





This is the FDOT District 1 Swift SunGuide Center Monthly Operations Report, for April 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.

Swift SunGuide Center April, 2014







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.

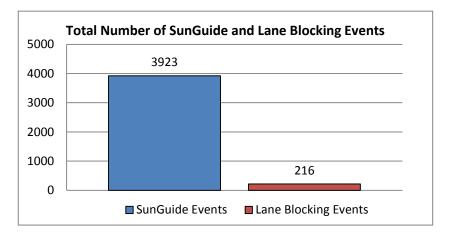




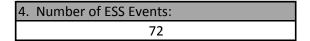


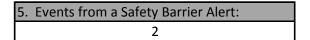
1. Total Number of SunGuide	e Events:
3923	

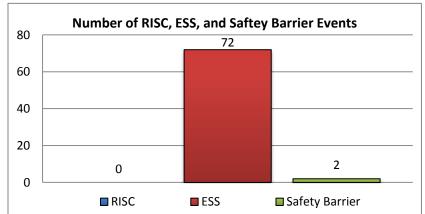
2.	Number of Lane Blocking Events:
	216



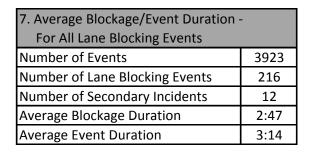
3.	Number of RISC Events:
	0

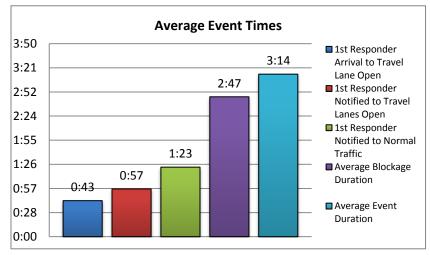






6. Average Open Roads Policy &								
Normal Traffic Times for I-75 Incidents								
Average Incident Duration From First	0:43							
Responder Arrival to Travel Lane Open	0.45							
Average Incident Duration From First	0:57							
Responder Notified to Travel Lane Open	0.57							
Average Incident Duration From First	1:23							
Responder Notified to Normal Traffic	1.23							





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.



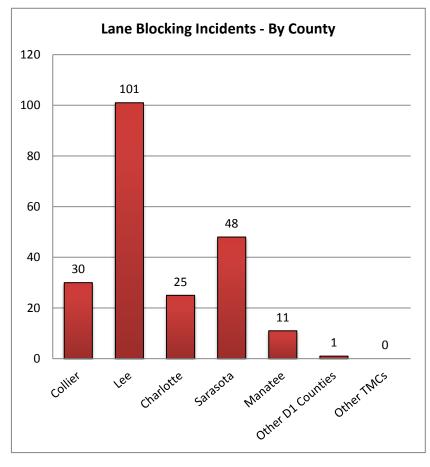


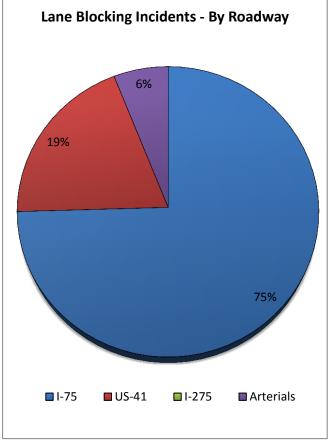


8. Lane Blocking In	icidents - By Co	ounty and Roa	dway:			
	Collier	Lee Charlot		Sarasota	Manatee	Other Dist 1
Roadways	County	County	County	County	County	Counties
I-75	23	79	19	37	3	-
US-41	6	13	5	10	8	-
I-275	-	-	-	-	0	-
Arterials	1	9	1	1	0	1
Total Incidents	30	101	25	48	11	1

	District 7*	District 6*	District 4*	FL Turnpike*	Total Incidents
Roadways	TMC	TMC	TMC	TMC	By Roadway
I-75	0	0	0	-	161
US-41	0	0	-	-	42
I-275	0	-	-	-	0
Arterials	0	0	0	0	13
Total Incidents	0	0	0	0	216

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









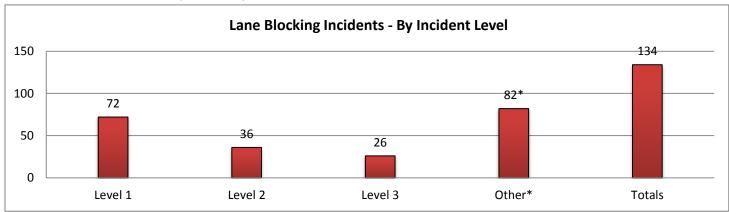


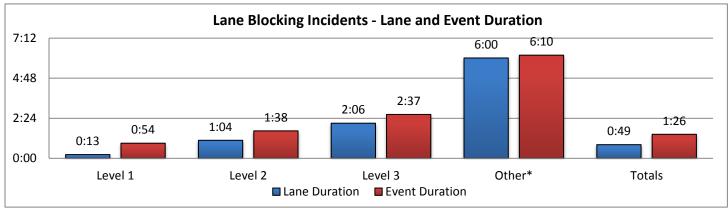
9. LANE I	BLOCKING INCIDENTS - By Incident Level:

	Collier County		L	Lee County			Charlotte County			Sarasota County		
		Lane	Event		Lane	Event		Lane	Event		Lane	Event
	Events	Duration	Duration	Events	Duration	Duration	Events	Duration	Duration	Evevnts	Duration	Duration
Level 1	13	0:13	0:49	24	0:11	0:47	12	0:13	0:47	18	0:18	1:10
Level 2	8	1:04	1:21	11	1:06	1:54	9	0:59	1:31	6	1:05	1:31
Level 3	5	1:18	2:00	7	3:48	4:08	4	1:41	2:22	6	1:20	1:52
Other*	4*	1:22	1:47	59*	6:24	6:35	0*	0:00	0:00	18*	5:45	5:49
Totals	26	0:41	1:12	42	1:01	1:38	25	0:43	1:18	30	0:39	1:22

	Manatee County		Other Dist 1 Counties			Other Distrcit TMCs			Total			
		Lane	Event		Lane	Event		Lane	Event		Lane	Event
	Events	Duration	Duration	Events	Duration	Duration	Events	Duration	Duration	Evevnts	Duration	Duration
Level 1	5	0:09	1:04	0	0:00	0:00	0	0:00	0:00	72	0:13	0:54
Level 2	2	1:25	2:23	0	0:00	0:00	0	0:00	0:00	36	1:04	1:38
Level 3	3	2:06	2:39	1	0:32	0:47	0	0:00	0:00	26	2:06	2:37
Other*	1*	6:29	6:34	0*	0:00	0:00	0*	0:00	0:00	82*	6:00	6:10
Totals	10	0:59	1:48	1	0:32	0:47	0	0:00	0:00	134	0:49	1:26

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





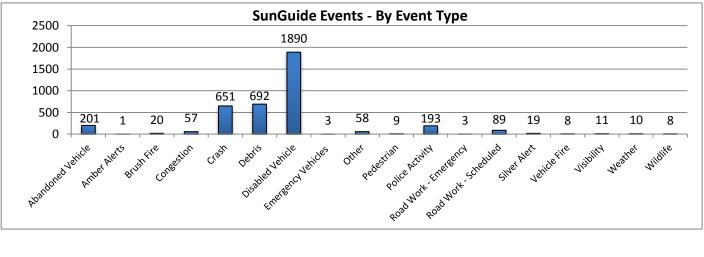






10. SunGuide Events - by Event Type:									
	Collier	Lee	Charlotte	Sarasota	Manatee	Other D-1	Other Dist.	Total #	
Incidents	County	County	County	County	County	Counties	TMCs	of Events	
Abandoned Vehicle	52	53	23	46	26	0	1	201	
Amber Alerts	0	1	0	0	0	0	0	1	
Bridge Work	0	0	0	0	0	0	0	0	
Brush Fire	10	4	2	2	1	1	0	20	
Congestion	6	27	2	14	8	0	0	57	
Crash	85	177	34	184	167	4	0	651	
Debris	127	134	134	187	109	0	1	692	
Disabled Vehicle	675	466	247	294	205	1	2	1890	
Emergency Vehicles	0	3	0	0	0	0	0	3	
Evacuation	0	0	0	0	0	0	0	0	
Flooding	0	0	0	0	0	0	0	0	
Interagency Coord.	0	0	0	0	0	0	0	0	
LEO Alerts	0	0	0	0	0	0	0	0	
Other	4	12	7	22	13	0	0	58	
Pedestrian	3	1	2	0	3	0	0	9	
Police Activity	89	82	20	2	0	0	0	193	
PSA	0	0	0	0	0	0	0	0	
Road Work - Emergency	2	1	0	0	0	0	0	3	
Road Work - Scheduled	8	57	1	21	2	0	0	89	
Silver Alert	0	19	0	0	0	0	0	19	
Special Events	0	0	0	0	0	0	0	0	
Vehicle Fire	0	1	3	4	0	0	0	8	
Visibility	7	3	1	0	0	0	0	11	
Weather	5	4	1	0	0	0	0	10	
Wildlife	5	0	1	2	0	0	0	8	
Total Incidents	1078	1045	478	778	534	6	4	3923	

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

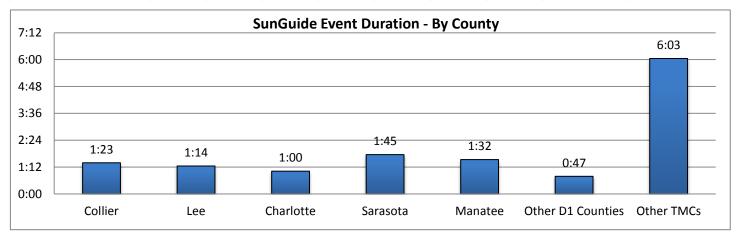








11. SunGuide Event Du								
	Collier	Lee	Charlotte	Sarasota	Manatee	Other D-1	Other Dist.	All
Incidents	County	County	County	County	County	Counties	TMCs	Counties
Abandoned Vehicle	10:10	2:04	8:25	10:03	9:08	0:00	17:21	7:42
Amber Alerts	0:00	2:04	0:00	0:00	0:00	0:00	0:00	2:04
Bridge Work	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
Brush Fire	7:54	0:18	0:18	0:14	0:06	0:07	0:00	4:04
Congestion	0:26	0:37	1:05	1:24	1:20	0:00	0:00	0:54
Crash	1:05	1:00	1:27	1:11	1:08	0:57	0:00	1:07
Debris	0:17	0:18	0:10	0:21	0:20	0:00	0:10	0:17
Disabled Vehicle	0:58	0:53	0:48	1:32	1:37	0:47	3:20	1:05
Emergency Vehicles	0:00	0:27	0:00	0:00	0:00	0:00	0:00	0:27
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	0:00	0:00	0:00	0:00
LEO Alerts	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
Other	0:24	0:33	0:11	0:36	0:21	0:00	0:00	0:28
Pedestrian	0:13	0:14	0:47	0:00	0:08	0:00	0:00	0:19
Police Activity	0:19	0:25	0:19	0:18	0:00	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	0:28	17:14	0:00	0:00	0:00	0:00	0:00	6:03
Road Work - Scheduled	2:02	6:50	0:02	6:16	4:31	0:00	0:00	6:08
Silver Alert	0:00	4:15	0:00	0:00	0:00	0:00	0:00	4:15
Special Events	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
Vehicle Fire	0:00	0:36	0:51	1:09	0:00	0:00	0:00	0:58
Visibility	6:03	2:03	1:28	0:00	0:00	0:00	0:00	4:32
Weather	2:55	2:07	6:26	0:00	0:00	0:00	0:00	2:56
Wildlife	0:50	0:00	0:18	0:02	0:00	0:00	0:00	0:34
Total Incidents	1:23	1:14	1:00	1:45	1:32	0:47	6:03	1:24







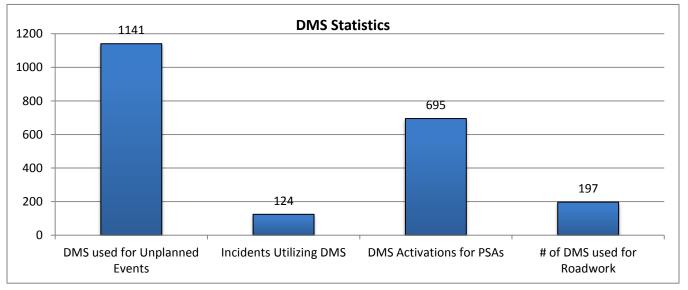


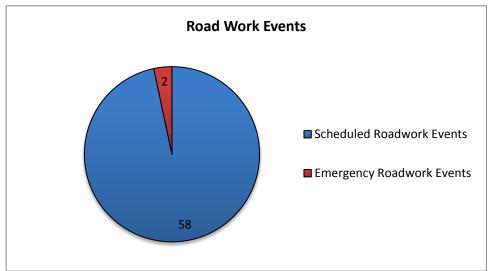
12. Event DIVIS Statistics:			
Number of DMS Used for	Number of Incidents	Average Number of DMS	Average DMS Message
Unplanned Events*:	Utilizing DMS	per Incident	Duration
1141	124	9	3:30

13. PSA - DMS Activations:
Number of Public Service Announcement
DMS Activations
695

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

14. Road Work - D	MS Statis	stics:	
Scheduled	Emer	gency	Total # Road Work
Road Work	Road	Work	Patterns
58		2	60
# DMS Used for Road	d Work	Average	# of DMS/Pattern
197			3











15. Event Location	n - Summi	ary By Exit Reference:	
I-75 Northbo	und	I-75 Southbo	und
Mile <49	0	Mile <49	0
Mile 49-79.9	177	Mile 49-79.9	194
Mile 80-100.9	171	Mile 80-100.9	127
Mile 101-104.9	37	Mile 101-104.9	31
Mile 105-106.9	36	Mile 105-106.9	45
Mile 107-110.9	60	Mile 107-110.9	52
Mile 111-115.9	71	Mile 111-115.9	31
Mile 116-122.9	111	Mile 116-122.9	108
Mile 123-127.9	70	Mile 123-127.9	43
Mile 128-130.9	44	Mile 128-130.9	46
Mile 131-135.9	84	Mile 131-135.9	77
Mile 136 -137.9	21	Mile 136 -137.9	17
Mile 138 -138.9	24	Mile 138 -138.9	21
Mile 139 - 140.9	16	Mile 139 - 140.9	36
Mile 141 - 142.9	43	Mile 141 - 142.9	17
Mile 143 - 157.9	138	Mile 143 - 157.9	133
Mile 158 - 160.9	30	Mile 158 - 160.9	27
Mile 161 - 163.9	25	Mile 161 - 163.9	31
Mile 164 - 166.9	35	Mile 164 - 166.9	45
Mile 167 -169.9	42	Mile 167 -169.9	32
Mile 170 - 178.9	56	Mile 170 - 178.9	67
Mile 179 - 181.9	15	Mile 179 - 181.9	11
Mile 182 - 190.9	67	Mile 182 - 190.9	60
Mile 191 - 192.9	20	Mile 191 - 192.9	23
Mile 193 - 194.9	30	Mile 193 - 194.9	9
Mile 195 -199.9	40	Mile 195 -199.9	28
Mile 200 - 204.9	38	Mile 200 - 204.9	50
Mile 205 - 206.9	17	Mile 205 - 206.9	22
Mile 207 - 209.9	40	Mile 207 - 209.9	23
Mile 210 -212.9	54	Mile 210 -212.9	52
Mile 213 - 216.9	52	Mile 213 - 216.9	64
Mile 217 - 219.9	53	Mile 217 - 219.9	57
Mile 220 - 223.9	32	Mile 220 - 223.9	45
Mile 224 -227.9	33	Mile 224 -227.9	34
Mile 228 - 228.9	11	Mile 228 - 228.9	14
Mile 229 -229.9	2	Mile 229 -229.9	1
Mile 230 - 239.9	2	Mile 230 - 239.9	2
> Mile 240	0	> Mile 240	0
North Total	1797	South Total	1675
		· — —	·

US-41 North	nbound
Collier	34
Lee	96
Charlotte	8
Sarasota	71
Manatee	87
North Total	296

US-41 South	nbound
Collier	8
Lee	19
Charlotte	3
Sarasota	19
Manatee	11
South Total	60

Total Events on US-41
356

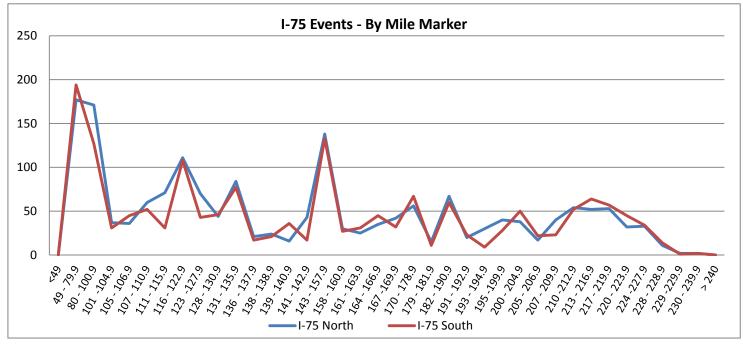
Total	Events	on I-75
	3472	

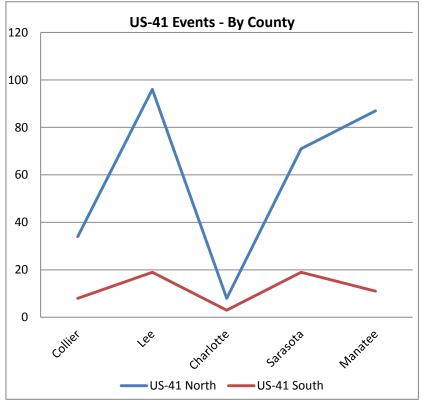
Note: The charts for these tables appear on the following page.

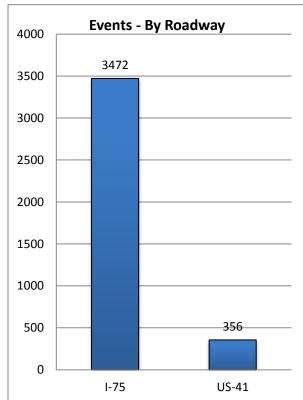










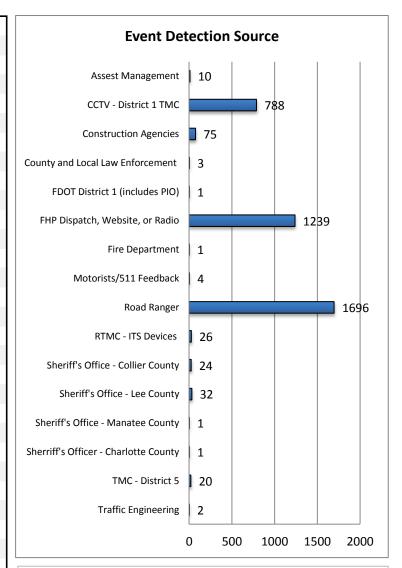








16. Event Detection Source:		
Assest Management (includes Dbi & ICA)	10	0.3%
CCTV - District 1 TMC	788	20.1%
CCTV - Other	0	0.0%
Construction Agencies	75	1.9%
County and Local Law Enforcement	3	0.1%
Emergency Operations Center	0	0.0%
Emergency Operations Center-Lee	0	0.0%
FDOT District 1 ITS Managers	0	0.0%
FDOT District 1 (includes PIO)	1	0.0%
FDOT Maintenance	0	0.0%
FHP Dispatch, Website, or Radio	1239	31.6%
FHP Incident Alerts	0	0.0%
Fire Department	1	0.0%
HazMat/DEP	0	0.0%
МССО	0	0.0%
Media	0	0.0%
Motorists/511 Feedback	4	0.1%
Other	0	0.0%
Other Airport	0	0.0%
Other Field Personnel	0	0.0%
Road Ranger	1696	43.2%
RTMC - ITS Devices (TSS & Safety Barrier)	26	0.7%
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	24	0.6%
Sheriff's Office - Lee County	32	0.8%
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	20	0.5%
TMC - District 7	0	0.0%
TMC - Other Districts	0	0.0%
Tow Truck Companies	0	0.0%
Traffic Engineering	2	0.1%
Total Number of Incidents	3923	100.0%



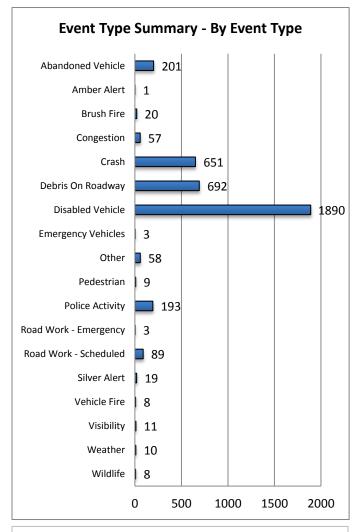
Note: Event Detection Source Categories listed as zero are not included in the above chart.



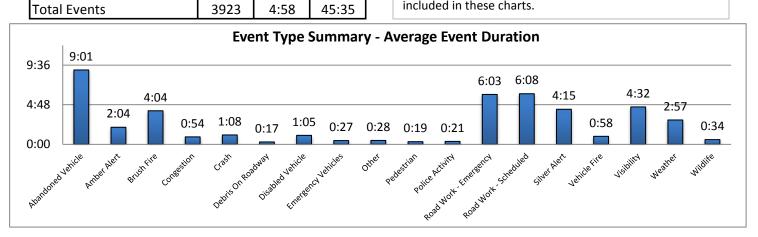




17. Event Type Summary			
Event Types	# of Events	Average On Scene Time	Average Event Duration
Abandoned Vehicle	201	0:53	9:01
Amber Alert	1	0:00	2:04
Bridge Work	0	0:00	0:00
Brush Fire	20	0:46	4:04
Congestion	57	0:00	0:54
Crash	651	0:50	1:08
Debris On Roadway	692	0:12	0:17
Disabled Vehicle	1890	0:23	1:05
Emergency Vehicles	3	0:10	0:27
Evacuation	0	0:00	0:00
Flooding	0	0:00	0:00
Interagency Coord.	0	0:00	0:00
LEO Alert	0	0:00	0:00
Other	58	0:06	0:28
Pedestrian	9	0:10	0:19
Police Activity	193	0:16	0:21
PSA	0	0:00	0:00
Road Work - Emergency	3	0:00	6:03
Road Work - Scheduled	89	0:08	6:08
Silver Alert	19	0:00	4:15
Special Event	0	0:00	0:00
Vehicle Fire	8	0:43	0:58
Visibility	11	0:00	4:32
Weather	10	0:00	2:57
Wildlife	8	0:21	0:34



Note: Event Type Categories listed as zero are not included in these charts.









Road Ranger Information

	Weekday R	oad Ranger:	s
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 prima	arily dispatched fron	n the District 7	RTMC

Collier County Lee 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

	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	

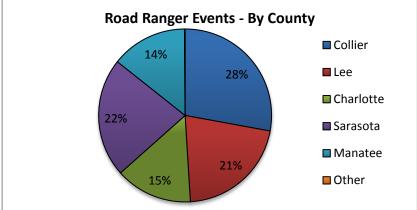
RR 113 covers I-275 until 11 AM when RR112 arrives for District 7

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

18. Road Ranger Assists Summary		
Total SunGuide Events	3923	
Events with Road Ranger Response	2036	
Total RR On-Scene Activites	2460	
Average Activities/Assisted Event	1.21	
% of Events Assisted 51.9		

Road Ranger Assists - Summary		Total SunGuide Events
4000	3923	—— ■ Events with
	2036 2460	Road Ranger Response
2000		■ Total RR On- Scene Activites
0 _		
	Road Ranger Events - Ry Co	untv

19. Road Ranger Events By County:		
District 1 Road Ranger		
Counties Events		
Collier 728		
Lee 552		
Charlotte 376		
Sarasota 581		
Manatee 371		
Other 3		
Totals 2611		



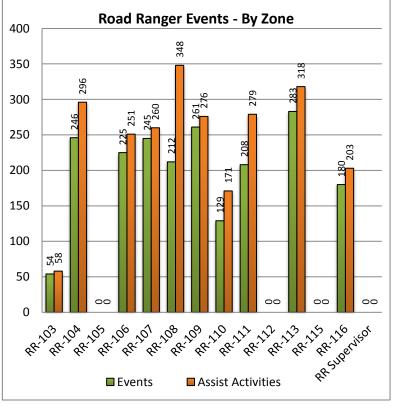


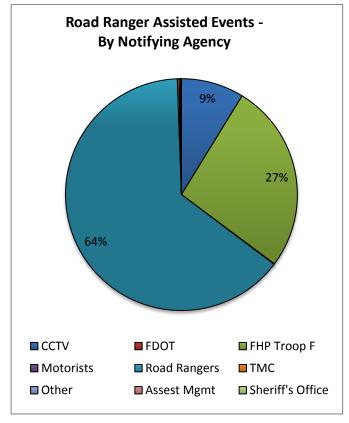




20. Road Ranger Events - By Zone:			
Road Ranger	Road Ranger	Assist	
Zones	Events	Activities	
RR-103	54	58	
RR-104	246	296	
RR-105	0	0	
RR-106	225	251	
RR-107	245	260	
RR-108	212	348	
RR-109	261	276	
RR-110	129	171	
RR-111	208	279	
RR-112	0	0	
RR-113	283	318	
RR-115	0	0	
RR-116	180	203	
RR Supervisor	0	0	
Totals	2043	2460	

21. Road Ranger Assisted Events -			
By Notifying Agency:			
Notifying	Number of	% of	
Agency	Events	Events	
CCTV	229	8.8%	
FDOT	0	0.0%	
FHP Troop F	690	26.4%	
Motorists 2		0.1%	
Road Rangers	1675	64.2%	
TMC	6	0.2%	
Other	1	0.0%	
Assest Mgmt	5	0.2%	
Sheriff's Office 3 0.1%			
Totals 2611 100.0%			







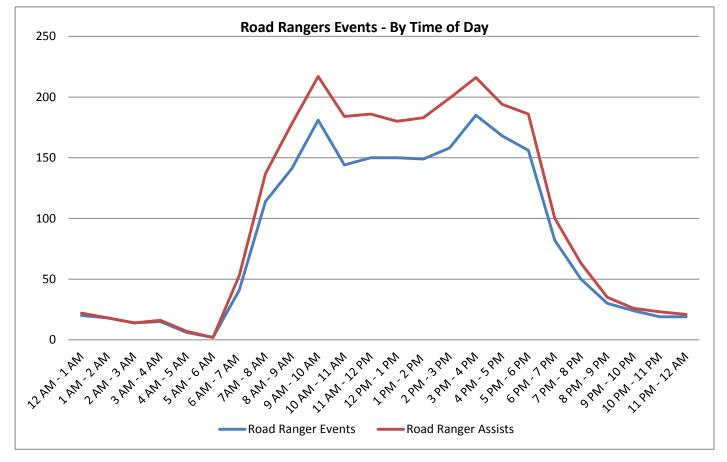




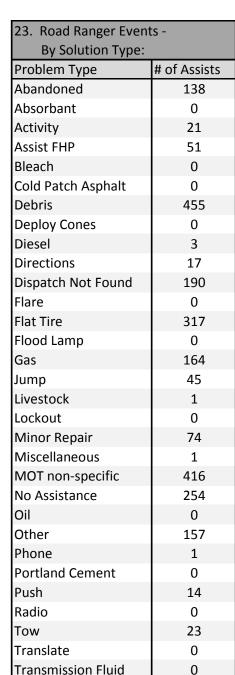
22. Road Ranger Assisted Events -	
By Time of Day:	

By Time of Day:		
Time	RR	RR
of Day	Events	Assists
12 AM - 1 AM	20	22
1 AM - 2 AM	18	18
2 AM - 3 AM	14	14
3 AM - 4 AM	15	16
4 AM - 5 AM	6	7
5 AM - 6 AM	2	2
6 AM - 7 AM	41	53
7AM - 8 AM	114	137
8 AM - 9 AM	141	178
9 AM - 10 AM	181	217
10 AM - 11 AM	144	184
11 AM - 12 PM	150	186
-	•	•

Time	RR	RR
of Day	Events	Assists
12 PM - 1 PM	150	180
1 PM - 2 PM	149	183
2 PM - 3 PM	158	199
3 PM - 4 PM	185	216
4 PM - 5 PM	168	194
5 PM - 6 PM	156	186
6 PM - 7 PM	82	100
7 PM - 8 PM	50	63
8 PM - 9 PM	30	35
9 PM - 10 PM	24	26
10 PM - 11 PM	19	23
11 PM - 12 AM	19	21
Totals	2036	2460







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23

89 0

2460

Transport

Void

Water

Wildlife

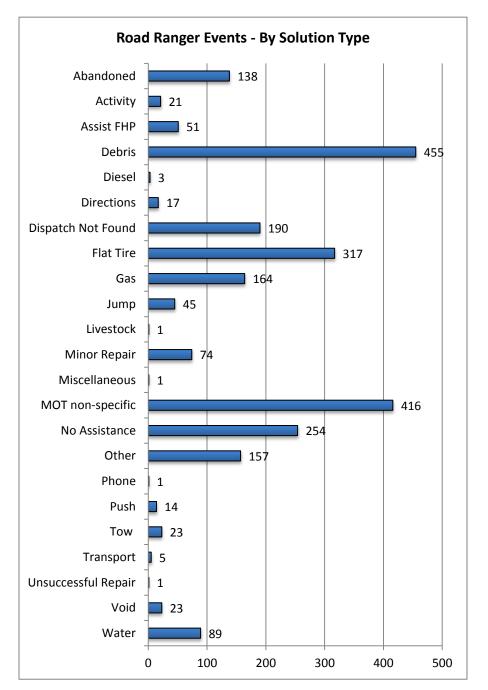
Turbo Flare

Unsuccessful Repair

Total Assist Activities







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