



This is the FDOT District 1 Swift SunGuide Center Monthly Operations Report, for the First Quarter of 2013. This Report contains the numerical data and counts, for January, February, and March, 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.



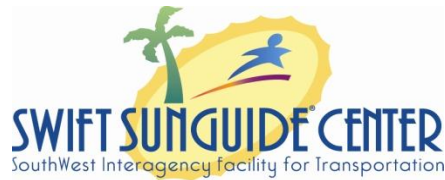
Definitions

- 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:

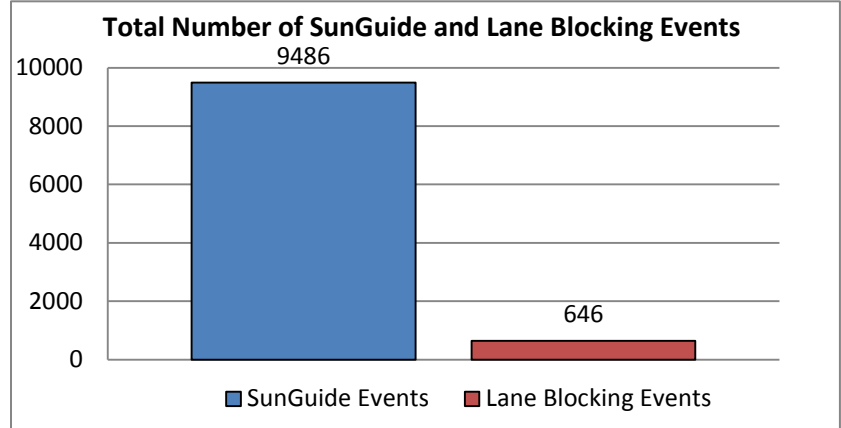
- Level 1 -** Incidents of any duration that do not close travel lanes (shoulder incidents, delays, event delays, etc.) or the "Start Time" to "Clear Time" duration of a lane closing (not road closing) incident is estimated to be < 30 minutes.
- Level 2 -** The "Start Time" to "Clear Time" duration of 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:
9486

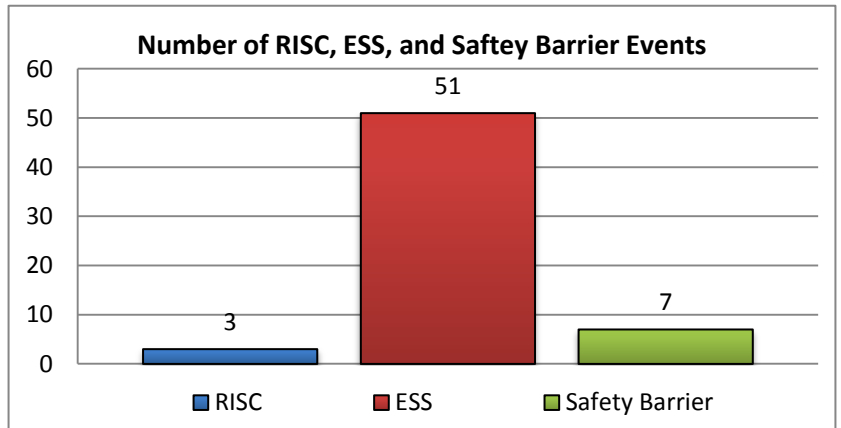
2. Number of Lane Blocking Events:
646



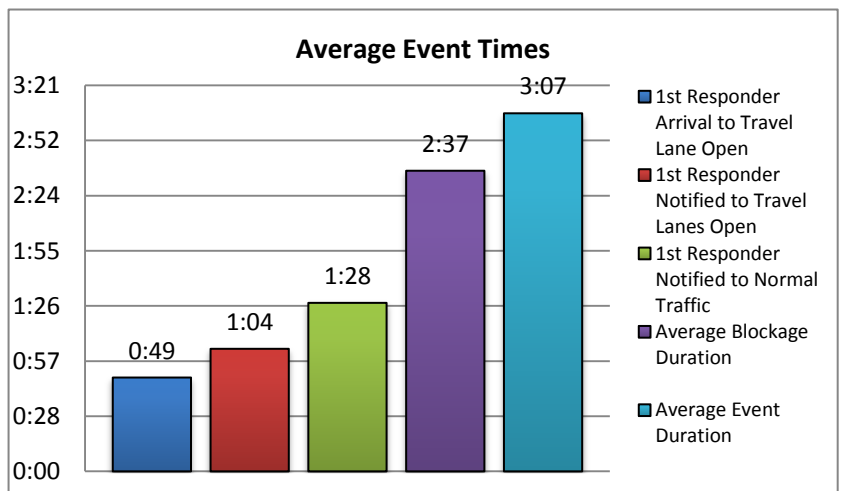
3. Number of RISC Events:
3

4. Number of ESS Events:
51

5. Events from a Safety Barrier Alert:
7



6. Average Open Roads Policy & Normal Traffic Times for I-75 Incidents	
Average Incident Duration From First Responder Arrival to Travel Lane Open	0:49
Average Incident Duration From First Responder Notified to Travel Lane Open	1:04
Average Incident Duration From First Responder Notified to Normal Traffic	1:28



7. Average Blockage/Event Duration - For All Lane Blocking Events	
Number of Events	9486
Number of Lane Blocking Events	646
Number of Secondary Incidents	52
Average Blockage Duration	2:37
Average Event Duration	3:07

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.



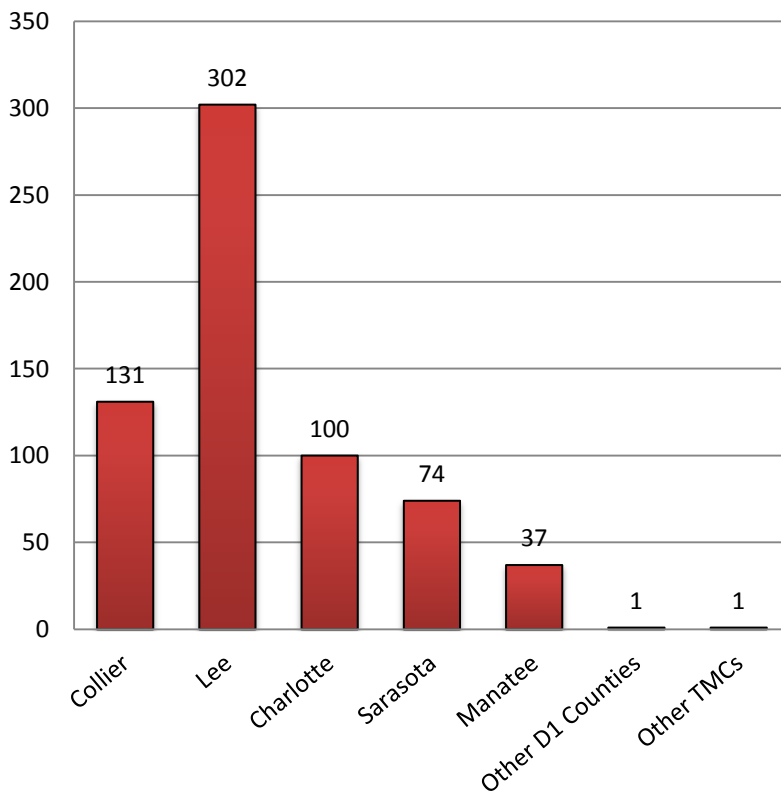
8. Lane Blocking Incidents - By County and Roadway:

Roadways	Collier County	Lee County	Charlotte County	Sarasota County	Manatee County	Other Dist 1 Counties
I-75	82	210	98	36	14	-
US-41	45	81	2	37	23	-
I-275	-	-	-	-	0	-
Arterials	4	11	0	1	0	1
Total Incidents	131	302	100	74	37	1

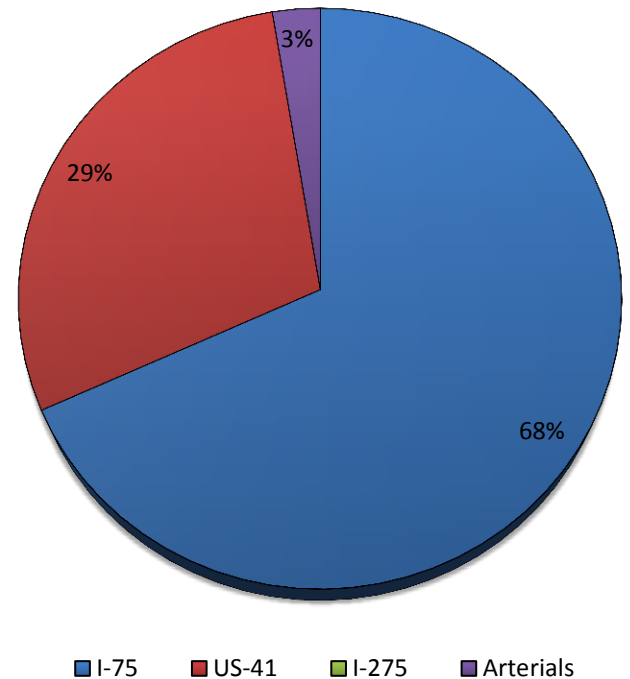
Roadways	District 7* TMC	District 6* TMC	District 4* TMC	FL Turnpike* TMC	Total Incidents By Roadway
I-75	0	0	1	-	441
US-41	0	0	-	-	188
I-275	0	-	-	-	0
Arterials	0	0	0	0	17
Total Incidents	0	0	1	0	646

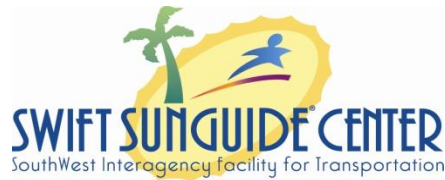
*These are incidents that occurred outside of the District 1 coverage area but required SWIFT SunGuide assistance.

Lane Blocking Incidents - By County



Lane Blocking Incidents - By Roadway



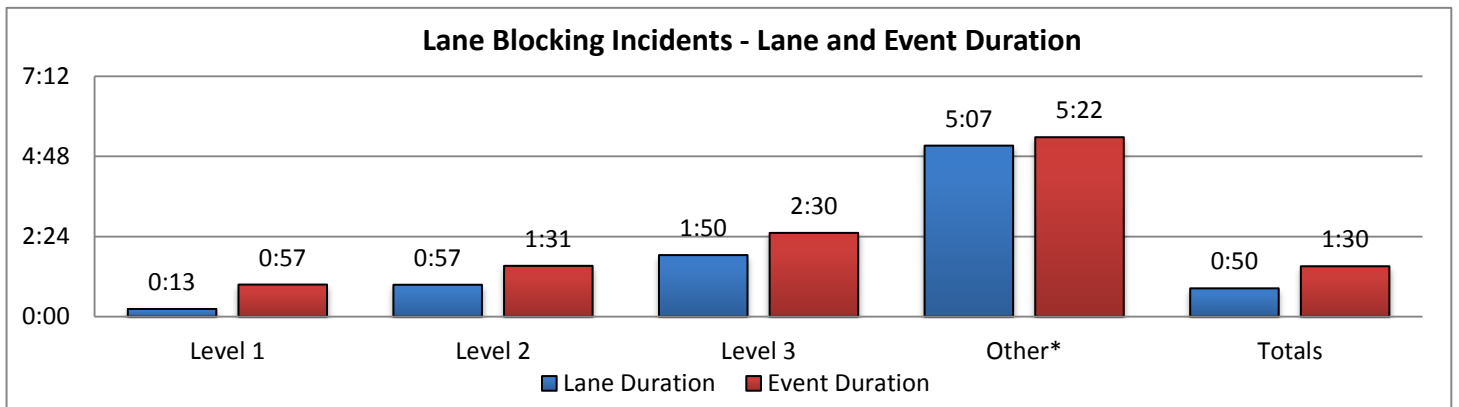
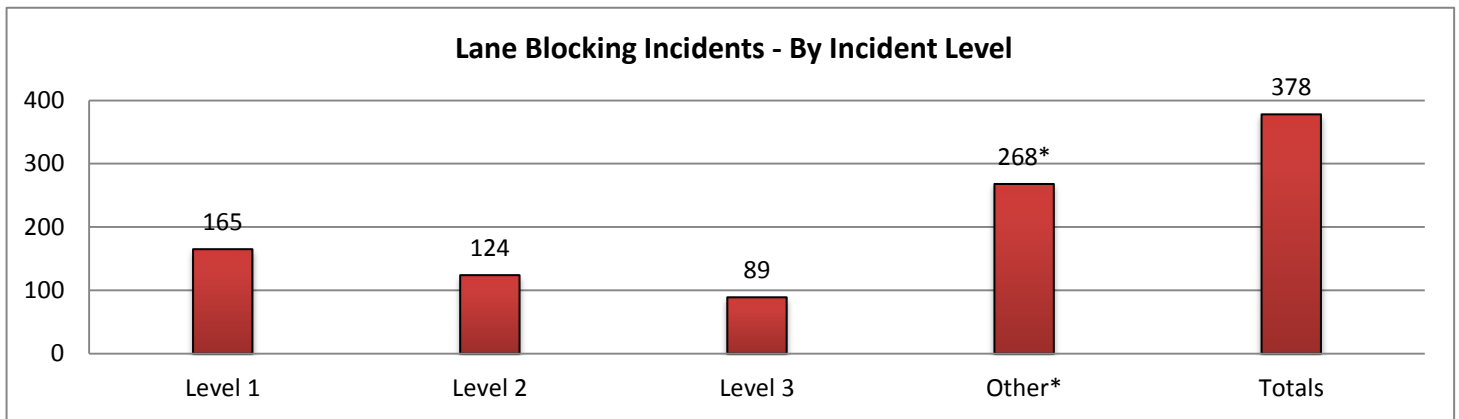


9. LANE BLOCKING INCIDENTS - By Incident Level:

	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	42	0:13	1:18	75	0:14	0:48	12	0:10	0:36	25	0:14	1:06
Level 2	26	0:51	1:31	47	1:00	1:26	6	1:16	1:51	29	0:53	1:35
Level 3	31	1:37	2:19	26	2:15	2:51	6	1:44	2:10	14	2:07	2:49
Other*	32*	2:21	2:31	154*	5:51	6:07	76*	5:09	5:24	6*	0:55	1:16
Totals	99	0:49	1:40	148	0:49	1:21	24	0:50	1:18	68	0:53	1:39

	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	10	0:19	0:54	0	0:00	0:00	1	0:05	0:07	165	0:13	0:57
Level 2	16	1:00	1:33	0	0:00	0:00	0	0:00	0:00	124	0:57	1:31
Level 3	11	1:20	2:11	1	0:44	0:50	0	0:00	0:00	89	1:50	2:30
Other*	0*	0:00	0:00	0*	0:00	0:00	0*	0:00	0:00	268*	5:07	5:22
Totals	37	0:54	1:33	1	0:44	0:50	1	0:05	0:07	378	0:50	1:30

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

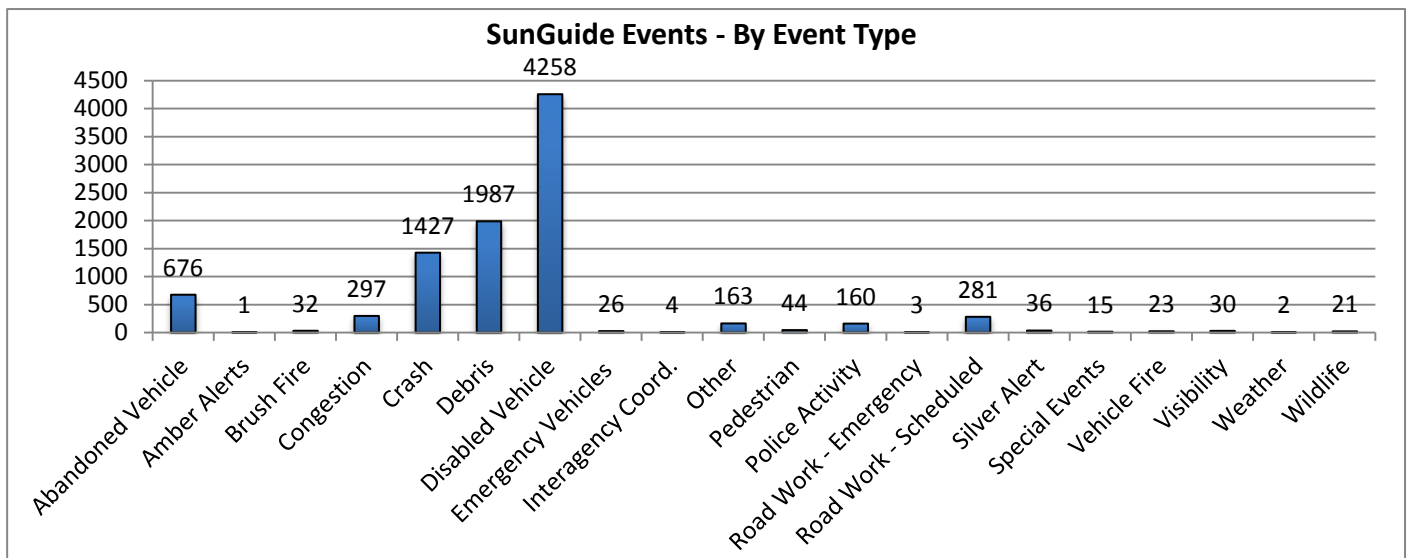




10. SunGuide Events - by Event Type:

Incidents	Collier County	Lee County	Charlotte County	Sarasota County	Manatee County	Other D-1 Counties	Other Dist. TMCs	Total # of Events
Abandoned Vehicle	141	168	73	199	94	0	1	676
Amber Alerts	0	1	0	0	0	0	0	1
Brush Fire	14	6	3	6	3	0	0	32
Congestion	62	207	13	9	6	0	0	297
Crash	186	417	51	415	334	23	1	1427
Debris	260	460	388	581	296	0	2	1987
Disabled Vehicle	1375	1104	440	736	592	1	10	4258
Emergency Vehicles	13	7	0	4	1	1	0	26
Interagency Coord.	1	1	0	0	0	0	2	4
LEO Alerts	0	0	0	0	0	0	0	0
Other	14	22	20	83	23	1	0	163
Pedestrian	9	10	3	9	13	0	0	44
Police Activity	62	70	21	6	1	0	0	160
Road Work - Emergency	1	0	1	1	0	0	0	3
Road Work - Scheduled	33	154	77	16	0	1	0	281
Silver Alert	0	36	0	0	0	0	0	36
Special Events	1	4	1	2	2	5	0	15
Vehicle Fire	8	6	2	5	2	0	0	23
Visibility	13	14	1	2	0	0	0	30
Weather	0	0	0	1	1	0	0	2
Wildlife	5	2	1	10	3	0	0	21
Total Incidents	2198	2689	1095	2085	1371	32	16	9486

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

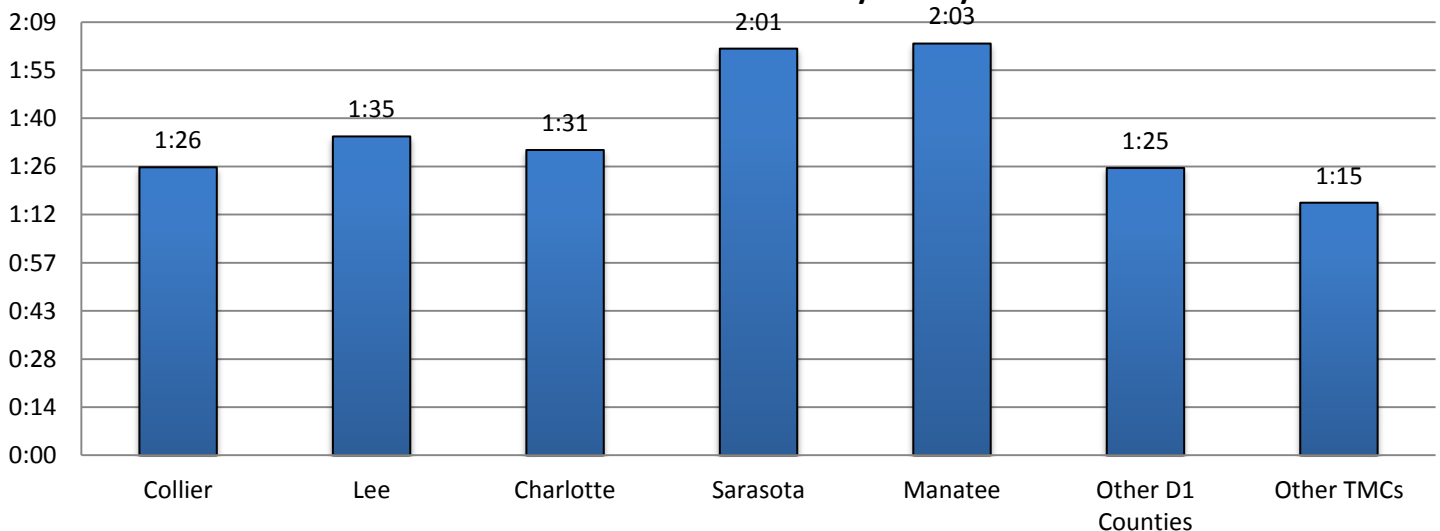




11. SunGuide Event Duration (Average) - by Event Type:

	Collier County	Lee County	Charlotte County	Sarasota County	Manatee County	Other D-1 Counties	Other Dist. TMCs	All Counties
Abandoned Vehicle	7:59	7:24	8:51	11:39	13:34	0:00	17:13	9:48
Amber Alerts	0:00	3:38	0:00	0:00	0:00	0:00	0:00	3:38
Brush Fire	3:45	0:37	0:46	2:34	2:43	0:00	0:00	2:33
Congestion	0:33	0:38	0:44	1:01	1:48	0:00	0:00	0:39
Crash	1:09	1:05	1:13	1:12	1:12	0:19	0:49	1:08
Debris	0:17	0:14	0:13	0:17	0:16	0:00	0:02	0:15
Disabled Vehicle	1:02	0:56	0:57	1:26	1:41	0:07	0:04	1:09
Emergency Vehicles	1:15	1:09	0:00	1:44	7:18	0:28	0:00	1:30
Interagency Coord.	1:16	8:27	0:00	0:00	0:00	0:00	0:37	2:44
LEO Alerts	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
Other	1:01	0:17	0:18	0:15	0:16	0:06	0:00	0:19
Pedestrian	0:16	0:13	0:20	0:09	0:08	0:00	0:00	0:11
Police Activity	0:17	0:46	0:27	0:35	0:04	0:00	0:00	0:31
Road Work - Emergency	1:00	0:00	1:58	0:17	0:00	0:00	0:00	1:05
Road Work - Scheduled	2:48	6:07	5:23	7:00	0:00	0:27	0:00	5:33
Silver Alert	0:00	4:22	0:00	0:00	0:00	0:00	0:00	4:22
Special Events	10:25	7:46	6:31	1:50	6:31	7:25	0:00	6:47
Vehicle Fire	1:27	2:24	0:53	0:52	2:27	0:00	0:00	1:36
Visibility	5:00	5:24	2:23	2:56	0:00	0:00	0:00	4:57
Weather	0:00	0:00	0:00	0:06	9:08	0:00	0:00	4:37
Wildlife	0:41	2:37	1:06	0:51	0:38	0:00	0:00	0:57
Total Incidents	1:26	1:35	1:31	2:01	2:03	1:25	1:15	1:42

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
3019	434	7	3:01

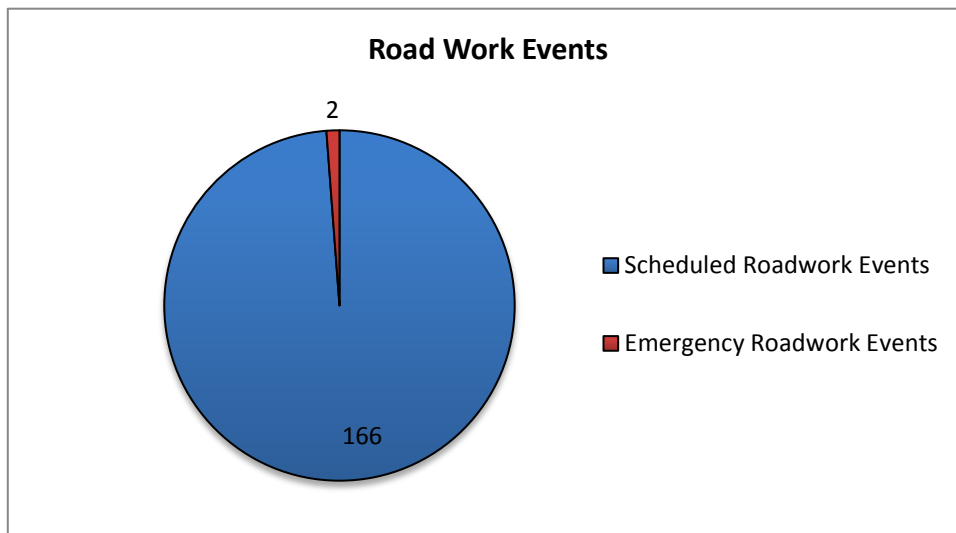
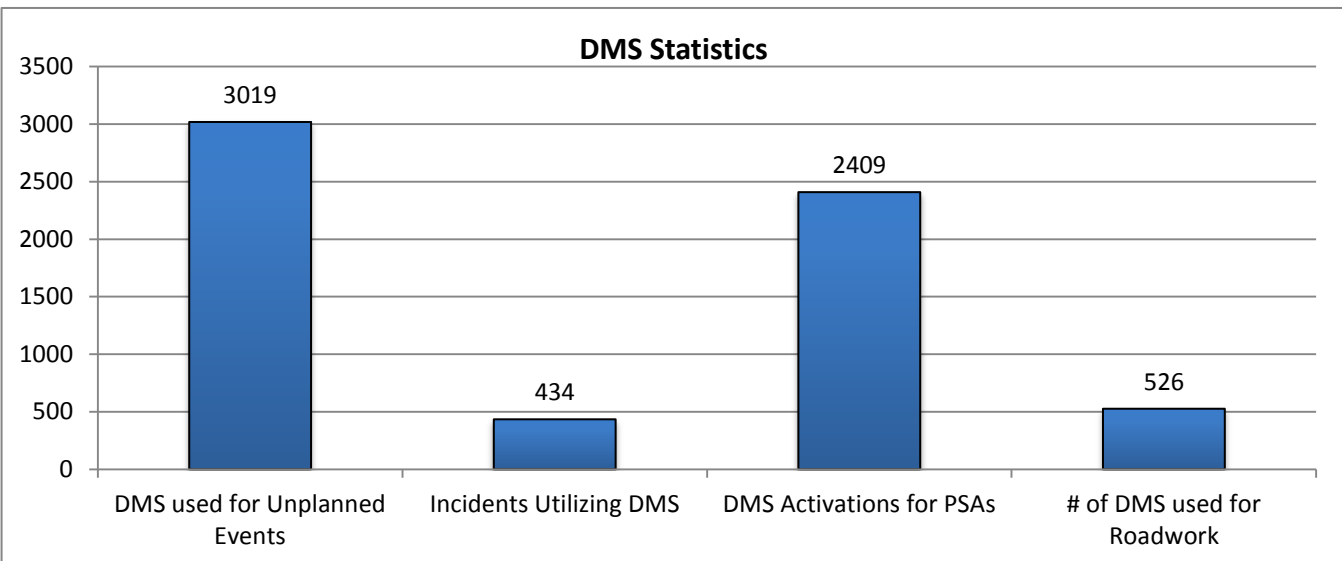
13. PSA - DMS Activations:

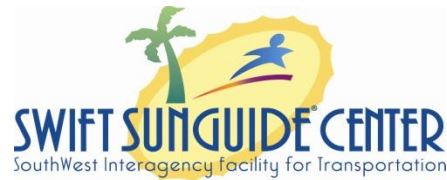
Number of Public Service Announcement DMS Activations
2409

14. Road Work - DMS Statistics:

Scheduled Road Work	Emergency Road Work	Total # Road Work Patterns
166	2	168
# DMS Used for Road Work		Average # of DMS/Pattern
526		3

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





15. Event Location - Summary By Mile Marker Reference:

I-75 Northbound		I-75 Southbound	
Mile <49	4	Mile <49	0
Mile 49-79.9	360	Mile 49-79.9	398
Mile 80-100.9	351	Mile 80-100.9	205
Mile 101-104.9	38	Mile 101-104.9	55
Mile 105-106.9	51	Mile 105-106.9	62
Mile 107-110.9	137	Mile 107-110.9	141
Mile 111-115.9	123	Mile 111-115.9	114
Mile 116-122.9	294	Mile 116-122.9	246
Mile 123-127.9	175	Mile 123-127.9	134
Mile 128-130.9	159	Mile 128-130.9	121
Mile 131-135.9	231	Mile 131-135.9	152
Mile 136 -137.9	81	Mile 136 -137.9	41
Mile 138 -138.9	63	Mile 138 -138.9	40
Mile 139 - 140.9	64	Mile 139 - 140.9	45
Mile 141 - 142.9	128	Mile 141 - 142.9	74
Mile 143 - 157.9	327	Mile 143 - 157.9	289
Mile 158 - 160.9	81	Mile 158 - 160.9	58
Mile 161 - 163.9	70	Mile 161 - 163.9	85
Mile 164 - 166.9	95	Mile 164 - 166.9	77
Mile 167 -169.9	74	Mile 167 -169.9	89
Mile 170 - 178.9	131	Mile 170 - 178.9	145
Mile 179 - 181.9	45	Mile 179 - 181.9	38
Mile 182 - 190.9	178	Mile 182 - 190.9	161
Mile 191 - 192.9	57	Mile 191 - 192.9	51
Mile 193 - 194.9	63	Mile 193 - 194.9	64
Mile 195 -199.9	97	Mile 195 -199.9	81
Mile 200 - 204.9	136	Mile 200 - 204.9	130
Mile 205 - 206.9	55	Mile 205 - 206.9	47
Mile 207 - 209.9	92	Mile 207 - 209.9	79
Mile 210 -212.9	170	Mile 210 -212.9	117
Mile 213 - 216.9	142	Mile 213 - 216.9	141
Mile 217 - 219.9	114	Mile 217 - 219.9	122
Mile 220 - 223.9	102	Mile 220 - 223.9	102
Mile 224 -227.9	110	Mile 224 -227.9	119
Mile 228 - 228.9	31	Mile 228 - 228.9	30
Mile 229 -229.9	6	Mile 229 -229.9	9
Mile 230 - 239.9	7	Mile 230 - 239.9	2
> Mile 240	0	> Mile 240	0
North Total	4442	South Total	3864

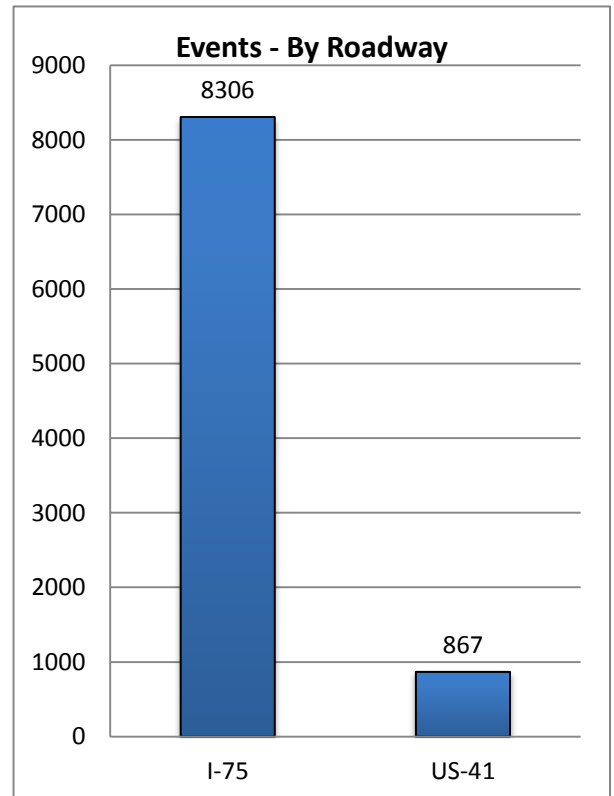
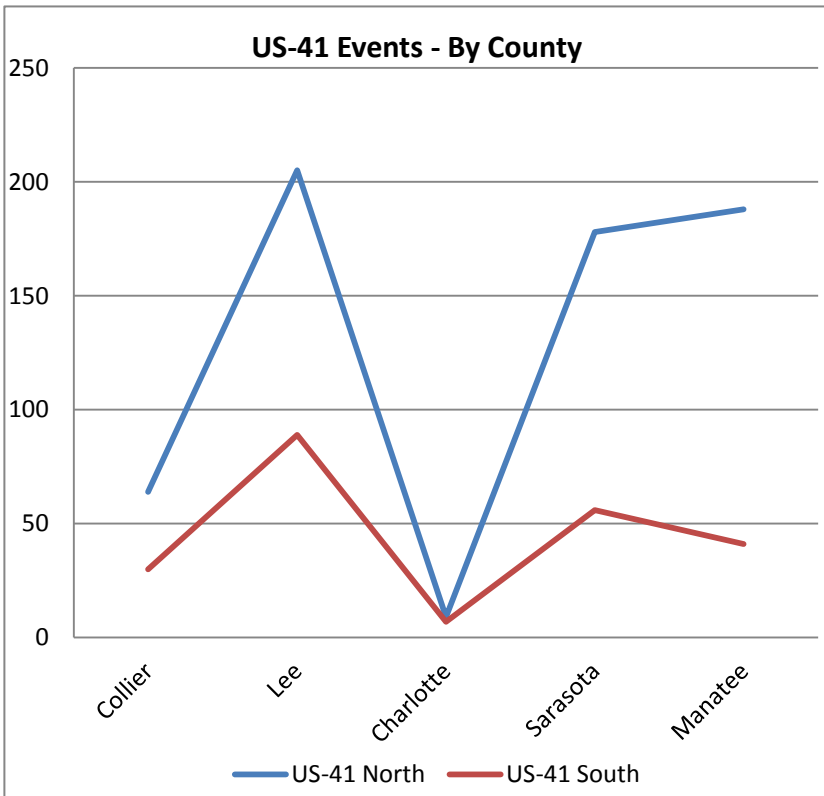
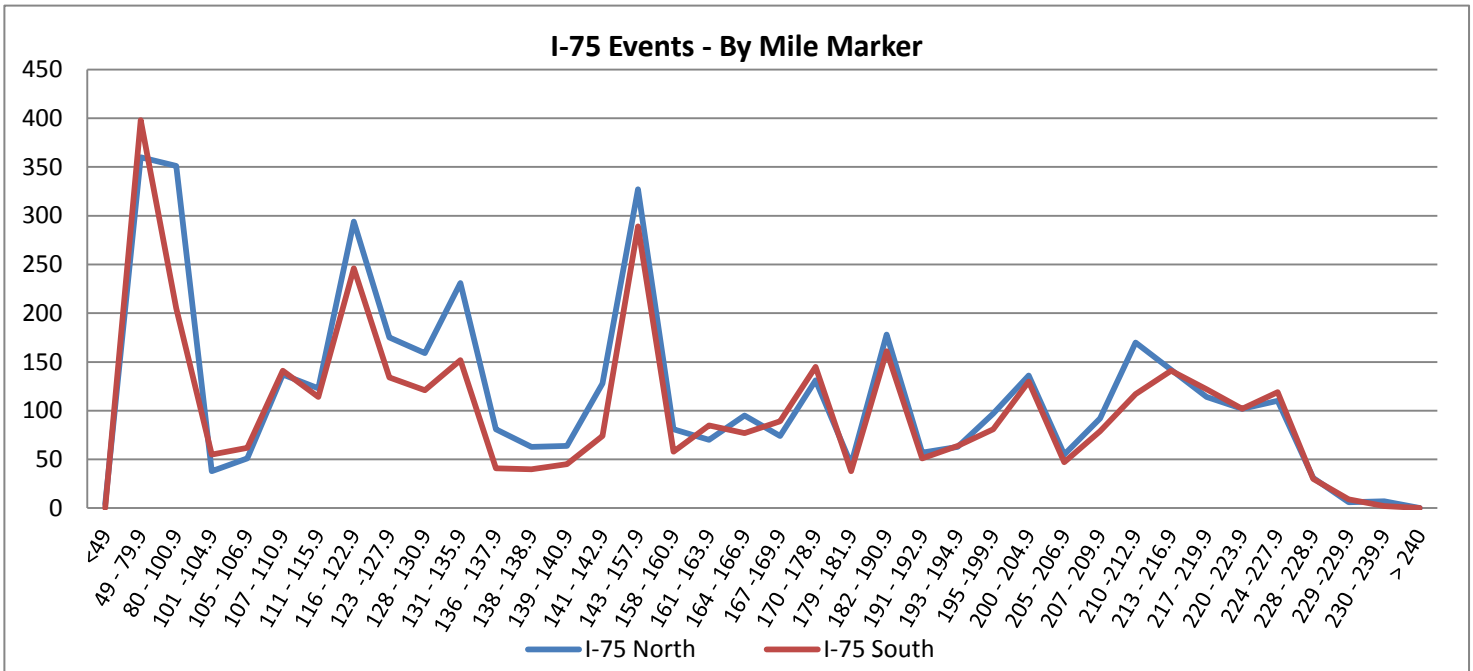
US-41 Northbound	
Collier	64
Lee	205
Charlotte	9
Sarasota	178
Manatee	188
North Total	644

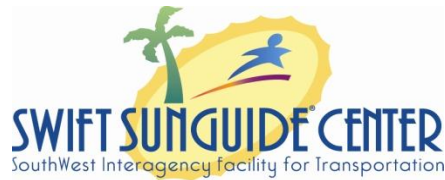
US-41 Southbound	
Collier	30
Lee	89
Charlotte	7
Sarasota	56
Manatee	41
South Total	223

Total Events on US-41
867

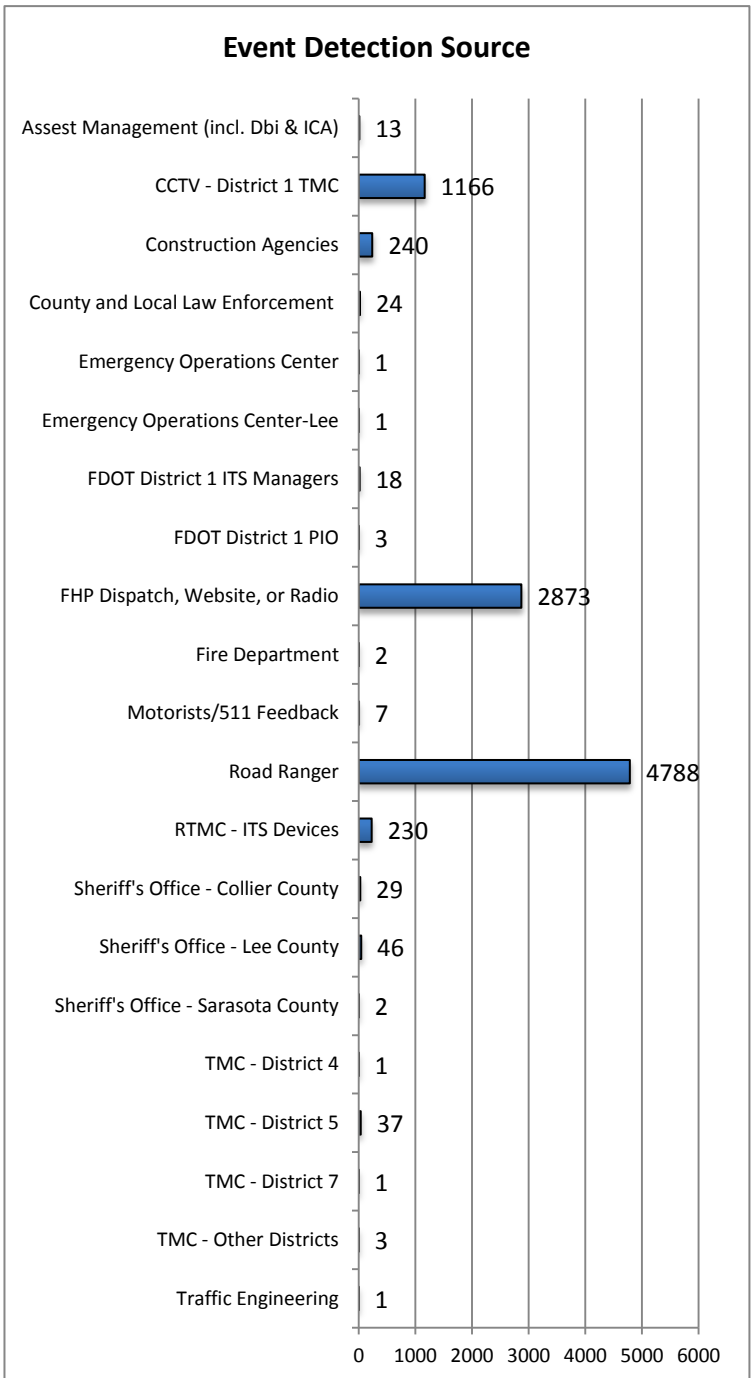
Total Events on I-75
8306

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





16. Event Detection Source:		
Assest Management (includes Dbi & ICA)	13	0.1%
CCTV - District 1 TMC	1166	12.3%
CCTV - Other	0	0.0%
Construction Agencies	240	2.5%
County and Local Law Enforcement	24	0.3%
Emergency Operations Center	1	0.0%
Emergency Operations Center-Lee	1	0.0%
FDOT District 1 ITS Managers	18	0.2%
FDOT District 1 PIO	3	0.0%
FDOT Maintenance	0	0.0%
FHP Dispatch, Website, or Radio	2873	30.3%
FHP Incident Alerts	0	0.0%
Fire Department	2	0.0%
HazMat/DEP	0	0.0%
MCCO	0	0.0%
Media	0	0.0%
Motorists/511 Feedback	7	0.1%
Other	0	0.0%
Other Airport	0	0.0%
Other Field Personnel	0	0.0%
Road Ranger	4788	50.5%
RTMC - ITS Devices (TSS & Safety Barrier)	230	2.4%
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	29	0.3%
Sheriff's Office - Lee County	46	0.5%
Sheriff's Office - Manatee County	0	0.0%
Sheriff's Office - Sarasota County	2	0.0%
SW Florida Internantion Airport	0	0.0%
TMC - District 4	1	0.0%
TMC - District 5	37	0.4%
TMC - District 7	1	0.0%
TMC - Other Districts	3	0.0%
Tow Truck Companies	0	0.0%
Traffic Engineering	1	0.0%
Total Number of Incidents	9486	100.0%

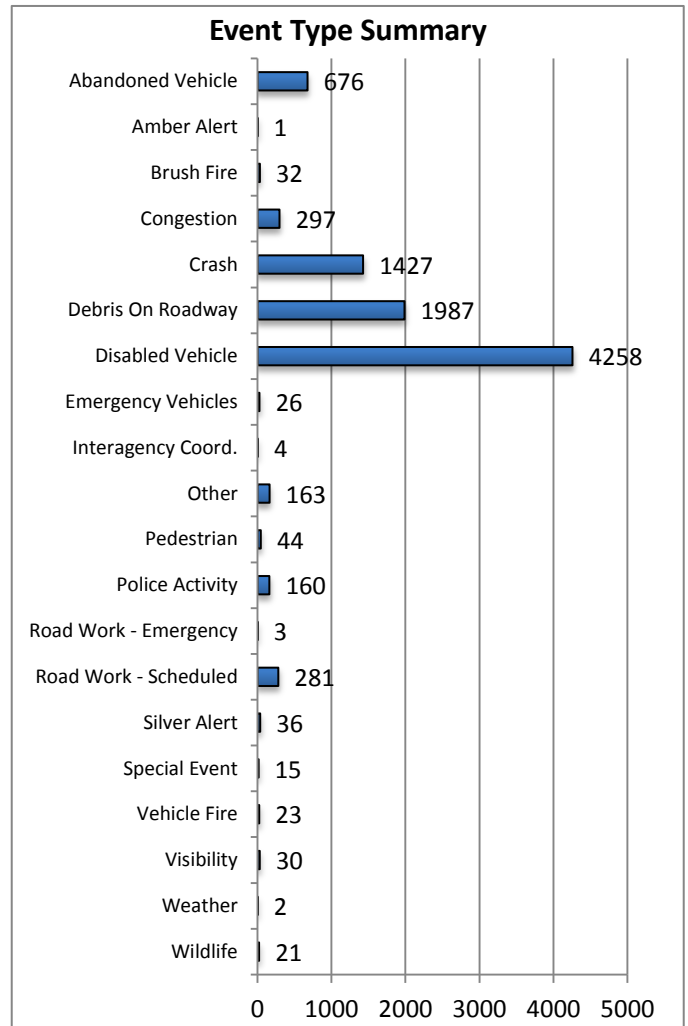


Note: Event Detection Source Categories listed as zero are not included in the above chart.

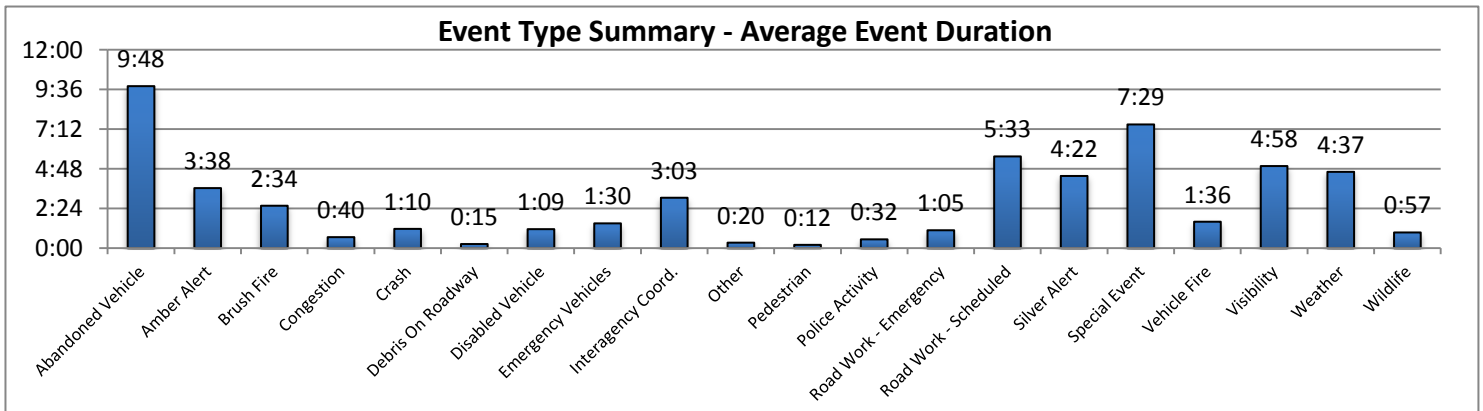


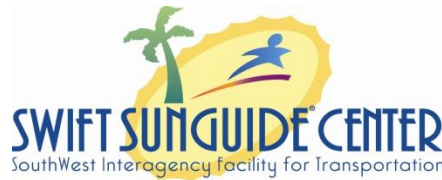
17. Event Type Summary

Event Types	# of Events	Average On Scene Time	Average Event Duration
Abandoned Vehicle	676	0:59	9:48
Amber Alert	1	0:00	3:38
Bridge Work	0	0:00	0:00
Brush Fire	32	1:47	2:34
Congestion	297	0:01	0:40
Crash	1427	0:56	1:10
Debris On Roadway	1987	0:11	0:15
Disabled Vehicle	4258	0:24	1:09
Emergency Vehicles	26	1:13	1:30
Evacuation	0	0:00	0:00
Flooding	0	0:00	0:00
Interagency Coord.	4	0:15	3:03
LEO Alert	0	0:00	0:00
Other	163	0:08	0:20
Pedestrian	44	0:04	0:12
Police Activity	160	0:21	0:32
PSA	0	0:00	0:00
Road Work - Emergency	3	0:26	1:05
Road Work - Scheduled	281	0:09	5:33
Silver Alert	36	0:02	4:22
Special Event	15	0:45	7:29
Vehicle Fire	23	1:06	1:36
Visibility	30	0:00	4:58
Weather	2	0:00	4:37
Wildlife	21	0:43	0:57
Total Events	9486	9:30	7:28



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

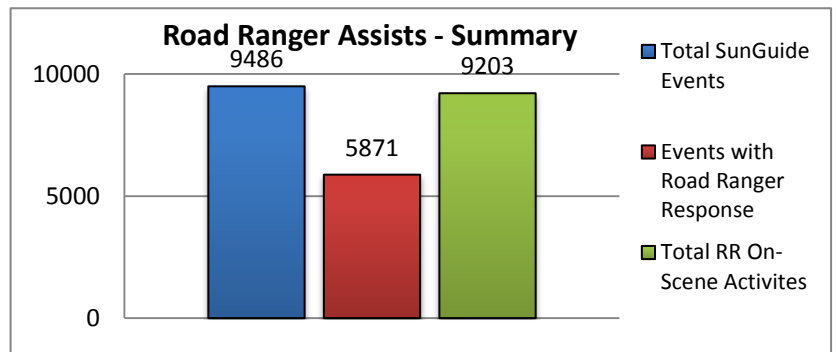
Saturday Road Rangers			
*RR104	MM 49-105	RR111	MM 167-193
RR104	MM 49-80	RR113	MM 210-230
RR103	MM 80-105	RR112	MM 224-230
RR105	(Spare Truck)		I-275 MM 0-13
RR106	MM 105-123	#RR113	I-275 MM 0-13
RR109	MM 143-170		

*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

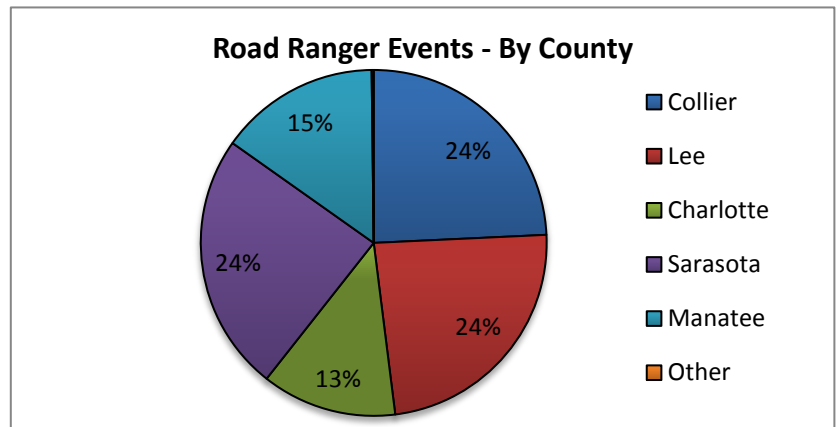
Sunday Road Rangers			
*RR103	MM 49-105	RR111	MM 167-193
RR103	MM 49-80	RR113	MM 210-230
RR104	MM 80-105	RR112	MM 224-230
RR105	(Spare Truck)		I-275 MM 0-13
RR106	MM 105-123	#RR113	I-275 MM 0-13
RR109	MM 143-170		

*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	9486
Events with Road Ranger Response	5871
Total RR On-Scene Activities	9203
Average Activities/Assisted Event	1.57
% of Events Assisted	61.89%



19. Road Ranger Events By County:	
District 1 Counties	Road Ranger Events
Collier	1645
Lee	1611
Charlotte	856
Sarasota	1639
Manatee	1018
Other	13
Totals	6782

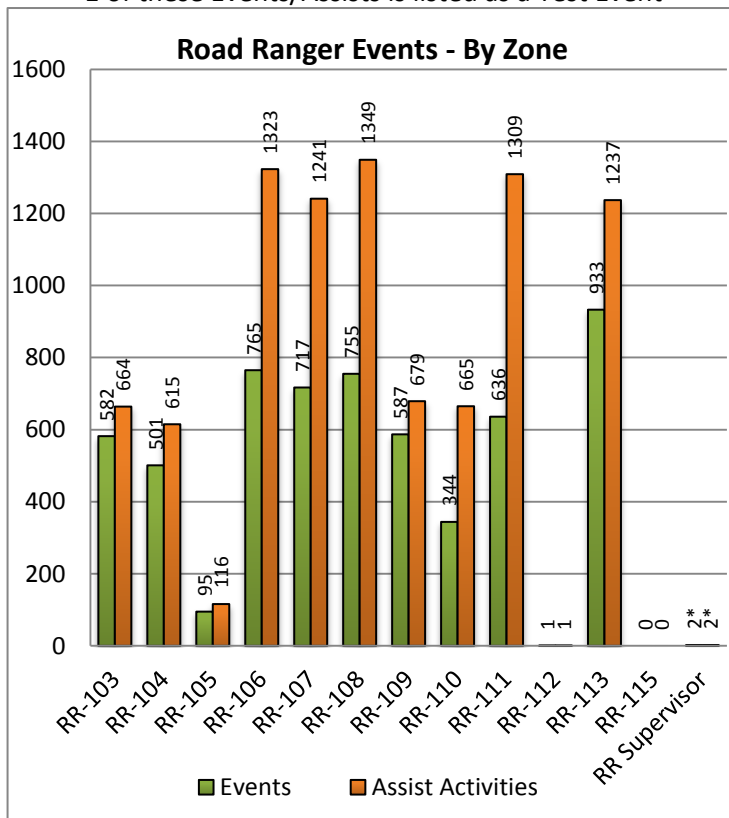




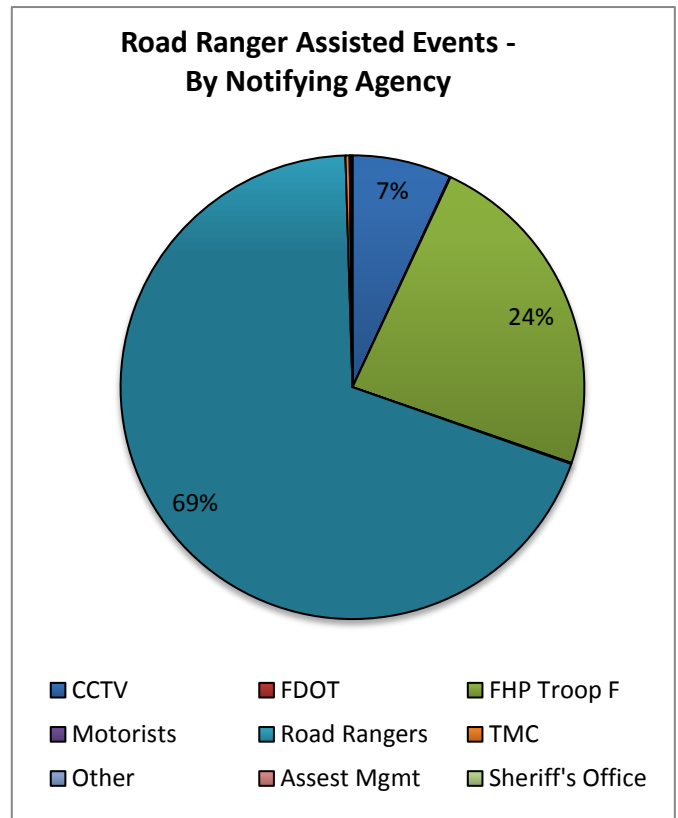
20. Road Ranger Events - By Zone:		
Road Ranger Zones	Road Ranger Events	Assist Activities
RR-103	582	664
RR-104	501	615
RR-105	95	116
RR-106	765	1323
RR-107	717	1241
RR-108	755	1349
RR-109	587	679
RR-110	344	665
RR-111	636	1309
RR-112	1	1
RR-113	933	1237
RR-115	0	0
RR Supervisor	2*	2*
Totals	5918	9201

21. Road Ranger Assisted Events - By Notifying Agency:		
Notifying Agency	Number of Events	% of Events
CCTV	468	6.9%
FDOT	4	0.1%
FHP Troop F	1583	23.3%
Motorists	5	0.1%
Road Rangers	4689	69.1%
TMC	20	0.3%
Other	0	0.0%
Assesst Mgmt	5	0.1%
Sheriff's Office	8	0.1%
Totals	6782	100.0%

*1 of these Events/Assists is listed as a Test Event



*1 of these Events/Assists is listed as a Test Event

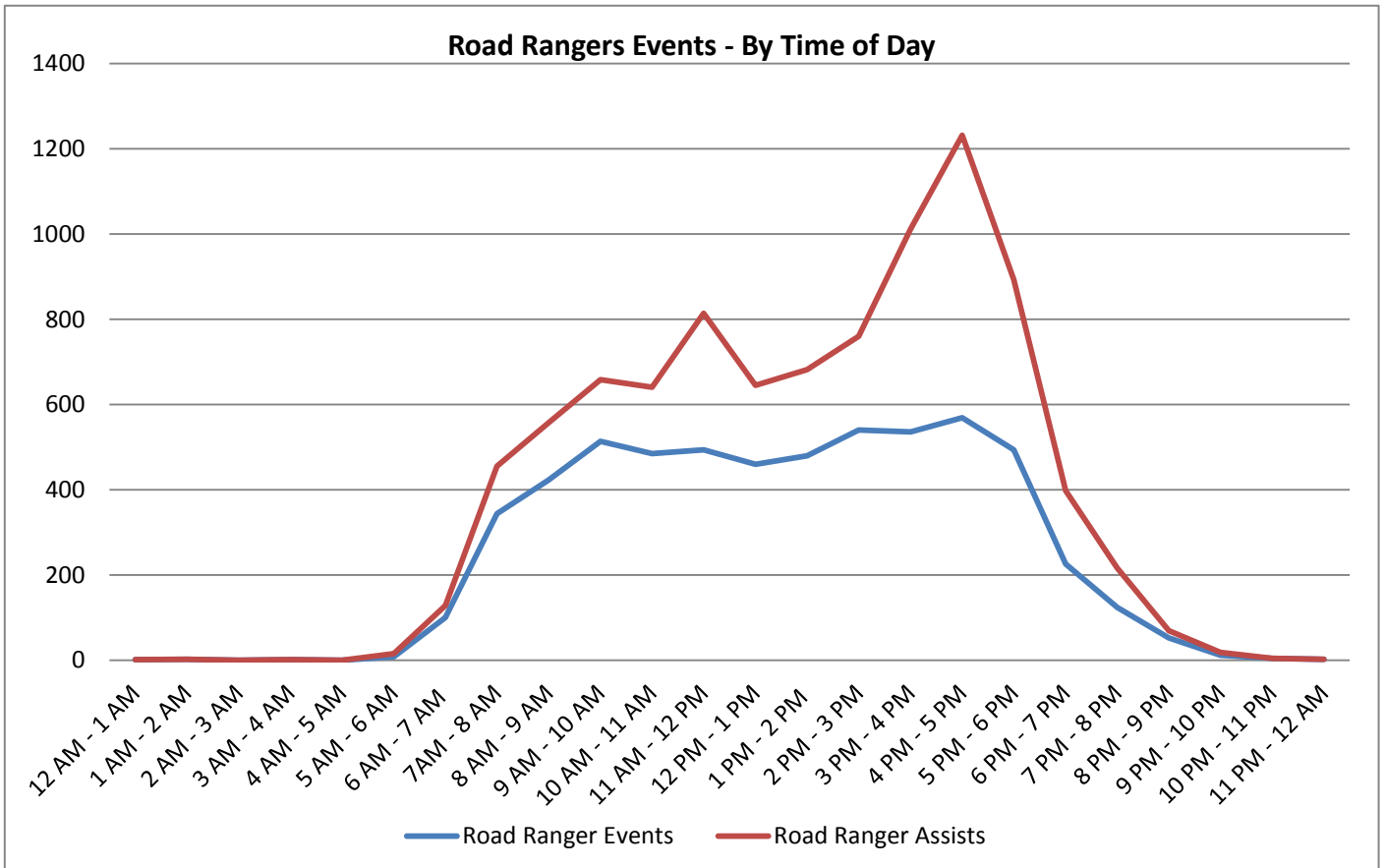




**22. Road Ranger Assisted Events -
By Time of Day:**

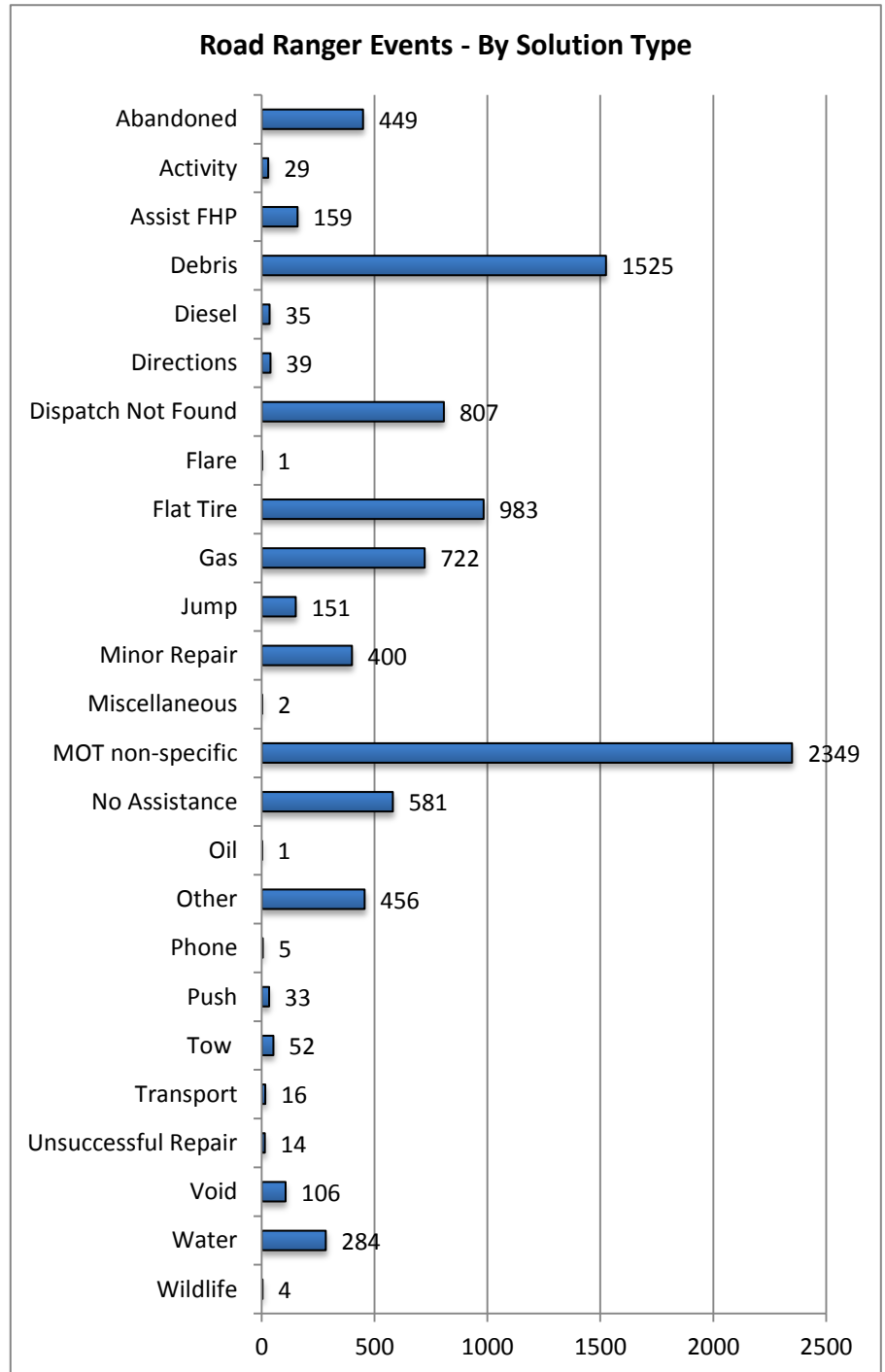
Time of Day	RR Events	RR Assists
12 AM - 1 AM	1	1
1 AM - 2 AM	2	2
2 AM - 3 AM	0	0
3 AM - 4 AM	1	1
4 AM - 5 AM	0	0
5 AM - 6 AM	8	15
6 AM - 7 AM	100	128
7 AM - 8 AM	344	455
8 AM - 9 AM	423	557
9 AM - 10 AM	514	658
10 AM - 11 AM	485	641
11 AM - 12 PM	494	814

Time of Day	RR Events	RR Assists
12 PM - 1 PM	460	645
1 PM - 2 PM	480	682
2 PM - 3 PM	540	760
3 PM - 4 PM	536	1012
4 PM - 5 PM	569	1232
5 PM - 6 PM	494	893
6 PM - 7 PM	226	398
7 PM - 8 PM	124	216
8 PM - 9 PM	52	69
9 PM - 10 PM	12	18
10 PM - 11 PM	4	4
11 PM - 12 AM	2	2
Totals	5871	9203





23. Road Ranger Events - By Solution Type:	
Problem Type	# of Assists
Abandoned	449
Absorbant	0
Activity	29
Assist FHP	159
Bleach	0
Cold Patch Asphalt	0
Debris	1525
Deploy Cones	0
Diesel	35
Directions	39
Dispatch Not Found	807
Flare	1
Flat Tire	983
Flood Lamp	0
Gas	722
Jump	151
Livestock	0
Lockout	0
Minor Repair	400
Miscellaneous	2
MOT non-specific	2349
No Assistance	581
Oil	1
Other	456
Phone	5
Portland Cement	0
Push	33
Radio	0
Tow	52
Translate	0
Transmission Fluid	0
Transport	16
Turbo Flare	0
Unsuccessful Repair	14
Void	106
Water	284
Wildlife	4
Total Assist Activities	9203



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