



TRAFFIC MANAGEMENT CENTER PERFORMANCE MEASUREMENTS

July 2018

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

Executive Summary

TOTAL INCIDENTS	
The total number of incidents during the period. *	
Previous	Current
June	July
3,076	2,945

TOTAL SECONDARY INCIDENTS	
Crashes that occur within the original incident scene or resulting queue.	
Previous	Current
June	July
13	7

TOTAL MULTI-VEHICLE INCIDENTS	
The total number of multi-vehicle incidents during the period.	
Previous	Current
June	July
214	177

LANE BLOCKAGE INCIDENTS	
The total number of incidents which resulted in at least one blocked lane of travel.*	
Previous	Current
June	July
438	281

AVERAGE CLEARANCE TIME	
The average time for all lanes to be cleared after a crash.	
Previous	Current
June	July
1 hr 12 m	1 hr 30 m

TOTAL HIGHWAY HELPER RESPONSES	
The total number of incidents Highway Helper responded to during the period.	
Previous	Current
June	July
1,200	1,062

* - excludes roadwork

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

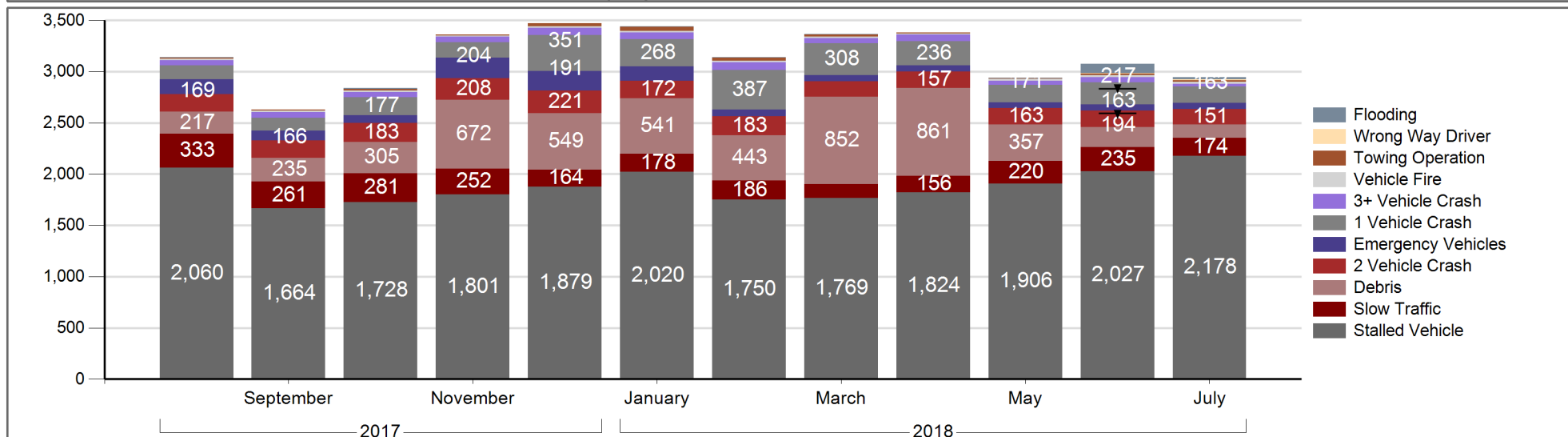
The term 'Avg Impact' is used throughout this report to indicate mainline closure times (excludes shoulder/ramp closure).

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	2,178	74%	3 hr 4 m	1,076	38	41	260	75	688
Slow Traffic	174	6%	4 hr 13 m	128	8	7	9	0	22
1 Vehicle Crash	163	6%	1 hr 34 m	55	3	10	33	14	48
2 Vehicle Crash	151	5%	2 hr 19 m	77	4	9	15	9	37
Debris	133	5%	1 hr 51 m	64	5	13	10	6	35
Emergency Vehicles	57	2%	2 hr 1 m	23	2	7	4	4	17
3+ Vehicle Crash	26	1%	53 min	17	0	0	2	0	7
Flooding	20	1%	1 day 20 hr 14 m	14	0	4	2	0	0
Vehicle Fire	20	1%	1 hr 15 m	6	0	2	3	2	7
Towing Operation	12	0%	6 hr 32 m	4	0	0	2	2	4
Wrong Way Driver	11	0%		0	0	0	0	0	11
Total	2,945	100%	3 hr 14 m	1,464	60	93	340	112	876

* - Totals include Highway Helper Incidents

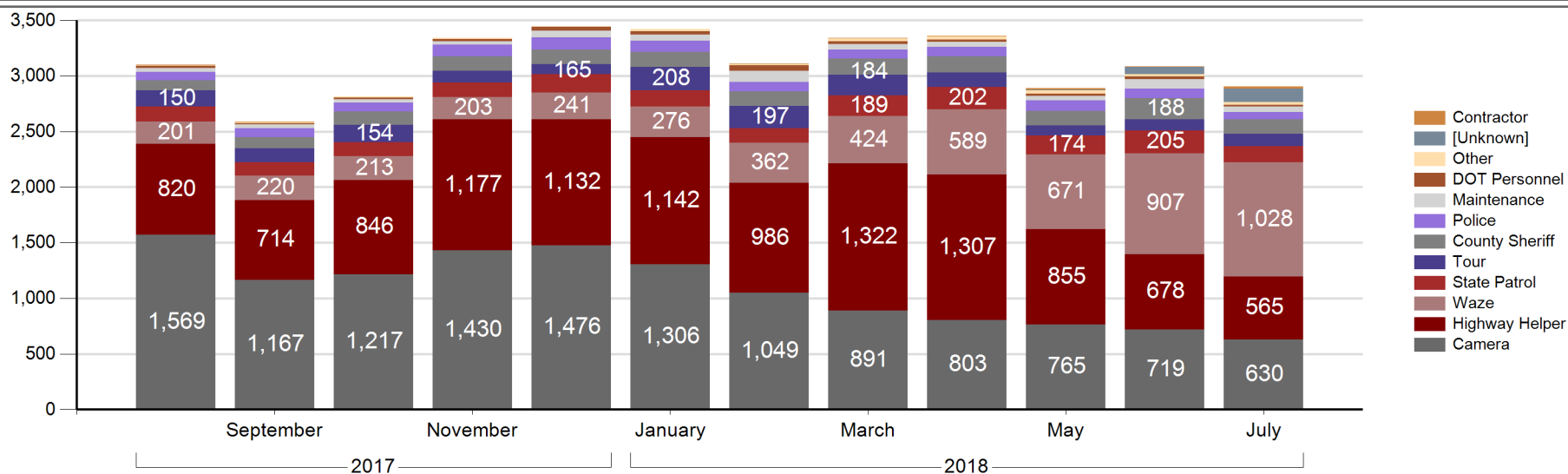


INCIDENT TOTALS BY DETECTION TYPE

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*
Waze	1,028	35%	484	32	33	101	54	324
Camera	630	21%	429	4	13	47	12	125
Highway Helper	565	19%	235			107		223
State Patrol	145	5%	59	2	6	23	13	42
County Sheriff	133	5%	24	7	19	20	15	48
[Unknown]	124	4%	56	3	4	15	2	43
Tour	109	4%	59	1	6	15	9	19
Police	64	2%	37	1	7	3	2	14
Maintenance	49	2%	19	1	4	2	1	22
Other	23	1%	18			2		3
Contractor	17	1%	10	7				
DOT Personnel	16	1%	11	1		1	2	1
Total	2,903	100%	1,441	59	92	336	110	864

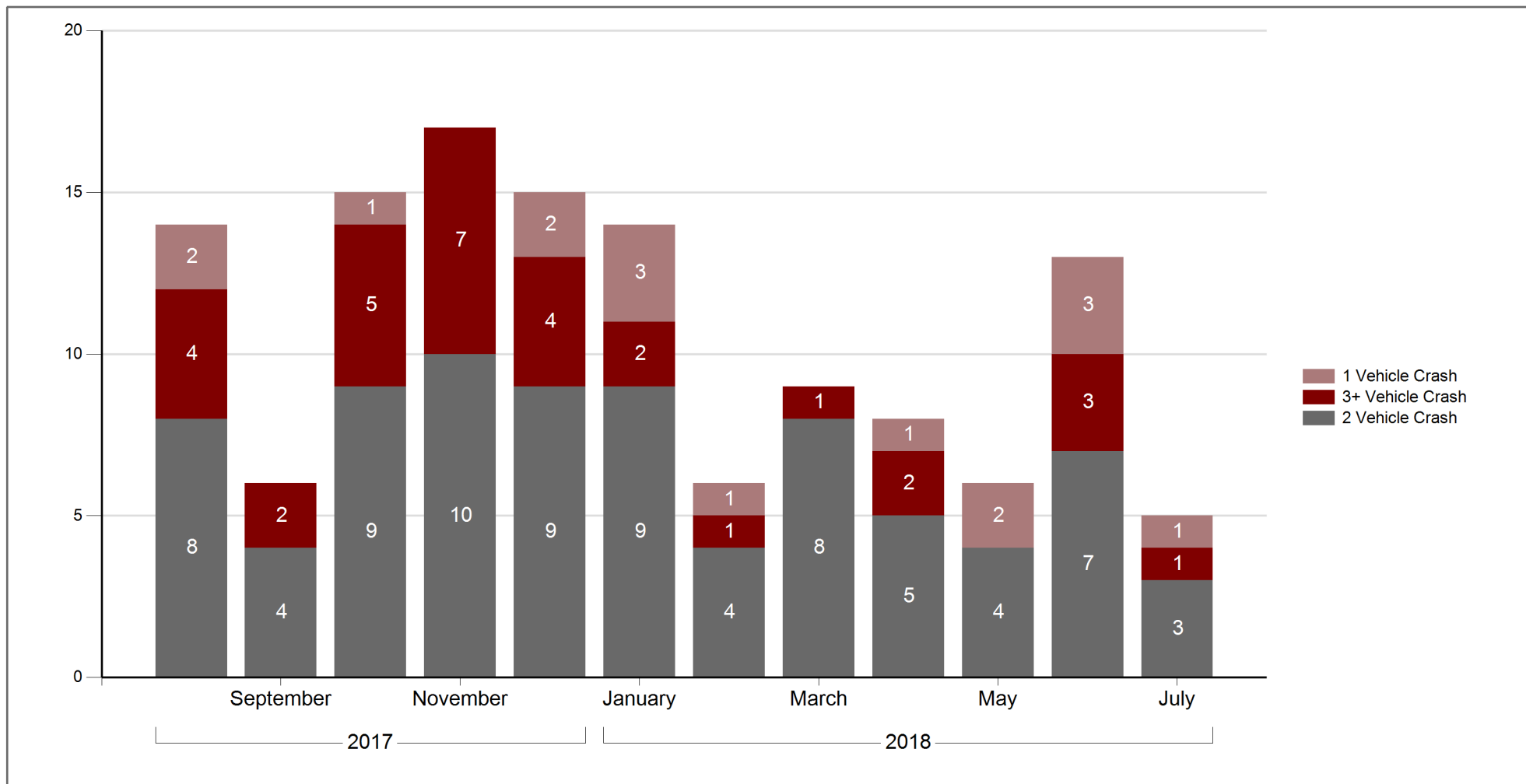
* - Totals include Highway Helper Incidents



SECONDARY INCIDENTS BY TYPE

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

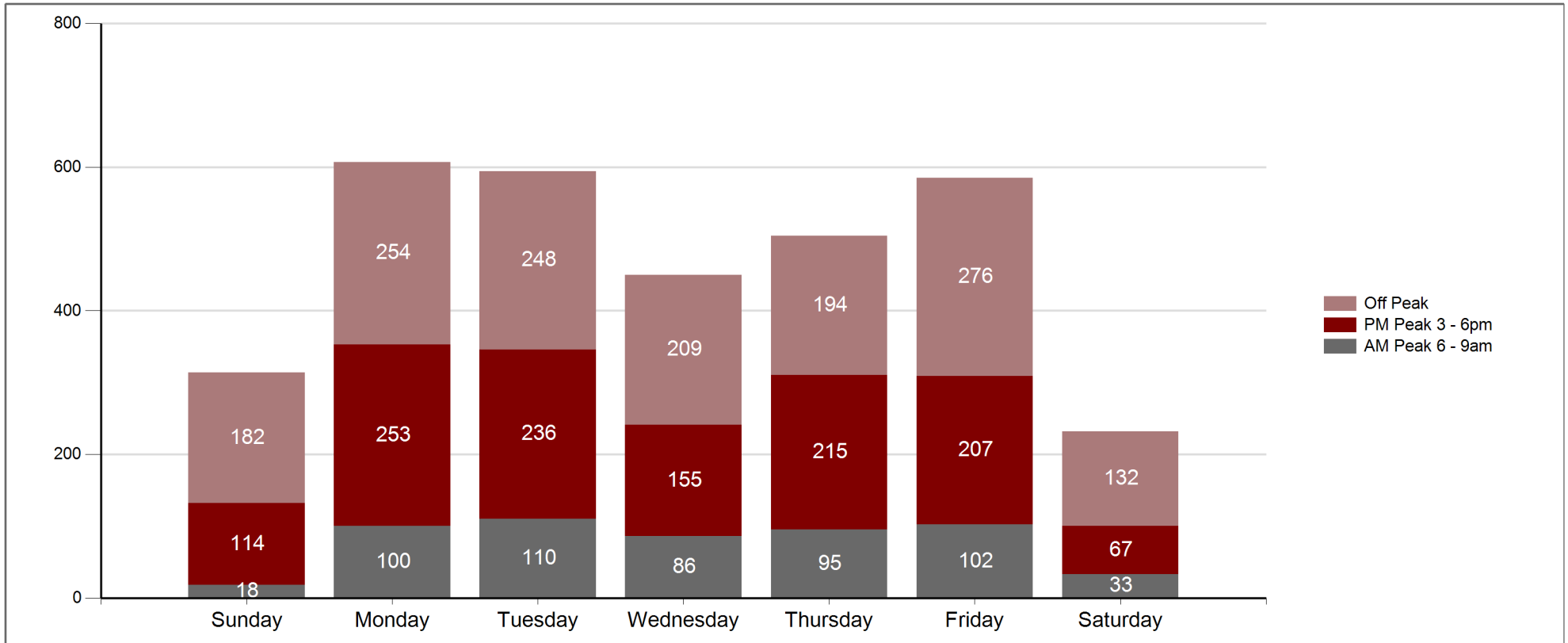
Type	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
2 Vehicle Crash	3	60%	1 hr 8 m	2	0	0	0	0	1
1 Vehicle Crash	1	20%	5 hr 15 m	0	0	0	1	0	0
3+ Vehicle Crash	1	20%	25 min	1	0	0	0	0	0
Total	5	100%	2 hr 16 m	3	0	0	1	0	1



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.

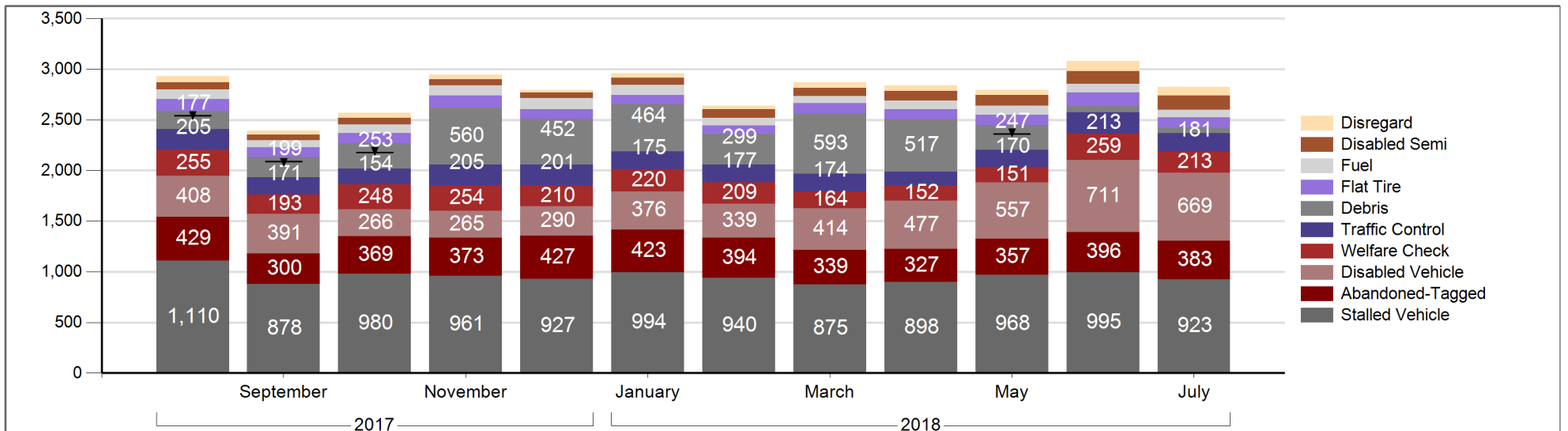
Weekday	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
Tuesday	546	19%	5 hr 34 m	295	9	21	44	16	161
Monday	542	18%	1 hr 33 m	265	15	12	65	14	171
Friday	528	18%	1 hr 45 m	256	10	21	61	19	160
Thursday	451	15%	3 hr 32 m	223	4	17	65	20	122
Wednesday	404	14%	4 hr 26 m	187	6	11	48	21	131
Sunday	266	9%	3 hr 31 m	144	9	9	25	11	68
Saturday	209	7%	48 min	94	7	2	32	11	63
Total	2,946	100%	5 hr 34 m	1,464	60	93	340	112	876



HIGHWAY HELPER RESPONSES

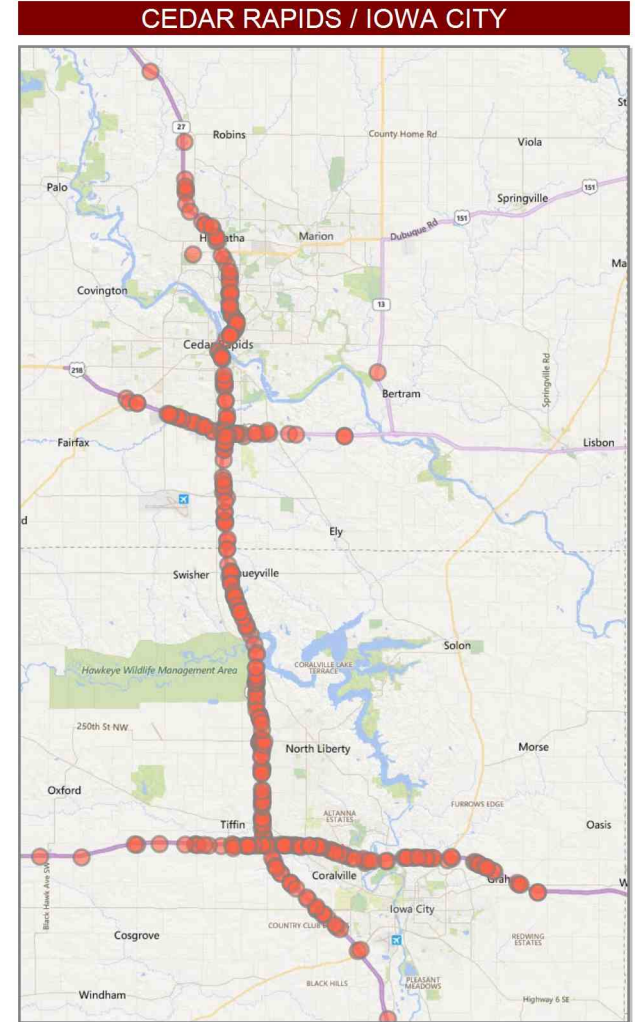
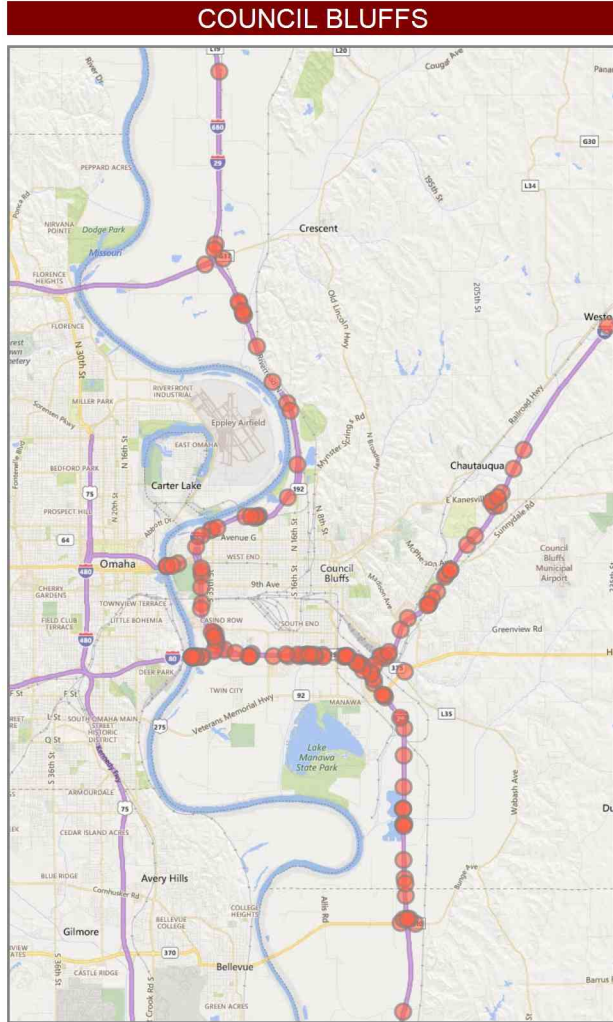
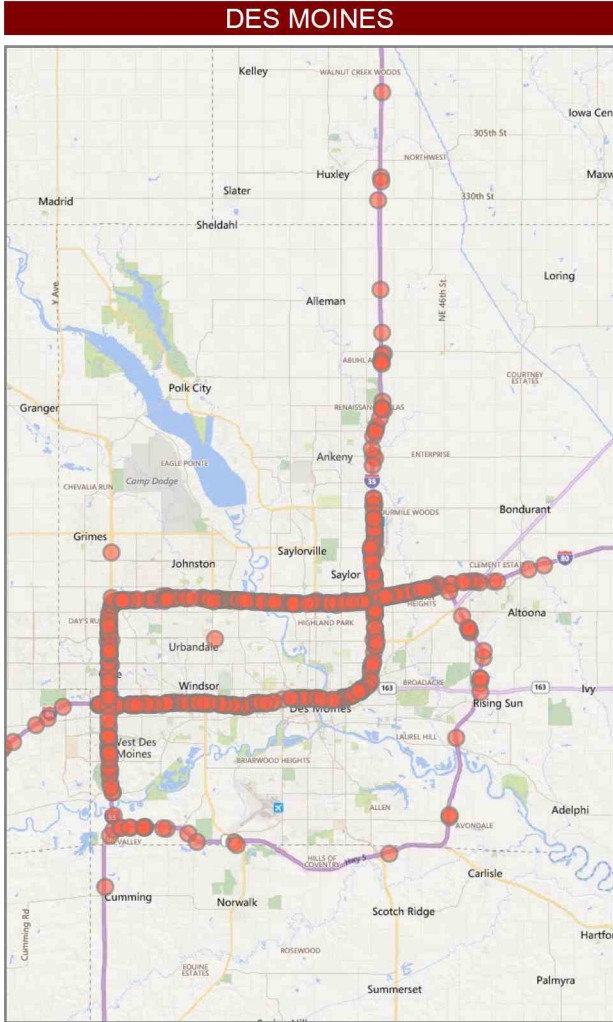
The total number of incidents Highway Helper responded to during the period.

Type	Total	%	Avg Impact	Des Moines	Council Bluffs	Cedar Rapids / Iowa City
Stalled Vehicle	923	29%	1 hr 24 m	455	139	326
Disabled Vehicle	669	21%	48 min	341	98	228
Abandoned-Tagged	386	12%	12 hr 30 m	195	56	135
Welfare Check	214	7%	14 min	98	34	81
Traffic Control	192	6%	1 hr 15 m	93	27	71
Flat Tire	151	5%	3 min	75	33	43
Disabled Semi	142	4%	1 hr 35 m	56	18	67
Disregard	96	3%	19 min	68	6	22
Debris	88	3%	28 min	55	3	30
Fuel	81	3%	30 min	37	17	27
Mechanical Repair	54	2%	1 hr 32 m	19	13	22
2 Vehicle Crash	47	1%	55 min	31	4	12
Total	3,043	100%	1 hr 12 m	1,523	448	1,064



HIGHWAY HELPER ASSIST BY LOCATION

Highway Helper detected incidents and response locations.

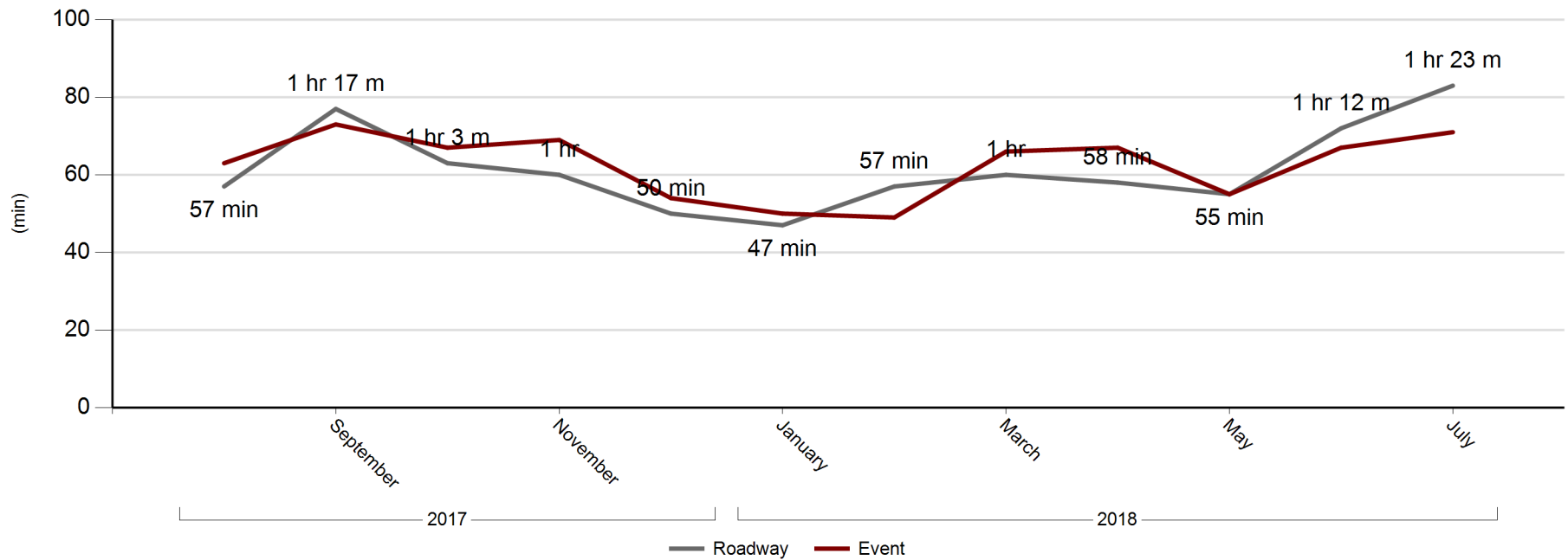


INCIDENT CLEARANCE TIMES (CRASHES ONLY)

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 21 m	1 hr 3 m	2 hr 13 m	1 hr 47 m	1 hr 20 m	3 hr 11 m	1 hr 15 m
	Federal	1 hr 51 m	2 hr 26 m	3 hr 13 m	2 hr 4 m	1 hr 21 m	2 hr 20 m	46 min
	Interstate	1 hr 11 m	51 min	1 hr 14 m	26 min	1 hr 20 m	4 hr 53 m	1 hr 23 m
	State	1 hr 27 m	58 min		1 hr 56 m		2 hr 46 m	1 hr 15 m
Roadway	All	1 hr 23 m	1 hr 6 m	2 hr 14 m	1 hr 39 m	1 hr 23 m	2 hr 55 m	1 hr 27 m
	Federal	1 hr 36 m	1 hr 49 m	3 hr 13 m	2 hr 6 m	1 hr 3 m	2 hr 8 m	49 min
	Interstate	1 hr 15 m	58 min	1 hr 15 m	26 min	1 hr 29 m	4 hr 33 m	1 hr 26 m
	State	1 hr 38 m	59 min		1 hr 38 m		2 hr 50 m	2 hr 7 m

All Roads (Interstate / Federal / State)

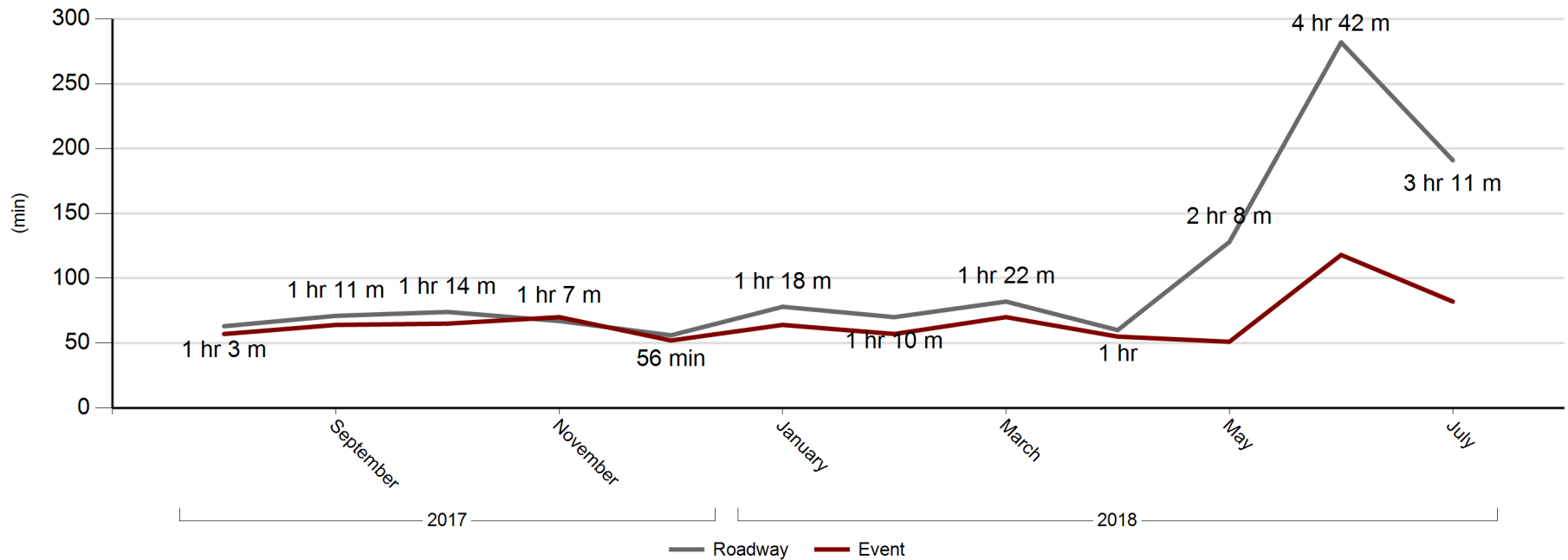


INCIDENT CLEARANCE TIMES (ALL TYPES)

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 58 m	1 hr 14 m	1 hr 27 m	4 hr 23 m	2 hr 5 m	4 hr 46 m	1 hr 41 m
	Federal	1 hr 22 m	1 hr 29 m	3 hr 13 m	1 hr 8 m	1 hr 25 m	1 hr 54 m	59 min
	Interstate	1 hr 36 m	1 hr 15 m	1 hr 14 m	24 min	1 hr 52 m	5 hr 28 m	1 hr 52 m
	State	3 hr 58 m	52 min	42 min	10 hr 49 m	9 hr 3 m	6 hr 31 m	1 hr 49 m
Roadway	All	3 hr 11 m	1 hr 51 m	4 hr 20 m	14 hr 30 m	2 hr 16 m	3 hr 19 m	1 hr 38 m
	Federal	1 hr 16 m	1 hr 2 m	3 hr 5 m	1 hr 35 m	1 hr 24 m	1 hr 18 m	1 hr 4 m
	Interstate	1 hr 32 m	1 hr	7 hr 36 m	26 min	2 hr 12 m	4 hr 26 m	1 hr 41 m
	State	11 hr 9 m	7 hr 31 m	42 min	1 day 8 hr 39 m	9 hr 4 m	4 hr 59 m	2 hr 5 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 32 m)								
	07/08 03:46 PM	54318	I-29		1		5 hr 15 m	Initial report of a single vehicle crash on I-29 SB at MM 93 (near Little Sioux).
	07/08 02:33 AM	54299	I-29		1	1	5 hr 48 m	Initial report of a single vehicle crash on I-29 SB at MM 71 (near Missouri Valley).
	07/29 11:26 PM	56519	I-380		1	1	5 hr 14 m	Initial report of a single vehicle crash on I-380 SB at MM 33 (near Center Point).
	07/23 08:09 PM	55923	I-80		1	1	4 hr 51 m	Initial report of a single vehicle crash on I-80 EB at MM 239 in Tiffin.
	07/13 10:43 AM	54863	US-65		1	1	9 hr 3 m	Initial report of a single vehicle crash on US-65 NB at MM 77 in Pleasant Hill.
2 Vehicle Crash (Avg Impact : 1 hr 16 m)								
	07/19 09:59 PM	55576	US-63	1			5 hr 36 m	Initial report of a 2 vehicle crash on US-63 SB at MM 5 (near Moulton).
	07/19 05:27 PM	55554	IA-100				6 hr 44 m	Initial report of a 2 vehicle crash on IA-100 WB at MM 10 in Cedar Rapids.
	07/10 03:46 PM	54536	I-80				2 hr 49 m	Initial report of a 2 vehicle crash on I-80 EB at MM 134 (near Saylorville).
	07/05 10:07 AM	54020	I-35			2	3 hr 27 m	Initial report of a 2 vehicle crash on I-35 NB at MM 104 in Huxley.
	07/31 02:10 PM	56669	US-20	1		1	5 hr 6 m	Initial report of a 2 vehicle crash on US-20 in both directions at MM 34 (near Correctionville).
	07/18 07:15 AM	55343	IA-38		1		3 hr 26 m	Initial report of a 2 vehicle crash on IA-38 at MM 94 in Greeley.
Debris (Avg Impact : 4 hr 2 m)								
	07/19 05:45 PM	55561	IA-14				2 days	Initial report of a debris event on IA-14 SB at MM 103 in Marshalltown.
	07/19 05:45 PM		IA-14				2 days	Initial report of a debris event on IA-14 NB at MM 103 in Marshalltown.
Emergency Vehicles (Avg Impact : 1 hr 44 m)								
	07/27 12:18 PM	56329	IA-1				4 hr 37 m	Initial report of an emergency vehicles event on IA-1 NB at MM 109 in Mount Vernon.
	07/31 02:09 PM		US-20				5 hr 6 m	Initial report of an emergency vehicles event on US-20 EB at MM 34 (near Correctionville).
	07/04 08:26 AM		I-80				4 hr 37 m	Initial report of an emergency vehicles event on I-80 EB at MM 29 (near Minden).
	07/23 08:16 PM		I-380				4 hr 44 m	Initial report of an emergency vehicles event on I-380 SB at MM in Tiffin.
	07/08 01:05 PM		I-29			1	10 hr 2 m	Initial report of an emergency vehicles event on I-29 SB at MM 86 (near Mondamin).
Flooding (Avg Impact : 2 hr 25 m)								
	07/01 11:40 AM		US-65				20 hr 17 m	Initial report of a flooding event on US-65 NB at MM 77 in Pleasant Hill.
Stalled Vehicle (Avg Impact : 1 hr 6 m)								
	07/06 05:16 PM	54214	I-35				12 hr 30 m	Initial report of a stalled vehicle on I-35 NB at MM 94 in Ankeny.

INCIDENTS (CLEARANCE TIME DEVIATION)

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
Stalled Vehicle (Avg Impact : 1 hr 6 m)								
	07/08 12:57 PM	54308	I-29			1	10 hr 8 m	Initial report of a semi truck leaking hydrogen peroxide on I-29 NB at MM 86 (near Mondamin).
Towing Operation (Avg Impact : 5 hr 46 m)								
	07/12 08:00 PM		I-80			1	14 hr 8 m	Initial report of a towing operation event on I-80 WB at MM 233 (near Oxford).
	07/04 01:00 PM		I-80			1	10 hr 32 m	Initial report of a towing operation event on I-80 EB at MM 255 (near West Branch).