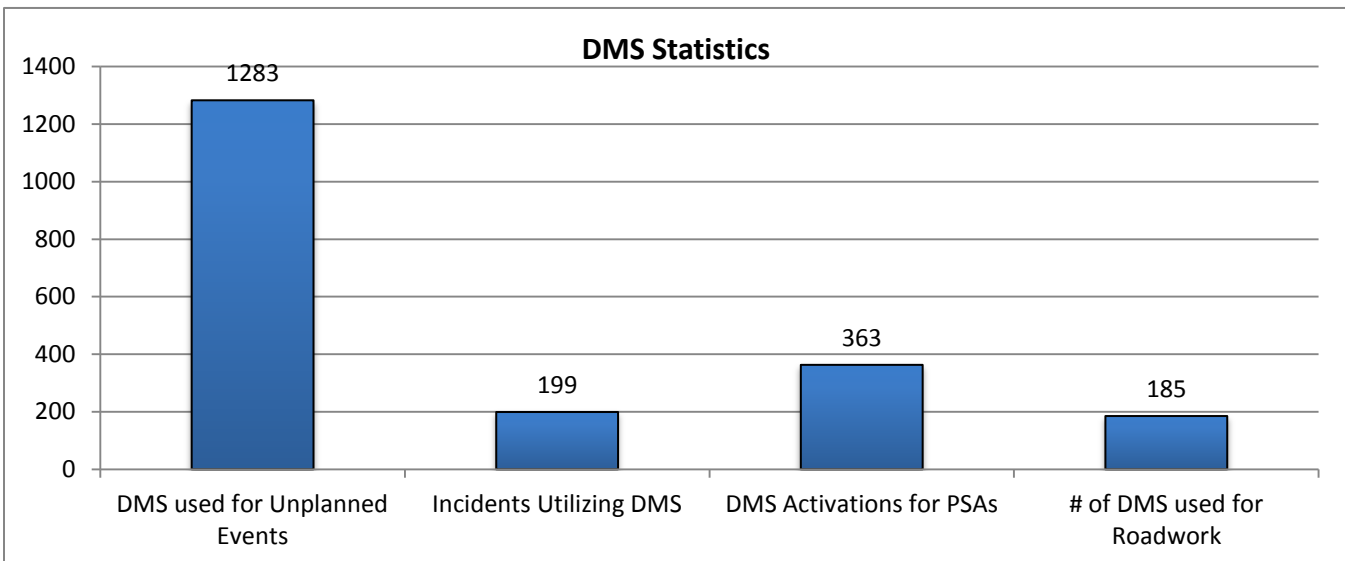
13. PSA - DMS Activations:

Number of Public Service Announcement DMS Activations
363

14. Road Work - DMS Statistics:

Scheduled Road Work	Emergency Road Work	Total # Road Work Patterns
60	1	61
# DMS Used for Road Work		Average # of DMS/Pattern
185		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	0	Mile <49	0
Mile 49-79.9	150	Mile 49-79.9	206
Mile 80-100.9	196	Mile 80-100.9	121
Mile 101-104.9	27	Mile 101-104.9	30
Mile 105-106.9	39	Mile 105-106.9	59
Mile 107-110.9	80	Mile 107-110.9	71
Mile 111-115.9	63	Mile 111-115.9	39
Mile 116-122.9	146	Mile 116-122.9	183
Mile 123-127.9	154	Mile 123-127.9	73
Mile 128-130.9	66	Mile 128-130.9	57
Mile 131-135.9	117	Mile 131-135.9	85
Mile 136 -137.9	33	Mile 136 -137.9	23
Mile 138 -138.9	44	Mile 138 -138.9	13
Mile 139 - 140.9	106	Mile 139 - 140.9	27
Mile 141 - 142.9	48	Mile 141 - 142.9	15
Mile 143 - 157.9	148	Mile 143 - 157.9	113
Mile 158 - 160.9	30	Mile 158 - 160.9	27
Mile 161 - 163.9	32	Mile 161 - 163.9	18
Mile 164 - 166.9	30	Mile 164 - 166.9	29
Mile 167 -169.9	37	Mile 167 -169.9	30
Mile 170 - 178.9	45	Mile 170 - 178.9	77
Mile 179 - 181.9	14	Mile 179 - 181.9	16
Mile 182 - 190.9	58	Mile 182 - 190.9	61
Mile 191 - 192.9	20	Mile 191 - 192.9	8
Mile 193 - 194.9	21	Mile 193 - 194.9	17
Mile 195 -199.9	34	Mile 195 -199.9	29
Mile 200 - 204.9	56	Mile 200 - 204.9	51
Mile 205 - 206.9	35	Mile 205 - 206.9	18
Mile 207 - 209.9	44	Mile 207 - 209.9	39
Mile 210 -212.9	74	Mile 210 -212.9	46
Mile 213 - 216.9	58	Mile 213 - 216.9	70
Mile 217 - 219.9	54	Mile 217 - 219.9	40
Mile 220 - 223.9	54	Mile 220 - 223.9	59
Mile 224 -227.9	58	Mile 224 -227.9	58
Mile 228 - 228.9	16	Mile 228 - 228.9	11
Mile 229 -229.9	1	Mile 229 -229.9	2
Mile 230 - 239.9	5	Mile 230 - 239.9	3
> Mile 240	0	> Mile 240	0
North Total	2193	South Total	1824

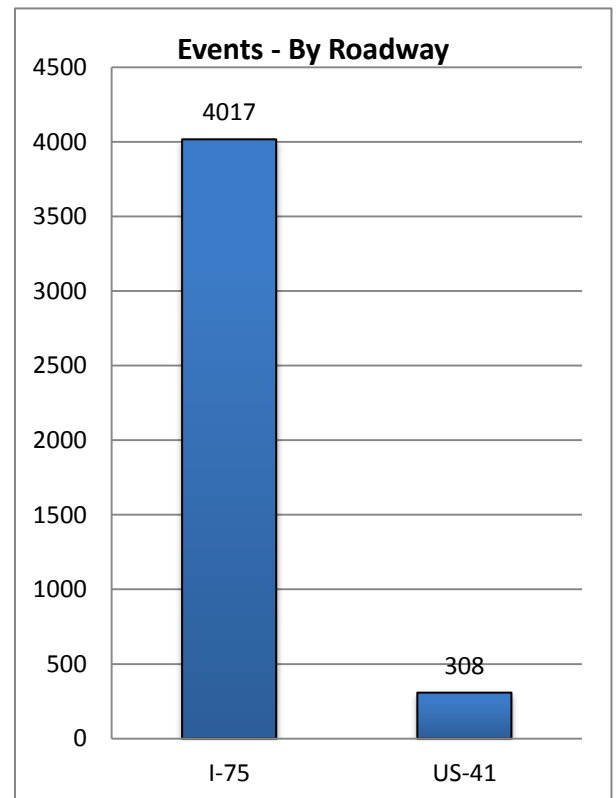
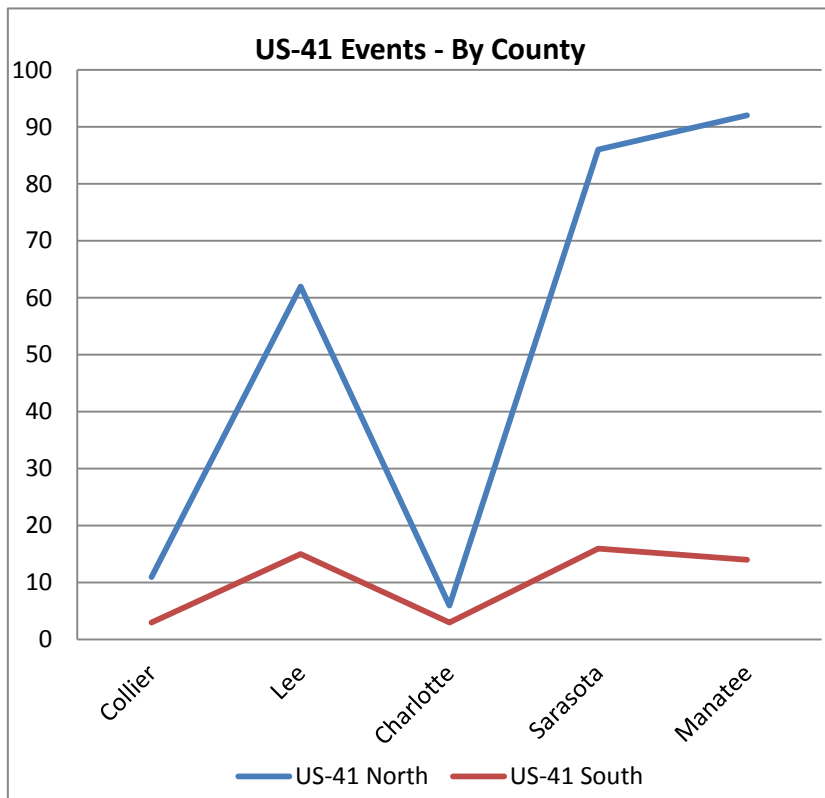
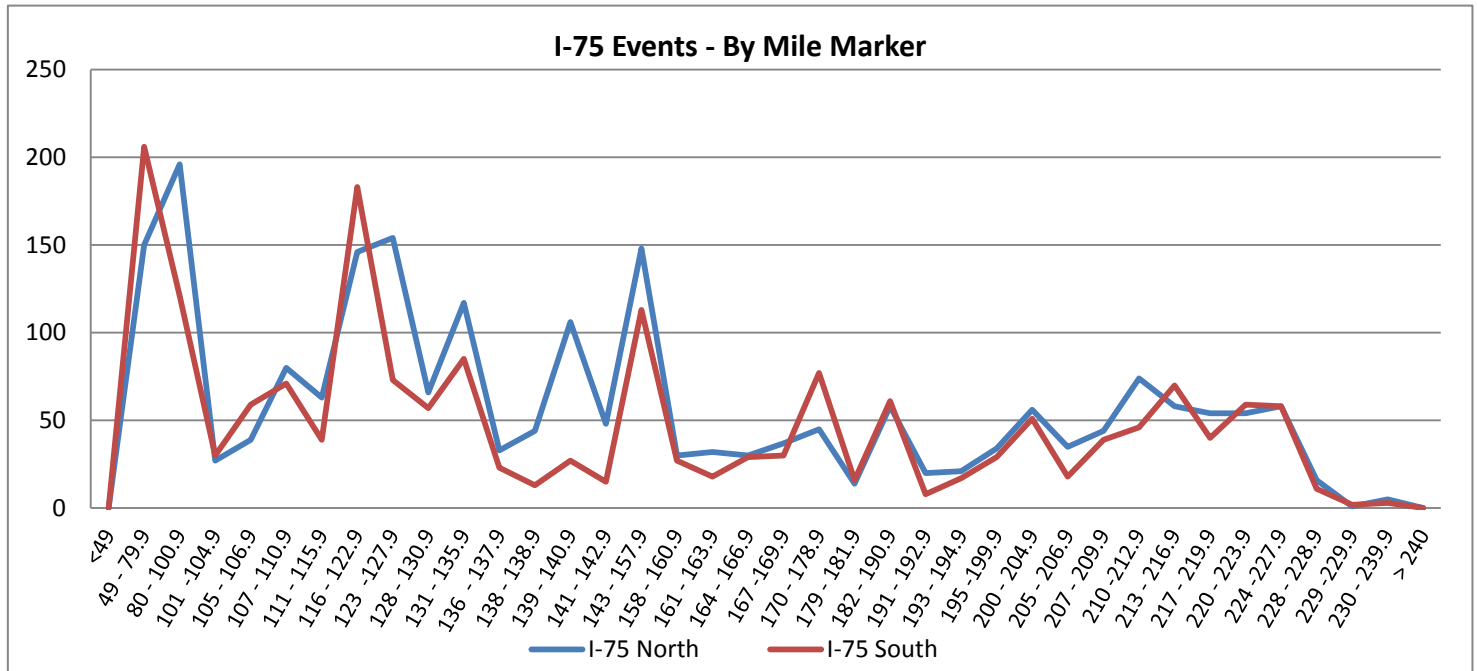
US-41 Northbound	
Collier	11
Lee	62
Charlotte	6
Sarasota	86
Manatee	92
North Total	257

US-41 Southbound	
Collier	3
Lee	15
Charlotte	3
Sarasota	16
Manatee	14
South Total	51

Total Events on US-41
308

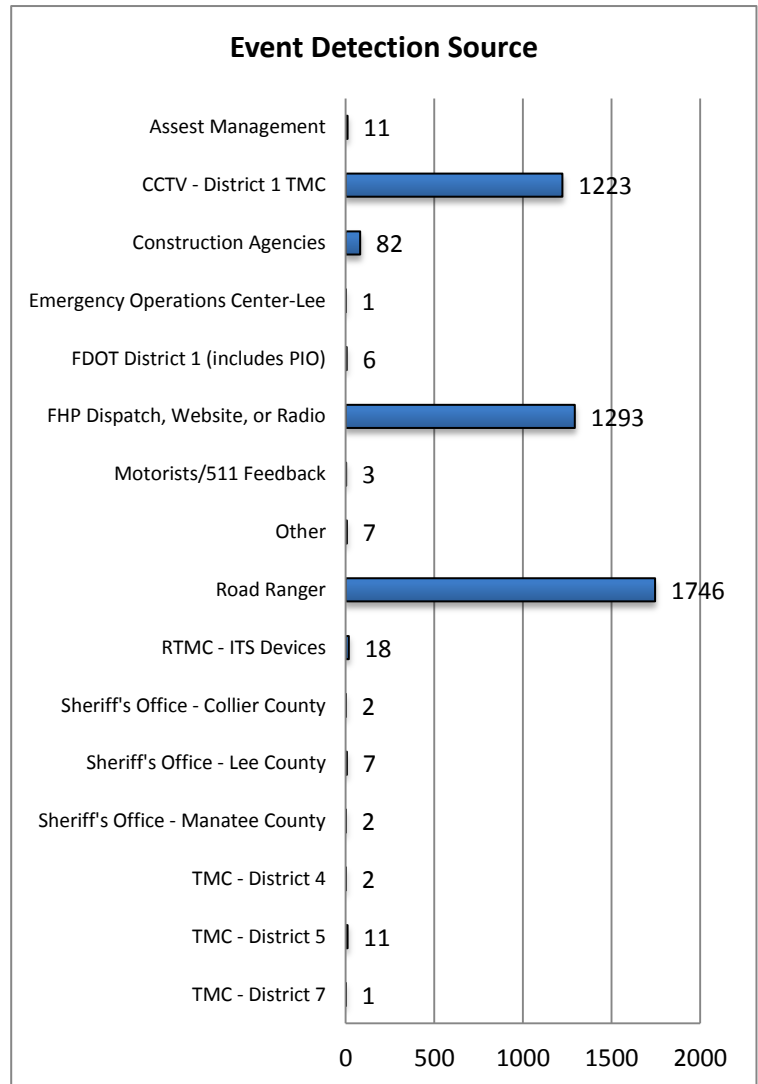
Total Events on I-75
4017

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





16. Event Detection Source:		
Assest Management (includes Dbi & ICA)	11	0.2%
CCTV - District 1 TMC	1223	27.7%
CCTV - Other	0	0.0%
Construction Agencies	82	1.9%
County and Local Law Enforcement	0	0.0%
Emergency Operations Center	0	0.0%
Emergency Operations Center-Lee	1	0.0%
FDOT District 1 ITS Managers	0	0.0%
FDOT District 1 (includes PIO)	6	0.1%
FDOT Maintenance	0	0.0%
FHP Dispatch, Website, or Radio	1293	29.3%
FHP Incident Alerts	0	0.0%
Fire Department	0	0.0%
HazMat/DEP	0	0.0%
MCCO	0	0.0%
Media	0	0.0%
Motorists/511 Feedback	3	0.1%
Other	7	0.2%
Other Airport	0	0.0%
Other Field Personnel	0	0.0%
Road Ranger	1746	39.5%
RTMC - ITS Devices (TSS & Safety Barrier)	18	0.4%
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	2	0.0%
Sheriff's Office - Lee County	7	0.2%
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	2	0.0%
TMC - District 5	11	0.2%
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	4415	100.0%

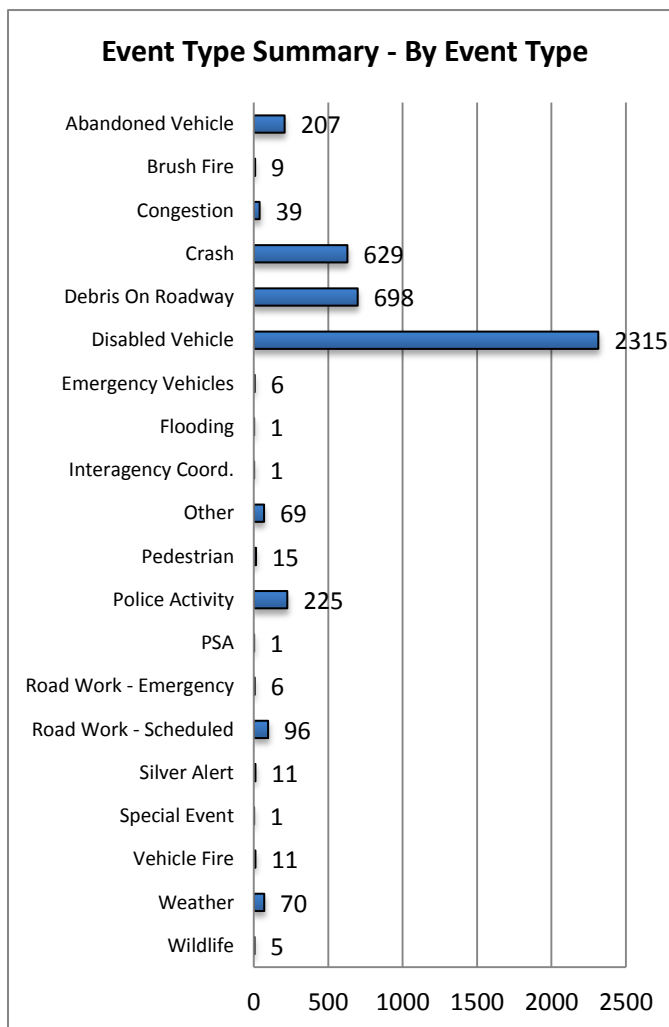


Note: Event Detection Source Categories listed as zero are not included in the above chart.



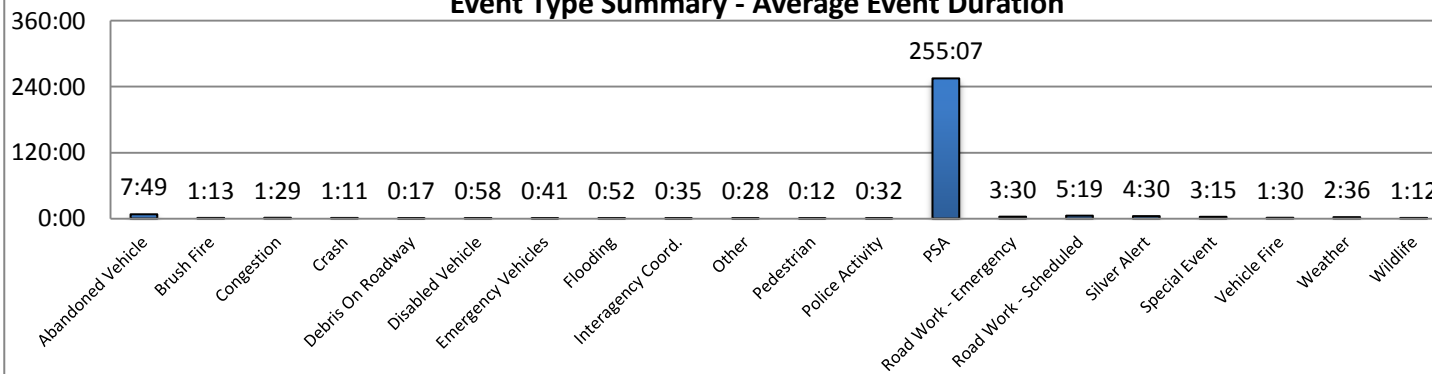
17. Event Type Summary

Event Types	# of Events	Average On Scene Time	Average Event Duration
Abandoned Vehicle	207	1:33	7:49
Amber Alert	0	0:00	0:00
Bridge Work	0	0:00	0:00
Brush Fire	9	0:29	1:13
Congestion	39	0:11	1:29
Crash	629	0:57	1:11
Debris On Roadway	698	0:10	0:17
Disabled Vehicle	2315	0:23	0:58
Emergency Vehicles	6	0:14	0:41
Evacuation	0	0:00	0:00
Flooding	1	0:00	0:52
Interagency Coord.	1	0:00	0:35
LEO Alert	0	0:00	0:00
Other	69	0:04	0:28
Pedestrian	15	0:09	0:12
Police Activity	225	0:30	0:32
PSA	1	0:00	255:07
Road Work - Emergency	6	0:02	3:30
Road Work - Scheduled	96	0:12	5:19
Silver Alert	11	0:00	4:30
Special Event	1	0:00	3:15
Vehicle Fire	11	1:02	1:30
Visibility	0	0:00	0:00
Weather	70	0:00	2:36
Wildlife	5	0:39	1:12
Total Events	4415	0:19	14:39



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			
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 & I-275 MM 0-13
RR107	MM 116-138	RR115	(Spare Truck)
RR110	MM 136-158		
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

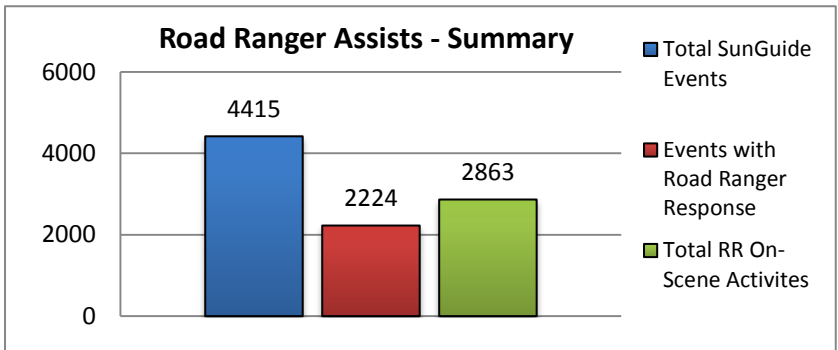
Saturday Road Rangers			
RR104	MM 49-80	RR111	MM 167-193
RR103	MM 80-105	RR113	MM 210-230
RR105	(Spare Truck)	RR112	MM 224-230 I-275 MM 0-13
RR106	MM 105-123	*RR113	I-275 MM 0-13
RR109	MM 143-170		

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

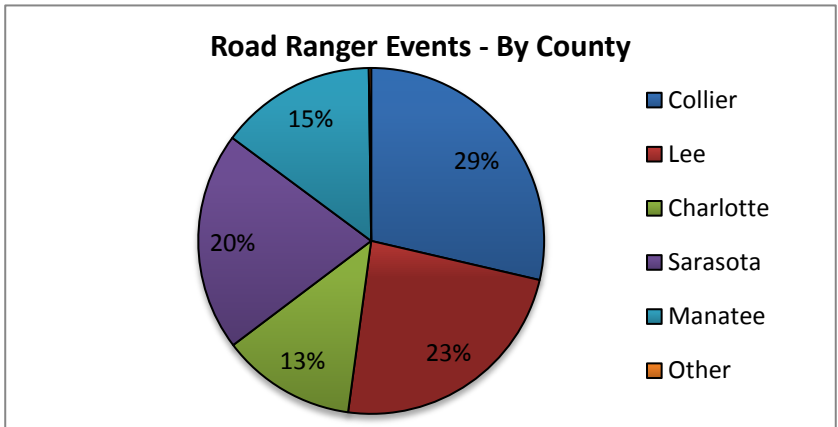
Sunday Road Rangers			
RR103	MM 49-80	RR111	MM 167-193
RR104	MM 80-105	RR113	MM 210-230
RR105	(Spare Truck)	RR112	MM 224-230 I-275 MM 0-13
RR106	MM 105-123	*RR113	I-275 MM 0-13
RR109	MM 143-170		

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

18. Road Ranger Assists Summary	
Total SunGuide Events	4415
Events with Road Ranger Response	2224
Total RR On-Scene Activities	2863
Average Activities/Assisted Event	1.29
% of Events Assisted	50.37%



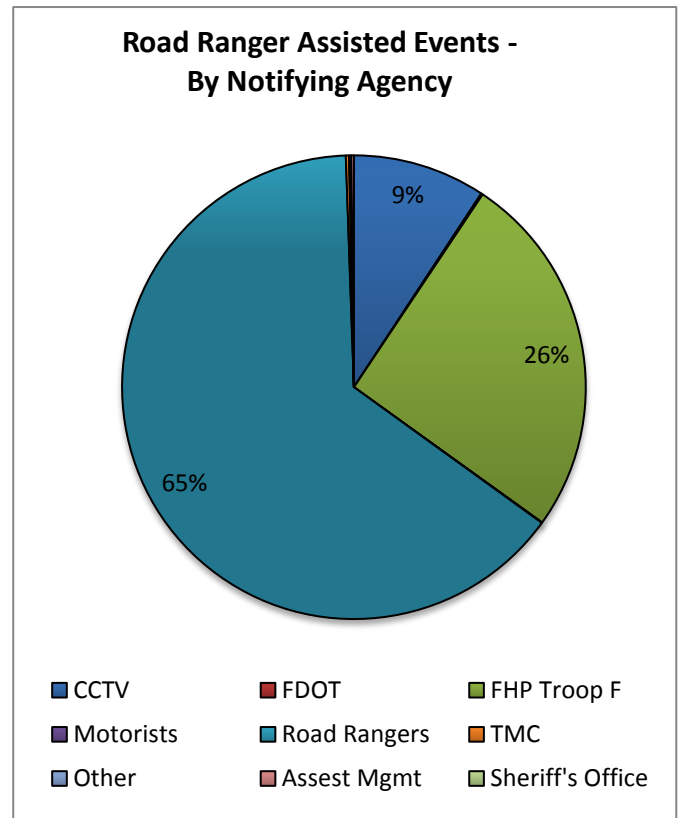
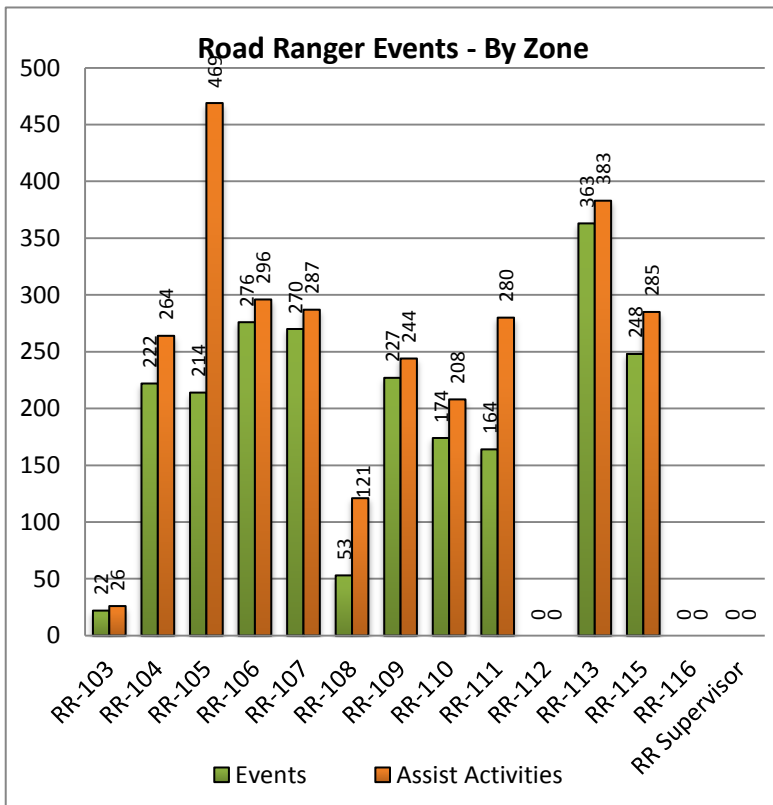
19. Road Ranger Events By County:	
District 1 Counties	Road Ranger Events
Collier	770
Lee	632
Charlotte	338
Sarasota	550
Manatee	393
Other	6
Totals	2689





20. Road Ranger Events - By Zone:		
Road Ranger Zones	Road Ranger Events	Assist Activities
RR-103	22	26
RR-104	222	264
RR-105	214	469
RR-106	276	296
RR-107	270	287
RR-108	53	121
RR-109	227	244
RR-110	174	208
RR-111	164	280
RR-112	0	0
RR-113	363	383
RR-115	248	285
RR-116	0	0
RR Supervisor	0	0
Totals	2233	2863

21. Road Ranger Assisted Events - By Notifying Agency:		
Notifying Agency	Number of Events	% of Events
CCTV	249	9.3%
FDOT	3	0.1%
FHP Troop F	687	25.5%
Motorists	1	0.0%
Road Rangers	1734	64.5%
TMC	6	0.2%
Other	4	0.1%
Assest Mgmt	5	0.2%
Sheriff's Office	0	0.0%
Totals	2689	100.0%

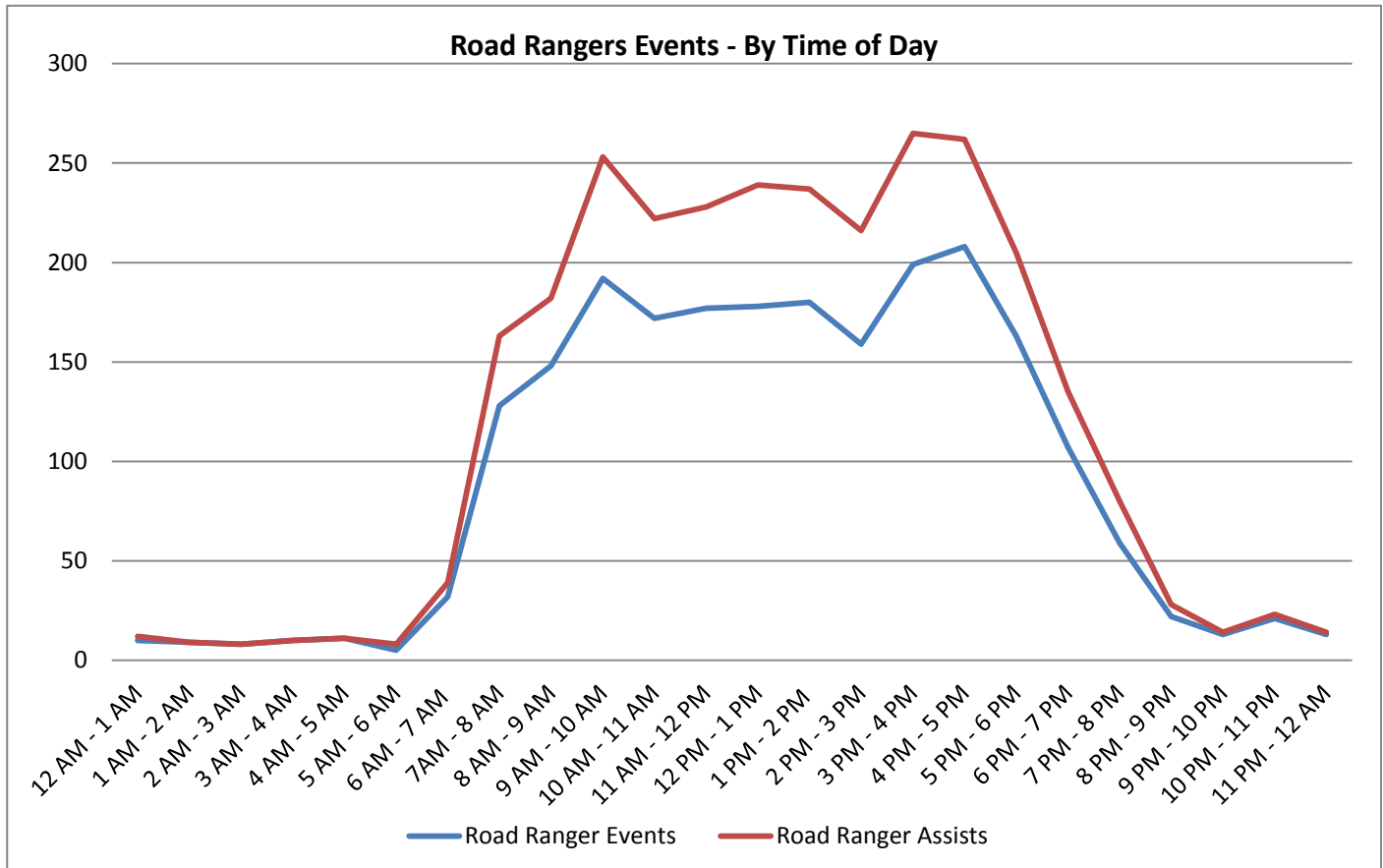




**22. Road Ranger Assisted Events -
By Time of Day:**

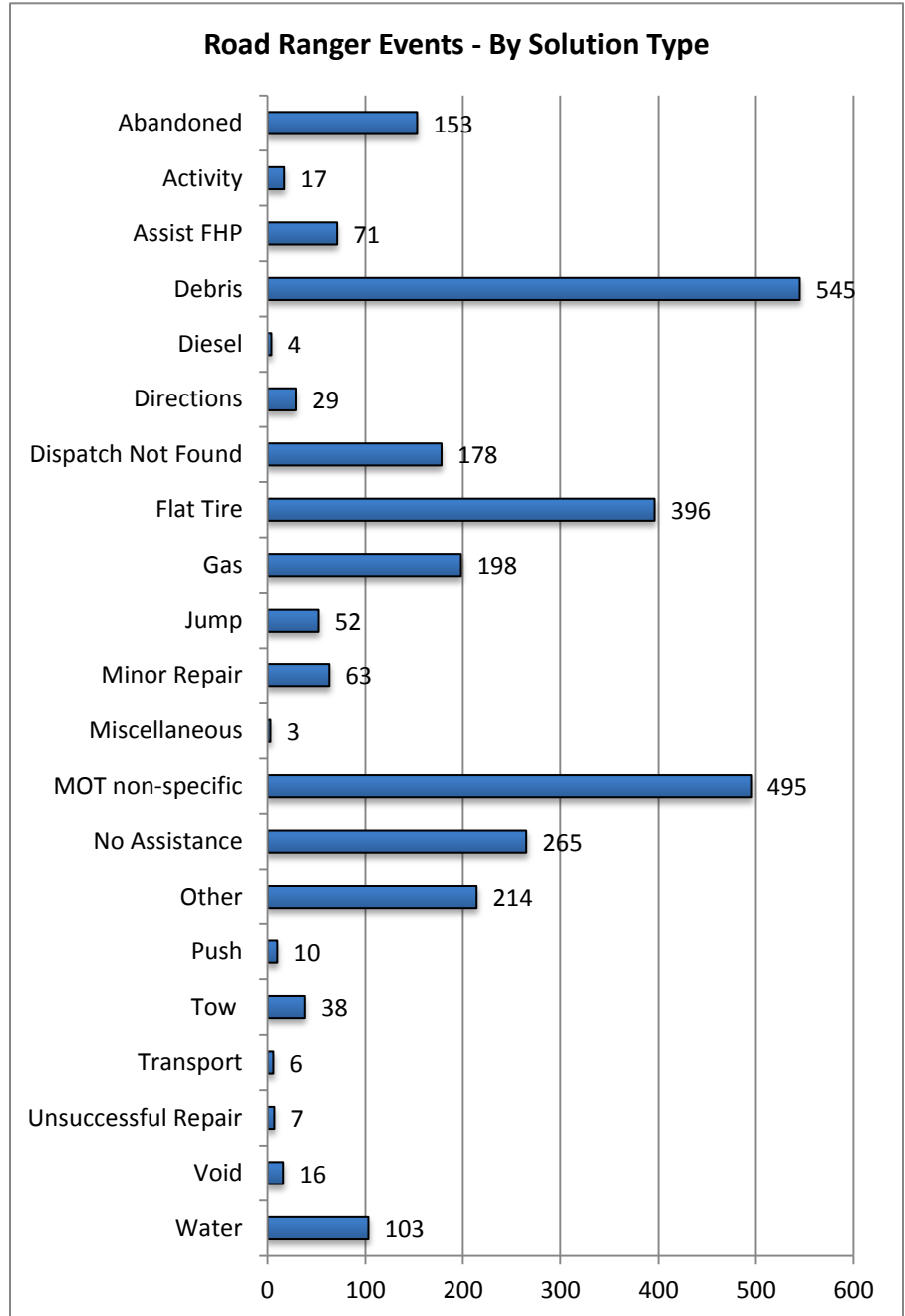
Time of Day	RR Events	RR Assists
12 AM - 1 AM	10	12
1 AM - 2 AM	9	9
2 AM - 3 AM	8	8
3 AM - 4 AM	10	10
4 AM - 5 AM	11	11
5 AM - 6 AM	5	8
6 AM - 7 AM	32	39
7 AM - 8 AM	128	163
8 AM - 9 AM	148	182
9 AM - 10 AM	192	253
10 AM - 11 AM	172	222
11 AM - 12 PM	177	228

Time of Day	RR Events	RR Assists
12 PM - 1 PM	178	239
1 PM - 2 PM	180	237
2 PM - 3 PM	159	216
3 PM - 4 PM	199	265
4 PM - 5 PM	208	262
5 PM - 6 PM	163	205
6 PM - 7 PM	107	135
7 PM - 8 PM	59	80
8 PM - 9 PM	22	28
9 PM - 10 PM	13	14
10 PM - 11 PM	21	23
11 PM - 12 AM	13	14
Totals	2224	2863





23. Road Ranger Events - By Solution Type:	
Problem Type	# of Assists
Abandoned	153
Absorbant	0
Activity	17
Assist FHP	71
Bleach	0
Cold Patch Asphalt	0
Debris	545
Deploy Cones	0
Diesel	4
Directions	29
Dispatch Not Found	178
Flare	0
Flat Tire	396
Flood Lamp	0
Gas	198
Jump	52
Livestock	0
Lockout	0
Minor Repair	63
Miscellaneous	3
MOT non-specific	495
No Assistance	265
Oil	0
Other	214
Phone	0
Portland Cement	0
Push	10
Radio	0
Tow	38
Translate	0
Transmission Fluid	0
Transport	6
Turbo Flare	0
Unsuccessful Repair	7
Void	16
Water	103
Wildlife	0
Total Assist Activities	2863



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