



This is the FDOT District 1 Swift SunGuide Center Monthly Operations Report, for November 2013. 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:
3196

2. Number of Lane Blocking Events:
166

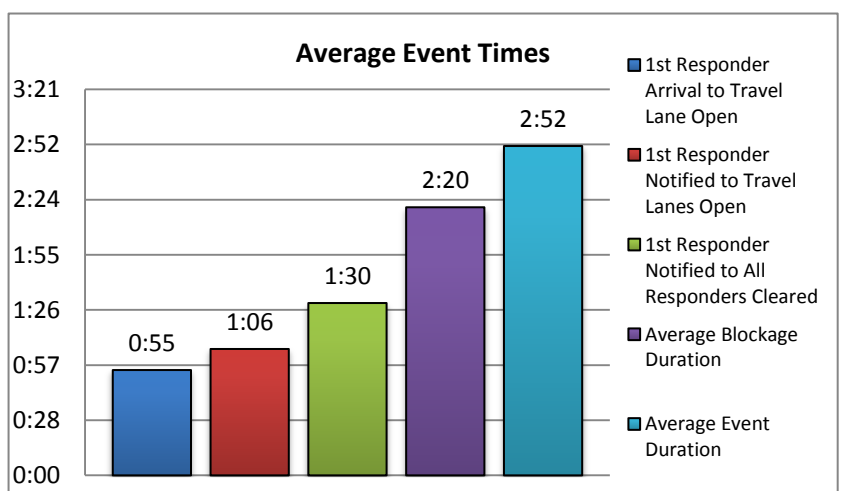
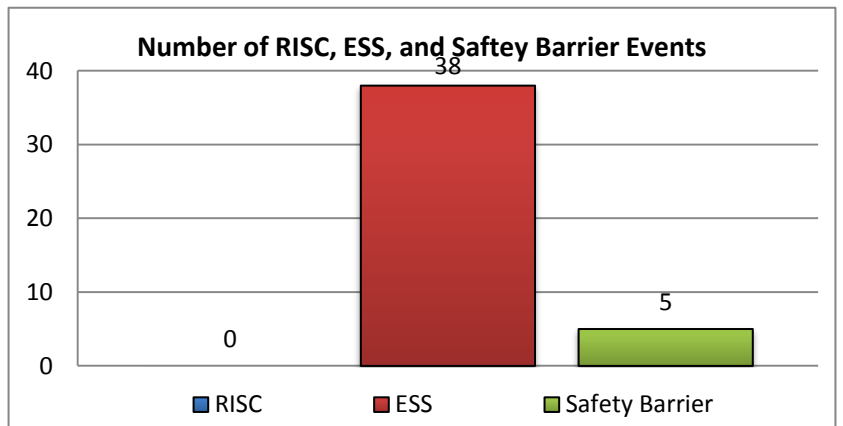
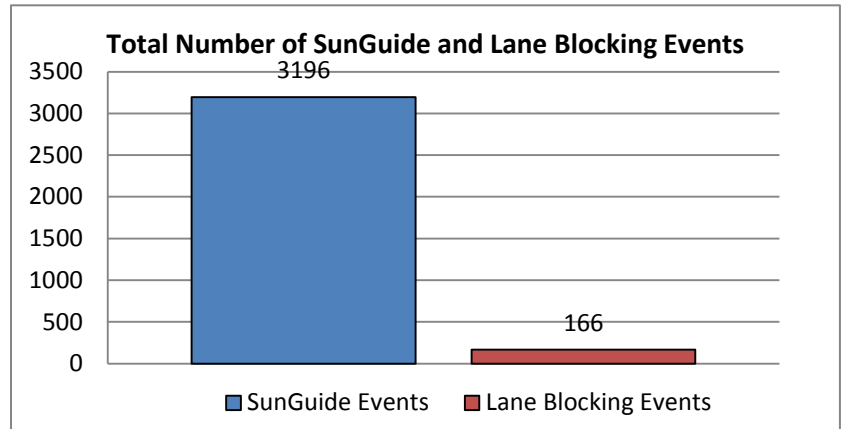
3. Number of RISC Events:
0

4. Number of ESS Events:
38

5. Events from a Safety Barrier Alert:
5

6. Average Incident Durations for I-75 Incidents	
From First Responder Arrival to Travel Lane Open	0:55
From First Responder Notified to Travel Lane Open	1:06
From First Responder Notified to All Responders Cleared	1:30

7. Average Blockage/Event Duration - For All Lane Blocking Events	
Number of Events	3196
Number of Lane Blocking Events	166
Number of Secondary Incidents	15
Average Blockage Duration	2:20
Average Event Duration	2:52



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.



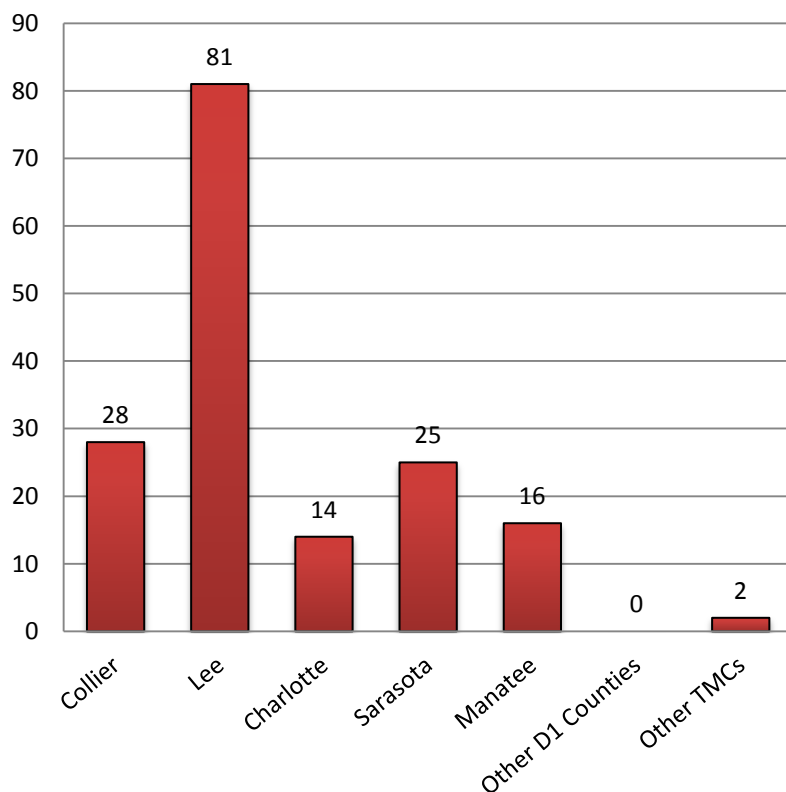
8. Lane Blocking Incidents - By County and Roadway:

Roadways	Collier County	Lee County	Charlotte County	Sarasota County	Manatee County	Other Dist 1 Counties
I-75	22	64	10	13	8	-
US-41	5	16	3	12	8	-
I-275	-	-	-	-	0	-
Arterials	1	1	1	0	0	0
Total Incidents	28	81	14	25	16	0

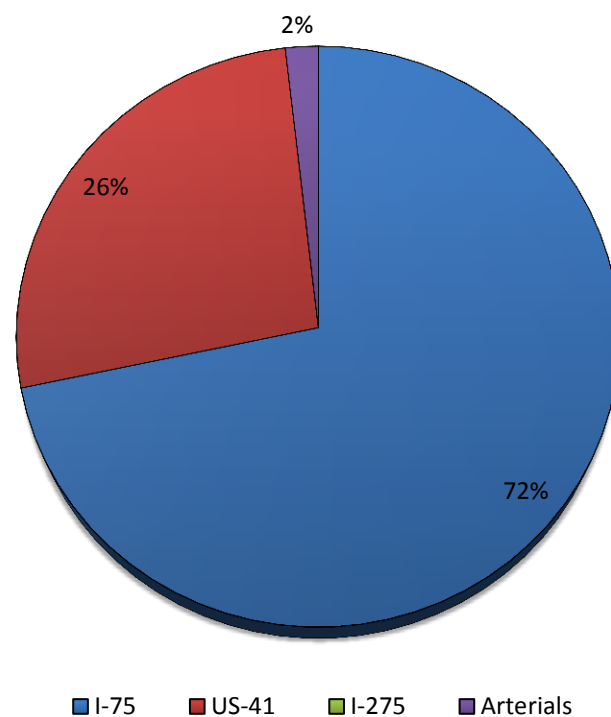
Roadways	District 7* TMC	District 6* TMC	District 4* TMC	FL Turnpike* TMC	Total Incidents By Roadway
I-75	0	0	2	-	119
US-41	0	0	-	-	44
I-275	0	-	-	-	0
Arterials	0	0	0	0	3
Total Incidents	0	0	2	0	166

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

Lane Blocking Incidents - By County



Lane Blocking Incidents - By Roadway





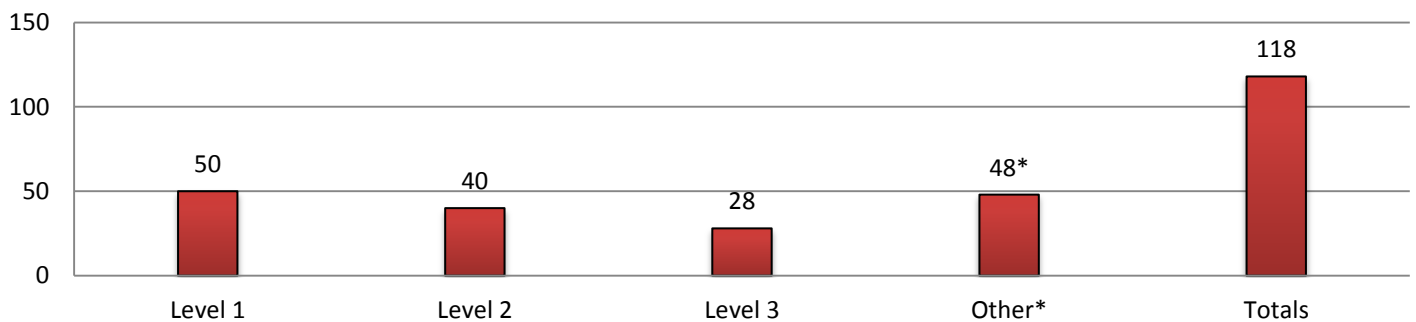
9. LANE BLOCKING INCIDENTS - By Incident Level:

	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	9	0:11	0:40	22	0:09	1:04	2	0:26	1:14	12	0:18	0:55
Level 2	7	0:59	1:48	14	1:06	1:29	3	0:51	1:09	7	1:12	1:33
Level 3	7	1:52	2:49	7	2:12	2:58	4	1:28	2:24	6	1:00	1:35
Other*	5*	3:20	3:38	38*	6:10	6:30	5*	6:37	6:46	0*	0:00	0:00
Totals	23	0:56	1:39	43	0:47	1:30	9	1:01	1:43	25	0:43	1:15

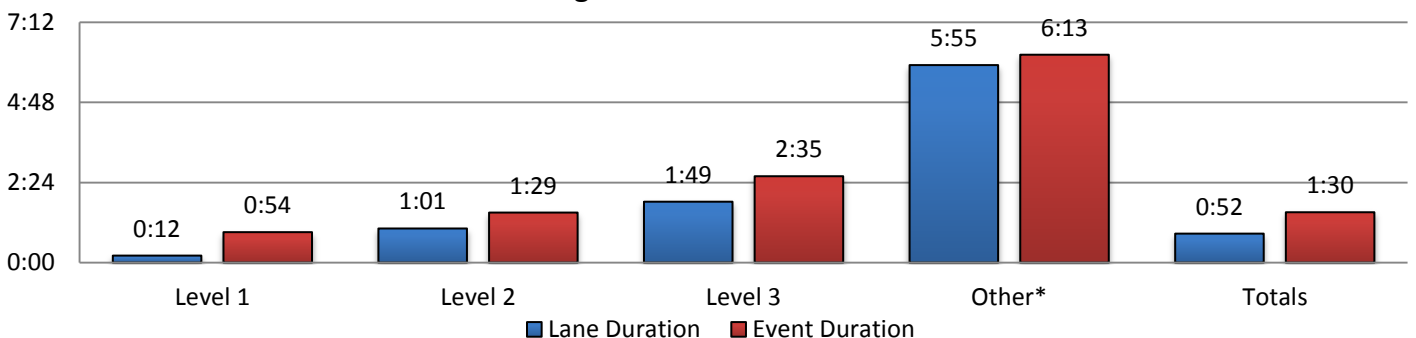
	Manatee County			Other Dist 1 Counties			Other District TMCs			Total		
	Events	Lane Duration	Event Duration	Events	Lane Duration	Event Duration	Events	Lane Duration	Event Duration	Events	Lane Duration	Event Duration
Level 1	4	0:13	0:35	0	0:00	0:00	1	0:12	0:21	50	0:12	0:54
Level 2	9	0:51	1:22	0	0:00	0:00	0	0:00	0:00	40	1:01	1:29
Level 3	3	3:14	3:56	0	0:00	0:00	1	1:04	1:05	28	1:49	2:35
Other*	0*	0:00	0:00	0*	0:00	0:00	0*	0:00	0:00	48*	5:55	6:13
Totals	16	1:08	1:39	0	0:00	0:00	2	0:38	0:43	118	0:52	1:30

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

Lane Blocking Incidents - By Incident Level



Lane Blocking Incidents - Lane and Event Duration

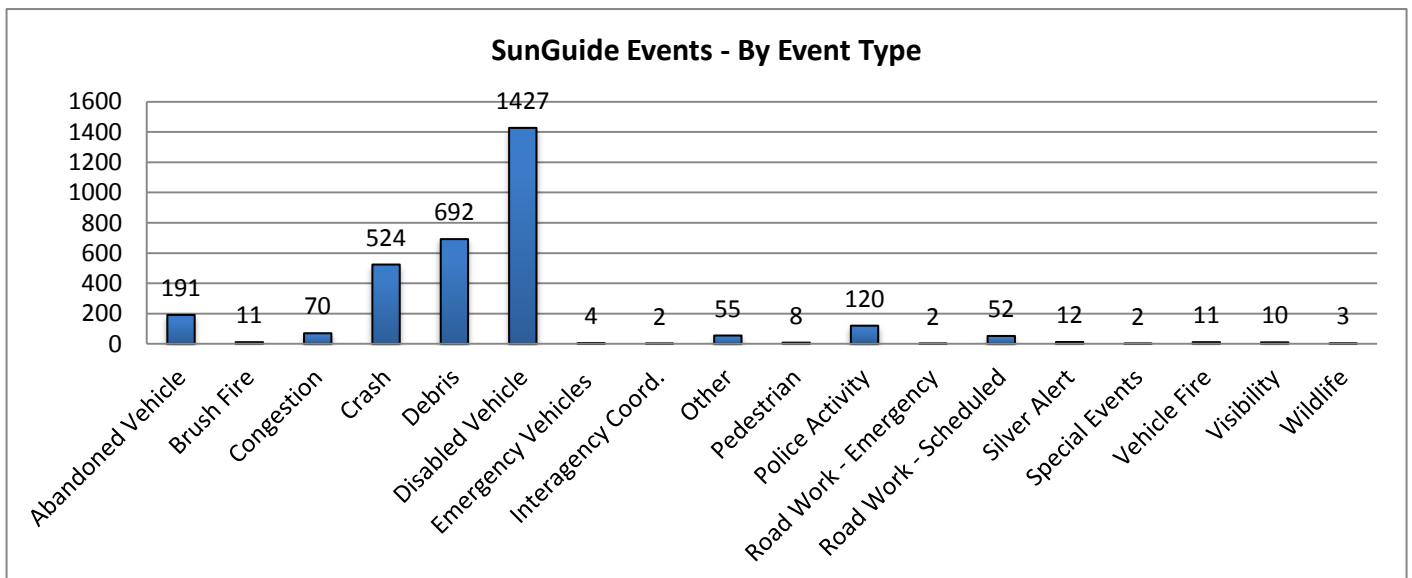




10. SunGuide Events - by Event Type:

Incidents	Collier County	Lee County	Charlotte County	Sarasota County	Manatee County	Other D-1 Counties	Other Dist. TMCs	Total # of Events
Abandoned Vehicle	43	48	22	44	34	0	0	191
Amber Alerts	0	0	0	0	0	0	0	0
Brush Fire	5	4	0	2	0	0	0	11
Congestion	16	38	3	9	4	0	0	70
Crash	58	155	25	161	120	5	0	524
Debris	87	152	133	208	111	0	1	692
Disabled Vehicle	452	357	168	255	192	0	3	1427
Emergency Vehicles	1	2	0	1	0	0	0	4
Flooding	0	0	0	0	0	0	0	0
Interagency Coord.	0	0	0	0	0	0	2	2
LEO Alerts	0	0	0	0	0	0	0	0
Other	15	25	2	10	3	0	0	55
Pedestrian	2	0	1	3	2	0	0	8
Police Activity	65	48	7	0	0	0	0	120
Road Work - Emergency	1	0	0	0	1	0	0	2
Road Work - Scheduled	6	38	7	1	0	0	0	52
Silver Alert	0	12	0	0	0	0	0	12
Special Events	0	0	0	1	0	1	0	2
Vehicle Fire	2	5	1	1	2	0	0	11
Visibility	4	6	0	0	0	0	0	10
Weather	0	0	0	0	0	0	0	0
Wildlife	2	0	0	0	1	0	0	3
Total Incidents	759	890	369	696	470	6	6	3196

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

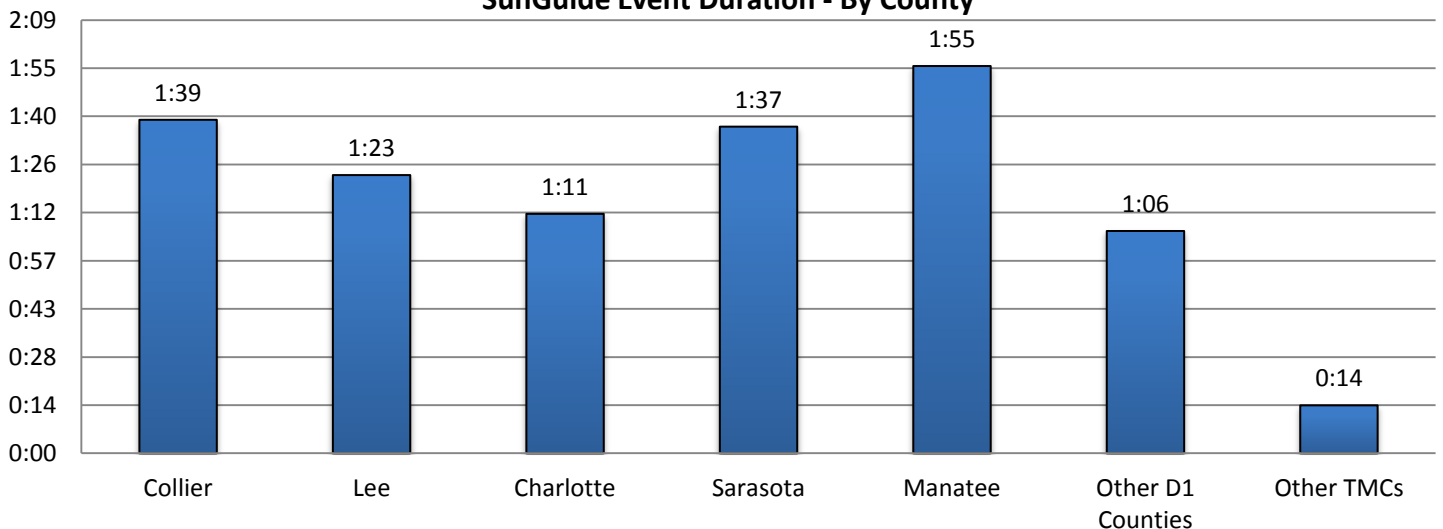




11. SunGuide Event Duration (Average) - by Event Type:

	Collier County	Lee County	Charlotte County	Sarasota County	Manatee County	Other D-1 Counties	Other Dist. TMCs	All Counties
Abandoned Vehicle	13:53	7:21	8:29	11:55	12:16	0:00	0:00	10:52
Amber Alerts	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
Brush Fire	0:39	0:34	0:00	11:23	0:00	0:00	0:00	2:34
Congestion	0:27	0:40	0:23	0:48	1:29	0:00	0:00	0:40
Crash	1:33	1:06	1:36	1:00	1:06	0:43	0:00	1:08
Debris	0:13	0:12	0:12	0:22	0:14	0:00	0:11	0:15
Disabled Vehicle	1:03	0:52	0:52	1:19	1:38	0:00	0:10	1:06
Emergency Vehicles	1:04	1:06	0:00	0:18	0:00	0:00	0:00	0:53
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	0:00	0:00	0:21	0:21
LEO Alerts	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
Other	0:18	0:31	0:19	0:15	0:23	0:00	0:00	0:23
Pedestrian	1:09	0:00	0:05	0:05	0:06	0:00	0:00	0:21
Police Activity	0:23	0:16	0:33	0:00	0:00	0:00	0:00	0:20
Road Work - Emergency	1:12	0:00	0:00	0:00	7:09	0:00	0:00	4:10
Road Work - Scheduled	4:15	6:36	5:00	0:28	0:00	0:00	0:00	5:59
Silver Alert	0:00	4:06	0:00	0:00	0:00	0:00	0:00	4:06
Special Events	0:00	0:00	0:00	2:17	0:00	3:00	0:00	2:38
Vehicle Fire	1:40	1:19	0:58	0:28	2:03	0:00	0:00	1:24
Visibility	1:59	1:34	0:00	0:00	0:00	0:00	0:00	1:44
Weather	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
Wildlife	0:16	0:00	0:00	0:00	0:26	0:00	0:00	0:19
Total Incidents	1:39	1:23	1:11	1:37	1:55	1:06	0:14	1:33

SunGuide Event Duration - By County





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
789	111	7	2:36

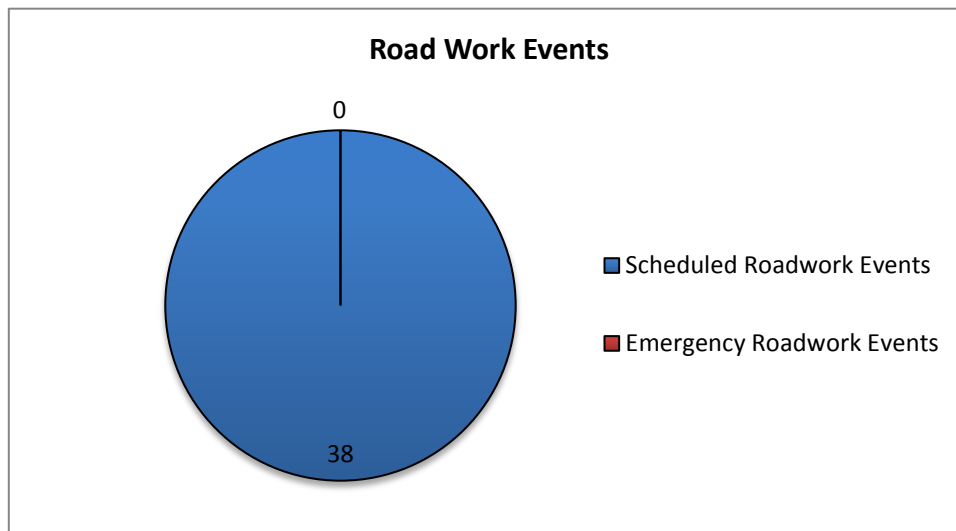
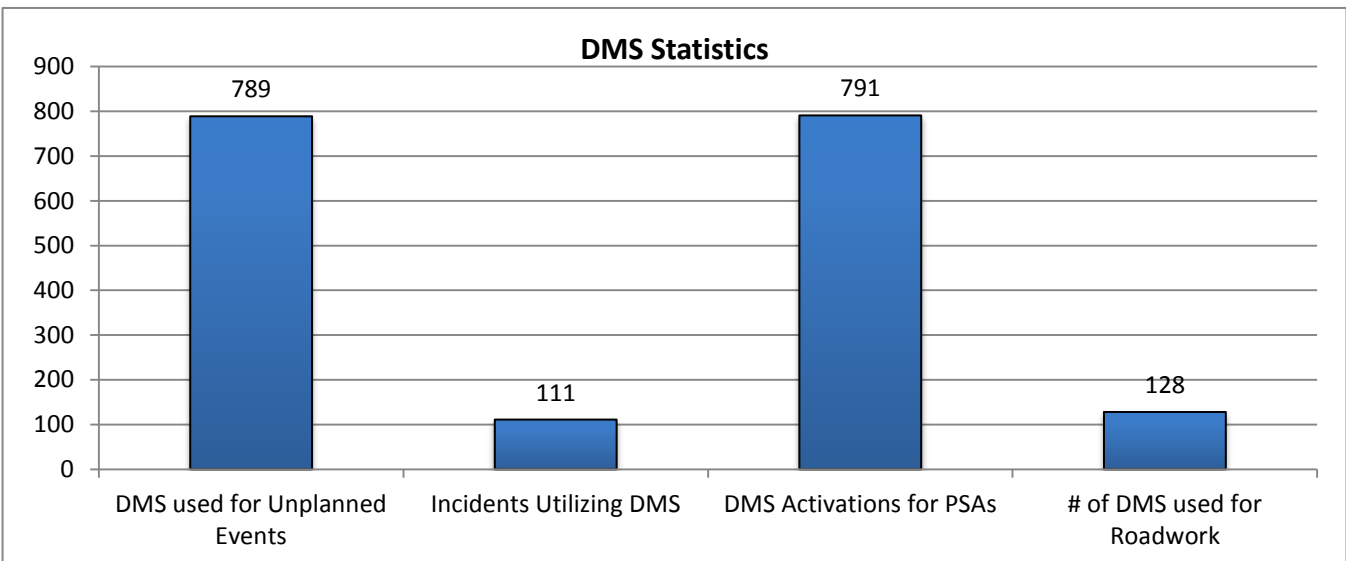
13. PSA - DMS Activations:

Number of Public Service Announcement DMS Activations
791

* The DMS used for "Unplanned Events" includes crashes, congestion, visibility, silver alerts, etc.

14. Road Work - DMS Statistics:

Scheduled Road Work	Emergency Road Work	Total # Road Work Patterns
38	0	38
# DMS Used for Road Work		Average # of DMS/Pattern
128		3





15. Event Location - Summary By Mile Marker Reference:

I-75 Northbound		I-75 Southbound	
Mile <49	0	Mile <49	0
Mile 49-79.9	105	Mile 49-79.9	181
Mile 80-100.9	120	Mile 80-100.9	56
Mile 101-104.9	17	Mile 101-104.9	26
Mile 105-106.9	25	Mile 105-106.9	30
Mile 107-110.9	47	Mile 107-110.9	52
Mile 111-115.9	48	Mile 111-115.9	39
Mile 116-122.9	91	Mile 116-122.9	106
Mile 123-127.9	56	Mile 123-127.9	44
Mile 128-130.9	37	Mile 128-130.9	41
Mile 131-135.9	57	Mile 131-135.9	54
Mile 136 -137.9	31	Mile 136 -137.9	16
Mile 138 -138.9	27	Mile 138 -138.9	12
Mile 139 - 140.9	23	Mile 139 - 140.9	17
Mile 141 - 142.9	43	Mile 141 - 142.9	20
Mile 143 - 157.9	107	Mile 143 - 157.9	95
Mile 158 - 160.9	24	Mile 158 - 160.9	22
Mile 161 - 163.9	29	Mile 161 - 163.9	24
Mile 164 - 166.9	26	Mile 164 - 166.9	35
Mile 167 -169.9	24	Mile 167 -169.9	21
Mile 170 - 178.9	39	Mile 170 - 178.9	51
Mile 179 - 181.9	10	Mile 179 - 181.9	10
Mile 182 - 190.9	38	Mile 182 - 190.9	60
Mile 191 - 192.9	14	Mile 191 - 192.9	27
Mile 193 - 194.9	20	Mile 193 - 194.9	19
Mile 195 -199.9	31	Mile 195 -199.9	29
Mile 200 - 204.9	34	Mile 200 - 204.9	44
Mile 205 - 206.9	18	Mile 205 - 206.9	15
Mile 207 - 209.9	12	Mile 207 - 209.9	30
Mile 210 -212.9	70	Mile 210 -212.9	37
Mile 213 - 216.9	47	Mile 213 - 216.9	66
Mile 217 - 219.9	25	Mile 217 - 219.9	40
Mile 220 - 223.9	40	Mile 220 - 223.9	43
Mile 224 -227.9	31	Mile 224 -227.9	47
Mile 228 - 228.9	12	Mile 228 - 228.9	9
Mile 229 -229.9	0	Mile 229 -229.9	2
Mile 230 - 239.9	3	Mile 230 - 239.9	0
> Mile 240	0	> Mile 240	0
North Total	1381	South Total	1420

US-41 Northbound	
Collier	11
Lee	68
Charlotte	6
Sarasota	80
Manatee	57
North Total	222

US-41 Southbound	
Collier	4
Lee	21
Charlotte	4
Sarasota	27
Manatee	12
South Total	68

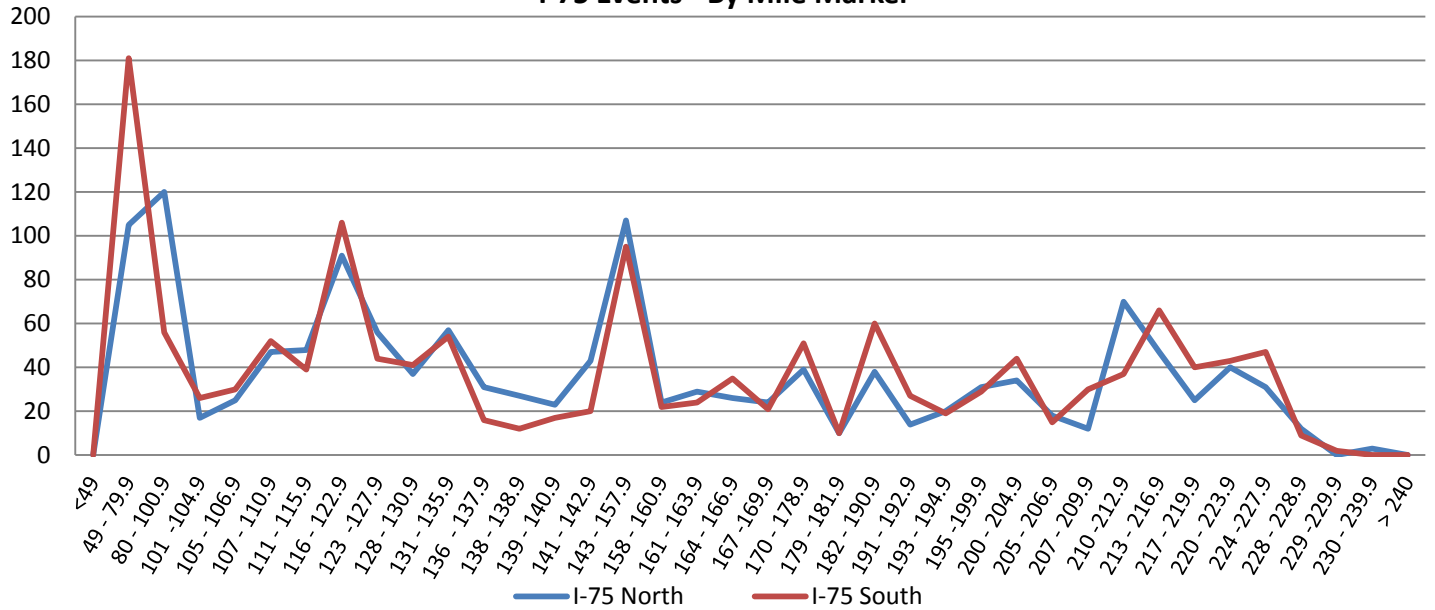
Total Events on US-41
290

Total Events on I-75
2801

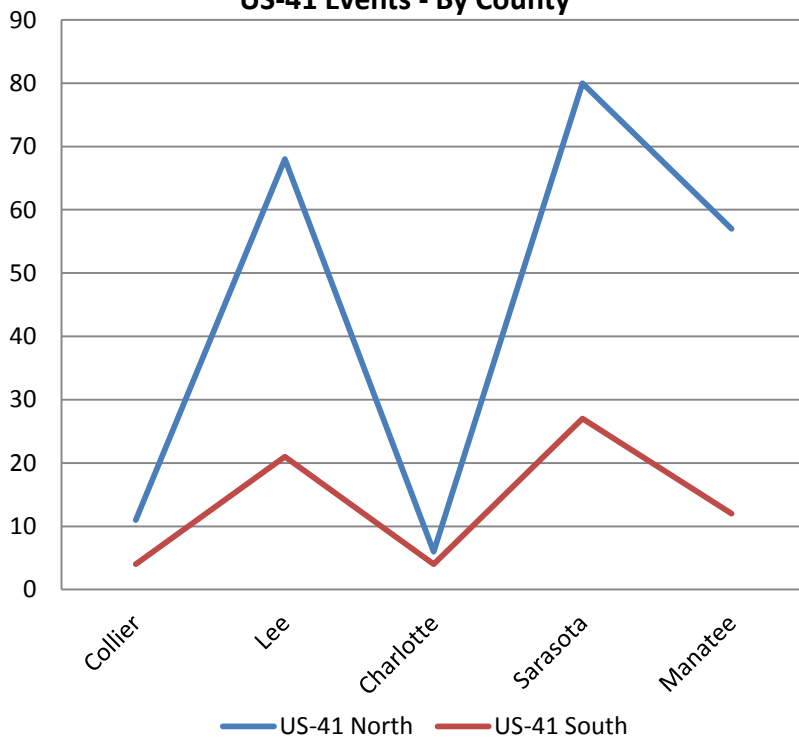
Note: The charts for these tables appear on the following page.



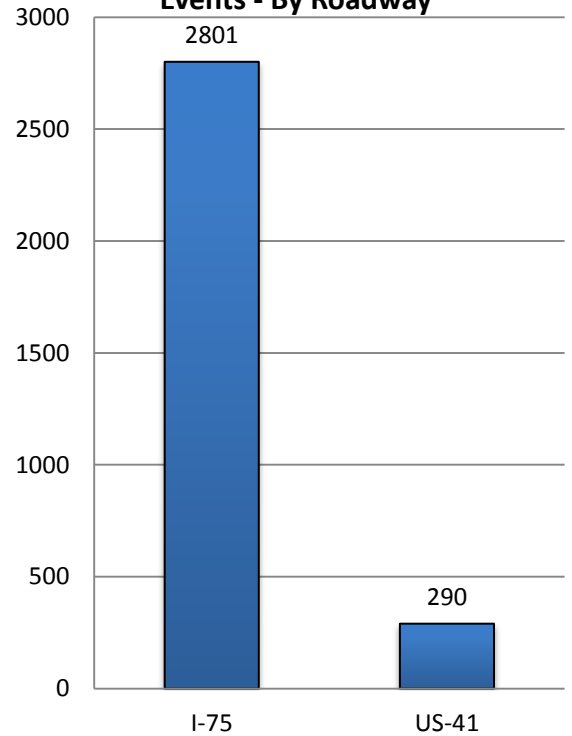
I-75 Events - By Mile Marker



US-41 Events - By County



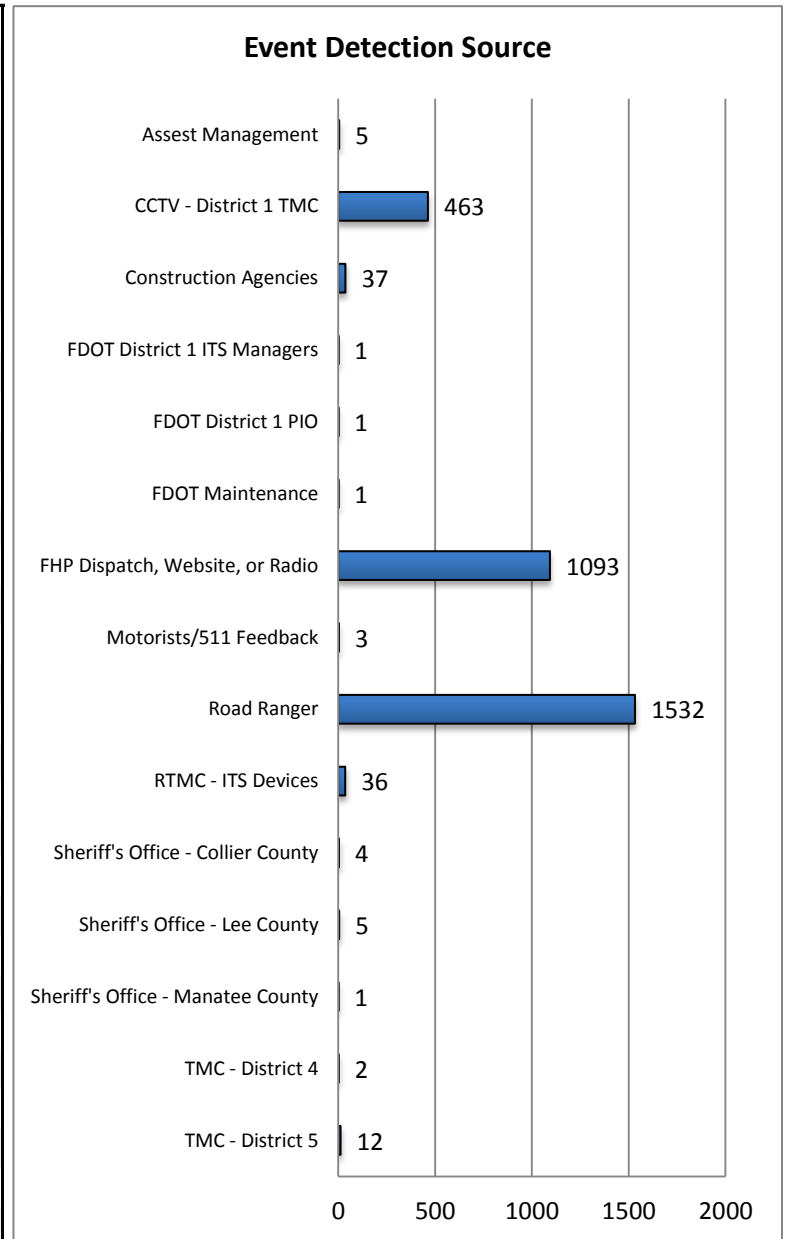
Events - By Roadway



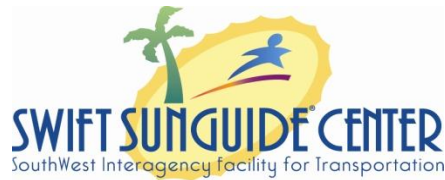


16. Event Detection Source:

Assest Management (includes Dbi & ICA)	5	0.2%
CCTV - District 1 TMC	463	14.5%
CCTV - Other	0	0.0%
Construction Agencies	37	1.2%
County and Local Law Enforcement	0	0.0%
Emergency Operations Center	0	0.0%
Emergency Operations Center-Lee	0	0.0%
FDOT District 1 ITS Managers	1	0.0%
FDOT District 1 PIO	1	0.0%
FDOT Maintenance	1	0.0%
FHP Dispatch, Website, or Radio	1093	34.2%
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	0	0.0%
Other Airport	0	0.0%
Other Field Personnel	0	0.0%
Road Ranger	1532	47.9%
RTMC - ITS Devices (TSS & Safety Barrier)	36	1.1%
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	4	0.1%
Sheriff's Office - Lee County	5	0.2%
Sheriff's Office - Manatee County	1	0.0%
Sheriff's Office - Sarasota County	0	0.0%
SW Florida Internantional Airport	0	0.0%
TMC - District 4	2	0.1%
TMC - District 5	12	0.4%
TMC - District 7	0	0.0%
TMC - Other Districts	0	0.0%
Tow Truck Companies	0	0.0%
Traffic Engineering	0	0.0%
Total Number of Incidents	3196	100.0%



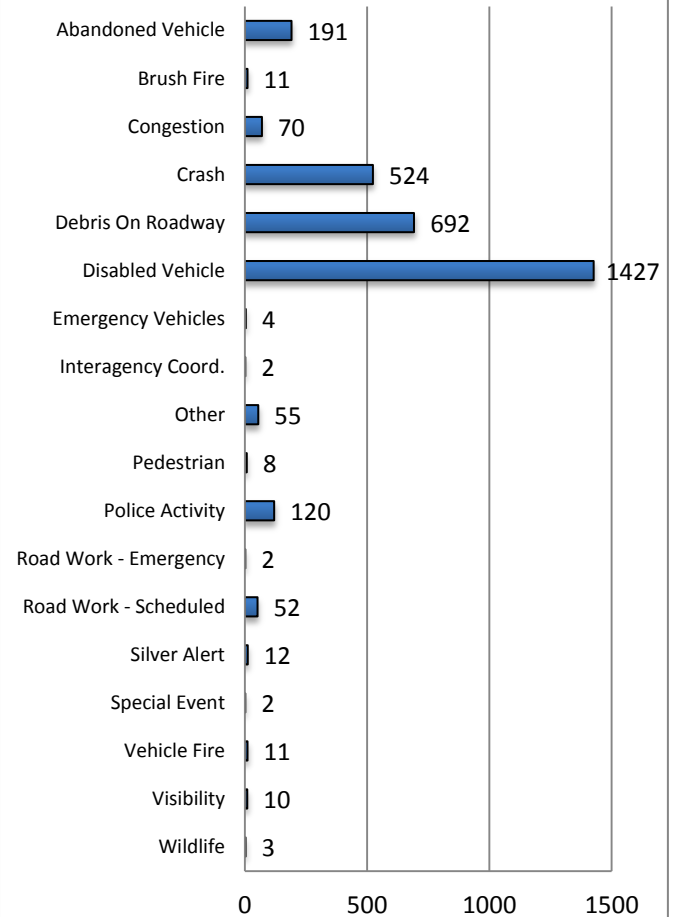
Note: Event Detection Source Categories listed as zero are not included in the above chart.



17. Event Type Summary

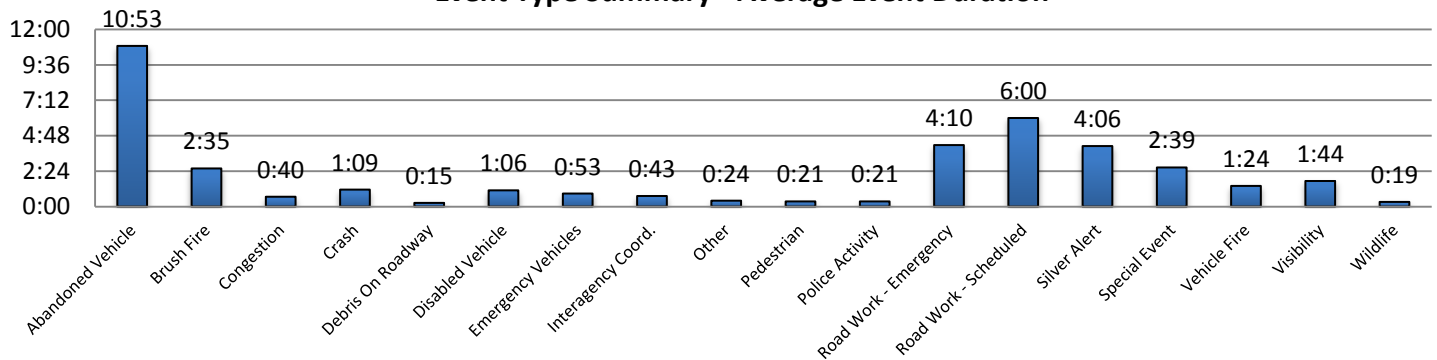
Event Types	# of Events	Average On Scene Time	Average Event Duration
Abandoned Vehicle	191	1:06	10:53
Amber Alert	0	0:00	0:00
Bridge Work	0	0:00	0:00
Brush Fire	11	0:04	2:35
Congestion	70	0:00	0:40
Crash	524	0:50	1:09
Debris On Roadway	692	0:10	0:15
Disabled Vehicle	1427	0:24	1:06
Emergency Vehicles	4	0:36	0:53
Evacuation	0	0:00	0:00
Flooding	0	0:00	0:00
Interagency Coord.	2	0:00	0:43
LEO Alert	0	0:00	0:00
Other	55	0:07	0:24
Pedestrian	8	0:18	0:21
Police Activity	120	0:15	0:21
PSA	0	0:00	0:00
Road Work - Emergency	2	0:00	4:10
Road Work - Scheduled	52	0:02	6:00
Silver Alert	12	0:00	4:06
Special Event	2	0:00	2:39
Vehicle Fire	11	1:20	1:24
Visibility	10	0:00	1:44
Weather	0	0:00	0:00
Wildlife	3	0:06	0:19
Total Events	3196	0:26	1:33

Event Type Summary - By Event Type



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

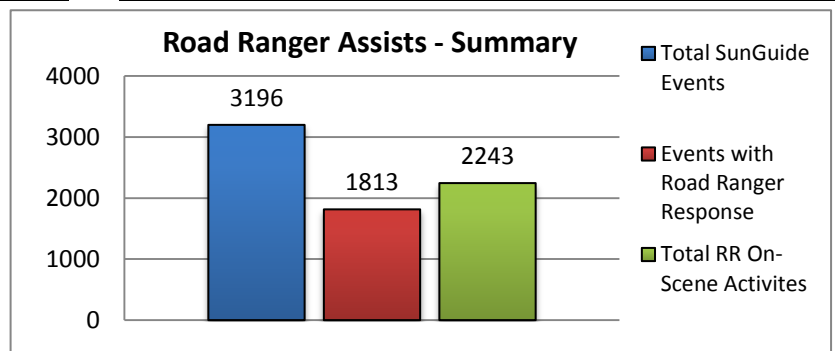
Saturday Road Rangers			
*RR104	MM 49-105	RR111	MM 167-193
RR104	MM 49-80	RR113	MM 210-230
RR103	MM 80-105	RR112	MM 224-230
RR105	(Spare Truck)		I-275 MM 0-13
RR106	MM 105-123	#RR113	I-275 MM 0-13
RR109	MM 143-170		

*RR 104 covers Ex 49-105 until noon when RR 103 begins patrolling
#RR 113 covers I-275 until 11 AM when RR112 arrives for District 7

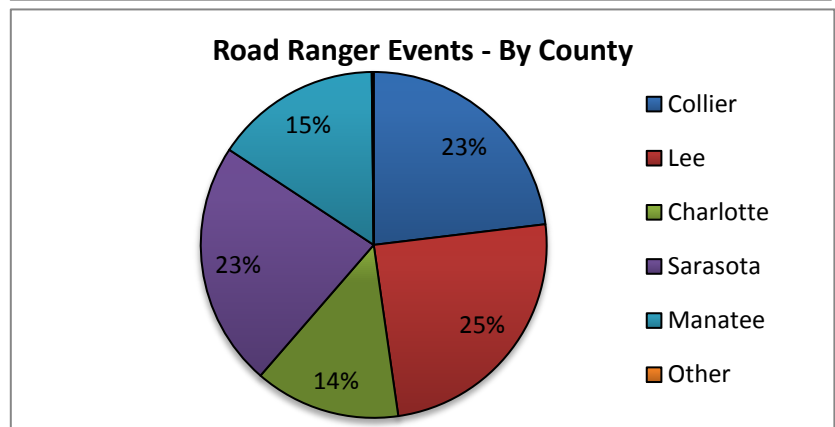
Sunday Road Rangers			
*RR103	MM 49-105	RR111	MM 167-193
RR103	MM 49-80	RR113	MM 210-230
RR104	MM 80-105	RR112	MM 224-230
RR105	(Spare Truck)		I-275 MM 0-13
RR106	MM 105-123	#RR113	I-275 MM 0-13
RR109	MM 143-170		

*RR 103 covers Ex 49-105 until noon when RR 104 begins patrolling
#RR 113 covers I-275 until 11 AM when RR112 arrives for District 7

18. Road Ranger Assists Summary	
Total SunGuide Events	3196
Events with Road Ranger Response	1813
Total RR On-Scene Activities	2243
Average Activities/Assisted Event	1.24
% of Events Assisted	56.73%



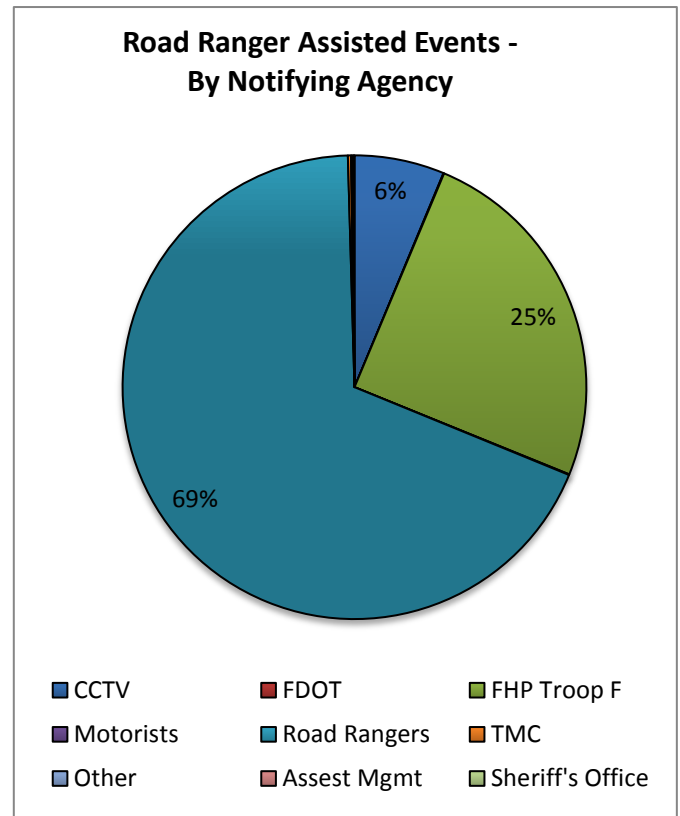
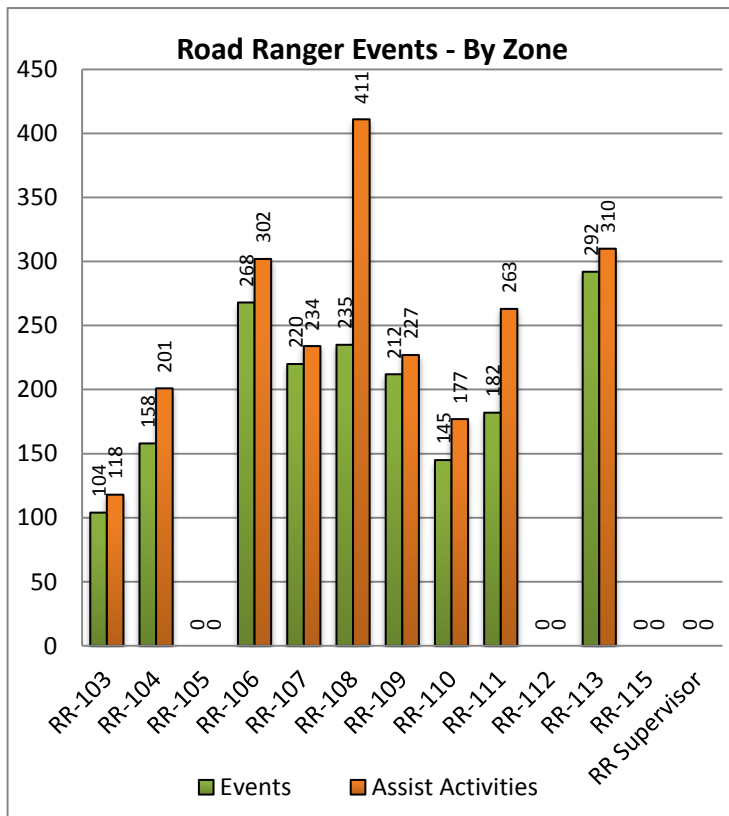
19. Road Ranger Events By County:	
District 1 Counties	Road Ranger Events
Collier	508
Lee	542
Charlotte	300
Sarasota	504
Manatee	342
Other	4
Totals	2200





20. Road Ranger Events - By Zone:		
Road Ranger Zones	Road Ranger Events	Assist Activities
RR-103	104	118
RR-104	158	201
RR-105	0	0
RR-106	268	302
RR-107	220	234
RR-108	235	411
RR-109	212	227
RR-110	145	177
RR-111	182	263
RR-112	0	0
RR-113	292	310
RR-115	0	0
RR Supervisor	0	0
Totals	1816	2243

21. Road Ranger Assisted Events - By Notifying Agency:		
Notifying Agency	Number of Events	% of Events
CCTV	138	6.3%
FDOT	1	0.0%
FHP Troop F	546	24.8%
Motorists	1	0.0%
Road Rangers	1504	68.4%
TMC	5	0.2%
Other	0	0.0%
Assesst Mgmt	3	0.1%
Sheriff's Office	2	0.1%
Totals	2200	100.0%

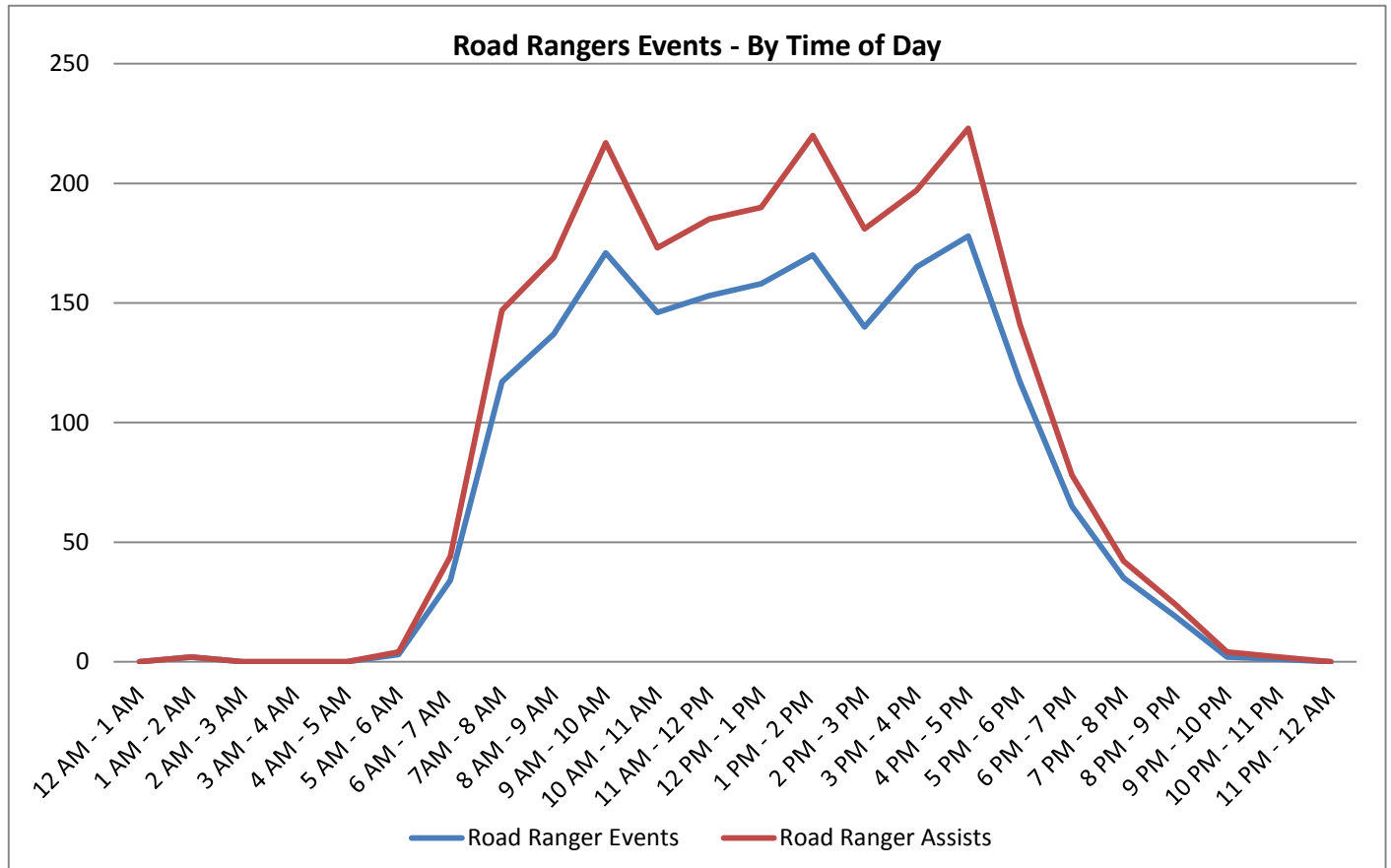




**22. Road Ranger Assisted Events -
By Time of Day:**

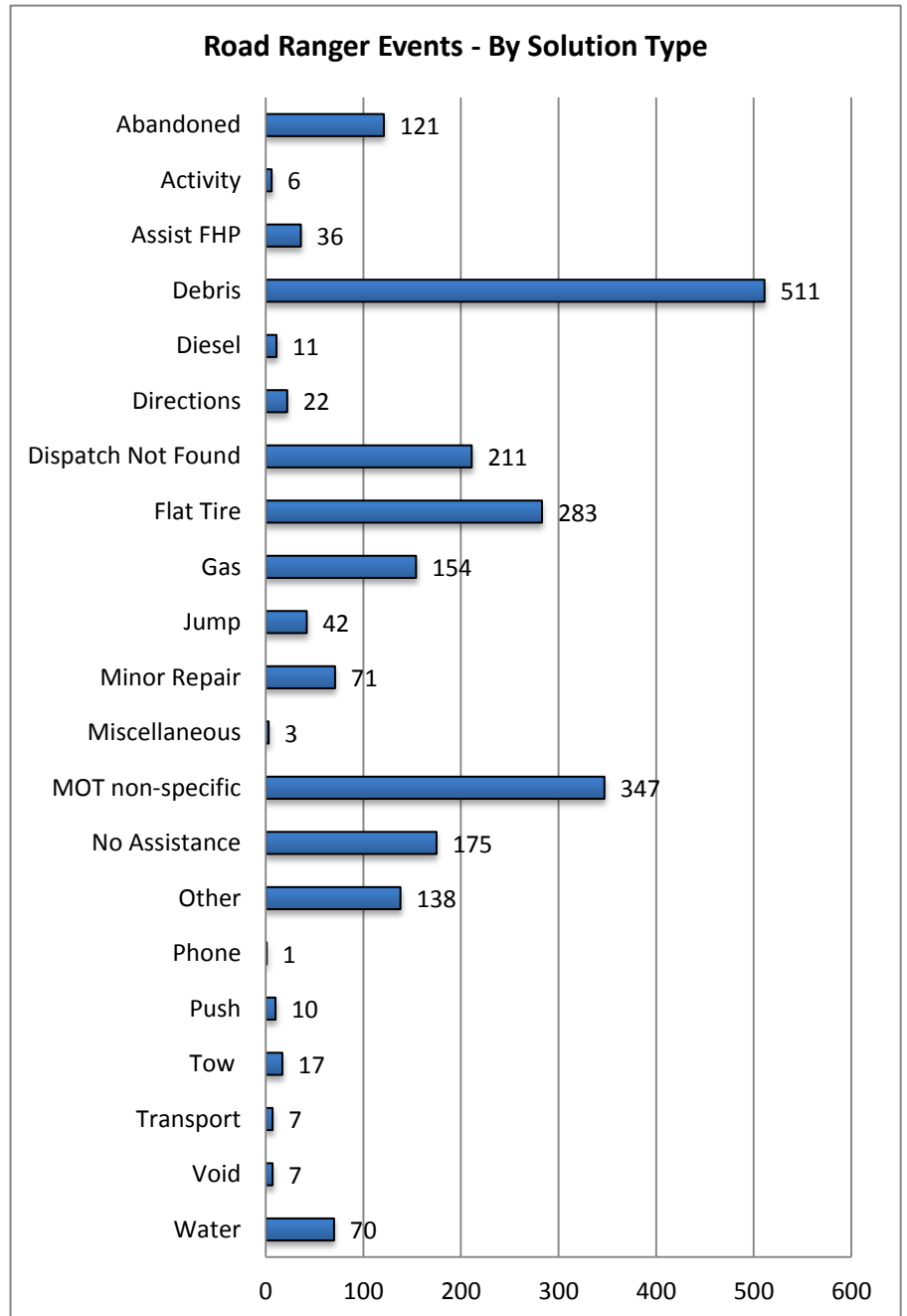
Time of Day	RR Events	RR Assists
12 AM - 1 AM	0	0
1 AM - 2 AM	2	2
2 AM - 3 AM	0	0
3 AM - 4 AM	0	0
4 AM - 5 AM	0	0
5 AM - 6 AM	3	4
6 AM - 7 AM	34	44
7 AM - 8 AM	117	147
8 AM - 9 AM	137	169
9 AM - 10 AM	171	217
10 AM - 11 AM	146	173
11 AM - 12 PM	153	185

Time of Day	RR Events	RR Assists
12 PM - 1 PM	158	190
1 PM - 2 PM	170	220
2 PM - 3 PM	140	181
3 PM - 4 PM	165	197
4 PM - 5 PM	178	223
5 PM - 6 PM	117	141
6 PM - 7 PM	65	78
7 PM - 8 PM	35	42
8 PM - 9 PM	19	24
9 PM - 10 PM	2	4
10 PM - 11 PM	1	2
11 PM - 12 AM	0	0
Totals	1813	2243





23. Road Ranger Events - By Solution Type:	
Problem Type	# of Assists
Abandoned	121
Absorbant	0
Activity	6
Assist FHP	36
Bleach	0
Cold Patch Asphalt	0
Debris	511
Deploy Cones	0
Diesel	11
Directions	22
Dispatch Not Found	211
Flare	0
Flat Tire	283
Flood Lamp	0
Gas	154
Jump	42
Livestock	0
Lockout	0
Minor Repair	71
Miscellaneous	3
MOT non-specific	347
No Assistance	175
Oil	0
Other	138
Phone	1
Portland Cement	0
Push	10
Radio	0
Tow	17
Translate	0
Transmission Fluid	0
Transport	7
Turbo Flare	0
Unsuccessful Repair	0
Void	7
Water	70
Wildlife	0
Total Assist Activities	2243



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