



This is the FDOT District 1 Swift SunGuide Center Monthly Operations Report, for January 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:	
	3680

2. Number of Lane Blocking Events:	
	219

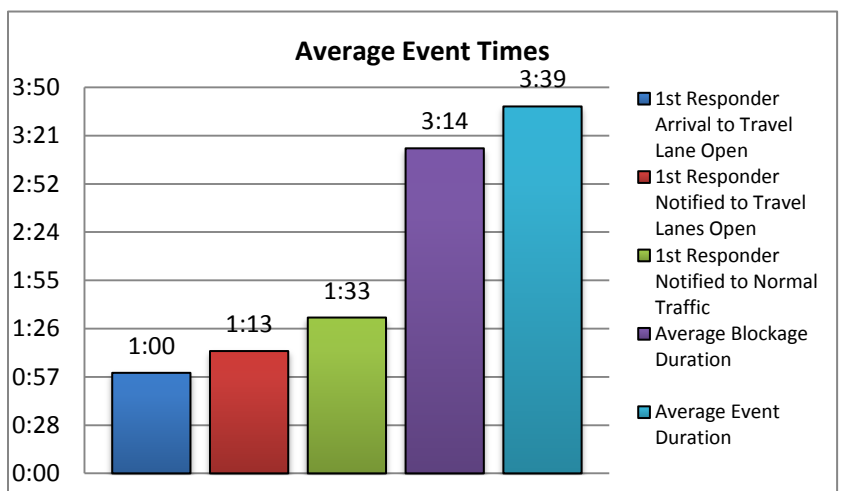
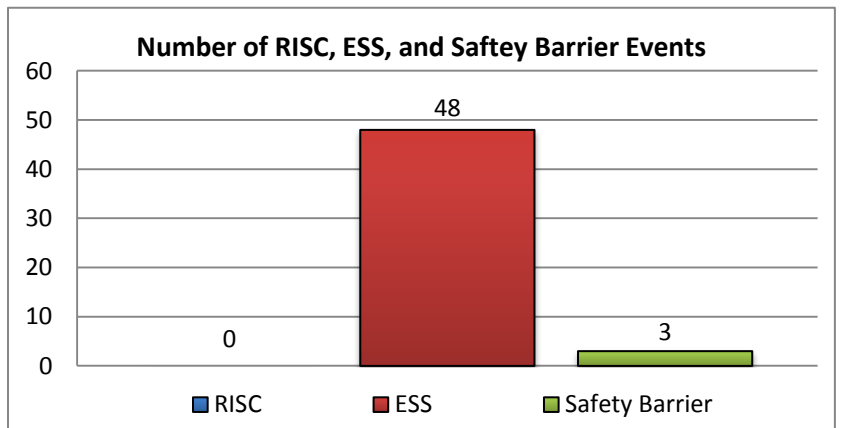
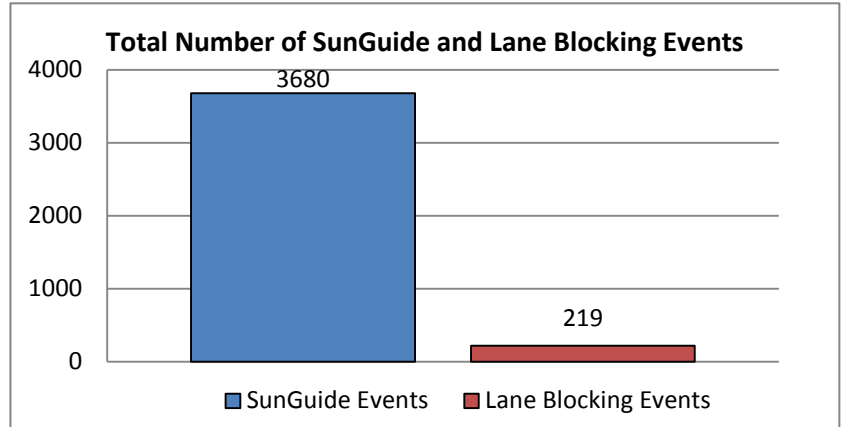
3. Number of RISC Events:	
	0

4. Number of ESS Events:	
	48

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	1:00
Average Incident Duration From First Responder Notified to Travel Lane Open	1:13
Average Incident Duration From First Responder Notified to Normal Traffic	1:33

7. Average Blockage/Event Duration - For All Lane Blocking Events	
Number of Events	3680
Number of Lane Blocking Events	219
Number of Secondary Incidents	12
Average Blockage Duration	3:14
Average Event Duration	3:39



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.

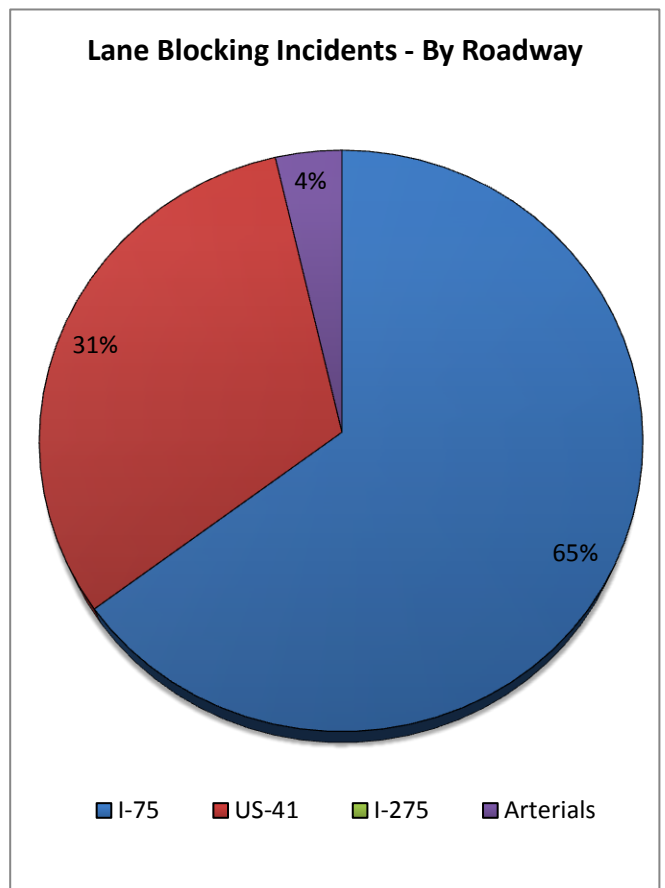
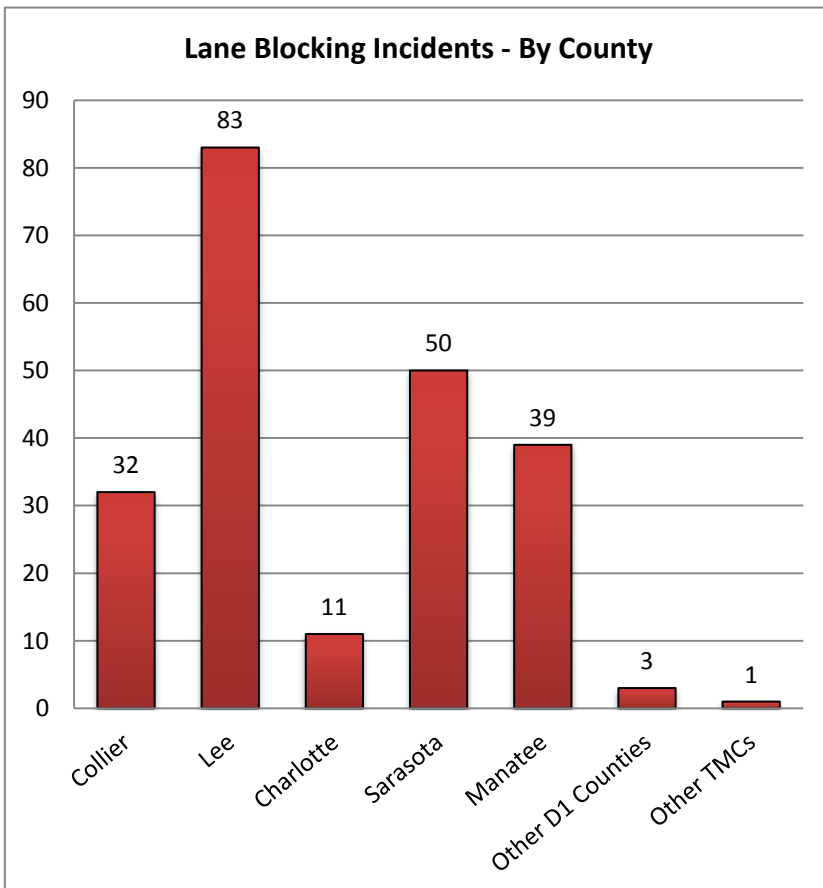


8. Lane Blocking Incidents - By County and Roadway:

Roadways	Collier County	Lee County	Charlotte County	Sarasota County	Manatee County	Other Dist 1 Counties
I-75	26	63	6	31	15	-
US-41	6	18	5	17	23	-
I-275	-	-	-	-	0	-
Arterials	0	2	0	2	1	3
Total Incidents	32	83	11	50	39	3

Roadways	District 7* TMC	District 6* TMC	District 4* TMC	FL Turnpike* TMC	Total Incidents By Roadway
I-75	0	0	1	-	142
US-41	0	0	-	-	69
I-275	0	-	-	-	0
Arterials	0	0	0	0	8
Total Incidents	0	0	1	0	219

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



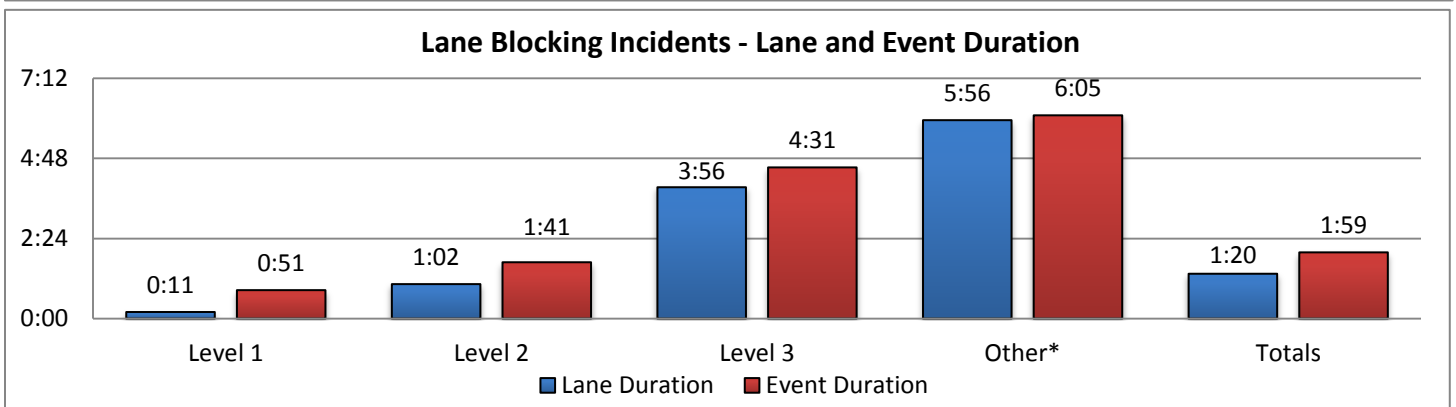
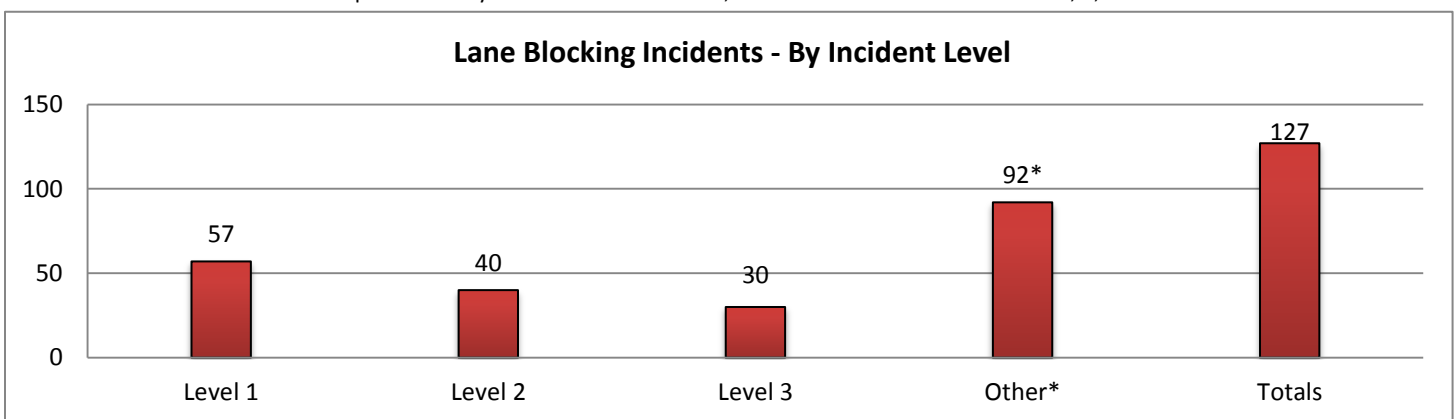


9. LANE BLOCKING INCIDENTS - By Incident Level:

	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	15	0:11	0:55	18	0:12	0:49	4	0:06	0:52	10	0:13	0:46
Level 2	5	1:02	1:15	12	0:58	1:10	3	1:38	4:09	15	0:56	1:42
Level 3	6	0:56	1:33	5	1:25	2:13	2	0:29	1:24	6	7:46	8:03
Other*	6*	1:53	2:24	48*	5:51	5:59	2*	8:08	8:18	19*	6:08	6:12
Totals	26	0:31	1:07	35	0:38	1:08	9	0:41	2:04	31	2:01	2:37

	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	9	0:14	0:56	0	0:00	0:00	1	0:14	0:37	57	0:11	0:51
Level 2	5	1:08	1:52	0	0:00	0:00	0	0:00	0:00	40	1:02	1:41
Level 3	8	5:13	5:49	3	5:22	5:58	0	0:00	0:00	30	3:56	4:31
Other*	17*	7:11	7:19	0*	0:00	0:00	0*	0:00	0:00	92*	5:56	6:05
Totals	22	2:15	2:55	3	5:22	5:58	1	0:14	0:37	127	1:20	1:59

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

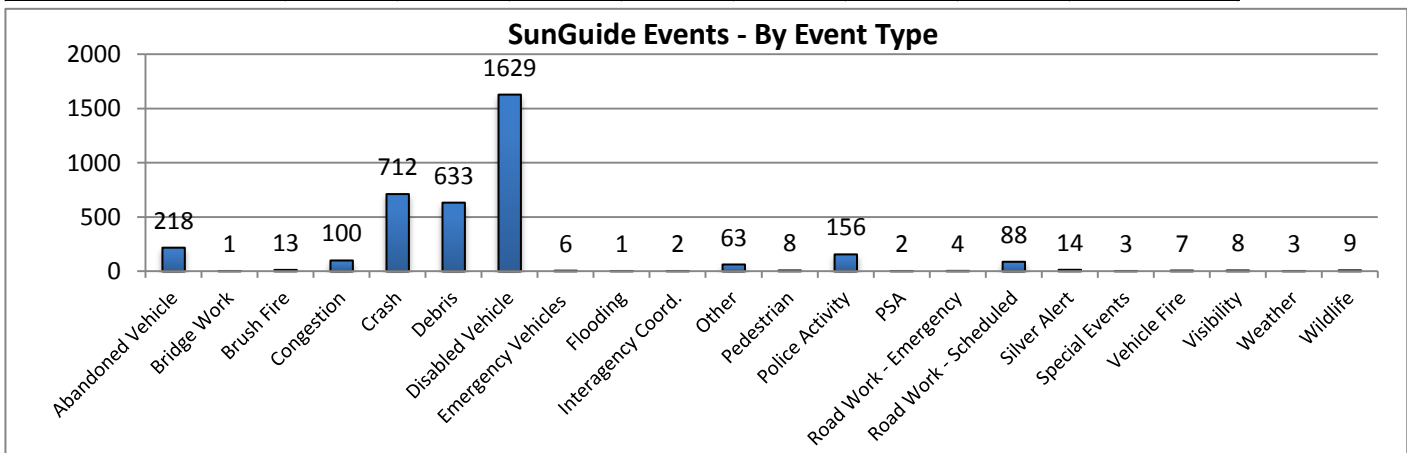




10. SunGuide Events - by Event Type:

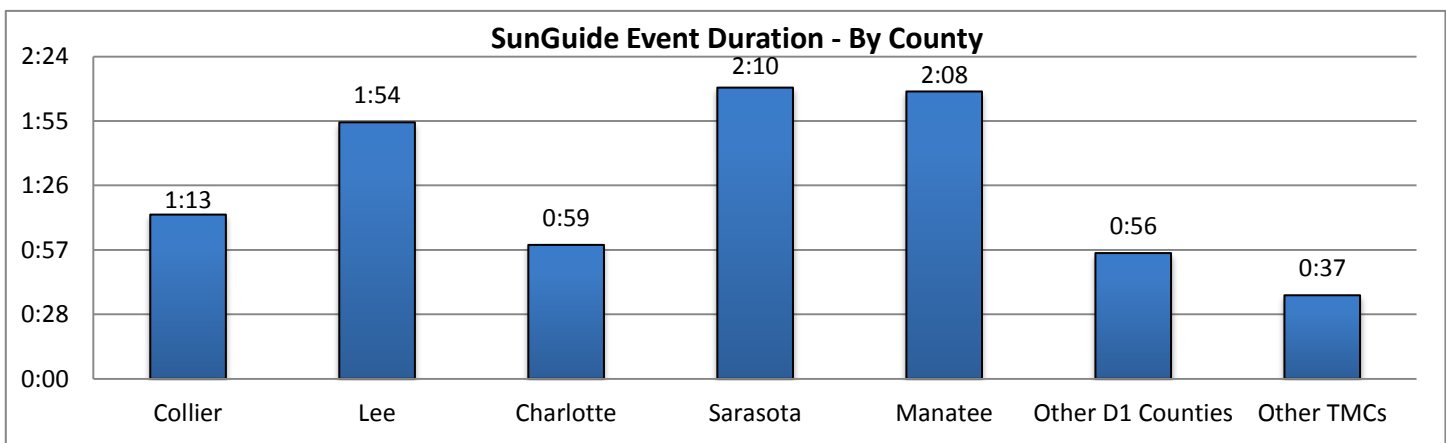
Incidents	Collier County	Lee County	Charlotte County	Sarasota County	Manatee County	Other D-1 Counties	Other Dist. TMCs	Total # of Events
Abandoned Vehicle	44	71	16	56	31	0	0	218
Amber Alerts	0	0	0	0	0	0	0	0
Bridge Work	0	1	0	0	0	0	0	1
Brush Fire	4	7	0	1	0	1	0	13
Congestion	23	56	1	8	12	0	0	100
Crash	73	196	31	204	198	9	1	712
Debris	114	132	112	181	94	0	0	633
Disabled Vehicle	585	430	186	223	198	0	7	1629
Emergency Vehicles	2	0	1	0	2	0	1	6
Evacuation	0	0	0	0	0	0	0	0
Flooding	0	0	0	1	0	0	0	1
Interagency Coord.	0	0	0	0	2	0	0	2
LEO Alerts	0	0	0	0	0	0	0	0
Other	12	15	12	19	5	0	0	63
Pedestrian	3	0	1	3	1	0	0	8
Police Activity	83	57	14	2	0	0	0	156
PSA	0	2	0	0	0	0	0	2
Road Work - Emergency	0	0	0	3	1	0	0	4
Road Work - Scheduled	5	45	2	19	17	0	0	88
Silver Alert	0	14	0	0	0	0	0	14
Special Events	0	1	0	1	0	1	0	3
Vehicle Fire	0	4	0	0	3	0	0	7
Visibility	2	5	0	0	1	0	0	8
Weather	0	2	0	0	1	0	0	3
Wildlife	4	2	1	1	1	0	0	9
Total Incidents	954	1040	377	722	567	11	9	3680

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	8:34	7:54	8:57	13:52	11:10	0:00	0:00	10:06
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	2:05	0:24	0:00	0:40	0:00	2:05	0:00	1:04
Congestion	0:31	0:41	0:03	1:17	3:24	0:00	0:00	1:00
Crash	0:53	0:53	0:57	1:04	1:14	0:40	3:21	1:02
Debris	0:15	0:17	0:09	0:19	0:17	0:00	0:00	0:15
Disabled Vehicle	1:01	1:00	0:52	1:30	1:51	0:00	0:14	1:09
Emergency Vehicles	1:29	0:00	2:02	0:00	0:07	0:00	0:37	0:58
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	11:39	0:00	0:00	11:39
LEO Alerts	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
Other	1:11	0:09	0:07	0:12	0:17	0:00	0:00	0:21
Pedestrian	0:07	0:00	0:03	0:04	0:07	0:00	0:00	0:05
Police Activity	0:29	0:30	0:22	0:05	0:00	0:00	0:00	0:28
PSA	0:00	159:19	0:00	0:00	0:00	0:00	0:00	159:19
Road Work - Emergency	0:00	0:00	0:00	14:05	29:30	0:00	0:00	17:56
Road Work - Scheduled	2:36	6:14	8:18	6:12	7:19	0:00	0:00	6:16
Silver Alert	0:00	4:02	0:00	0:00	0:00	0:00	0:00	4:02
Special Events	0:00	4:29	0:00	1:44	0:00	2:06	0:00	2:46
Vehicle Fire	0:00	1:16	0:00	0:00	1:35	0:00	0:00	1:24
Visibility	3:25	7:28	0:00	0:00	1:14	0:00	0:00	5:40
Weather	0:00	5:09	0:00	0:00	3:54	0:00	0:00	4:44
Wildlife	1:06	0:03	0:05	0:32	0:19	0:00	0:00	0:36
Total Incidents	1:13	1:54	0:59	2:10	2:08	0:56	0:37	1:43





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
1039	124	8	3:35

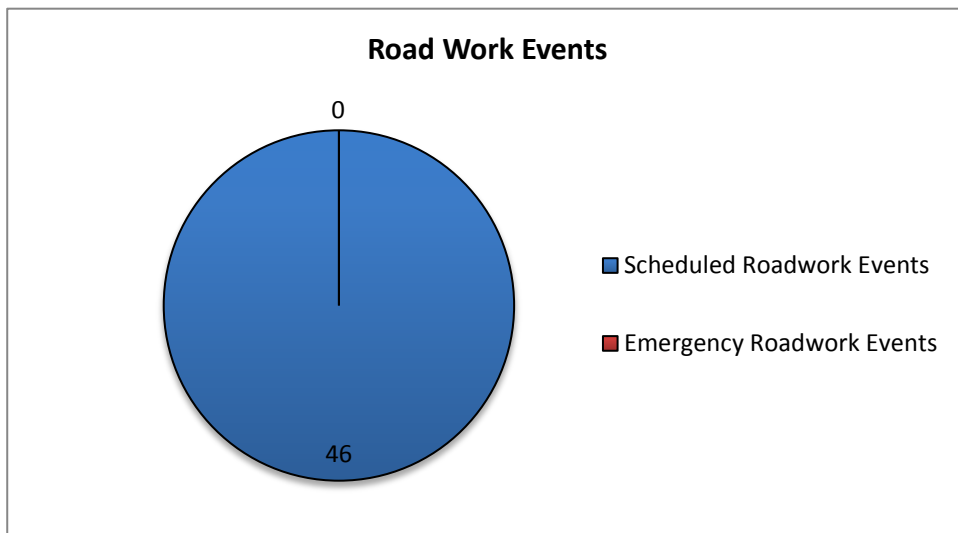
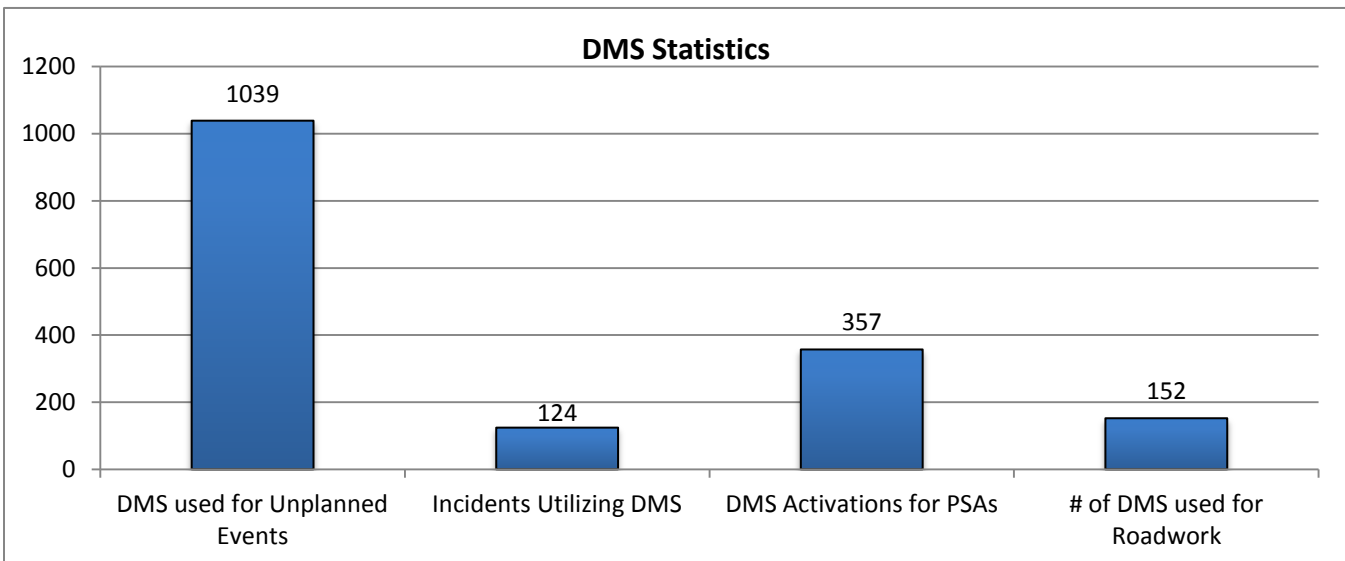
13. PSA - DMS Activations:

Number of Public Service Announcement DMS Activations
357

14. Road Work - DMS Statistics:

Scheduled Road Work	Emergency Road Work	Total # Road Work Patterns
46	0	46
# DMS Used for Road Work		Average # of DMS/Pattern
152		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	142	Mile 49-79.9	169
Mile 80-100.9	153	Mile 80-100.9	110
Mile 101-104.9	22	Mile 101-104.9	38
Mile 105-106.9	29	Mile 105-106.9	23
Mile 107-110.9	64	Mile 107-110.9	57
Mile 111-115.9	61	Mile 111-115.9	47
Mile 116-122.9	108	Mile 116-122.9	109
Mile 123-127.9	54	Mile 123-127.9	49
Mile 128-130.9	49	Mile 128-130.9	51
Mile 131-135.9	86	Mile 131-135.9	84
Mile 136 -137.9	24	Mile 136 -137.9	25
Mile 138 -138.9	28	Mile 138 -138.9	17
Mile 139 - 140.9	17	Mile 139 - 140.9	25
Mile 141 - 142.9	30	Mile 141 - 142.9	25
Mile 143 - 157.9	113	Mile 143 - 157.9	97
Mile 158 - 160.9	30	Mile 158 - 160.9	23
Mile 161 - 163.9	24	Mile 161 - 163.9	23
Mile 164 - 166.9	25	Mile 164 - 166.9	26
Mile 167 -169.9	27	Mile 167 -169.9	18
Mile 170 - 178.9	50	Mile 170 - 178.9	53
Mile 179 - 181.9	13	Mile 179 - 181.9	12
Mile 182 - 190.9	63	Mile 182 - 190.9	58
Mile 191 - 192.9	20	Mile 191 - 192.9	18
Mile 193 - 194.9	14	Mile 193 - 194.9	19
Mile 195 -199.9	43	Mile 195 -199.9	23
Mile 200 - 204.9	40	Mile 200 - 204.9	30
Mile 205 - 206.9	12	Mile 205 - 206.9	15
Mile 207 - 209.9	27	Mile 207 - 209.9	24
Mile 210 -212.9	62	Mile 210 -212.9	27
Mile 213 - 216.9	46	Mile 213 - 216.9	68
Mile 217 - 219.9	48	Mile 217 - 219.9	41
Mile 220 - 223.9	37	Mile 220 - 223.9	34
Mile 224 -227.9	31	Mile 224 -227.9	25
Mile 228 - 228.9	13	Mile 228 - 228.9	10
Mile 229 -229.9	3	Mile 229 -229.9	0
Mile 230 - 239.9	8	Mile 230 - 239.9	1
> Mile 240	0	> Mile 240	0
North Total	1616	South Total	1474

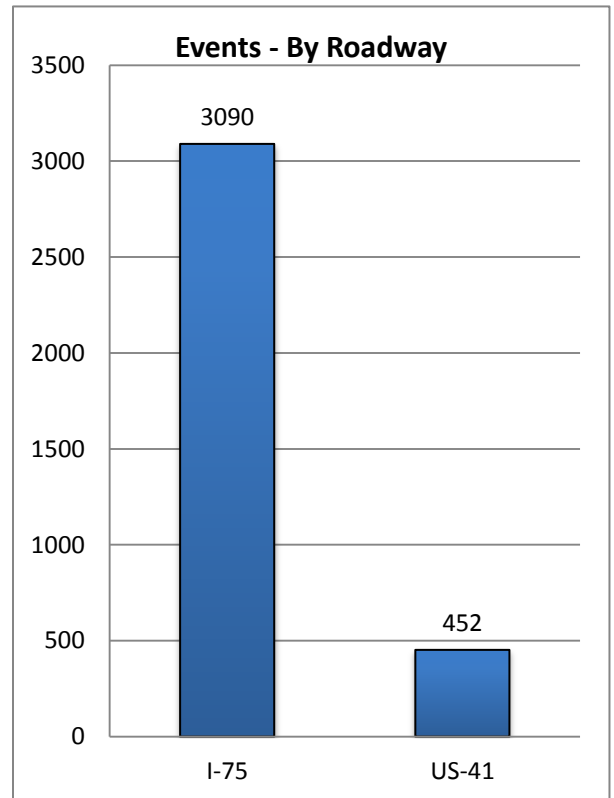
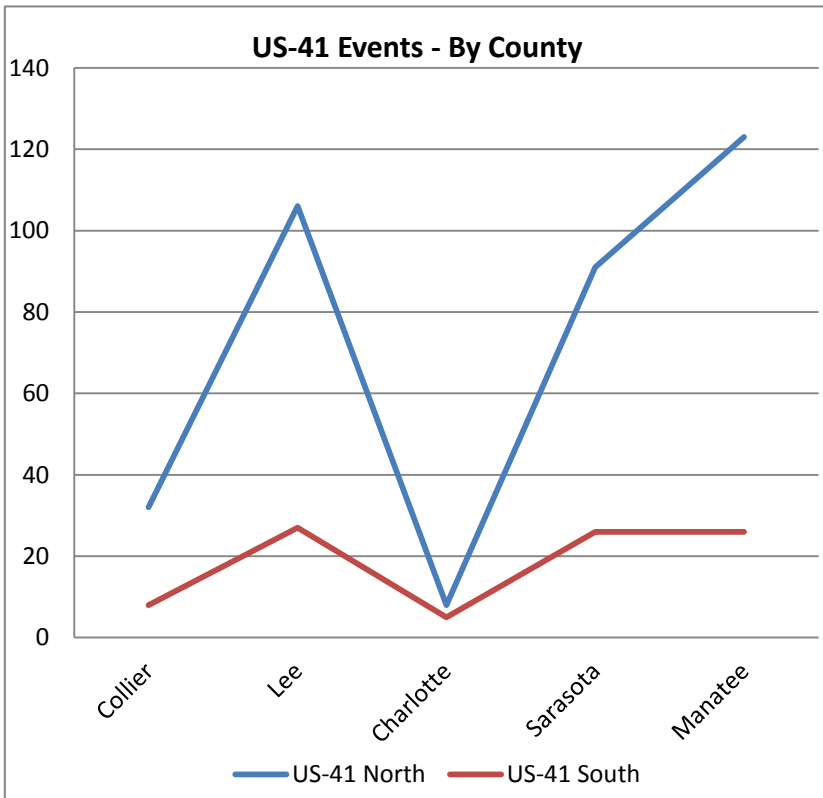
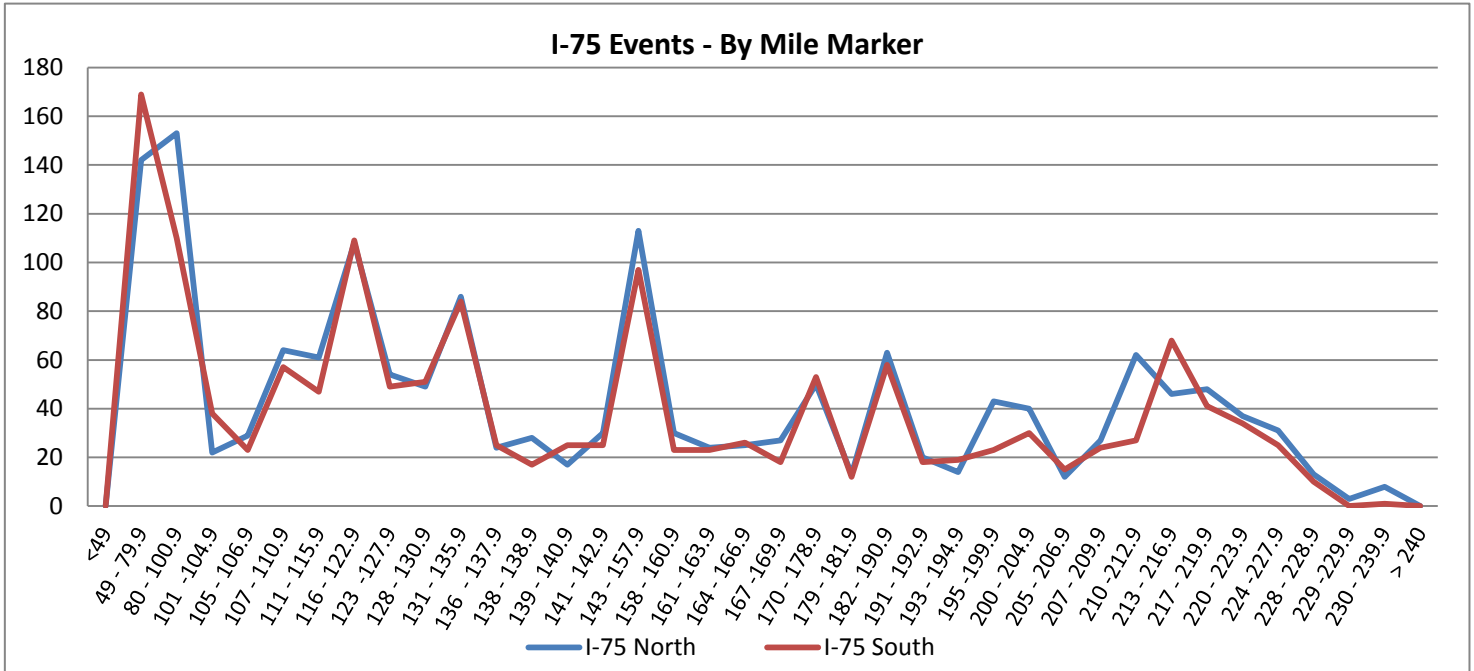
US-41 Northbound	
Collier	32
Lee	106
Charlotte	8
Sarasota	91
Manatee	123
North Total	360

US-41 Southbound	
Collier	8
Lee	27
Charlotte	5
Sarasota	26
Manatee	26
South Total	92

Total Events on US-41
452

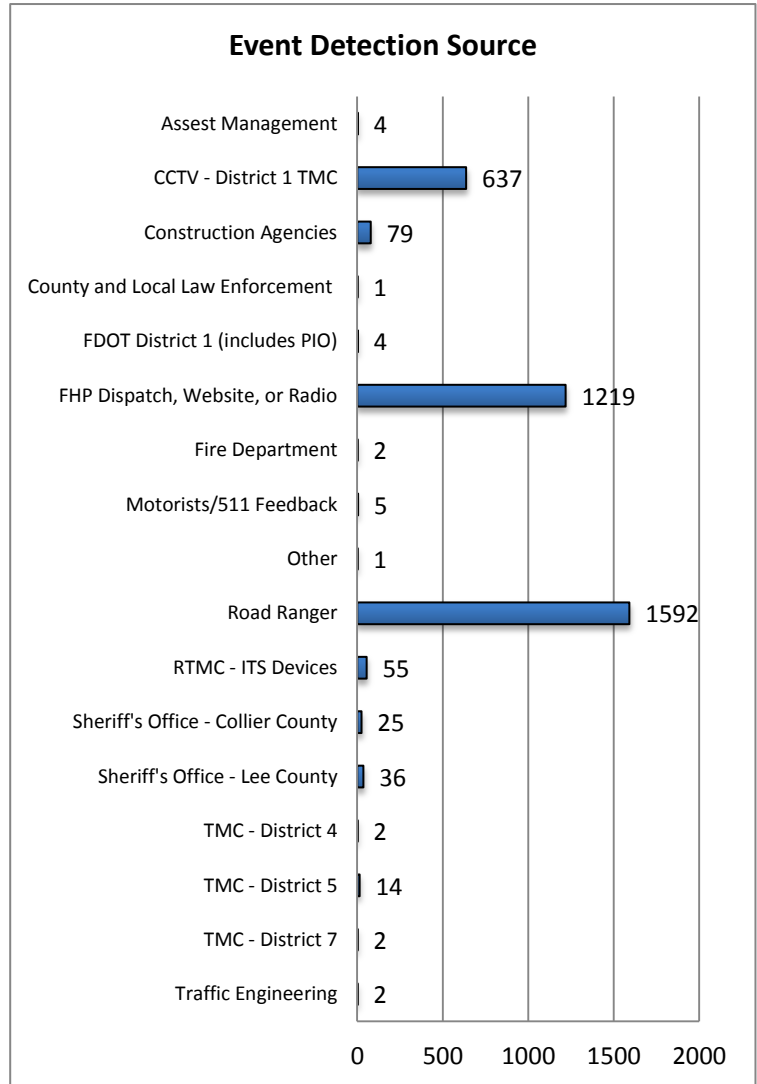
Total Events on I-75
3090

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





16. Event Detection Source:		
Assest Management (includes Dbi & ICA)	4	0.1%
CCTV - District 1 TMC	637	17.3%
CCTV - Other	0	0.0%
Construction Agencies	79	2.1%
County and Local Law Enforcement	1	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)	4	0.1%
FDOT Maintenance	0	0.0%
FHP Dispatch, Website, or Radio	1219	33.1%
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	5	0.1%
Other	1	0.0%
Other Airport	0	0.0%
Other Field Personnel	0	0.0%
Road Ranger	1592	43.3%
RTMC - ITS Devices (TSS & Safety Barrier)	55	1.5%
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	25	0.7%
Sheriff's Office - Lee County	36	1.0%
Sheriff's Office - Manatee County	0	0.0%
Sheriff's Office - Sarasota County	0	0.0%
SW Florida Internantion Airport	0	0.0%
TMC - District 4	2	0.1%
TMC - District 5	14	0.4%
TMC - District 7	2	0.1%
TMC - Other Districts	0	0.0%
Tow Truck Companies	0	0.0%
Traffic Engineering	2	0.1%
Total Number of Incidents	3680	100.0%

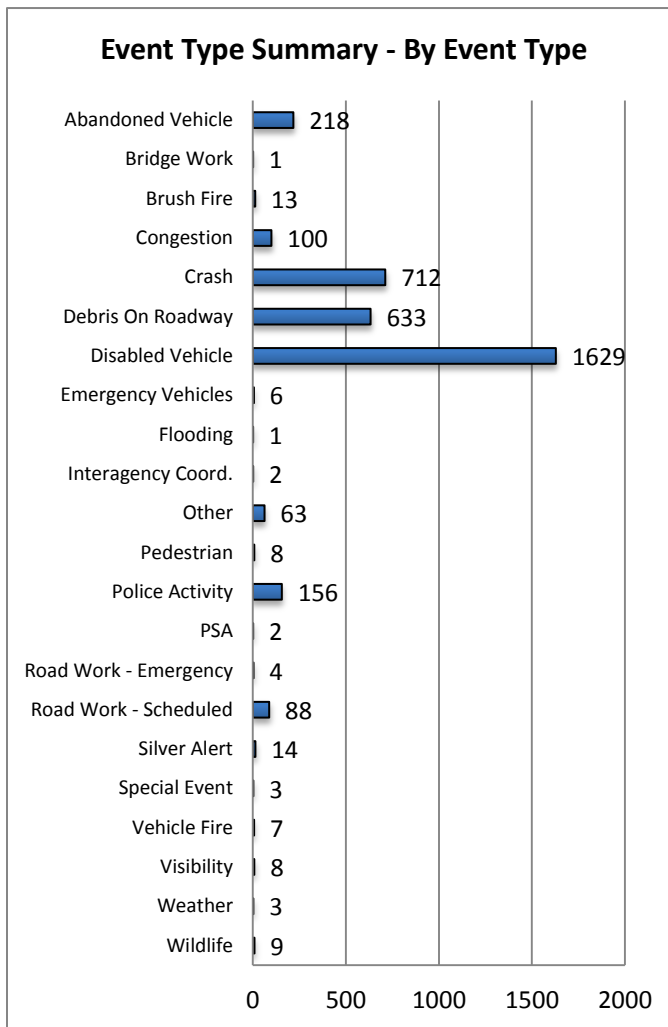


Note: Event Detection Source Categories listed as zero are not included in the above chart.



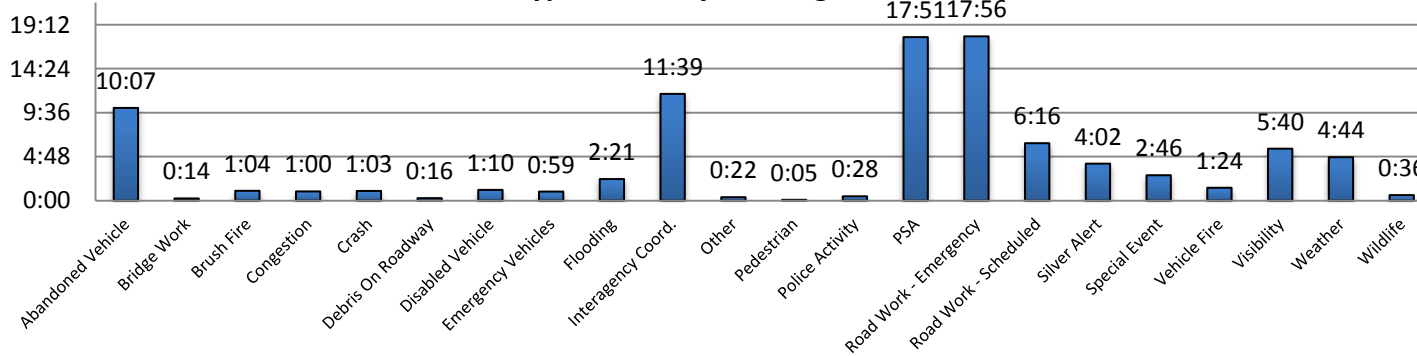
17. Event Type Summary

Event Types	# of Events	Average On Scene Time	Average Event Duration
Abandoned Vehicle	218	0:36	10:07
Amber Alert	0	0:00	0:00
Bridge Work	1	0:00	0:14
Brush Fire	13	0:07	1:04
Congestion	100	0:02	1:00
Crash	712	0:45	1:03
Debris On Roadway	633	0:10	0:16
Disabled Vehicle	1629	0:24	1:10
Emergency Vehicles	6	0:44	0:59
Evacuation	0	0:00	0:00
Flooding	1	2:21	2:21
Interagency Coord.	2	0:00	11:39
LEO Alert	0	0:00	0:00
Other	63	0:05	0:22
Pedestrian	8	0:03	0:05
Police Activity	156	0:23	0:28
PSA	2	0:00	159:19
Road Work - Emergency	4	11:37	17:56
Road Work - Scheduled	88	0:15	6:16
Silver Alert	14	0:00	4:02
Special Event	3	0:00	2:46
Vehicle Fire	7	1:15	1:24
Visibility	8	0:00	5:40
Weather	3	0:00	4:44
Wildlife	9	0:21	0:36
Total Events	3680	0:52	10:36



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 &
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

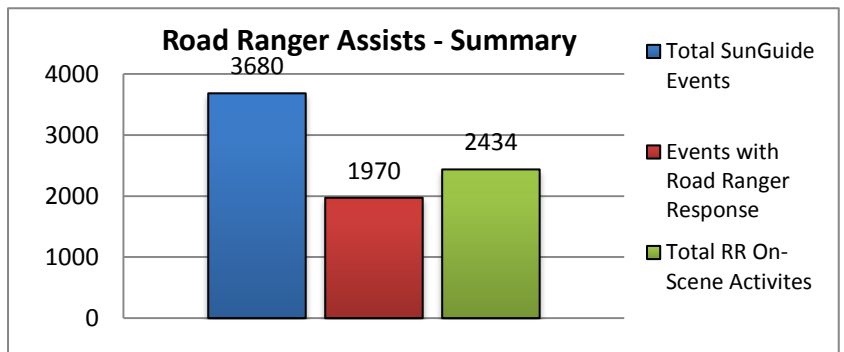
Saturday Road Rangers			
RR104	MM 49-80	RR111	MM 167-193
RR103	MM 80-105	RR113	MM 210-230
RR105	(Spare Truck)	RR112	MM 224-230
RR106	MM 105-123		I-275 MM 0-13
RR109	MM 143-170	*RR113	I-275 MM 0-13

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

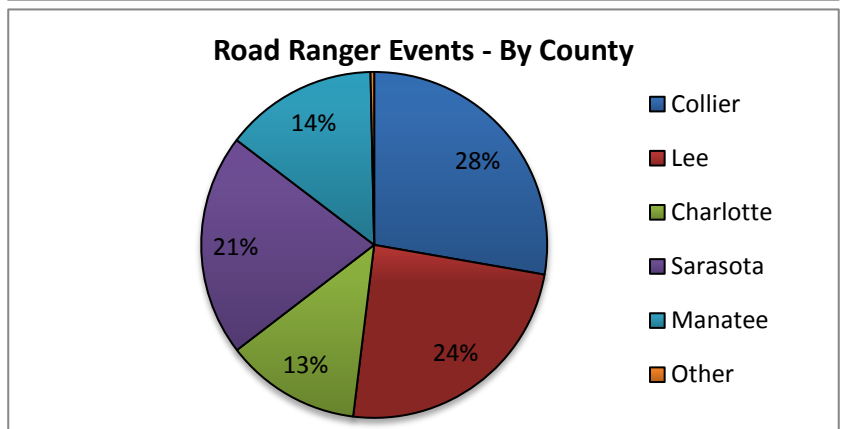
Sunday Road Rangers			
RR103	MM 49-80	RR111	MM 167-193
RR104	MM 80-105	RR113	MM 210-230
RR105	(Spare Truck)	RR112	MM 224-230
RR106	MM 105-123		I-275 MM 0-13
RR109	MM 143-170	*RR113	I-275 MM 0-13

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

18. Road Ranger Assists Summary	
Total SunGuide Events	3680
Events with Road Ranger Response	1970
Total RR On-Scene Activities	2434
Average Activities/Assisted Event	1.24
% of Events Assisted	53.53%



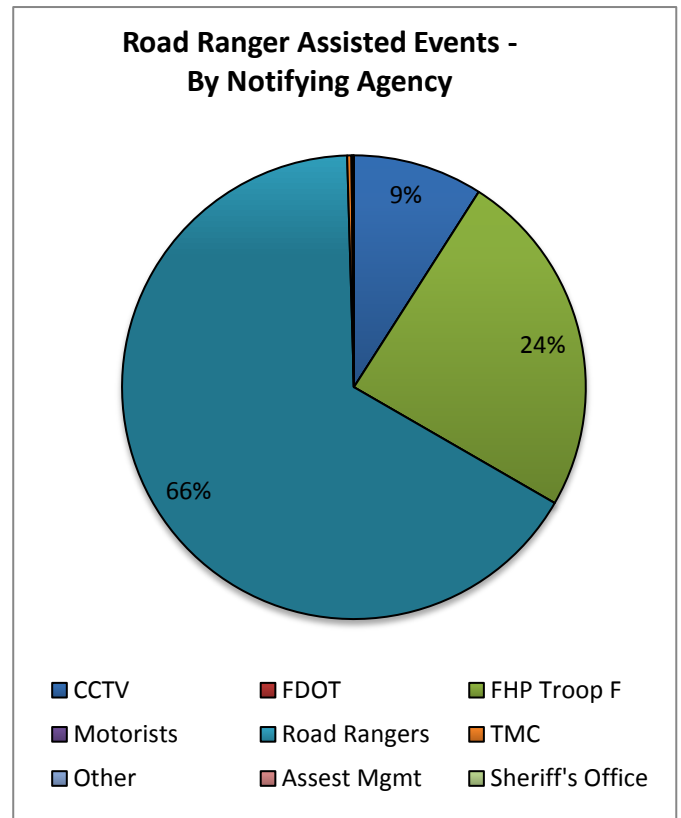
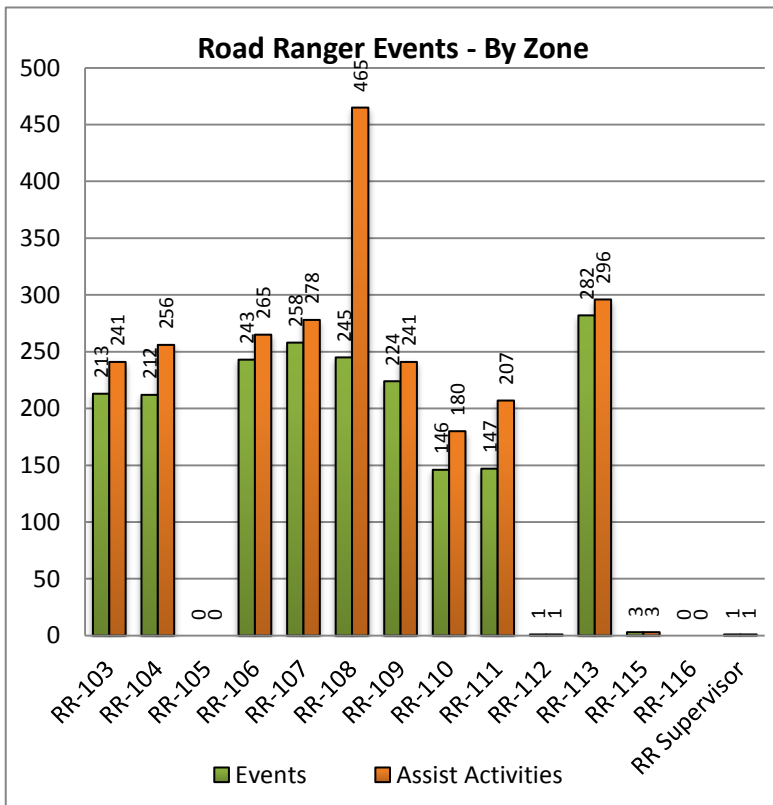
19. Road Ranger Events By County:	
District 1 Counties	Road Ranger Events
Collier	656
Lee	572
Charlotte	299
Sarasota	491
Manatee	338
Other	8
Totals	2364





20. Road Ranger Events - By Zone:		
Road Ranger Zones	Road Ranger Events	Assist Activities
RR-103	213	241
RR-104	212	256
RR-105	0	0
RR-106	243	265
RR-107	258	278
RR-108	245	465
RR-109	224	241
RR-110	146	180
RR-111	147	207
RR-112	1	1
RR-113	282	296
RR-115	3	3
RR-116	0	0
RR Supervisor	1	1
Totals	1975	2434

21. Road Ranger Assisted Events - By Notifying Agency:		
Notifying Agency	Number of Events	% of Events
CCTV	214	9.1%
FDOT	0	0.0%
FHP Troop F	574	24.3%
Motorists	0	0.0%
Road Rangers	1565	66.2%
TMC	7	0.3%
Other	2	0.1%
Assest Mgmt	1	0.0%
Sheriff's Office	1	0.0%
Totals	2364	100.0%

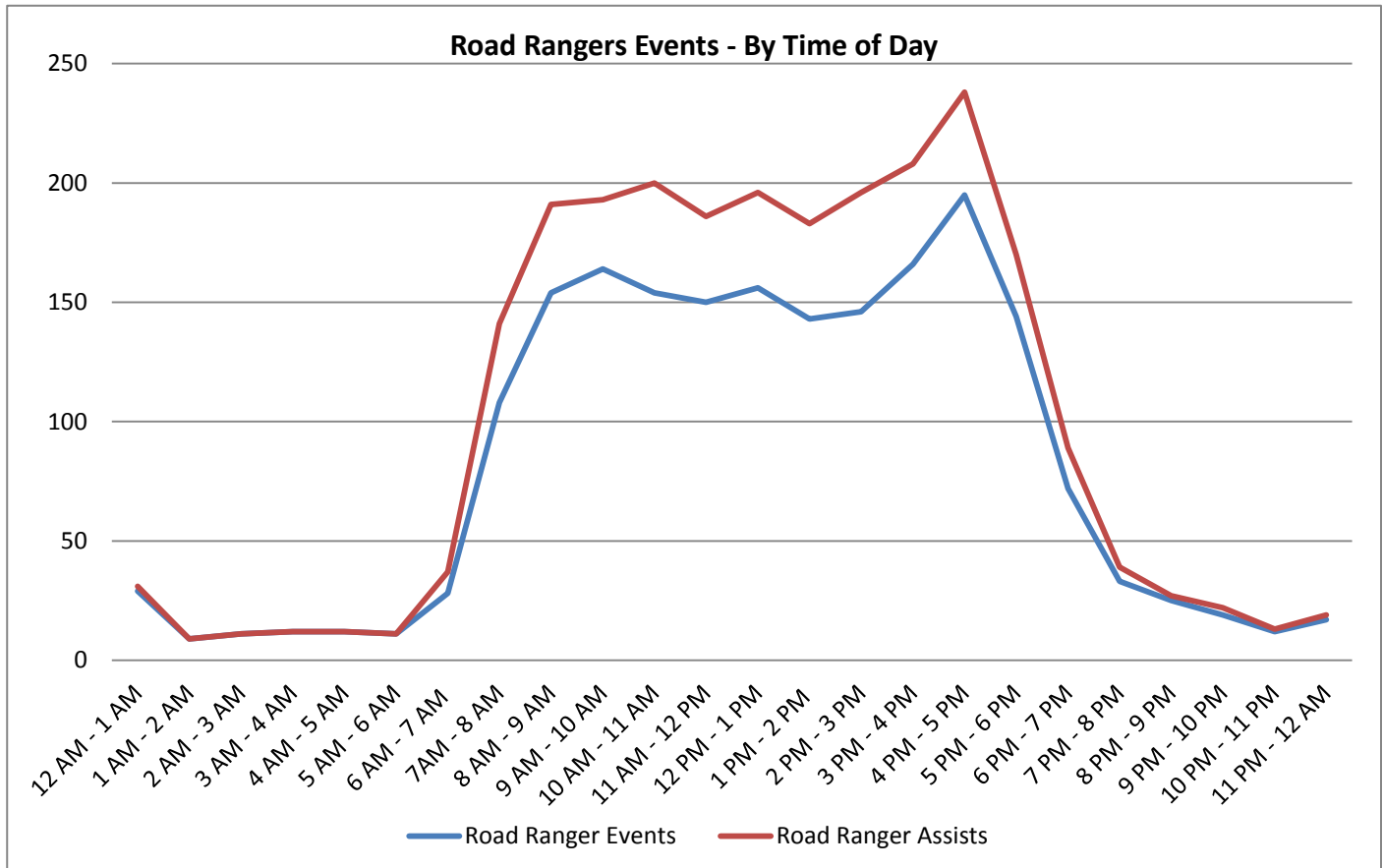




**22. Road Ranger Assisted Events -
By Time of Day:**

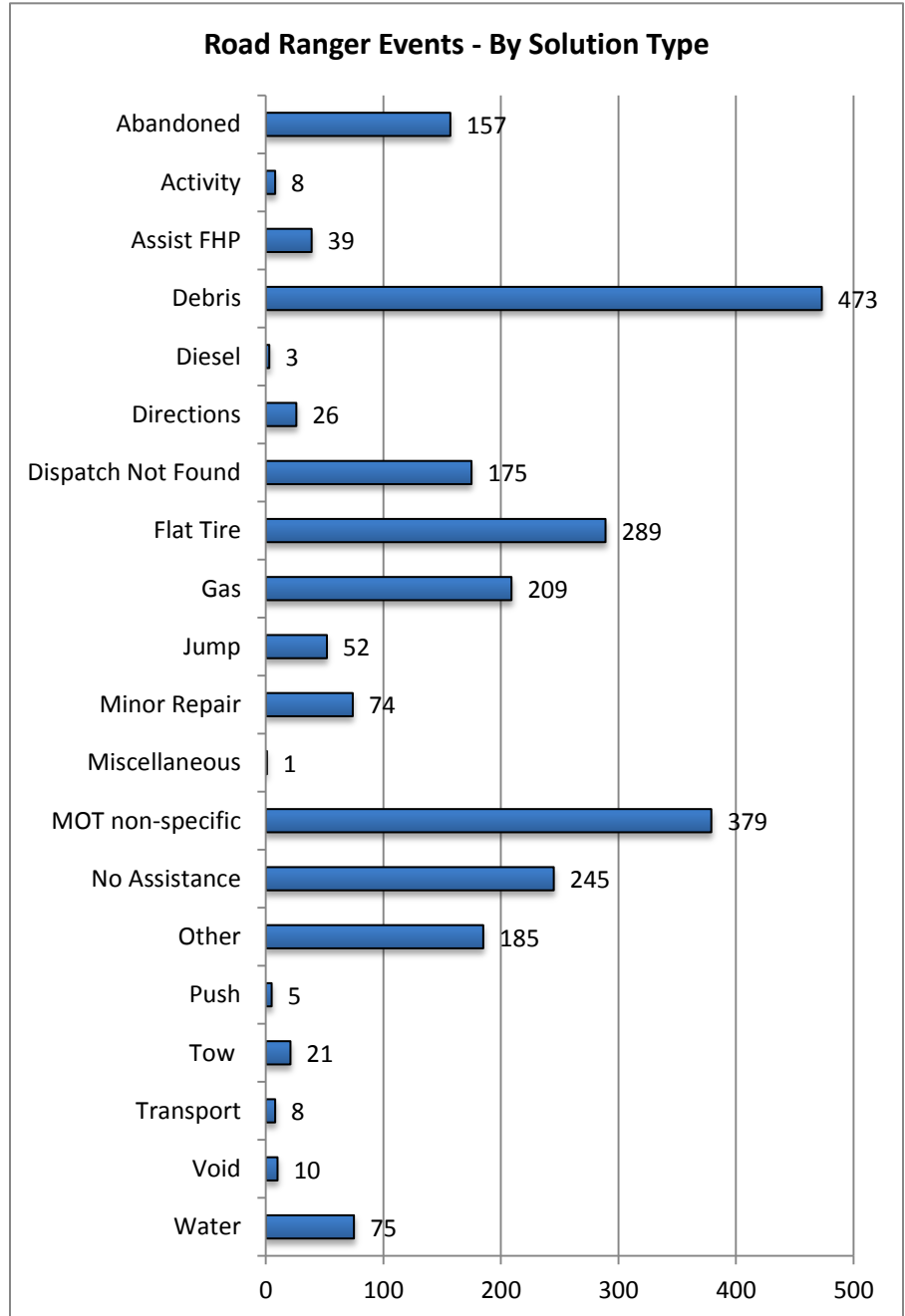
Time of Day	RR Events	RR Assists
12 AM - 1 AM	29	31
1 AM - 2 AM	9	9
2 AM - 3 AM	11	11
3 AM - 4 AM	12	12
4 AM - 5 AM	12	12
5 AM - 6 AM	11	11
6 AM - 7 AM	28	37
7 AM - 8 AM	108	141
8 AM - 9 AM	154	191
9 AM - 10 AM	164	193
10 AM - 11 AM	154	200
11 AM - 12 PM	150	186

Time of Day	RR Events	RR Assists
12 PM - 1 PM	156	196
1 PM - 2 PM	143	183
2 PM - 3 PM	146	196
3 PM - 4 PM	166	208
4 PM - 5 PM	195	238
5 PM - 6 PM	144	170
6 PM - 7 PM	72	89
7 PM - 8 PM	33	39
8 PM - 9 PM	25	27
9 PM - 10 PM	19	22
10 PM - 11 PM	12	13
11 PM - 12 AM	17	19
Totals	1970	2434





23. Road Ranger Events - By Solution Type:	
Problem Type	# of Assists
Abandoned	157
Absorbant	0
Activity	8
Assist FHP	39
Bleach	0
Cold Patch Asphalt	0
Debris	473
Deploy Cones	0
Diesel	3
Directions	26
Dispatch Not Found	175
Flare	0
Flat Tire	289
Flood Lamp	0
Gas	209
Jump	52
Livestock	0
Lockout	0
Minor Repair	74
Miscellaneous	1
MOT non-specific	379
No Assistance	245
Oil	0
Other	185
Phone	0
Portland Cement	0
Push	5
Radio	0
Tow	21
Translate	0
Transmission Fluid	0
Transport	8
Turbo Flare	0
Unsuccessful Repair	0
Void	10
Water	75
Wildlife	0
Total Assist Activities	2434



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