



This is the FDOT District 1 SWIFT SunGuide Center Monthly Operations Report, for March 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:	
	5432

2. Number of Lane Blocking Events:	
	307

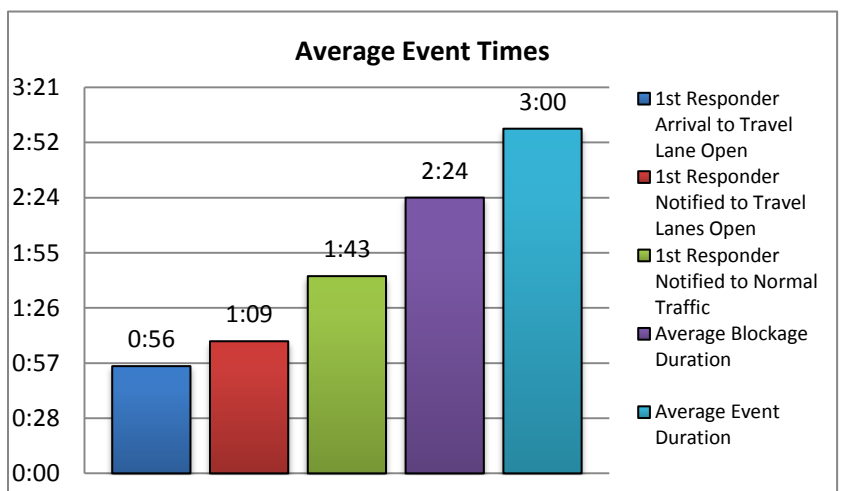
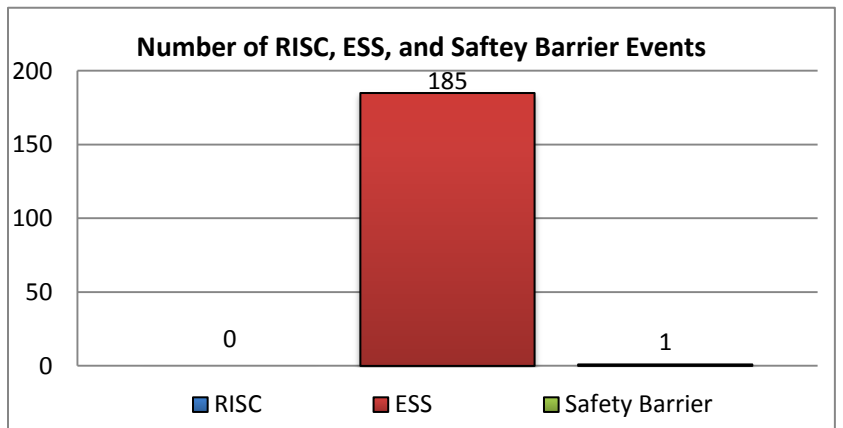
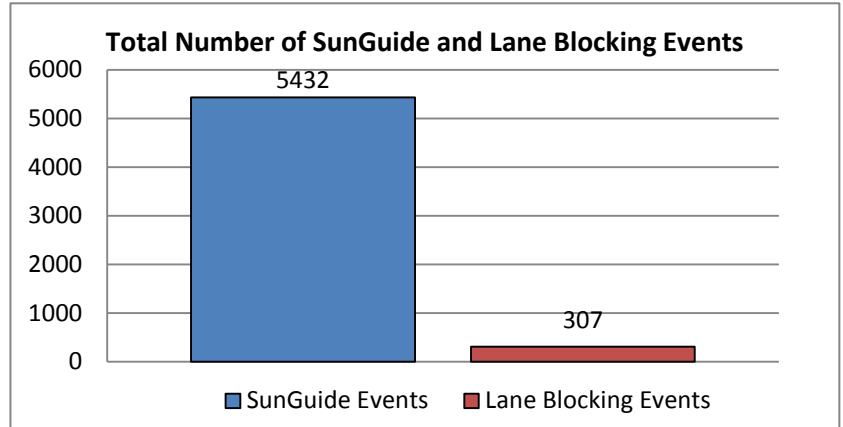
3. Number of RISC Events:	
	0

4. Number of ESS Events:	
	185

5. Events from a Safety Barrier Alert:	
	1

6. Average Open Roads Policy & Normal Traffic Times for I-75 Incidents	
Average Incident Duration From First Responder Arrival to Travel Lane Open	0:56
Average Incident Duration From First Responder Notified to Travel Lane Open	1:09
Average Incident Duration From First Responder Notified to Normal Traffic	1:43

7. Average Blockage/Event Duration - For All Lane Blocking Events	
Number of Events	5432
Number of Lane Blocking Events	307
Number of Secondary Incidents	42
Average Blockage Duration	2:24
Average Event Duration	3:00



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.



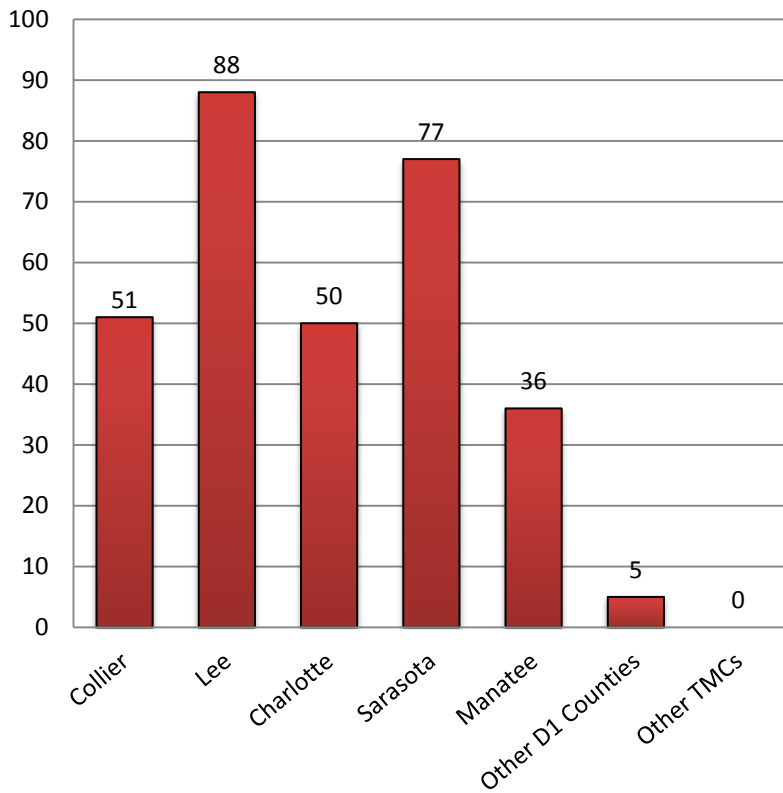
8. Lane Blocking Incidents - By County and Roadway:

Roadways	Collier County	Lee County	Charlotte County	Sarasota County	Manatee County	Other Dist 1 Counties
I-75	27	69	41	54	14	-
US-41	23	16	9	16	18	-
I-275	-	-	-	-	0	-
Arterials	1	3	0	7	4	5
Total Incidents	51	88	50	77	36	5

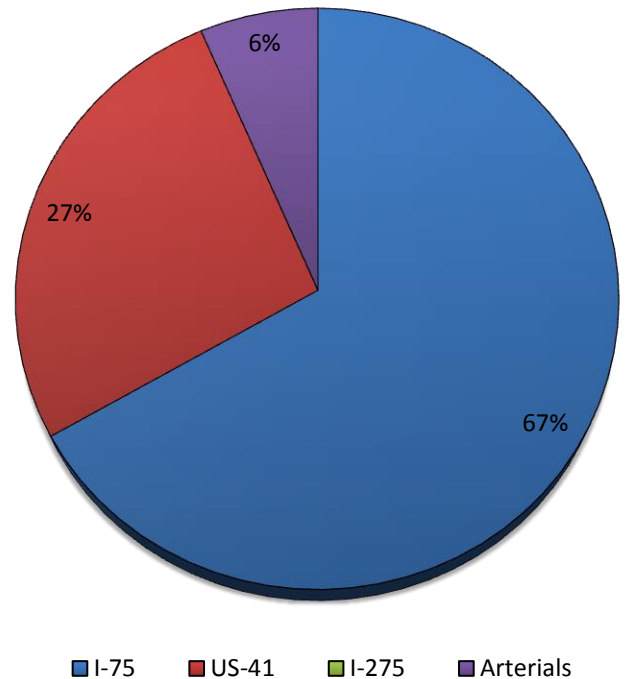
Roadways	District 7* TMC	District 6* TMC	District 4* TMC	FL Turnpike* TMC	Total Incidents By Roadway
I-75	0	0	0	-	205
US-41	0	0	-	-	82
I-275	0	-	-	-	0
Arterials	0	0	0	0	20
Total Incidents	0	0	0	0	307

*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



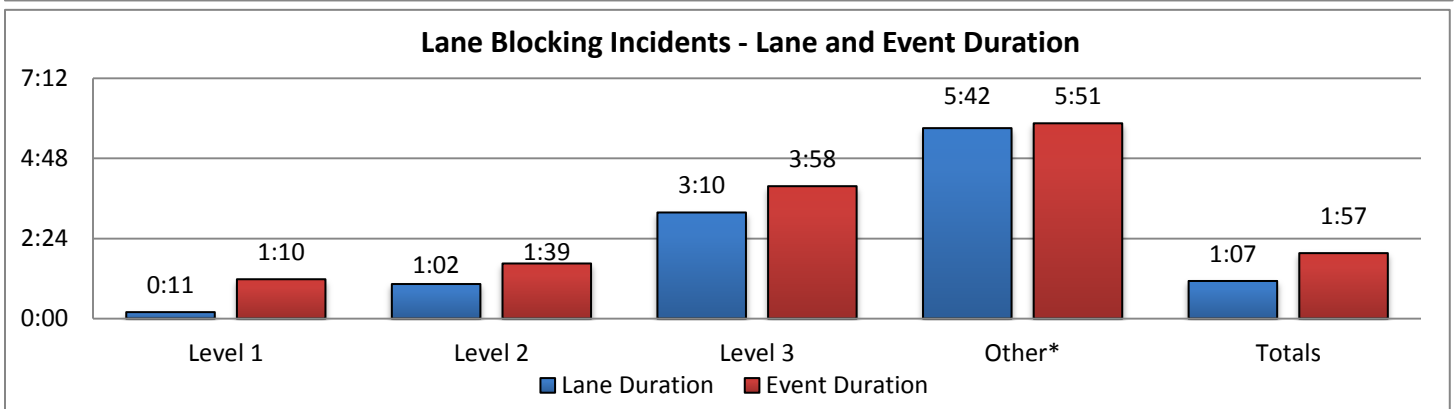
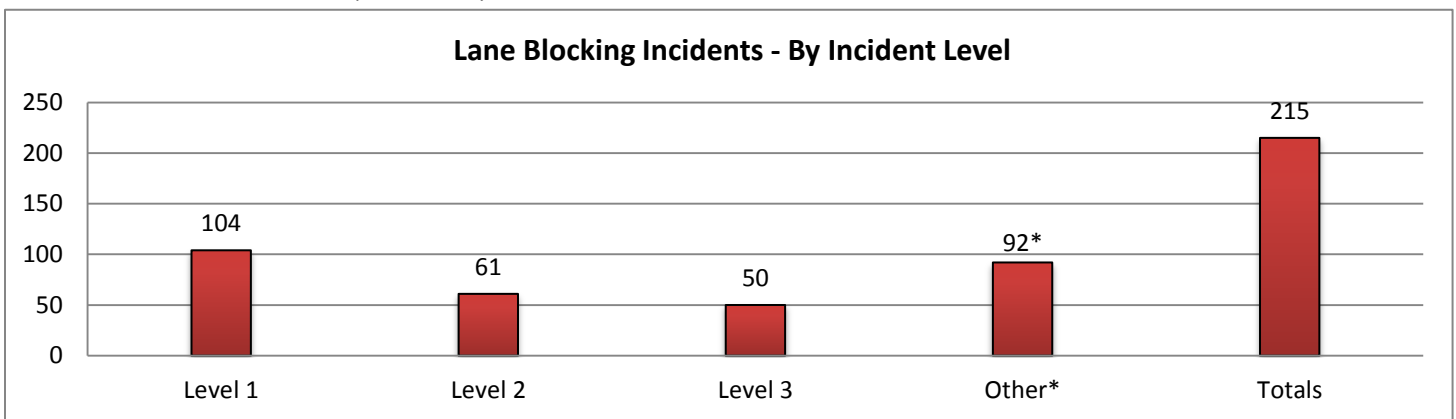


9. LANE BLOCKING INCIDENTS - By Incident Level:

	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	15	0:13	1:14	22	0:11	0:49	13	0:11	0:53	36	0:11	1:21
Level 2	4	0:41	1:39	14	1:13	1:37	11	1:04	1:27	23	1:00	1:38
Level 3	13	4:39	5:34	8	1:33	2:02	9	2:21	2:44	10	2:08	2:59
Other*	19*	4:54	5:03	44*	6:22	6:31	17*	6:15	6:20	8*	4:17	4:24
Totals	32	2:04	3:02	44	0:45	1:17	33	1:04	1:34	69	0:44	1:40

	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	18	0:13	1:27	0	0:00	0:00	0	0:00	0:00	104	0:11	1:10
Level 2	9	0:58	2:00	0	0:00	0:00	0	0:00	0:00	61	1:02	1:39
Level 3	5	1:07	2:00	5	7:37	9:04	0	0:00	0:00	50	3:10	3:58
Other*	4*	2:50	3:13	0*	0:00	0:00	0*	0:00	0:00	92*	5:42	5:51
Totals	32	0:34	1:41	5	7:37	9:04	0	0:00	0:00	215	1:07	1:57

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

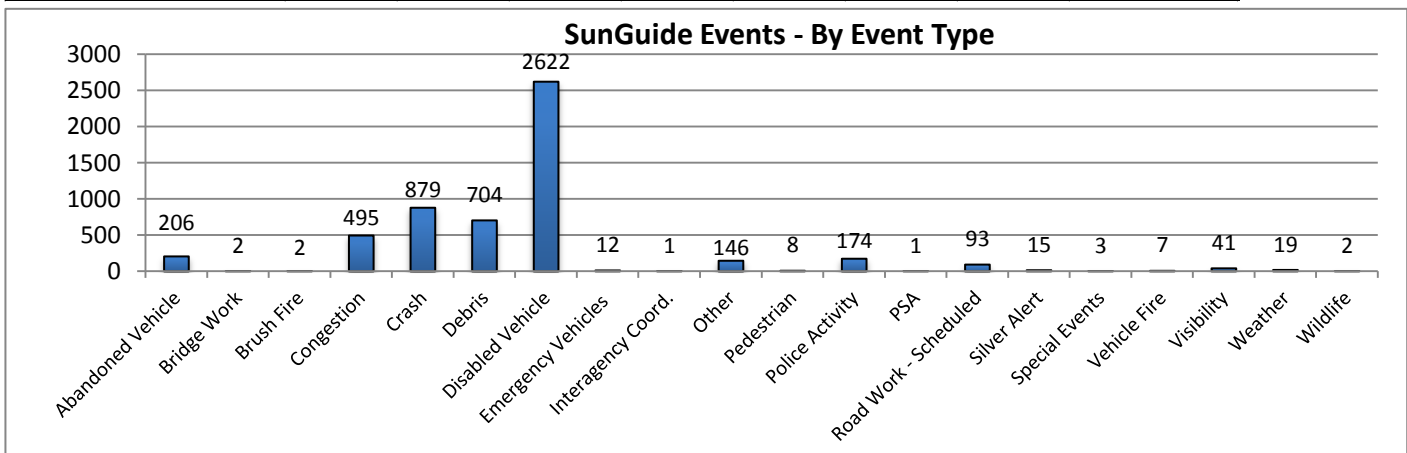




10. SunGuide Events - by Event Type:

Incidents	Collier County	Lee County	Charlotte County	Sarasota County	Manatee County	Other D-1 Counties	Other Dist. TMCs	Total # of Events
Abandoned Vehicle	36	75	19	49	27	0	0	206
Amber Alerts	0	0	0	0	0	0	0	0
Bridge Work	1	1	0	0	0	0	0	2
Brush Fire	1	1	0	0	0	0	0	2
Congestion	23	86	22	164	200	0	0	495
Crash	72	178	64	295	259	10	1	879
Debris	120	168	121	176	118	0	1	704
Disabled Vehicle	806	642	203	517	448	0	6	2622
Emergency Vehicles	1	6	5	0	0	0	0	12
Evacuation	0	0	0	0	0	0	0	0
Flooding	0	0	0	0	0	0	0	0
Interagency Coord.	0	0	0	1	0	0	0	1
LEO Alerts	0	0	0	0	0	0	0	0
Other	58	44	10	21	13	0	0	146
Pedestrian	1	0	0	3	4	0	0	8
Police Activity	50	64	11	24	25	0	0	174
PSA	0	1	0	0	0	0	0	1
Road Work - Emergency	0	0	0	0	0	0	0	0
Road Work - Scheduled	21	43	17	8	4	0	0	93
Silver Alert	0	15	0	0	0	0	0	15
Special Events	1	2	0	0	0	0	0	3
Vehicle Fire	2	3	1	0	1	0	0	7
Visibility	11	8	8	8	6	0	0	41
Weather	3	4	3	4	5	0	0	19
Wildlife	0	0	1	1	0	0	0	2
Total Incidents	1207	1341	485	1271	1110	10	8	5432

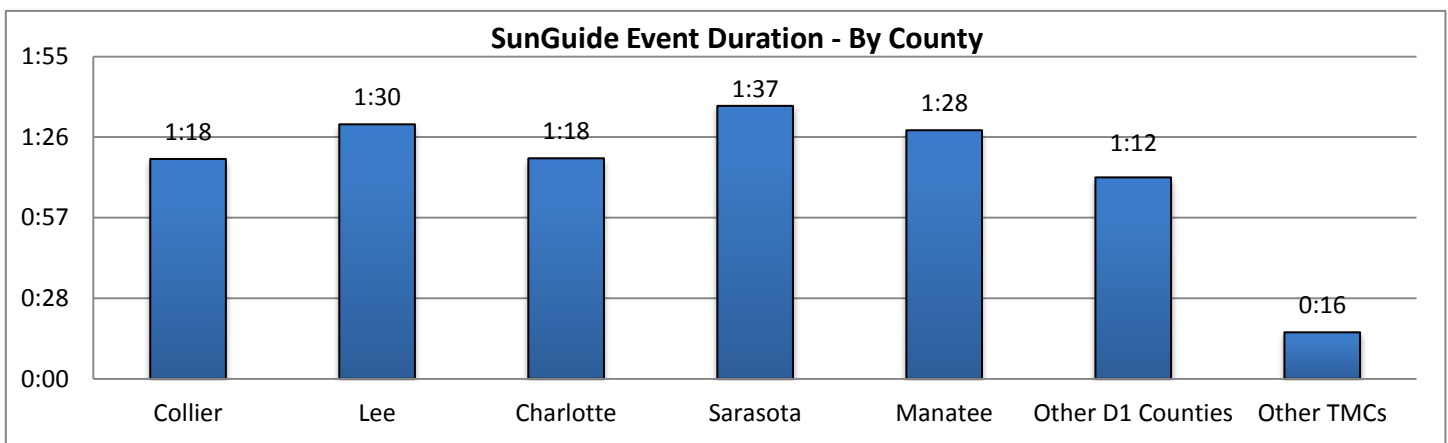
Note: Incident categories that are listed as zero are not included in the chart below.





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	9:46	7:46	3:42	10:25	10:15	0:00	0:00	8:41
Amber Alerts	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
Bridge Work	0:18	0:23	0:00	0:00	0:00	0:00	0:00	0:20
Brush Fire	0:51	0:17	0:00	0:00	0:00	0:00	0:00	0:34
Congestion	0:45	0:57	1:19	1:17	1:22	0:00	0:00	1:14
Crash	1:35	1:06	1:12	1:14	1:28	1:12	1:01	1:18
Debris	0:12	0:17	0:12	0:29	0:24	0:00	0:01	0:19
Disabled Vehicle	1:02	0:57	1:23	1:34	1:23	0:00	0:11	1:12
Emergency Vehicles	2:12	0:30	1:27	0:00	0:00	0:00	0:00	1:02
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	0:19	0:00	0:00	0:00	0:19
LEO Alerts	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
Other	0:51	0:23	0:13	0:08	0:15	0:00	0:00	0:30
Pedestrian	0:02	0:00	0:00	0:25	0:12	0:00	0:00	0:15
Police Activity	0:24	0:20	0:55	0:24	0:16	0:00	0:00	0:23
PSA	0:00	84:43	0:00	0:00	0:00	0:00	0:00	84:43
Road Work - Emergency	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
Road Work - Scheduled	4:22	6:39	5:59	4:46	3:04	0:00	0:00	5:41
Silver Alert	0:00	3:22	0:00	0:00	0:00	0:00	0:00	3:22
Special Events	31:21	3:43	0:00	0:00	0:00	0:00	0:00	12:55
Vehicle Fire	1:20	1:23	2:09	0:00	2:15	0:00	0:00	1:36
Visibility	3:43	3:47	3:26	3:07	2:24	0:00	0:00	3:21
Weather	0:37	2:42	1:39	2:19	1:27	0:00	0:00	1:47
Wildlife	0:00	0:00	0:20	0:39	0:00	0:00	0:00	0:29
Total Incidents	1:18	1:30	1:18	1:37	1:28	1:12	0:16	1:28





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
3095	599	5	2:06

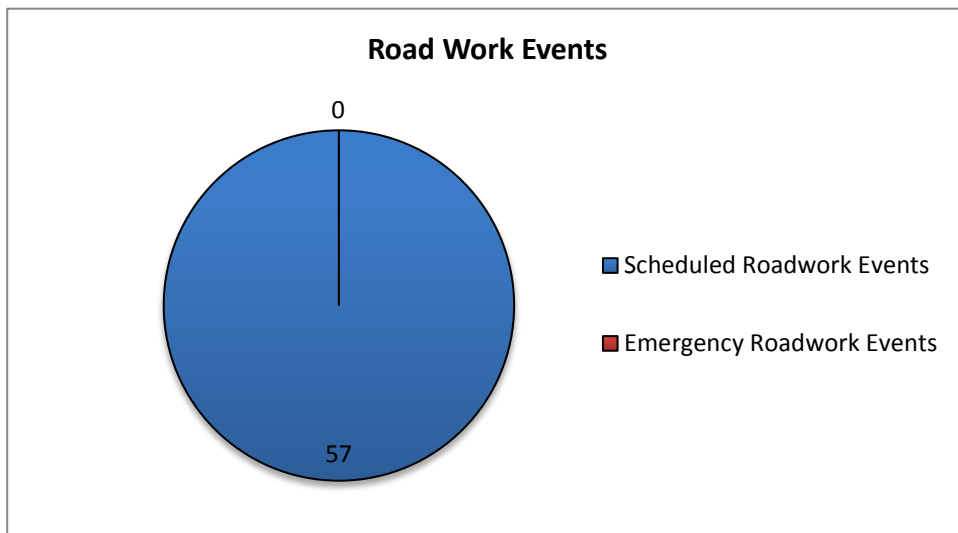
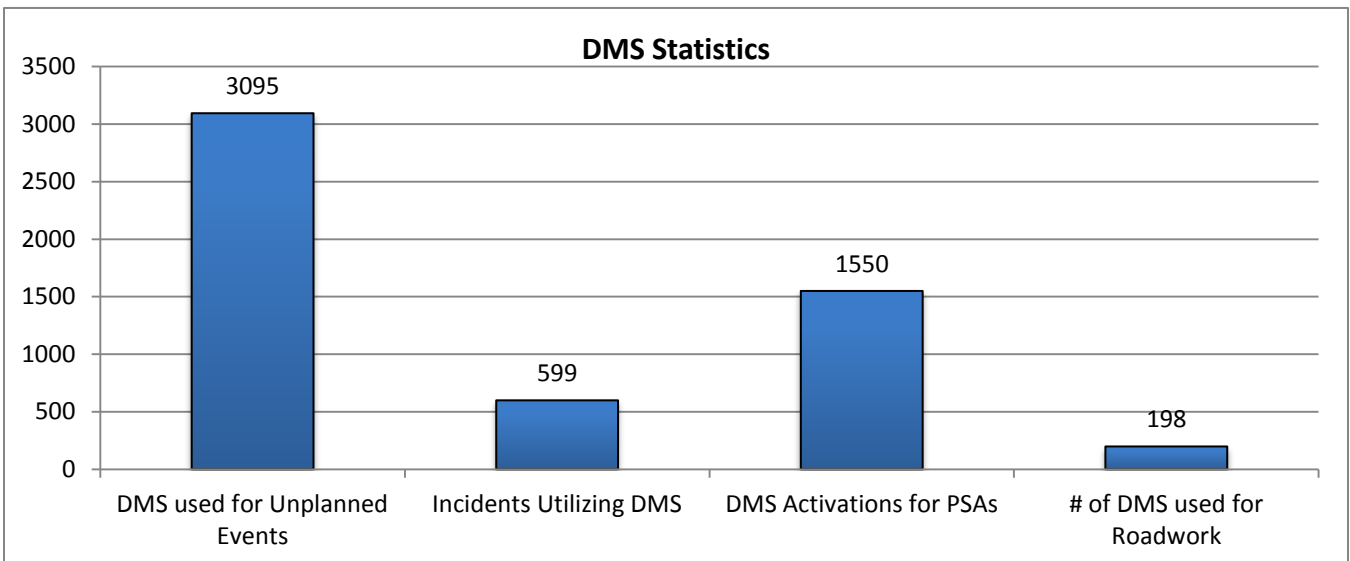
13. PSA - DMS Activations:

Number of Public Service Announcement DMS Activations
1550

14. Road Work - DMS Statistics:

Scheduled Road Work	Emergency Road Work	Total # Road Work Patterns
57	0	57
# DMS Used for Road Work		Average # of DMS/Pattern
198		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	166	Mile 49-79.9	220
Mile 80-100.9	229	Mile 80-100.9	204
Mile 101-104.9	16	Mile 101-104.9	22
Mile 105-106.9	39	Mile 105-106.9	25
Mile 107-110.9	58	Mile 107-110.9	68
Mile 111-115.9	74	Mile 111-115.9	55
Mile 116-122.9	153	Mile 116-122.9	144
Mile 123-127.9	100	Mile 123-127.9	70
Mile 128-130.9	54	Mile 128-130.9	61
Mile 131-135.9	112	Mile 131-135.9	76
Mile 136 -137.9	39	Mile 136 -137.9	28
Mile 138 -138.9	36	Mile 138 -138.9	21
Mile 139 - 140.9	56	Mile 139 - 140.9	20
Mile 141 - 142.9	42	Mile 141 - 142.9	20
Mile 143 - 157.9	123	Mile 143 - 157.9	123
Mile 158 - 160.9	35	Mile 158 - 160.9	21
Mile 161 - 163.9	54	Mile 161 - 163.9	34
Mile 164 - 166.9	24	Mile 164 - 166.9	40
Mile 167 -169.9	51	Mile 167 -169.9	35
Mile 170 - 178.9	73	Mile 170 - 178.9	73
Mile 179 - 181.9	38	Mile 179 - 181.9	26
Mile 182 - 190.9	89	Mile 182 - 190.9	112
Mile 191 - 192.9	33	Mile 191 - 192.9	38
Mile 193 - 194.9	23	Mile 193 - 194.9	22
Mile 195 -199.9	47	Mile 195 -199.9	30
Mile 200 - 204.9	79	Mile 200 - 204.9	87
Mile 205 - 206.9	71	Mile 205 - 206.9	20
Mile 207 - 209.9	58	Mile 207 - 209.9	42
Mile 210 -212.9	120	Mile 210 -212.9	61
Mile 213 - 216.9	107	Mile 213 - 216.9	112
Mile 217 - 219.9	90	Mile 217 - 219.9	108
Mile 220 - 223.9	107	Mile 220 - 223.9	92
Mile 224 -227.9	75	Mile 224 -227.9	86
Mile 228 - 228.9	30	Mile 228 - 228.9	19
Mile 229 -229.9	3	Mile 229 -229.9	1
Mile 230 - 239.9	3	Mile 230 - 239.9	1
> Mile 240	0	> Mile 240	0
North Total	2512	South Total	2217

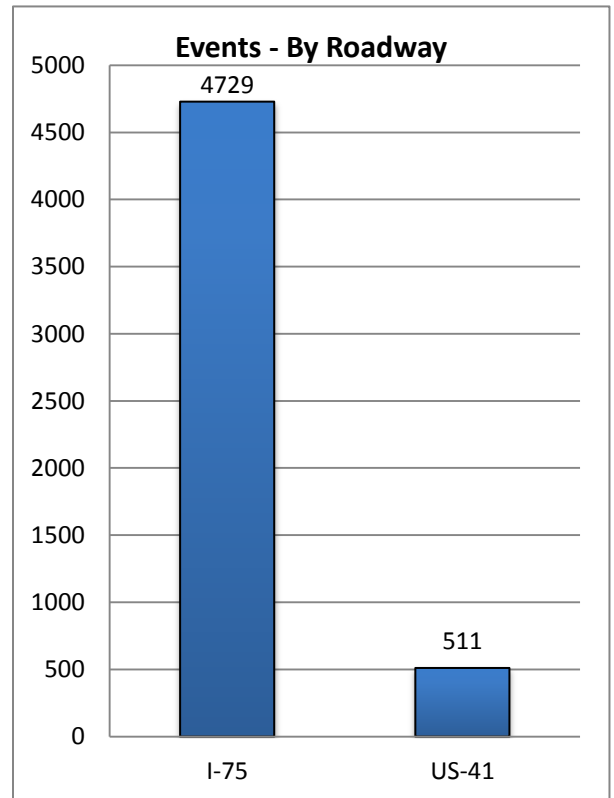
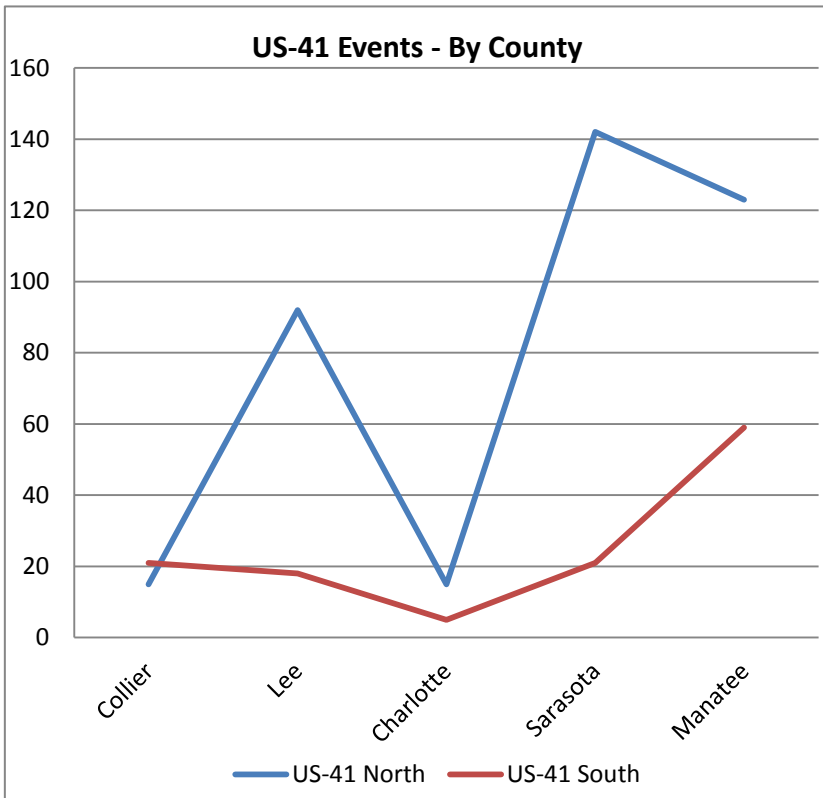
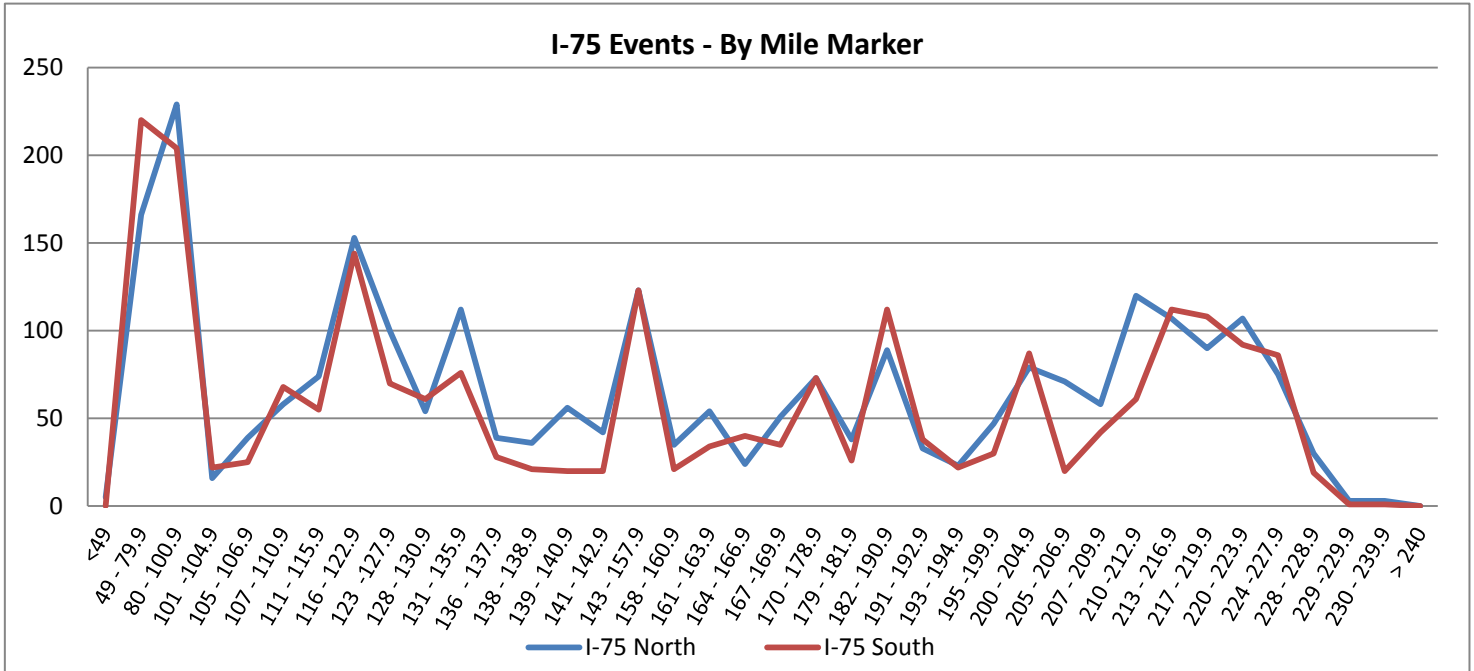
US-41 Northbound	
Collier	15
Lee	92
Charlotte	15
Sarasota	142
Manatee	123
North Total	387

US-41 Southbound	
Collier	21
Lee	18
Charlotte	5
Sarasota	21
Manatee	59
South Total	124

Total Events on US-41
511

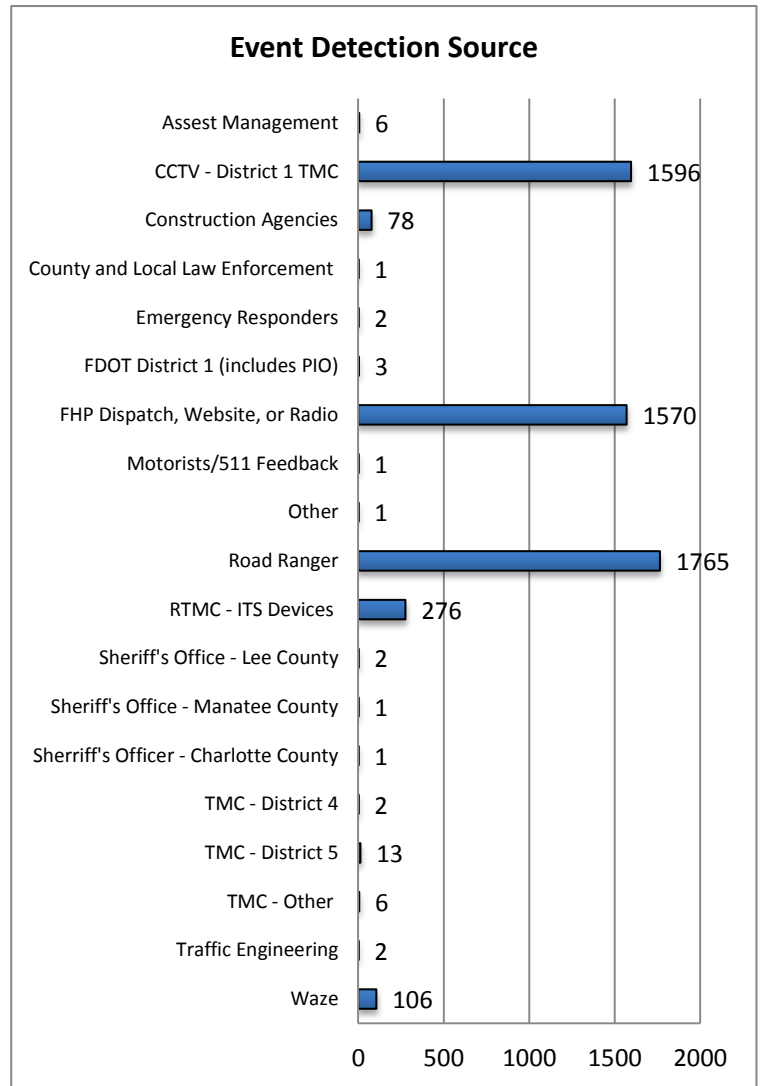
Total Events on I-75
4729

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





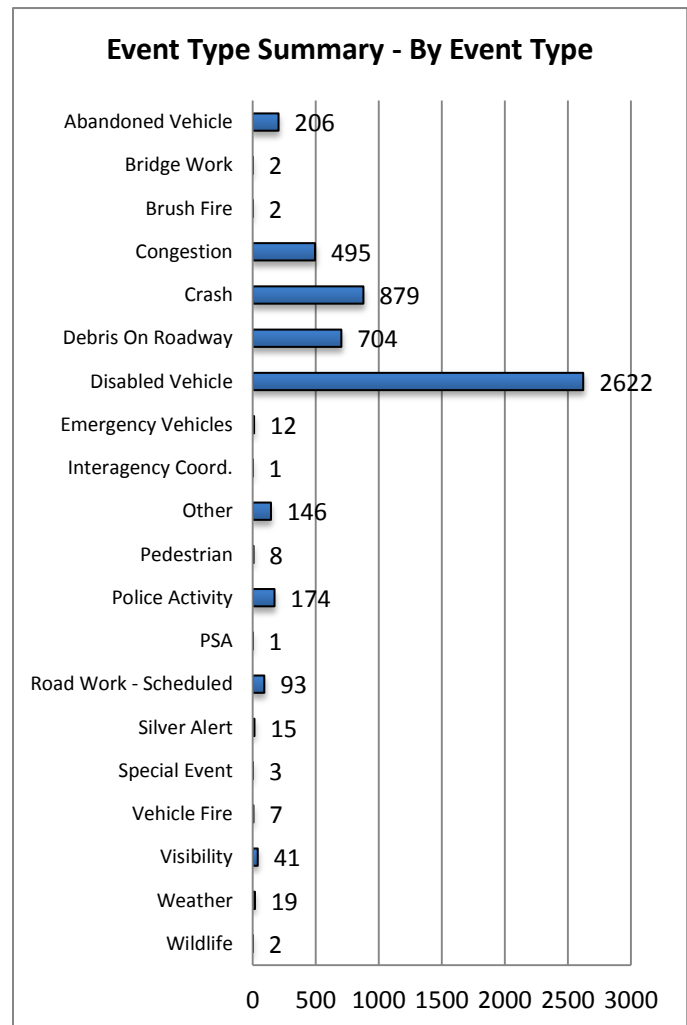
16. Event Detection Source:		
Assest Management (includes Dbi & ICA)	6	0.1%
CCTV - District 1 TMC	1596	29.4%
CCTV - Other	0	0.0%
Construction Agencies	78	1.4%
County and Local Law Enforcement	1	0.0%
Emergency Operations Centers	0	0.0%
Emergency Responders	2	0.0%
FDOT District 1 ITS Managers	0	0.0%
FDOT District 1 (includes PIO)	3	0.1%
FDOT Maintenance	0	0.0%
FHP Dispatch, Website, or Radio	1570	28.9%
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	1	0.0%
Other Airport	0	0.0%
Other Field Personnel	0	0.0%
Road Ranger	1765	32.5%
RTMC - ITS Devices (TSS & Safety Barrier)	276	5.1%
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	0	0.0%
Sheriff's Office - Lee County	2	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	2	0.0%
TMC - District 5	13	0.2%
TMC - District 7	0	0.0%
TMC - Other	6	0.1%
Tow Truck Companies	0	0.0%
Traffic Engineering	2	0.0%
Waze	106	2.0%
Total Number of Incidents	5432	100.0%



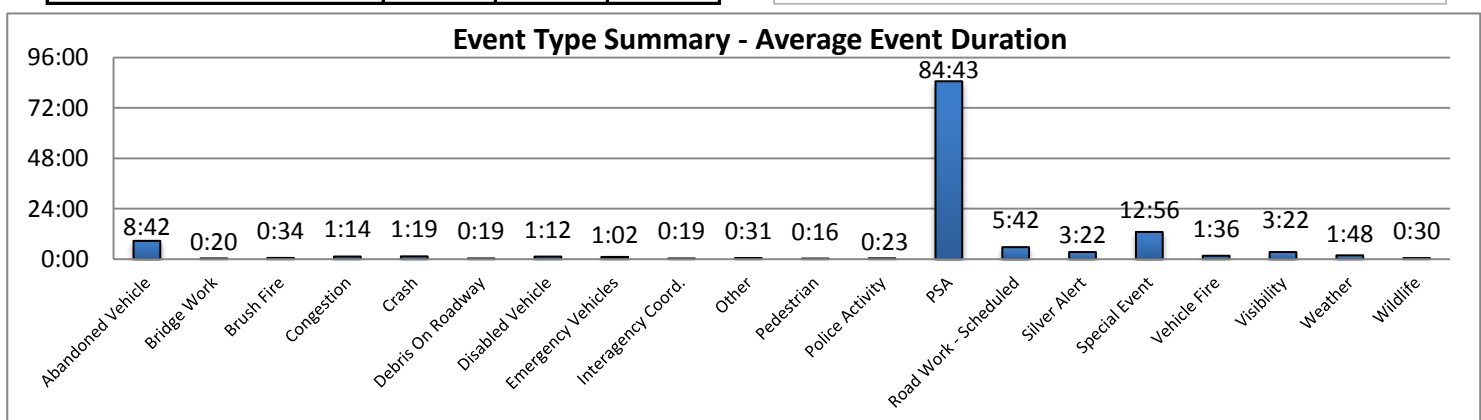
Note: Event Detection Source Categories listed as zero are not included in the above chart.



17. Event Type Summary			
Event Types	# of Events	Average On Scene Time	Average Event Duration
Abandoned Vehicle	206	2:08	8:42
Amber Alert	0	0:00	0:00
Bridge Work	2	0:11	0:20
Brush Fire	2	0:00	0:34
Congestion	495	0:01	1:14
Crash	879	0:56	1:19
Debris On Roadway	704	0:11	0:19
Disabled Vehicle	2622	0:22	1:12
Emergency Vehicles	12	0:54	1:02
Evacuation	0	0:00	0:00
Flooding	0	0:00	0:00
Interagency Coord.	1	0:12	0:19
LEO Alert	0	0:00	0:00
Other	146	0:02	0:31
Pedestrian	8	0:06	0:16
Police Activity	174	0:19	0:23
PSA	1	0:00	84:43
Road Work - Emergency	0	0:00	0:00
Road Work - Scheduled	93	0:17	5:42
Silver Alert	15	0:00	3:22
Special Event	3	0:00	12:56
Vehicle Fire	7	1:10	1:36
Visibility	41	0:22	3:22
Weather	19	0:00	1:48
Wildlife	2	0:10	0:30
Total Events	5432	0:29	6:30



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

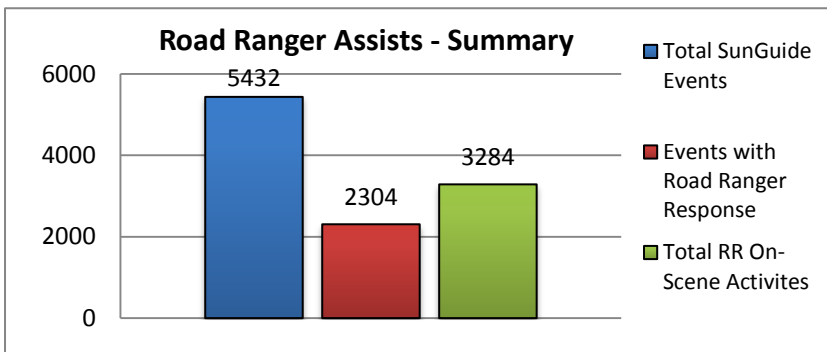
Saturday Road Rangers			
RR104	MM 49-80	RR111	MM 167-193
RR103	MM 80-105	RR113	MM 210-230
RR105	(Spare Truck)	RR112	MM 224-230
RR106	MM 105-123		I-275 MM 0-13
RR109	MM 143-170	*RR113	I-275 MM 0-13

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

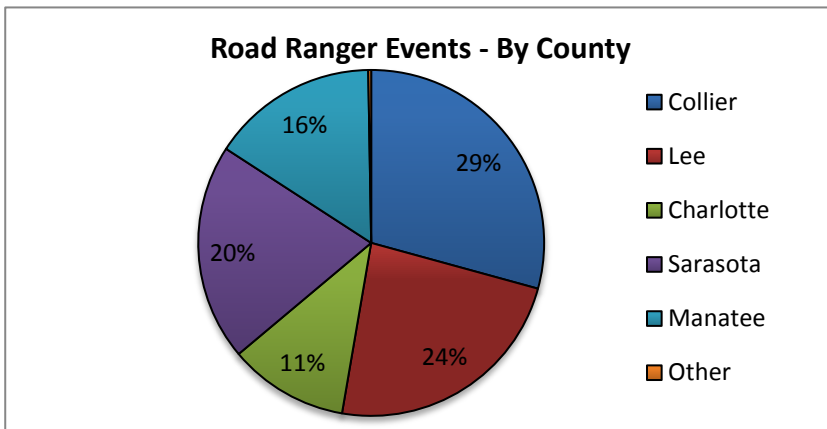
Sunday Road Rangers			
RR103	MM 49-80	RR111	MM 167-193
RR104	MM 80-105	RR113	MM 210-230
RR105	(Spare Truck)	RR112	MM 224-230
RR106	MM 105-123		I-275 MM 0-13
RR109	MM 143-170	*RR113	I-275 MM 0-13

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

18. Road Ranger Assists Summary	
Total SunGuide Events	5432
Events with Road Ranger Response	2304
Total RR On-Scene Activities	3284
Average Activities/Assisted Event	1.43
% of Events Assisted	42.42%



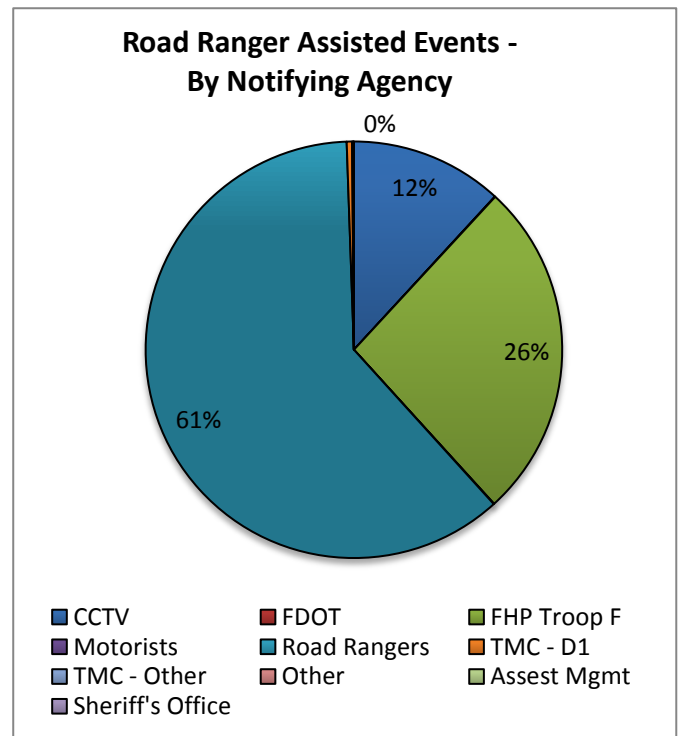
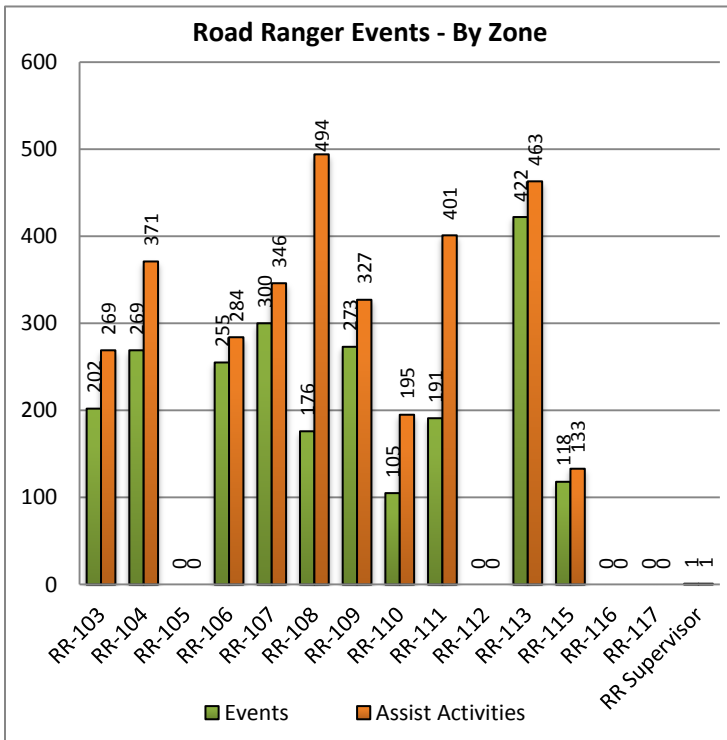
19. Road Ranger Events By County:	
District 1 Counties	Road Ranger Events
Collier	855
Lee	685
Charlotte	327
Sarasota	592
Manatee	455
Other	8
Totals	2922





20. Road Ranger Events - By Zone:		
Road Ranger Zones	Road Ranger Events	Assist Activities
RR-103	202	269
RR-104	269	371
RR-105	0	0
RR-106	255	284
RR-107	300	346
RR-108	176	494
RR-109	273	327
RR-110	105	195
RR-111	191	401
RR-112	0	0
RR-113	422	463
RR-115	118	133
RR-116	0	0
RR-117	0	0
RR Supervisor	1	1
Totals	2312	3284

21. Road Ranger Assisted Events - By Notifying Agency:		
Notifying Agency	Number of Events	% of Events
CCTV	341	11.7%
FDOT	1	0.0%
FHP Troop F	760	26.0%
Motorists	1	0.0%
Road Rangers	1762	60.3%
TMC - D1	12	0.4%
TMC - Other	2	0.1%
Other	1	0.0%
Assesst Mgmt	1	0.0%
Sheriff's Office	0	0.0%
Waze	41	1.4%
Totals	2922	100.0%

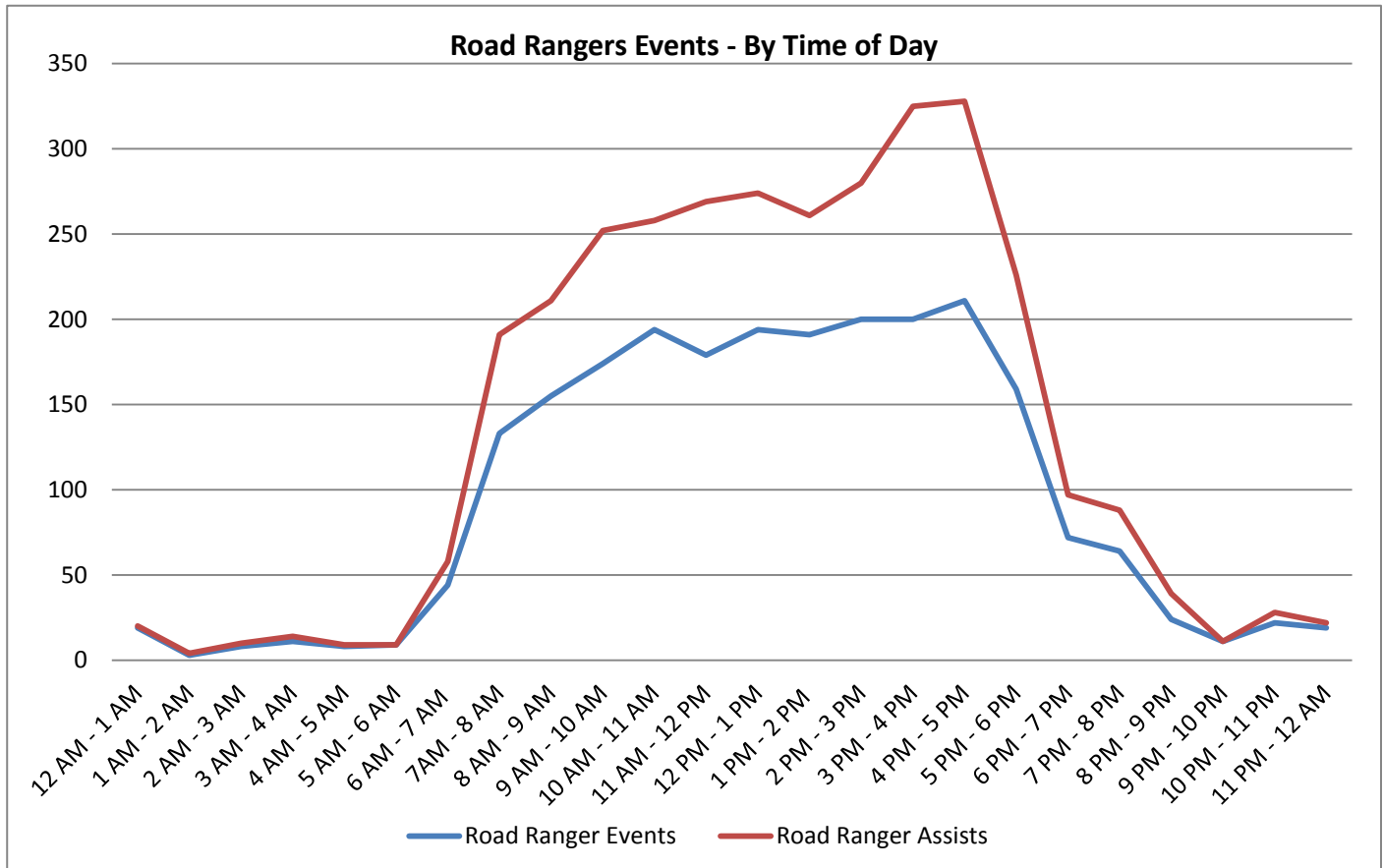




**22. Road Ranger Assisted Events -
By Time of Day:**

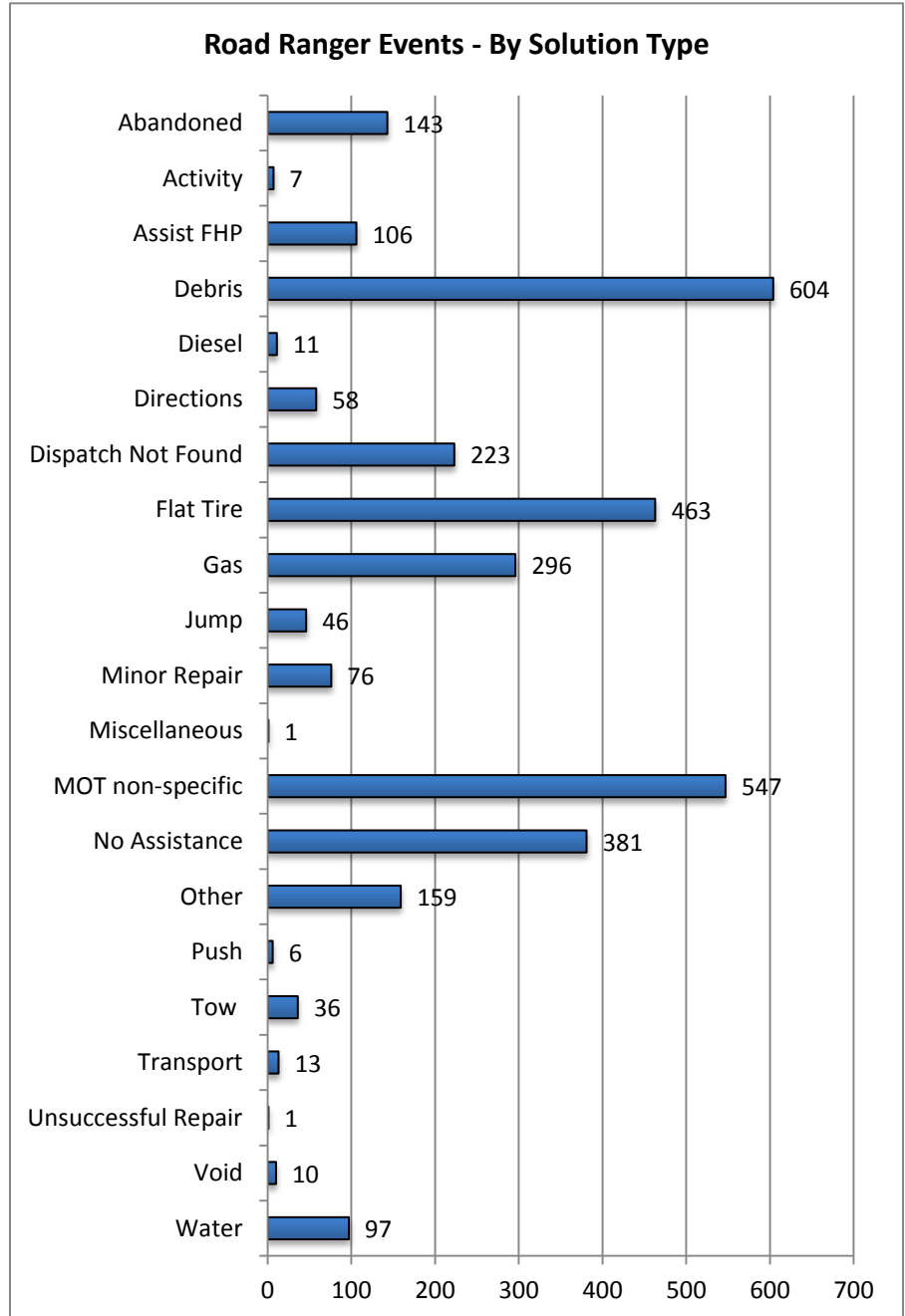
Time of Day	RR Events	RR Assists
12 AM - 1 AM	19	20
1 AM - 2 AM	3	4
2 AM - 3 AM	8	10
3 AM - 4 AM	11	14
4 AM - 5 AM	8	9
5 AM - 6 AM	9	9
6 AM - 7 AM	44	58
7 AM - 8 AM	133	191
8 AM - 9 AM	155	211
9 AM - 10 AM	174	252
10 AM - 11 AM	194	258
11 AM - 12 PM	179	269

Time of Day	RR Events	RR Assists
12 PM - 1 PM	194	274
1 PM - 2 PM	191	261
2 PM - 3 PM	200	280
3 PM - 4 PM	200	325
4 PM - 5 PM	211	328
5 PM - 6 PM	159	226
6 PM - 7 PM	72	97
7 PM - 8 PM	64	88
8 PM - 9 PM	24	39
9 PM - 10 PM	11	11
10 PM - 11 PM	22	28
11 PM - 12 AM	19	22
Totals	2304	3284





23. Road Ranger Events - By Solution Type:	
Problem Type	# of Assists
Abandoned	143
Absorbant	0
Activity	7
Assist FHP	106
Bleach	0
Cold Patch Asphalt	0
Debris	604
Deploy Cones	0
Diesel	11
Directions	58
Dispatch Not Found	223
Flare	0
Flat Tire	463
Flood Lamp	0
Gas	296
Jump	46
Livestock	0
Lockout	0
Minor Repair	76
Miscellaneous	1
MOT non-specific	547
No Assistance	381
Oil	0
Other	159
Phone	0
Portland Cement	0
Push	6
Radio	0
Tow	36
Translate	0
Transmission Fluid	0
Transport	13
Turbo Flare	0
Unsuccessful Repair	1
Void	10
Water	97
Wildlife	0
Total Assist Activities	3284



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