



**This is the FDOT District 1 SWIFT SunGuide Center Monthly Operations Report for October, 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.



1. Total Number of SunGuide Events:	
	4989

2. Number of Lane Blocking Events:	
	352

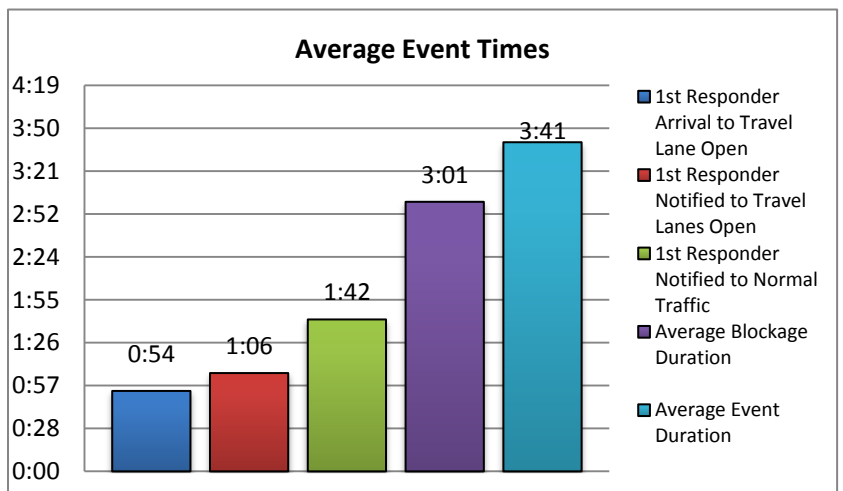
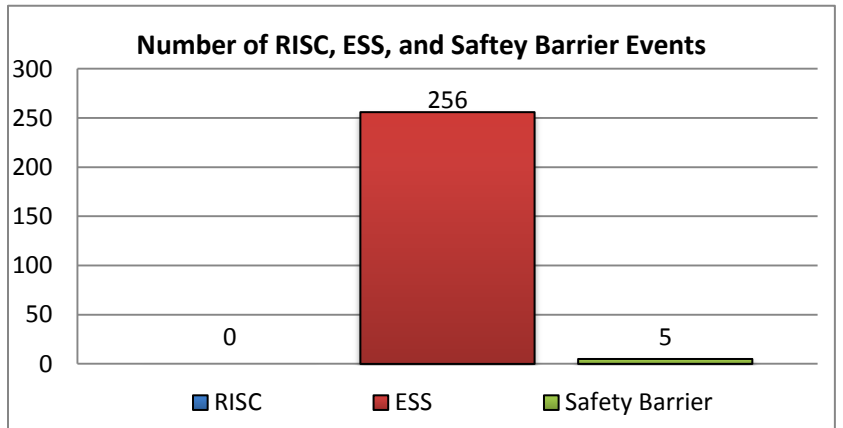
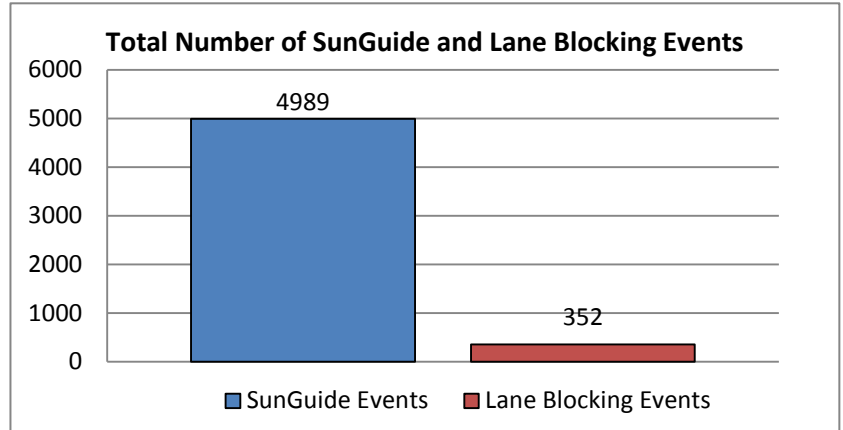
3. Number of RISC Events:	
	0

4. Number of ESS Events:	
	256

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	0:54
Average Incident Duration From First Responder Notified to Travel Lane Open	1:06
Average Incident Duration From First Responder Notified to Normal Traffic	1:42

7. Average Blockage/Event Duration - For All Lane Blocking Events	
Number of Events	4989
Number of Lane Blocking Events	352
Number of Secondary Incidents	33
Average Blockage Duration	3:01
Average Event Duration	3:41



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.



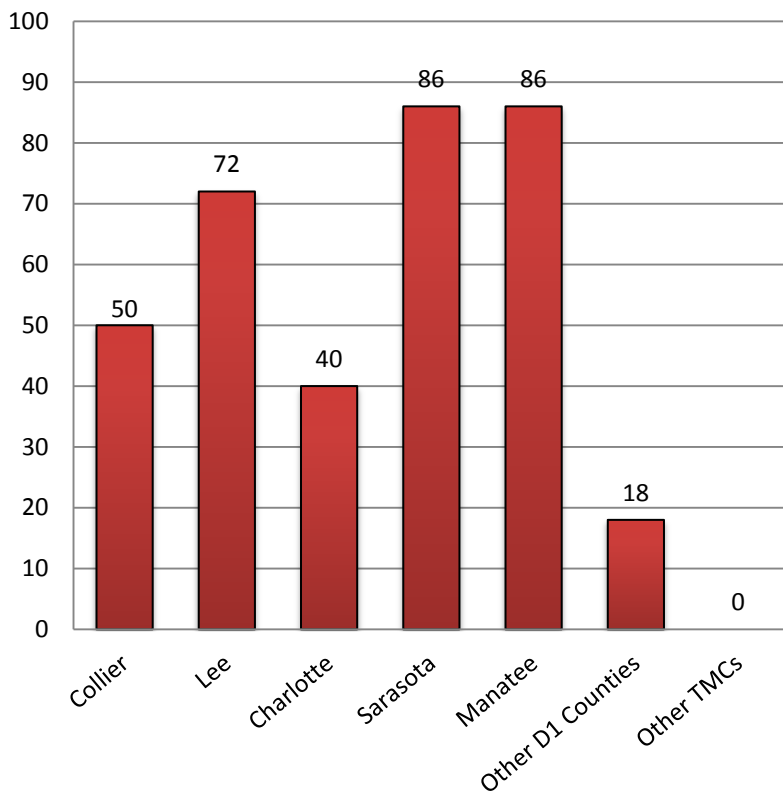
8. Lane Blocking Incidents - By County and Roadway:

Roadways	Collier County	Lee County	Charlotte County	Sarasota County	Manatee County	Other Dist 1 Counties
I-75	32	45	35	60	66	-
US-41	5	14	3	10	11	-
I-275	-	-	-	-	1	-
Arterials	13	13	2	16	8	18
Total Incidents	50	72	40	86	86	18

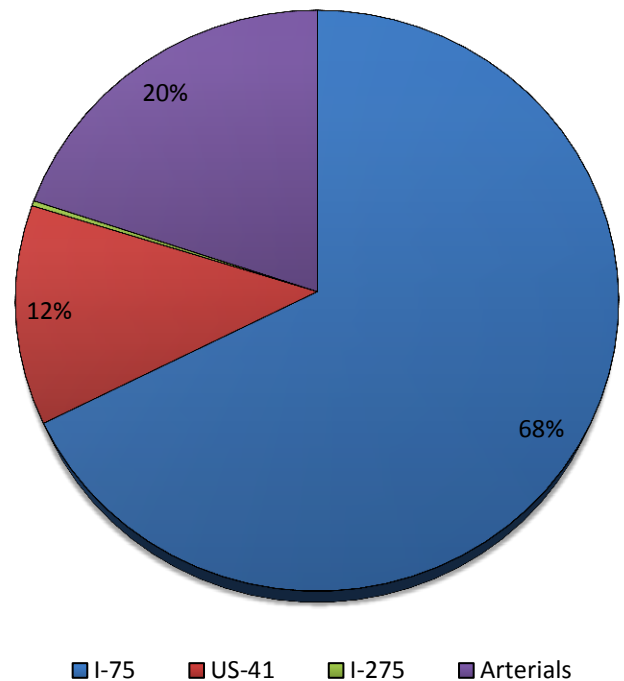
Roadways	District 7* TMC	District 6* TMC	District 4* TMC	FL Turnpike* TMC	Total Incidents By Roadway
I-75	0	0	0	-	238
US-41	0	0	-	-	43
I-275	0	-	-	-	1
Arterials	0	0	0	0	70
Total Incidents	0	0	0	0	352

*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



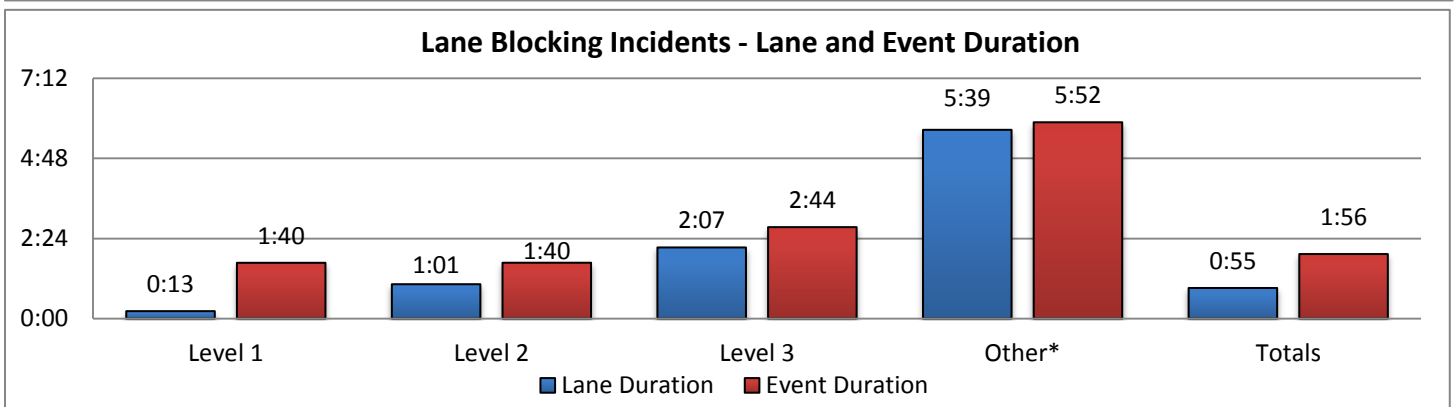
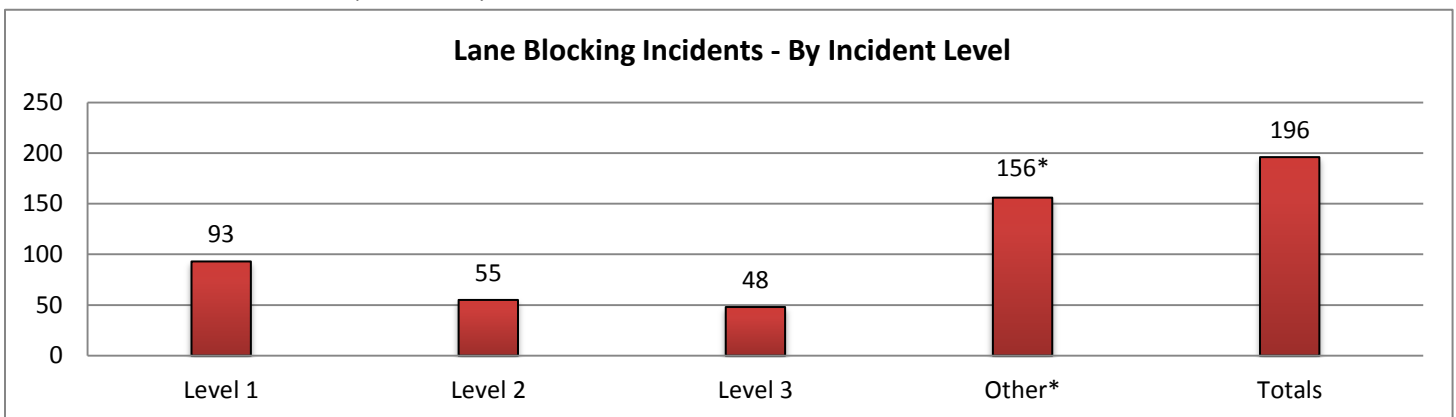


9. LANE BLOCKING INCIDENTS - By Incident Level:

	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	10	0:18	2:19	25	0:11	2:00	10	0:17	0:56	25	0:11	1:48
Level 2	8	0:56	1:31	11	0:58	1:31	5	1:03	1:24	18	1:07	1:51
Level 3	13	2:55	3:27	10	1:36	1:48	7	1:48	2:14	5	1:50	3:33
Other*	19*	5:35	6:14	26*	3:22	3:35	18*	5:41	5:46	38*	5:39	5:43
Totals	31	1:33	2:35	46	0:40	1:50	22	0:56	1:27	48	0:42	2:00

	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	23	0:15	1:13	0	0:00	0:00	0	0:00	0:00	93	0:13	1:40
Level 2	13	1:01	1:46	0	0:00	0:00	0	0:00	0:00	55	1:01	1:40
Level 3	13	2:03	2:43	0	0:00	0:00	0	0:00	0:00	48	2:07	2:44
Other*	37*	7:02	7:06	18*	6:12	6:48	0*	0:00	0:00	156*	5:39	5:52
Totals	49	0:55	1:45	0	0:00	0:00	0	0:00	0:00	196	0:55	1:56

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

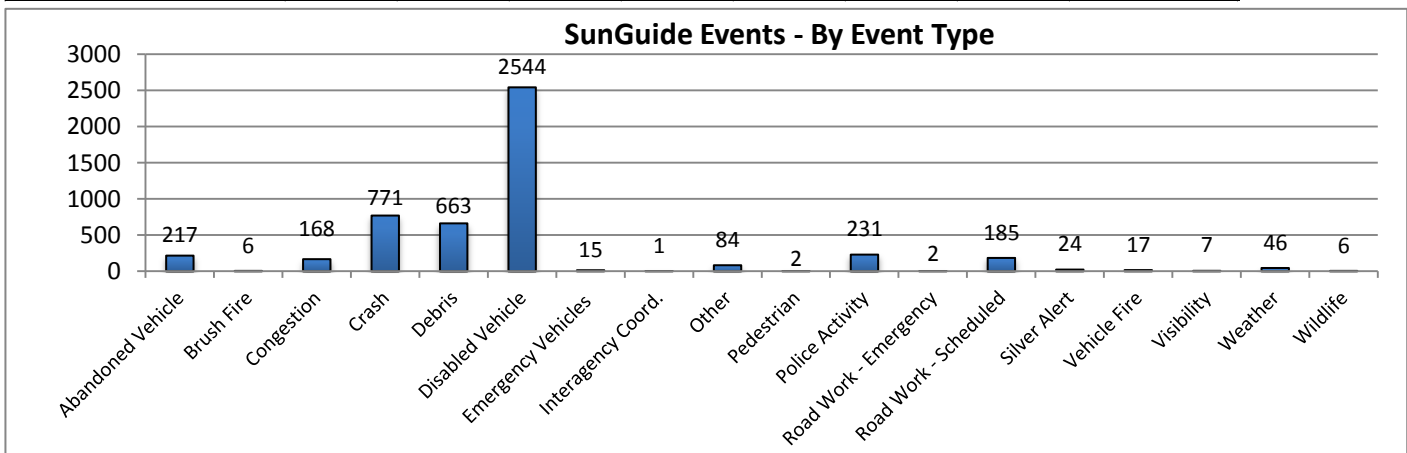




10. SunGuide Events - by Event Type:

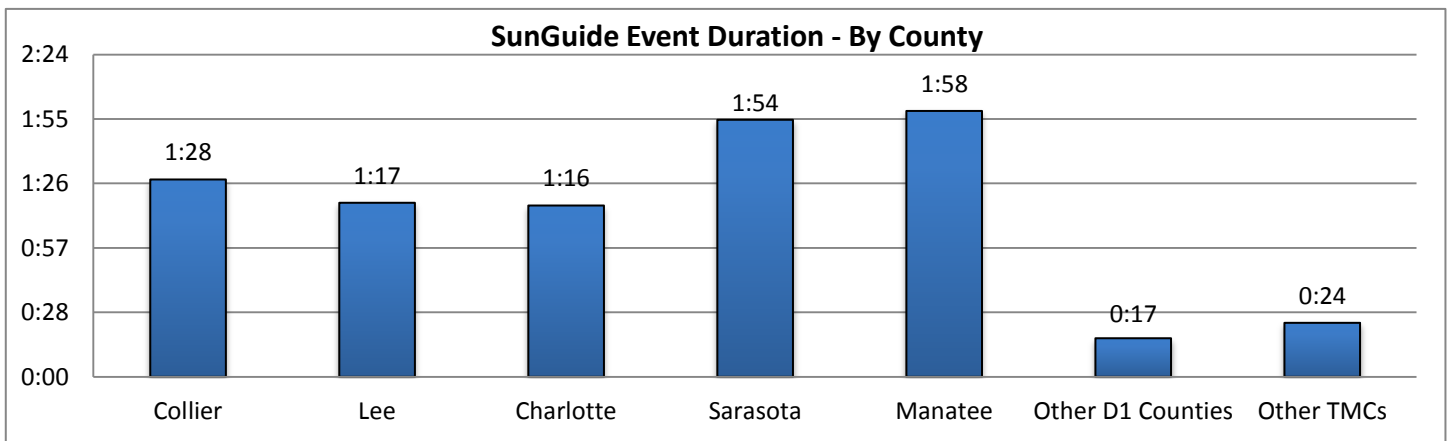
Incidents	Collier County	Lee County	Charlotte County	Sarasota County	Manatee County	Other D-1 Counties	Other Dist. TMCs	Total # of Events
Abandoned Vehicle	34	67	24	50	42	0	0	217
Amber Alerts	0	0	0	0	0	0	0	0
Bridge Work	0	0	0	0	0	0	0	0
Brush Fire	0	1	2	1	2	0	0	6
Congestion	11	26	2	58	71	0	0	168
Crash	66	172	40	246	245	0	2	771
Debris	107	164	92	172	128	0	0	663
Disabled Vehicle	849	685	184	455	364	1	6	2544
Emergency Vehicles	5	1	4	1	4	0	0	15
Evacuation	0	0	0	0	0	0	0	0
Flooding	0	0	0	0	0	0	0	0
Interagency Coord.	0	0	0	0	1	0	0	1
LEO Alerts	0	0	0	0	0	0	0	0
Other	11	35	14	15	6	3	0	84
Pedestrian	0	1	0	0	1	0	0	2
Police Activity	78	75	39	24	15	0	0	231
PSA	0	0	0	0	0	0	0	0
Road Work - Emergency	1	0	0	0	1	0	0	2
Road Work - Scheduled	20	42	19	39	44	21	0	185
Silver Alert	0	24	0	0	0	0	0	24
Special Events	0	0	0	0	0	0	0	0
Vehicle Fire	4	6	0	2	5	0	0	17
Visibility	2	2	1	1	1	0	0	7
Weather	11	9	6	11	9	0	0	46
Wildlife	1	1	2	1	1	0	0	6
Total Incidents	1200	1311	429	1076	940	25	8	4989

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	13:29	7:15	6:05	10:11	11:14	0:00	0:00	9:32
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	0:00	0:11	0:12	0:18	0:20	0:00	0:00	0:15
Congestion	0:59	0:42	0:21	1:07	1:05	0:00	0:00	1:01
Crash	1:39	1:04	1:03	1:16	1:24	0:00	1:11	1:17
Debris	0:12	0:15	0:10	0:31	0:21	0:00	0:00	0:19
Disabled Vehicle	1:07	0:55	1:04	1:48	1:37	0:01	0:08	1:15
Emergency Vehicles	0:24	1:36	1:14	0:05	1:08	0:00	0:00	0:52
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.	0:00	0:00	0:00	0:00	1:30	0:00	0:00	1:30
LEO Alerts	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
Other	0:24	0:13	0:07	0:12	0:09	0:03	0:00	0:12
Pedestrian	0:00	1:45	0:00	0:00	0:38	0:00	0:00	1:11
Police Activity	0:20	0:23	0:19	0:16	0:38	0:00	0:00	0:21
PSA	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
Road Work - Emergency	0:44	0:00	0:00	0:00	8:16	0:00	0:00	4:30
Road Work - Scheduled	6:50	4:01	5:28	5:45	6:22	0:19	0:00	4:58
Silver Alert	0:00	4:18	0:00	0:00	0:00	0:00	0:00	4:18
Special Events	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
Vehicle Fire	5:10	1:14	0:00	2:52	1:42	0:00	0:00	2:29
Visibility	3:25	3:12	6:55	4:16	3:53	0:00	0:00	4:02
Weather	1:37	1:48	2:18	2:00	1:54	0:00	0:00	1:53
Wildlife	0:47	1:02	1:32	0:12	0:30	0:00	0:00	0:55
Total Incidents	1:28	1:17	1:16	1:54	1:58	0:17	0:24	1:35





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
2666	260	10	2:39

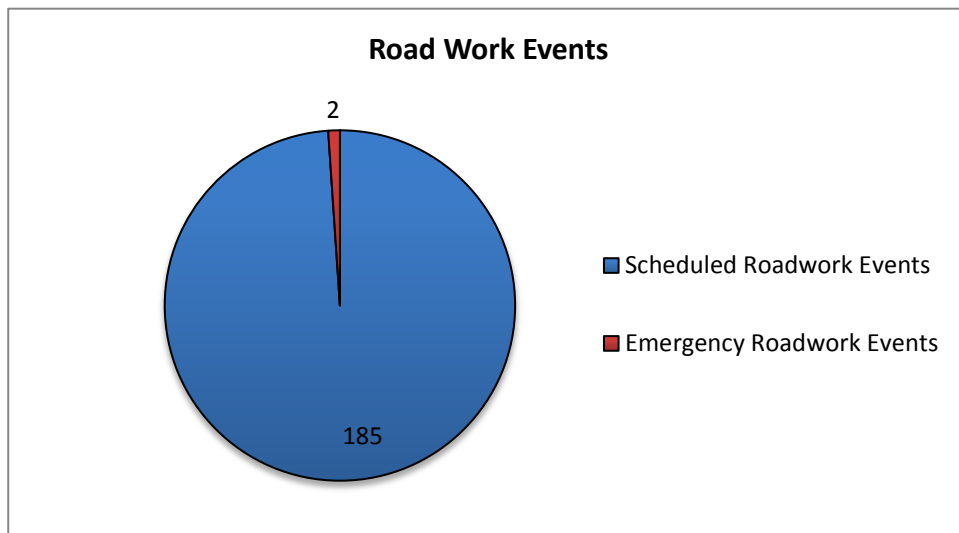
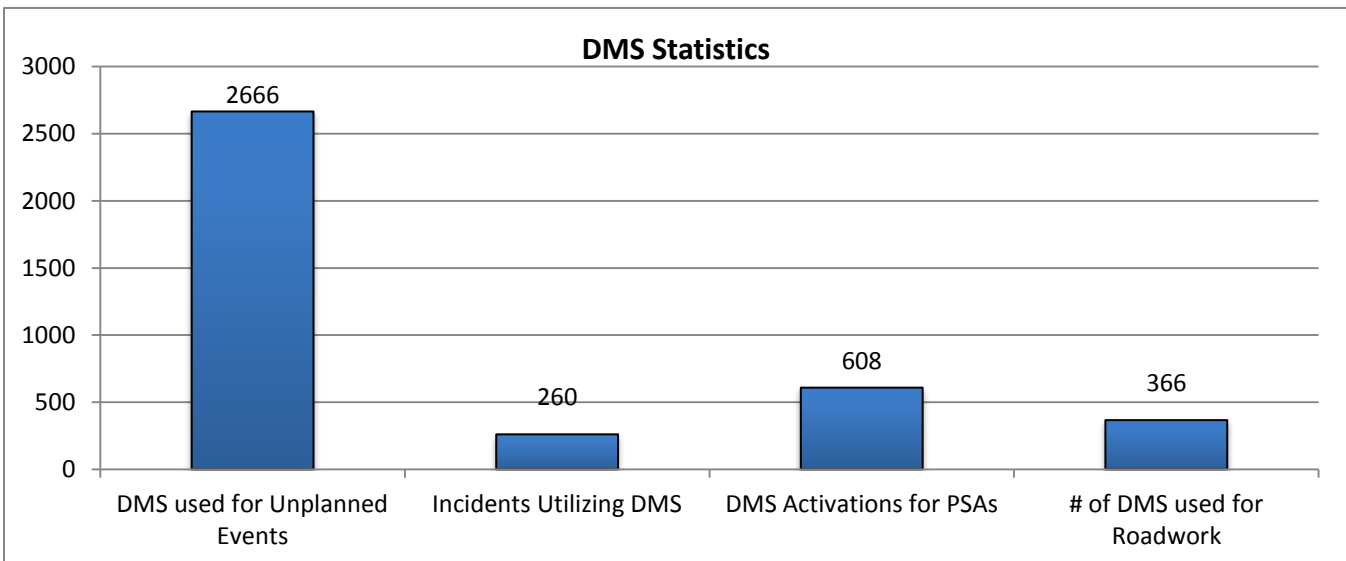
13. PSA - DMS Activations:

Number of Public Service Announcement DMS Activations
608

14. Road Work - DMS Statistics:

Scheduled Road Work	Emergency Road Work	Total # Road Work Patterns
185	2	187
# DMS Used for Road Work		Average # of DMS/Pattern
366		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	2
Mile 49-79.9	155	Mile 49-79.9	190
Mile 80-100.9	234	Mile 80-100.9	228
Mile 101-104.9	22	Mile 101-104.9	24
Mile 105-106.9	43	Mile 105-106.9	41
Mile 107-110.9	56	Mile 107-110.9	58
Mile 111-115.9	68	Mile 111-115.9	51
Mile 116-122.9	147	Mile 116-122.9	112
Mile 123-127.9	105	Mile 123-127.9	68
Mile 128-130.9	50	Mile 128-130.9	44
Mile 131-135.9	98	Mile 131-135.9	68
Mile 136 -137.9	32	Mile 136 -137.9	22
Mile 138 -138.9	29	Mile 138 -138.9	25
Mile 139 - 140.9	50	Mile 139 - 140.9	30
Mile 141 - 142.9	41	Mile 141 - 142.9	31
Mile 143 - 157.9	166	Mile 143 - 157.9	146
Mile 158 - 160.9	35	Mile 158 - 160.9	23
Mile 161 - 163.9	28	Mile 161 - 163.9	24
Mile 164 - 166.9	27	Mile 164 - 166.9	36
Mile 167 -169.9	52	Mile 167 -169.9	25
Mile 170 - 178.9	56	Mile 170 - 178.9	59
Mile 179 - 181.9	20	Mile 179 - 181.9	19
Mile 182 - 190.9	70	Mile 182 - 190.9	72
Mile 191 - 192.9	15	Mile 191 - 192.9	25
Mile 193 - 194.9	25	Mile 193 - 194.9	23
Mile 195 -199.9	55	Mile 195 -199.9	35
Mile 200 - 204.9	72	Mile 200 - 204.9	71
Mile 205 - 206.9	36	Mile 205 - 206.9	44
Mile 207 - 209.9	49	Mile 207 - 209.9	29
Mile 210 -212.9	110	Mile 210 -212.9	56
Mile 213 - 216.9	93	Mile 213 - 216.9	102
Mile 217 - 219.9	100	Mile 217 - 219.9	89
Mile 220 - 223.9	75	Mile 220 - 223.9	71
Mile 224 -227.9	78	Mile 224 -227.9	52
Mile 228 - 228.9	17	Mile 228 - 228.9	14
Mile 229 -229.9	0	Mile 229 -229.9	1
Mile 230 - 239.9	4	Mile 230 - 239.9	2
> Mile 240	0	> Mile 240	0
North Total	2315	South Total	2012

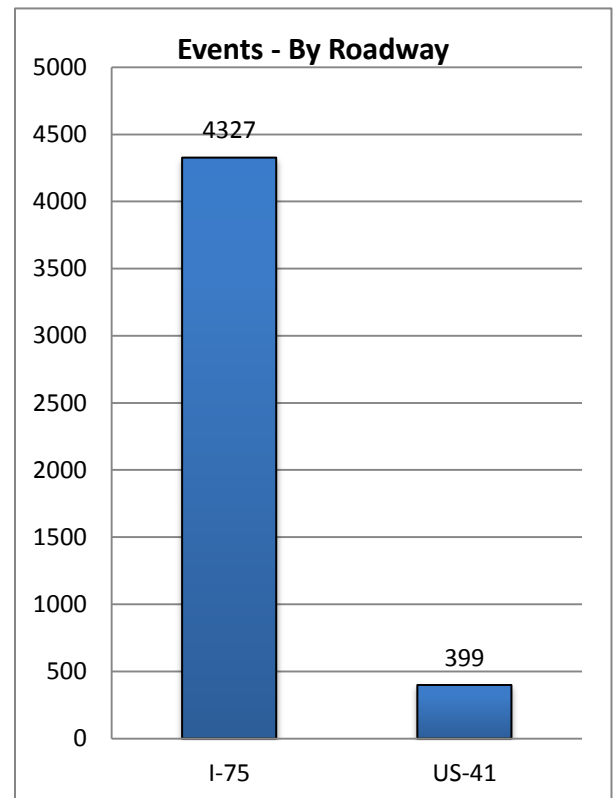
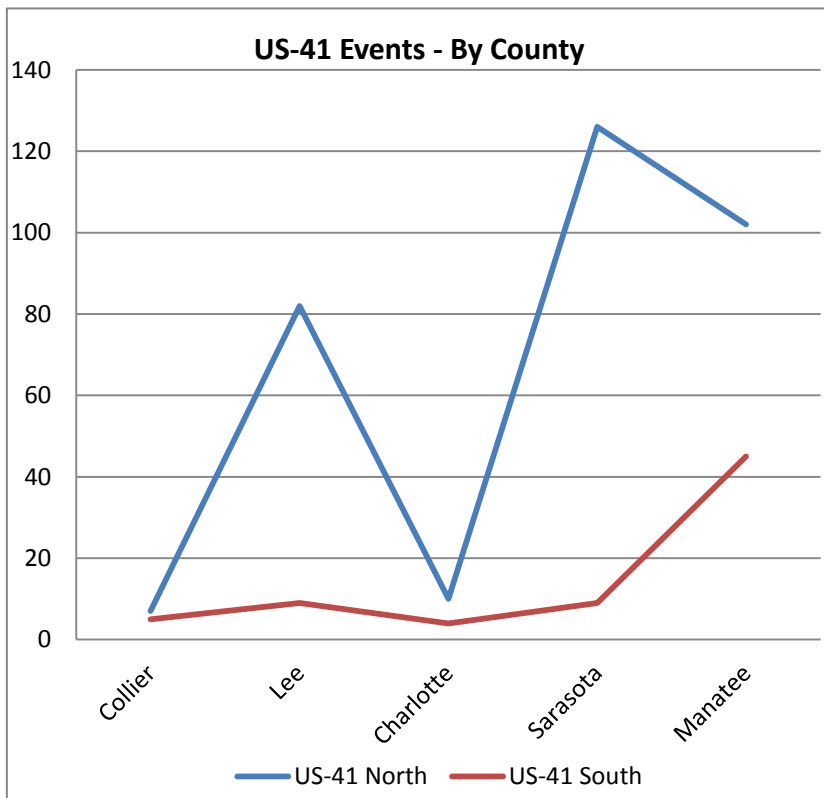
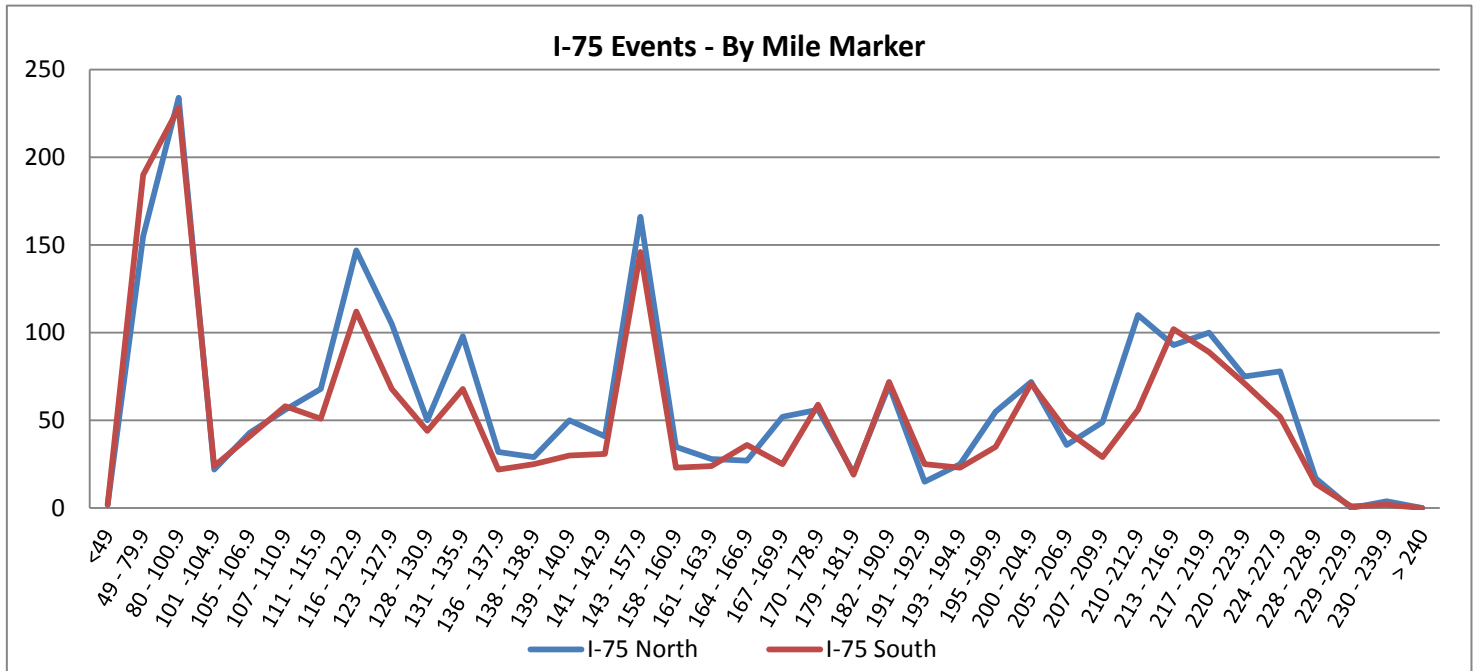
US-41 Northbound	
Collier	7
Lee	82
Charlotte	10
Sarasota	126
Manatee	102
North Total	327

US-41 Southbound	
Collier	5
Lee	9
Charlotte	4
Sarasota	9
Manatee	45
South Total	72

Total Events on US-41
399

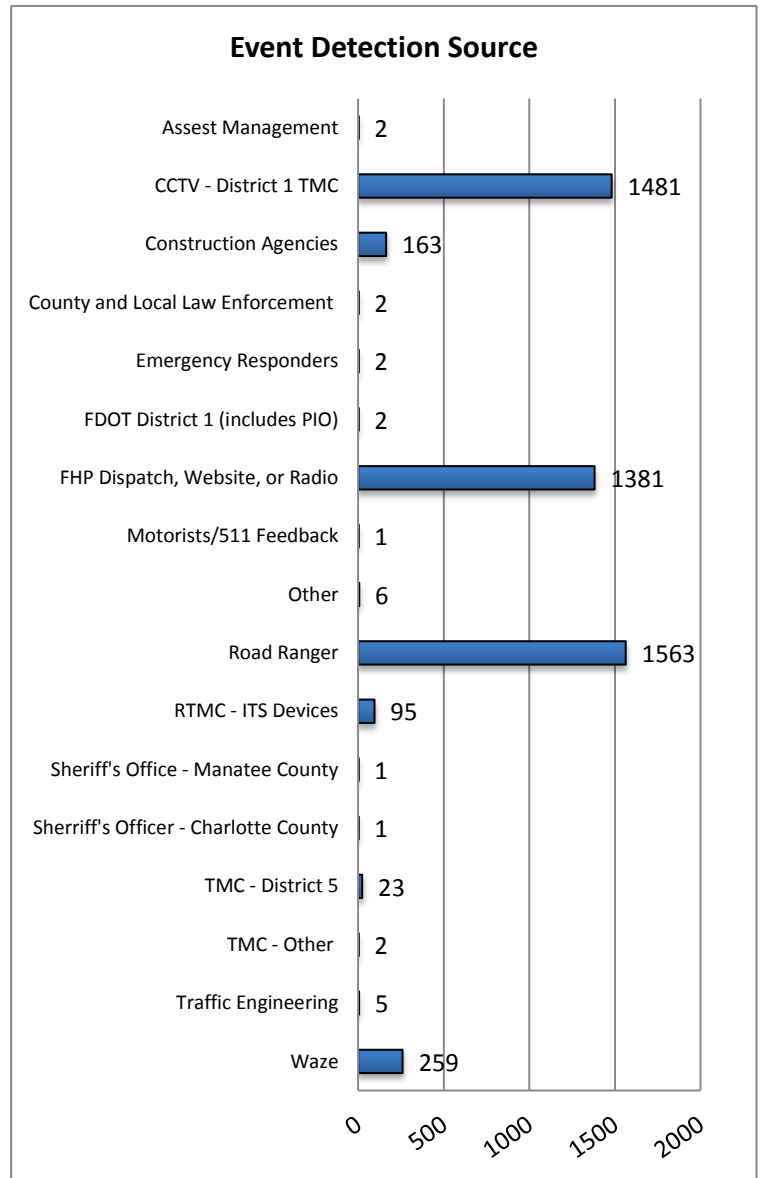
Total Events on I-75
4327

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





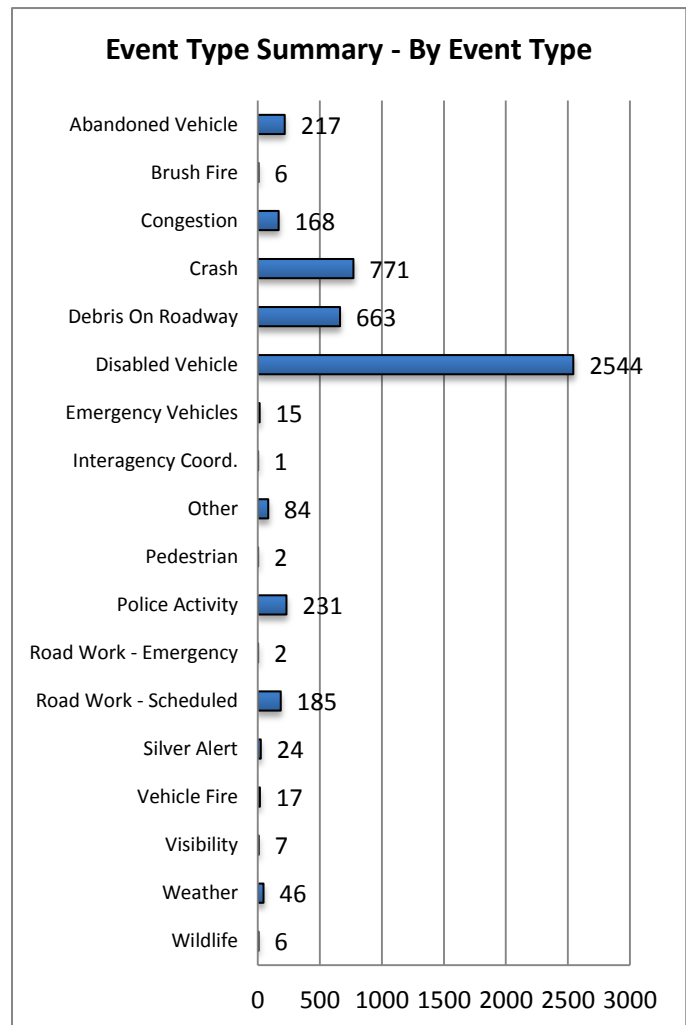
16. Event Detection Source:		
Assest Management (includes Dbi & ICA)	2	0.0%
CCTV - District 1 TMC	1481	29.7%
CCTV - Other	0	0.0%
Construction Agencies	163	3.3%
County and Local Law Enforcement	2	0.0%
Emergency Operations Centers	0	0.0%
Emergency Responders	2	0.0%
FDOT District 1 ITS Managers	0	0.0%
FDOT District 1 (includes PIO)	2	0.0%
FDOT Maintenance	0	0.0%
FHP Dispatch, Website, or Radio	1381	27.7%
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	1	0.0%
Other	6	0.1%
Other Airport	0	0.0%
Other Field Personnel	0	0.0%
Road Ranger	1563	31.3%
RTMC - ITS Devices (TSS & Safety Barrier)	95	1.9%
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	0	0.0%
Sheriff's Office - Lee County	0	0.0%
Sheriff's Office - Manatee County	1	0.0%
Sheriff's Office - Sarasota County	0	0.0%
SW Florida Internantion Airport	0	0.0%
TMC - District 4	0	0.0%
TMC - District 5	23	0.5%
TMC - District 7	0	0.0%
TMC - Other	2	0.0%
Tow Truck Companies	0	0.0%
Traffic Engineering	5	0.1%
Waze	259	5.2%
Total Number of Incidents	4989	100.0%



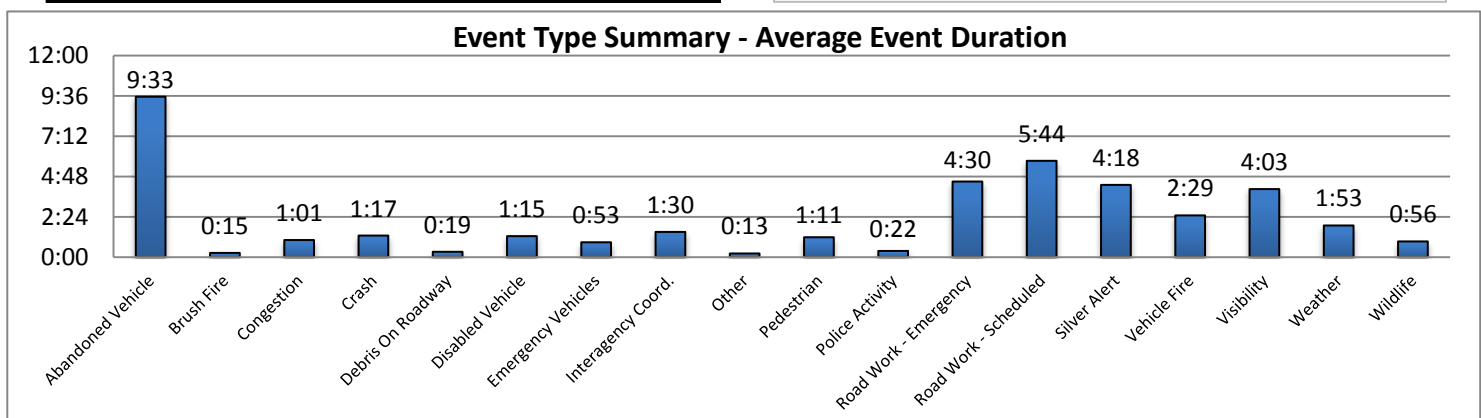
Note: Event Detection Source Categories listed as zero are not included in the above chart.



17. Event Type Summary			
Event Types	# of Events	Average On Scene Time	Average Event Duration
Abandoned Vehicle	217	1:16	9:33
Amber Alert	0	0:00	0:00
Bridge Work	0	0:00	0:00
Brush Fire	6	0:07	0:15
Congestion	168	0:00	1:01
Crash	771	0:59	1:17
Debris On Roadway	663	0:12	0:19
Disabled Vehicle	2544	0:22	1:15
Emergency Vehicles	15	0:41	0:53
Evacuation	0	0:00	0:00
Flooding	0	0:00	0:00
Interagency Coord.	1	0:00	1:30
LEO Alert	0	0:00	0:00
Other	84	0:06	0:13
Pedestrian	2	0:00	1:11
Police Activity	231	0:18	0:22
PSA	0	0:00	0:00
Road Work - Emergency	2	0:00	4:30
Road Work - Scheduled	185	0:11	5:44
Silver Alert	24	0:00	4:18
Special Event	0	0:00	0:00
Vehicle Fire	17	2:02	2:29
Visibility	7	0:00	4:03
Weather	46	0:00	1:53
Wildlife	6	0:29	0:56
Total Events	4989	0:36	2:19



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

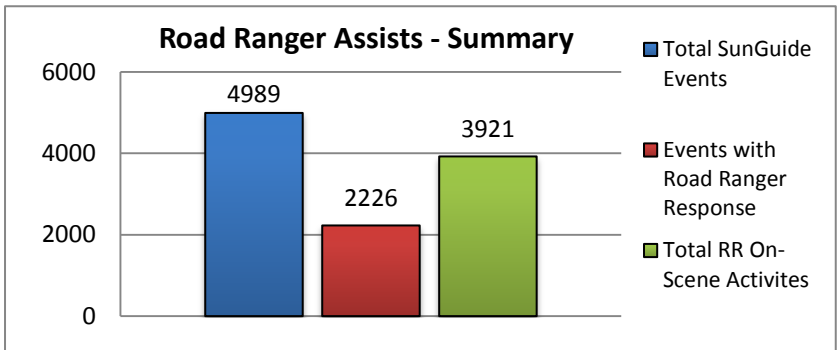
Saturday Road Rangers			
RR104	MM 49-80	RR111	MM 167-193
RR103	MM 80-105	RR113	MM 210-230
RR105	(Spare Truck)	RR112	MM 224-230
RR106	MM 105-123		I-275 MM 0-13
RR109	MM 143-170	*RR113	I-275 MM 0-13

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

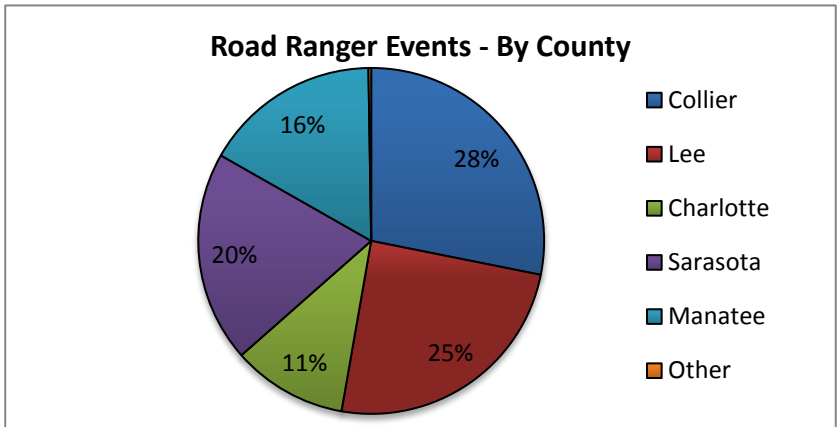
Sunday Road Rangers			
RR103	MM 49-80	RR111	MM 167-193
RR104	MM 80-105	RR113	MM 210-230
RR105	(Spare Truck)	RR112	MM 224-230
RR106	MM 105-123		I-275 MM 0-13
RR109	MM 143-170	*RR113	I-275 MM 0-13

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

18. Road Ranger Assists Summary	
Total SunGuide Events	4989
Events with Road Ranger Response	2226
Total RR On-Scene Activities	3921
Average Activities/Assisted Event	1.76
% of Events Assisted	44.62%



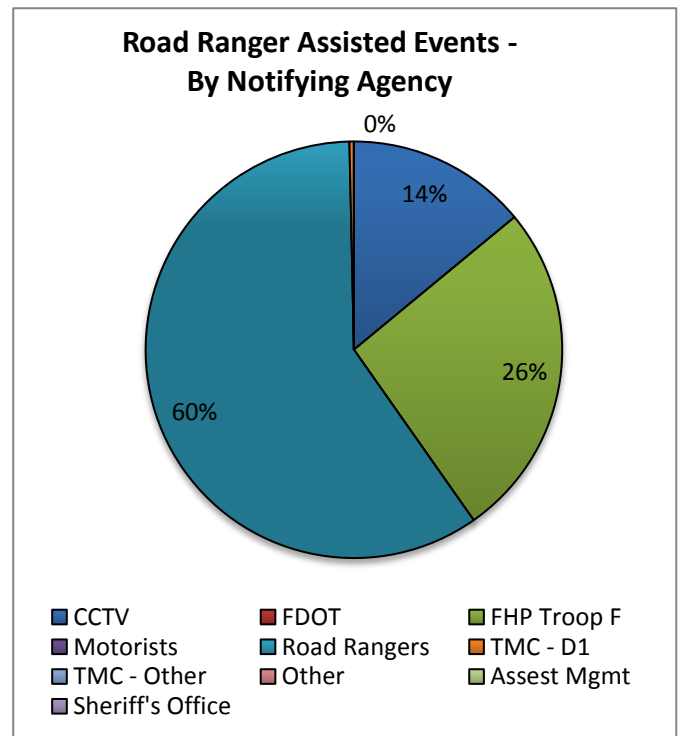
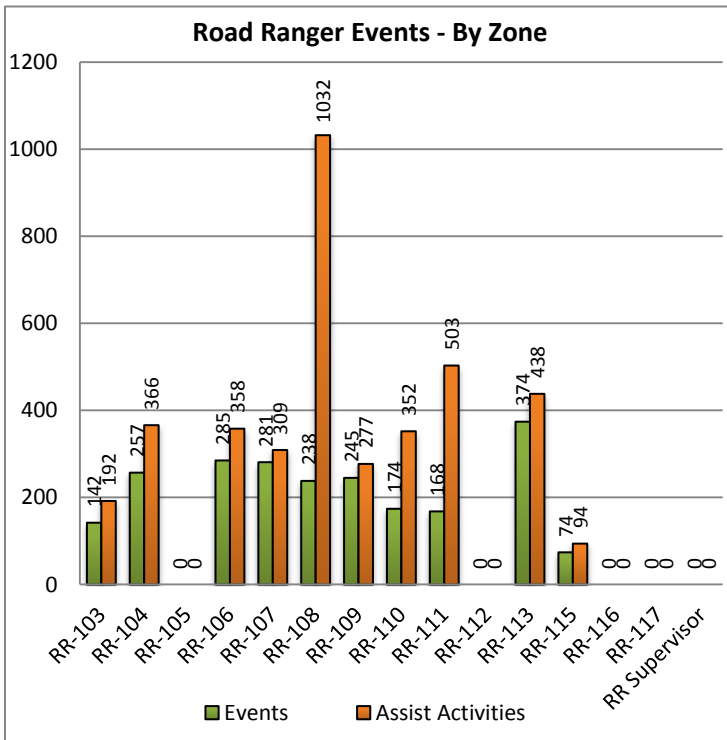
19. Road Ranger Events By County:	
District 1 Counties	Road Ranger Events
Collier	772
Lee	675
Charlotte	295
Sarasota	541
Manatee	453
Other	7
Totals	2743





20. Road Ranger Events - By Zone:		
Road Ranger Zones	Road Ranger Events	Assist Activities
RR-103	142	192
RR-104	257	366
RR-105	0	0
RR-106	285	358
RR-107	281	309
RR-108	238	1032
RR-109	245	277
RR-110	174	352
RR-111	168	503
RR-112	0	0
RR-113	374	438
RR-115	74	94
RR-116	0	0
RR-117	0	0
RR Supervisor	0	0
Totals	2238	3921

21. Road Ranger Assisted Events - By Notifying Agency:		
Notifying Agency	Number of Events	% of Events
CCTV	368	13.4%
FDOT	0	0.0%
FHP Troop F	689	25.1%
Motorists	0	0.0%
Road Rangers	1560	56.9%
TMC - D1	9	0.3%
TMC - Other	0	0.0%
Other	0	0.0%
Assest Mgmt	0	0.0%
Sheriff's Office	0	0.0%
Waze	117	4.3%
Totals	2743	100.0%

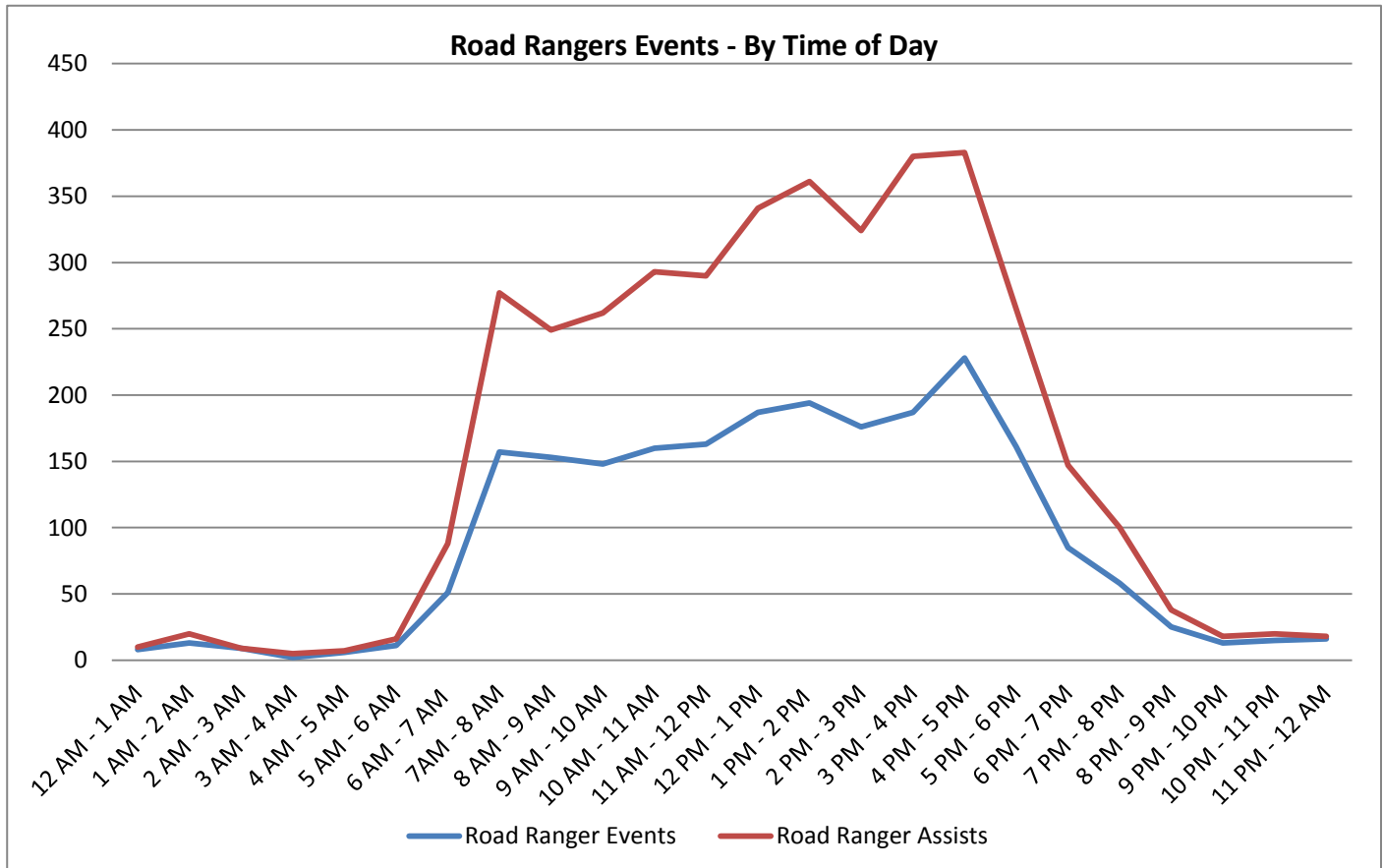




**22. Road Ranger Assisted Events -
By Time of Day:**

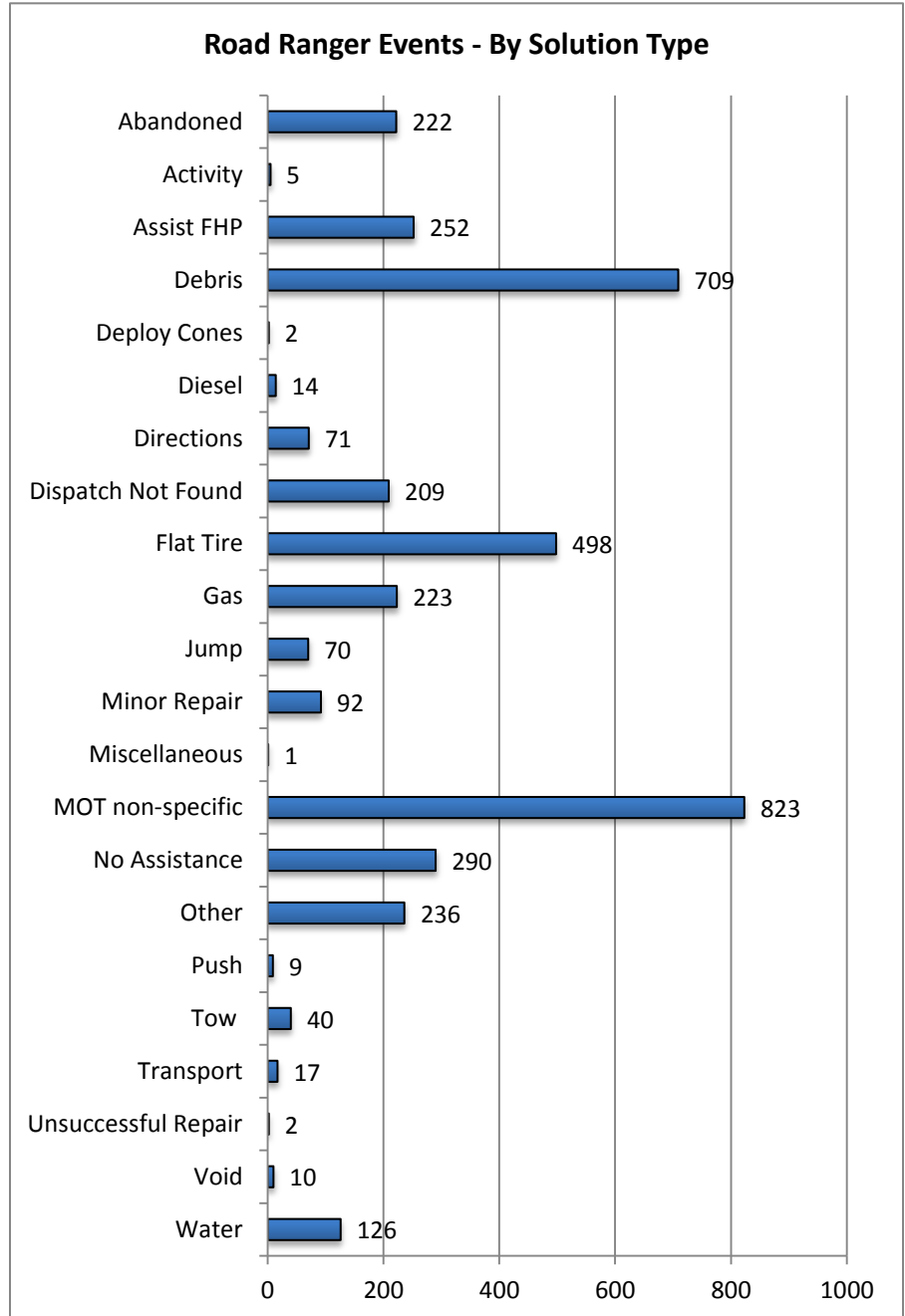
Time of Day	RR Events	RR Assists
12 AM - 1 AM	8	10
1 AM - 2 AM	13	20
2 AM - 3 AM	9	9
3 AM - 4 AM	2	5
4 AM - 5 AM	6	7
5 AM - 6 AM	11	16
6 AM - 7 AM	51	88
7 AM - 8 AM	157	277
8 AM - 9 AM	153	249
9 AM - 10 AM	148	262
10 AM - 11 AM	160	293
11 AM - 12 PM	163	290

Time of Day	RR Events	RR Assists
12 PM - 1 PM	187	341
1 PM - 2 PM	194	361
2 PM - 3 PM	176	324
3 PM - 4 PM	187	380
4 PM - 5 PM	228	383
5 PM - 6 PM	161	265
6 PM - 7 PM	85	147
7 PM - 8 PM	58	100
8 PM - 9 PM	25	38
9 PM - 10 PM	13	18
10 PM - 11 PM	15	20
11 PM - 12 AM	16	18
Totals	2226	3921





23. Road Ranger Events - By Solution Type:	
Problem Type	# of Assists
Abandoned	222
Absorbant	0
Activity	5
Assist FHP	252
Bleach	0
Cold Patch Asphalt	0
Debris	709
Deploy Cones	2
Diesel	14
Directions	71
Dispatch Not Found	209
Flare	0
Flat Tire	498
Flood Lamp	0
Gas	223
Jump	70
Livestock	0
Lockout	0
Minor Repair	92
Miscellaneous	1
MOT non-specific	823
No Assistance	290
Oil	0
Other	236
Phone	0
Portland Cement	0
Push	9
Radio	0
Tow	40
Translate	0
Transmission Fluid	0
Transport	17
Turbo Flare	0
Unsuccessful Repair	2
Void	10
Water	126
Wildlife	0
Total Assist Activities	3921



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