



TRAFFIC MANAGEMENT CENTER PERFORMANCE MEASUREMENTS

March 2018

This report contains statistical and operational data for TMC activities from the period of March 01, 2018 to March 31, 2018.

Executive Summary

TOTAL INCIDENTS		TOTAL SECONDARY INCIDENTS		TOTAL MULTI-VEHICLE INCIDENTS	
The total number of incidents during the period. *		Crashes that occur within the original incident scene or resulting queue.		The total number of multi-vehicle incidents during the period.	
Previous	Current	Previous	Current	Previous	Current
February	March	February	March	February	March
3,006	3,371	5	9	250	203

LANE BLOCKAGE INCIDENTS		AVERAGE CLEARANCE TIME		TOTAL HIGHWAY HELPER RESPONSES	
The total number of incidents which resulted in at least one blocked lane of travel.*		The average time for all lanes to be cleared after a crash.		The total number of incidents Highway Helper responded to during the period.	
Previous	Current	Previous	Current	Previous	Current
February	March	February	March	February	March
324	295	59 min	1 hr 1 m	1,324	1,577

* - excludes roadwork

** - incidents involving multiple vehicles are counted as a single incident in the totals displayed throughout this report

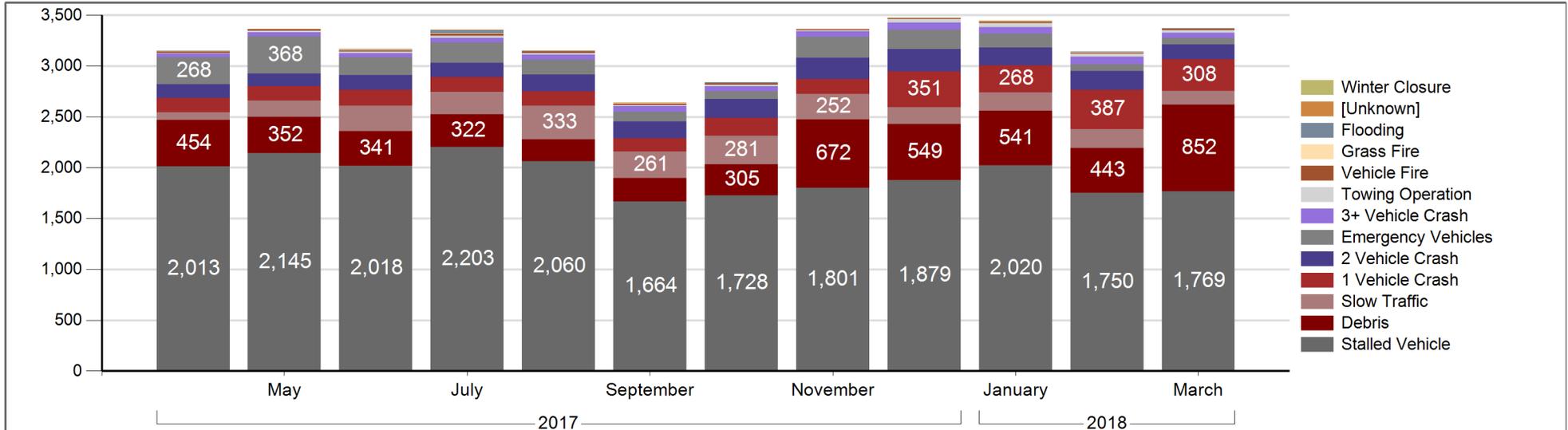
The term 'Avg Impact' is used throughout this report to indicate mainline closure times (excludes shoulder/ramp closure).

INCIDENT TOTALS BY TYPE

The total number of incidents (an event on the roadway which affects or can affect normal traffic flow) during a given period.

Type	Total	%	Avg Impact	District 1*	District 2	District 3	District 4*	District 5	District 6*
Stalled Vehicle	1,769	52%	40 min	893	42	30	239	68	497
Debris	852	25%	11 min	364	8	9	108	10	185
1 Vehicle Crash	308	9%	1 hr 11 m	110	10	21	22	16	129
2 Vehicle Crash	149	4%	51 min	74	6	9	14	5	41
Slow Traffic	134	4%		95	1	8	8	0	22
Emergency Vehicles	62	2%	1 hr 32 m	29	1	8	6	2	15
3+ Vehicle Crash	54	2%	57 min	21	3	6	4	2	18
Towing Operation	25	1%	7 hr 30 m	2	3	3	2	0	15
Vehicle Fire	12	0%	50 min	4	0	0	2	1	5
Grass Fire	5	0%	25 min	4	0	1	0	0	0
Flooding	1	0%		0	1	0	0	0	0
Total	3,371	100%	1 hr 23 m	1,596	75	95	405	104	927

* - Totals include Highway Helper Incidents

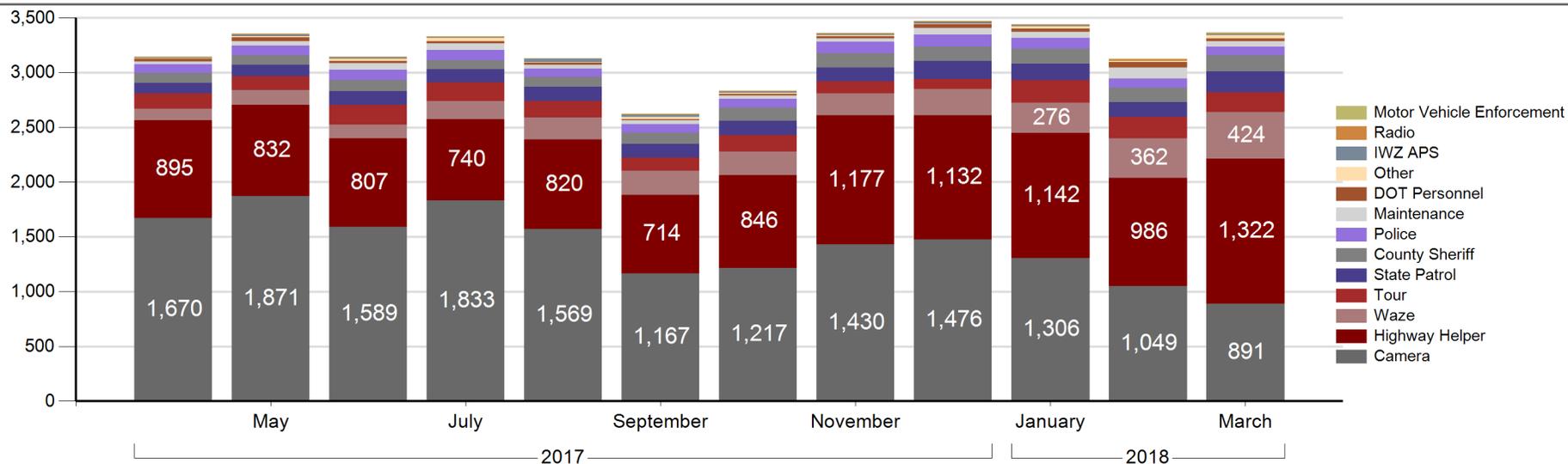


INCIDENT TOTALS BY DETECTION TYPE

The total number of incidents (an event on the roadway which affects or can affect normal traffic flow) during a given period.

Type	Total	%	District 1*	District 2	District 3	District 4*	District 5	District 6*
Highway Helper	1,322	39%	558	0	0	239	0	356
Camera	891	26%	493	33	18	78	41	228
Waze	424	13%	254	17	3	20	20	110
State Patrol	189	6%	86	4	15	15	18	51
Tour	184	5%	91	1	14	26	11	41
County Sheriff	147	4%	31	10	22	13	13	58
Police	79	2%	36	2	11	5	0	25
Maintenance	51	2%	7	3	6	3	0	32
Other	32	1%	16	5	0	3	0	8
DOT Personnel	23	1%	9	0	1	0	0	13
Motor Vehicle Enforcement	9	0%	7	0	1	0	0	1
Radio	9	0%	6	0	0	2	1	0
Total	3,360	100%	1,594	75	91	404	104	923

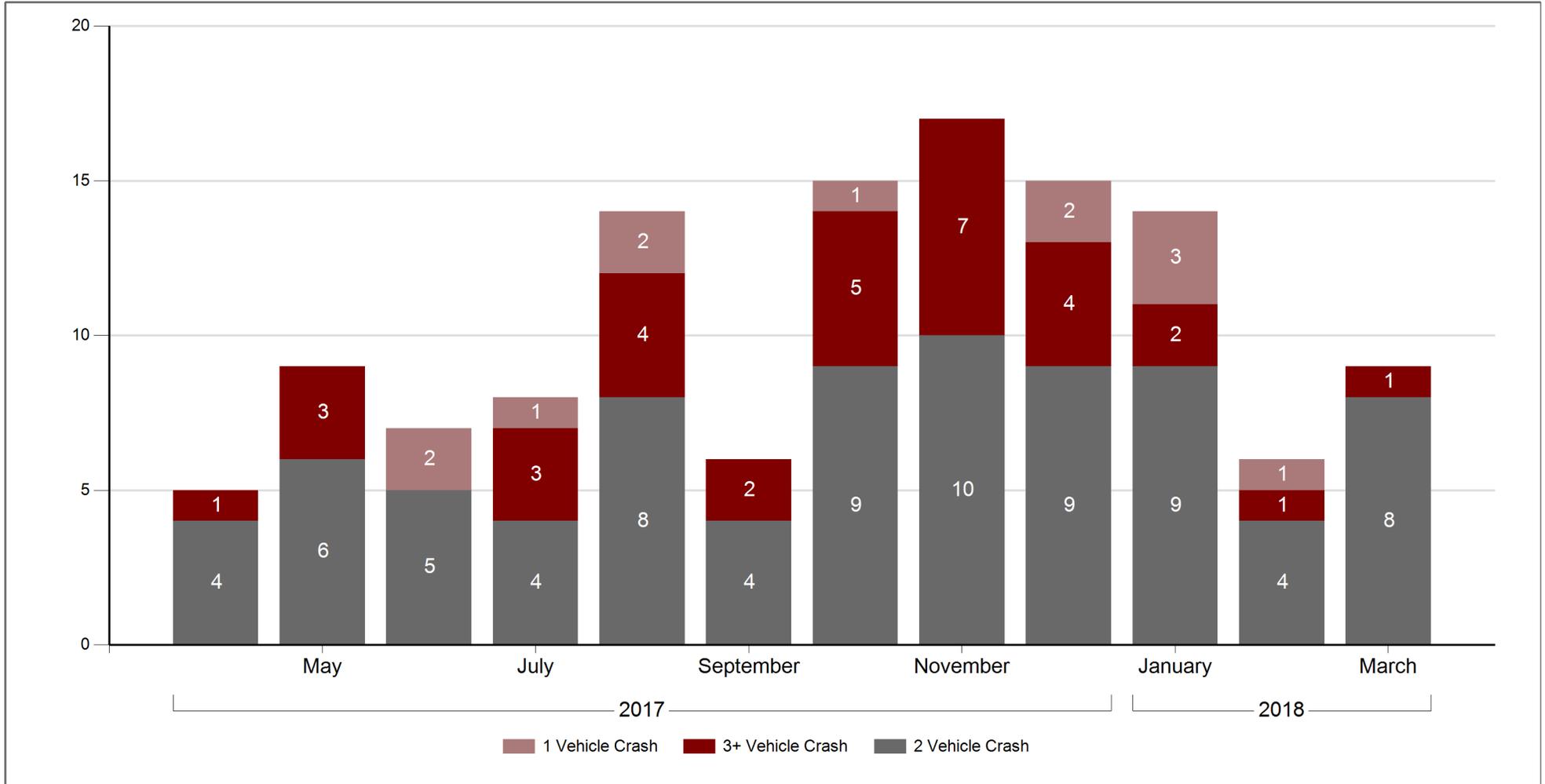
* - Totals include Highway Helper Incidents



SECONDARY INCIDENTS BY TYPE

Crashes that occur within the original incident scene or resulting queue.

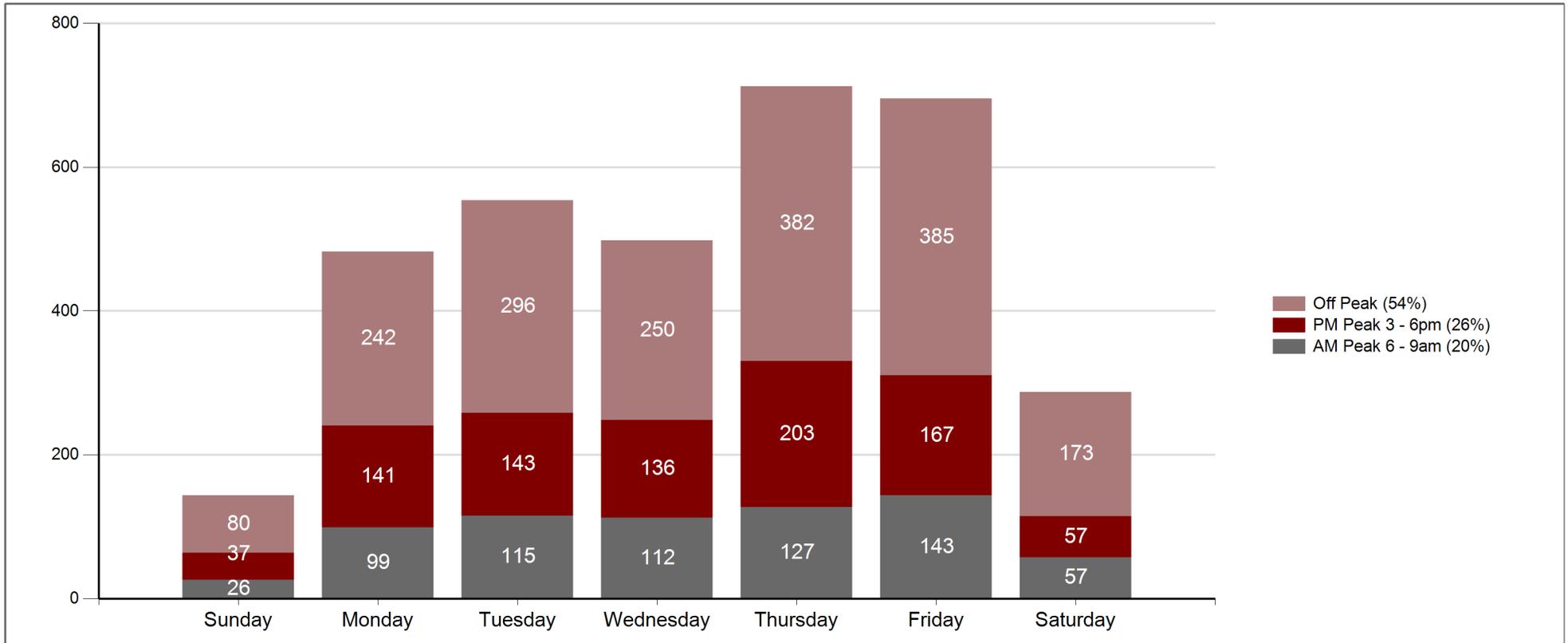
Type	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
2 Vehicle Crash	8	89%	1 hr 19 m	3	0	0	0	0	5
3+ Vehicle Crash	1	11%	53 min	0	0	0	0	0	1
Total	9	100%	1 hr 10 m	3	0	0	0	0	6



INCIDENTS BY DAY OF WEEK

The total number of incidents (an event on the roadway which affects or can affect normal traffic flow) during a given period.

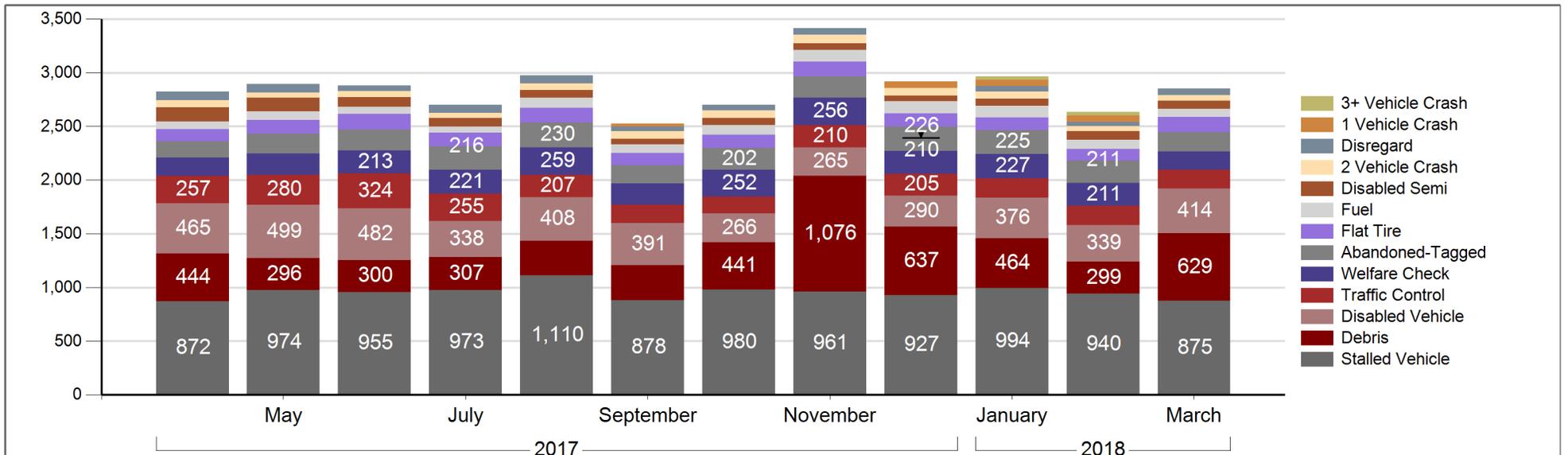
Weekday	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
Thursday	712	21%	1 hr 1 m	330	14	22	69	32	189
Friday	695	21%	1 hr 28 m	337	18	12	106	18	173
Tuesday	554	16%	1 hr 11 m	275	7	14	77	14	153
Wednesday	498	15%	2 hr 46 m	250	11	13	65	13	100
Monday	482	14%	47 min	230	11	13	53	10	143
Saturday	287	9%	1 hr 4 m	122	10	10	19	11	115
Sunday	143	4%	2 hr 18 m	52	4	11	16	6	54
Total	3,371	100%	1 hr 23 m	1,596	75	95	405	104	927



HIGHWAY HELPER RESPONSES

The total number of incidents Highway Helper responded to during the period.

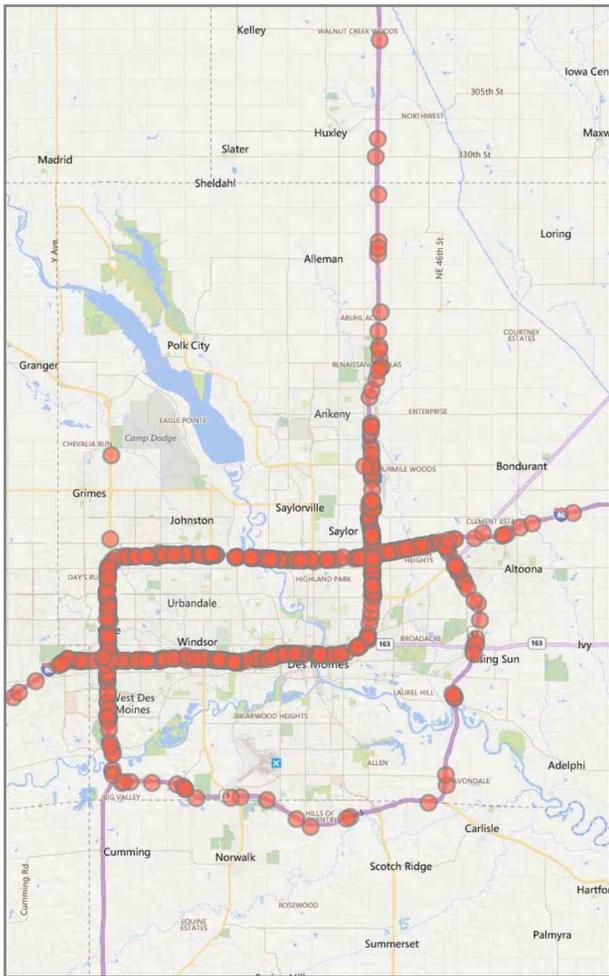
Type	Total	%	Avg Impact		Des Moines	Council Bluffs	Cedar Rapids / Iowa City
Stalled Vehicle	875	29%	50 min		429	162	284
Debris	593	20%	9 min		336	101	156
Disabled Vehicle	414	14%	36 min		205	73	136
Abandoned-Tagged	183	6%	1 hr 16 m		103	24	56
Traffic Control	179	6%	42 min		107	25	47
Welfare Check	167	6%			67	37	63
Flat Tire	141	5%	28 min		63	34	44
Disabled Semi	76	3%	4 hr 5 m		30	20	26
Fuel	74	2%	1 hr 20 m		34	16	24
Disregard	59	2%	5 min		45	7	7
2 Vehicle Crash	53	2%	32 min		37	4	12
Debris	36	1%	10 min		23	3	10
Total	2,850	100%	38 min		1,479	506	865



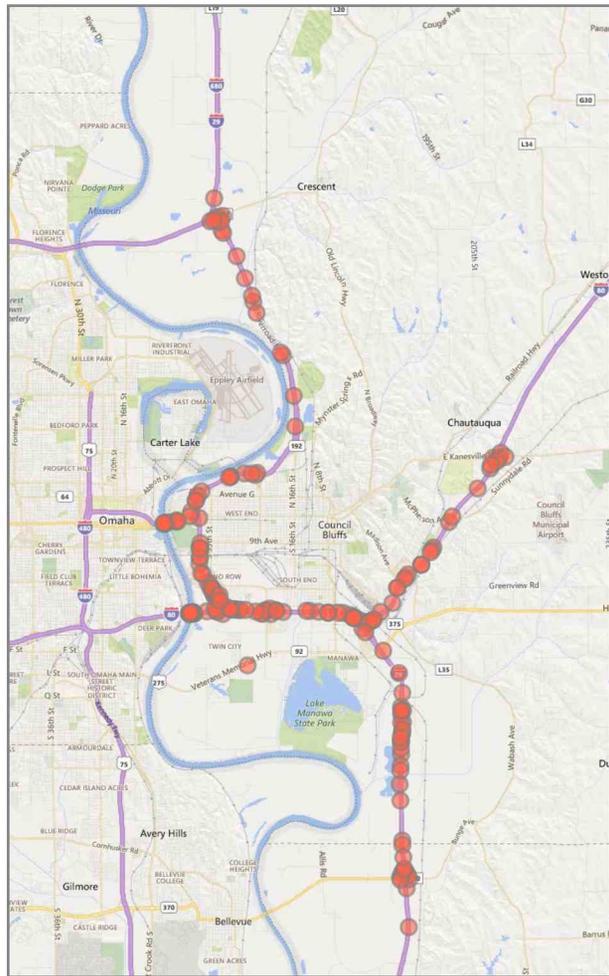
HIGHWAY HELPER ASSIST BY LOCATION

Highway Helper detected incidents and response locations.

DES MOINES



COUNCIL BLUFFS



CEDAR RAPIDS / IOWA CITY

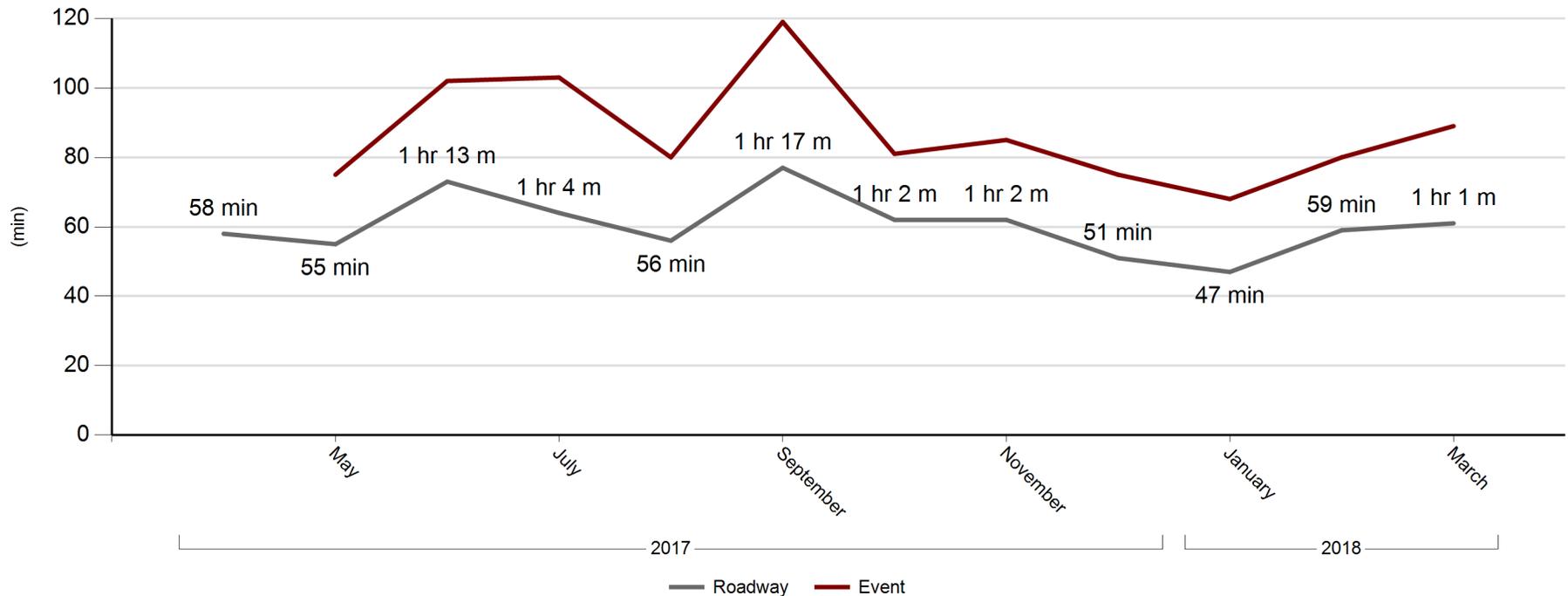


INCIDENT CLEARANCE TIMES (CRASHES ONLY)

Event : All Responders Departed / Roadway : All Lanes Re-Opened

	Type	Total	District 1	District 2	District 3	District 4	District 5	District 6
Event	All	1 hr 14 m	1 hr 6 m	49 min	1 hr 51 m	1 hr 50 m	1 hr 24 m	1 hr 5 m
	Interstate	1 hr 10 m	48 min	59 min	3 hr 44 m	1 hr 46 m	1 hr 26 m	1 hr 3 m
	State	1 hr 11 m	1 hr 10 m		1 hr 28 m	1 hr 45 m	12 min	42 min
	Federal	1 hr 24 m	2 hr 1 m	46 min	1 hr 3 m	2 hr 33 m	1 hr 47 m	1 hr 12 m
Roadway	All	1 hr 1 m	48 min	50 min	1 hr 41 m	1 hr 38 m	1 hr 20 m	53 min
	Interstate	55 min	33 min	1 hr 1 m	3 hr 32 m	1 hr 29 m	30 min	52 min
	State	1 hr	52 min		1 hr 16 m	1 hr 46 m	13 min	48 min
	Federal	1 hr 14 m	1 hr 37 m	48 min	59 min	2 hr 49 m	2 hr 2 m	59 min

All Roads (Interstate / Federal / State)

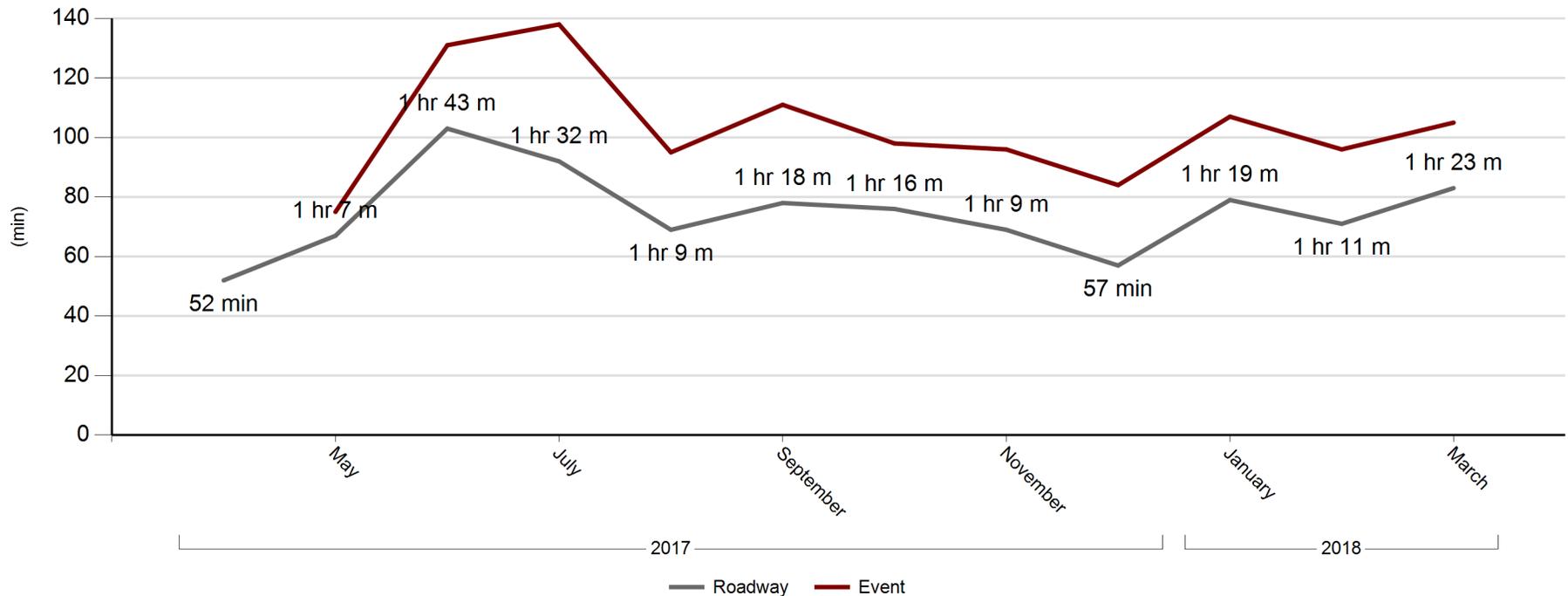


INCIDENT CLEARANCE TIMES (ALL TYPES)

Event : All Responders Departed / Roadway : All Lanes Re-Opened

	Type	Total	District 1	District 2	District 3	District 4	District 5	District 6
Event	All	1 hr 30 m	1 hr 1 m	47 min	1 hr 51 m	1 hr 22 m	1 hr 25 m	2 hr 1 m
	Interstate	1 hr 20 m	50 min	48 min	3 hr 44 m	1 hr 23 m	1 hr 26 m	1 hr 42 m
	State	1 hr 3 m	59 min		1 hr 28 m	1 hr 21 m	12 min	42 min
	Federal	1 hr 55 m	1 hr 30 m	46 min	1 hr 19 m	1 hr 18 m	1 hr 38 m	2 hr 36 m
Roadway	All	1 hr 23 m	51 min	1 hr 27 m	1 hr 16 m	1 hr 10 m	1 hr 16 m	2 hr 3 m
	Interstate	1 hr 13 m	39 min	2 hr 24 m	2 hr 23 m	1 hr 3 m	26 min	1 hr 44 m
	State	58 min	58 min	18 min	1 hr	1 hr 21 m	13 min	52 min
	Federal	1 hr 48 m	1 hr 22 m	48 min	1 hr	1 hr 30 m	1 hr 47 m	2 hr 43 m

All Roads (Interstate / Federal / State)



INCIDENTS (CLEARANCE TIME DEVIATION)

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
1 Vehicle Crash (Avg Impact : 1 hr 11 m)								
	03/04 03:50 PM	40163	US-30			1	5 hr 5 m	Initial report of a single vehicle crash on US-30 EB at MM 139 (near Luther).
	03/05 08:40 AM	40206	US-151		1	1	3 hr 2 m	Initial report of a single vehicle crash on US-151 NB at MM 59 (near Langworthy).
	03/11 11:20 AM	40993	US-151				2 hr 46 m	Initial report of a single vehicle crash on US-151 SB at MM 18 (near Walford).
	03/13 02:28 PM	41228	US-69		1		4 hr 2 m	Initial report of a single vehicle crash on US-69 SB at MM 90 (near Saylorville).
	03/16 12:40 PM	41586	I-80		1	1	3 hr 43 m	Initial report of a single vehicle crash on I-80 EB at MM 27 (near Minden).
	03/20 03:32 AM	41912	I-280	1			3 hr 35 m	Initial report of a single vehicle crash on I-280 WB at MM 9 in Davenport.
	03/21 09:46 PM	42206	US-34			1	2 hr 44 m	Initial report of a single vehicle crash on US-34 EB at MM 202 (near Batavia).
	03/28 06:04 AM	42927	I-29		1	1	10 hr 10 m	Initial report of a single vehicle crash on I-29 NB at MM 117 (near Whiting).
2 Vehicle Crash (Avg Impact : 51 min)								
	03/01 08:23 AM	39819	US-151		1	1	2 hr 31 m	Initial report of a 2 vehicle crash on US-151 NB at MM 24 (near Fairfax).
	03/04 05:06 PM	40164	I-29				2 hr 35 m	Initial report of a 2 vehicle crash on I-29 NB at MM 8 (near Hamburg).
	03/08 12:58 PM	40706	US-34		1	1	2 hr 49 m	Initial report of a 2 vehicle crash on US-34 at MM 61 (near Corning).
	03/10 12:59 AM		IA-210	1			2 hr 46 m	Initial report of a 1 vehicle crash on IA-210 EB at MM 2 in Woodward.
	03/15 01:18 PM	41457	I-29		1	1	2 hr 13 m	Initial report of a 2 vehicle crash on I-29 SB at MM 92 (near Mondamin).
	03/20 06:40 AM	41923	US-69	1			3 hr 24 m	Initial report of a 2 vehicle crash on US-69 NB at MM 124 (near Gilbert).
	03/28 10:09 PM	43070	US-20	1	2		2 hr 32 m	Initial report of a 2 vehicle crash on US-20 WB at MM 91 (near Jolley).
3+ Vehicle Crash (Avg Impact : 57 min)								
	03/06 07:11 AM	40366	IA-25	1	3		3 hr 48 m	Initial report of a 3 vehicle crash on IA-25 at the 65 mile marker (near Casey).
	03/15 08:22 AM	41419	US-34	1		1	3 hr 33 m	Initial report of a 3+ vehicle crash on US-34 at MM 110 (near Murray).
	03/24 10:39 AM	42551	I-80			1	3 hr 1 m	Initial report of a 3+ vehicle crash on I-80 WB at MM 249.
Emergency Vehicles (Avg Impact : 1 hr 32 m)								
	03/09 09:16 PM		US-169				3 hr 35 m	Initial report of an emergency vehicles event on US-169 NB at MM 163 (near Badger).
	03/09 09:15 PM	40939	US-169		1		3 hr 32 m	Initial report of an emergency vehicles event on US-169 NB at MM 163 (near Badger).
	03/15 08:24 AM		US-34				3 hr 33 m	Initial report of an emergency vehicles event on US-34 EB at MM 110 (near Murray).
	03/15 05:27 PM		US-67				3 hr 57 m	Initial report of an emergency vehicles event on US-67 NB at MM 20 (near Le Claire).

INCIDENTS (CLEARANCE TIME DEVIATION)

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
Emergency Vehicles (Avg Impact : 1 hr 32 m)								
	03/15 05:25 PM	41491	US-67				3 hr 57 m	Initial report of an emergency vehicles event on US-67 NB at MM 20 (near Le Claire).
	03/20 06:40 AM		US-69	1			3 hr 24 m	Initial report of an emergency vehicles event on US-69 SB at MM 124 (near Gilbert).
	03/27 12:32 PM	42853	IA-175				4 hr 13 m	Initial report of an emergency vehicles event on IA-175 WB & EB at MM 93 in Lake City.
Stalled Vehicle (Avg Impact : 40 min)								
	03/02 08:32 AM	39987	I-235			1	5 hr 39 m	Initial report of a stalled vehicle on I-235 WB at MM 6 in Des Moines (near Windsor Heights).
	03/16 06:27 AM	41534	I-80				4 hr 43 m	Initial report of a stalled vehicle on I-80 WB at MM 243 in Coralville.
Towing Operation (Avg Impact : 7 hr 30 m)								
	03/07 09:00 AM		US-52			1	1 day 21 min	Initial report of a towing operation event on US-52 NB at MM 71 (near Luxemburg).
	03/09 10:00 AM		US-61				18 hr 20 m	Initial report of a towing operation event on US-61 NB at MM 129 (near Eldridge).
	03/21 07:00 PM	42037	I-80			1	21 hr 44 m	Initial report of a towing operation event on I-80 EB at MM 262 (near Atalissa).
	03/28 10:00 AM	42874	US-151			1	1 day 33 min	Initial report of a towing operation event on US-151 NB at MM 41 (near Springville).