

Wichita TMC Support- Monthly Incident Report for January 2017

There were a total of **102** actively logged incidents during the month. The Traffic Management Center (TMC) is actively staffed 6am to 7pm, Monday-Friday, but additional incidents may be recorded outside normal hours. Below is a breakdown of active incident type as well as average duration of incident by type. Incidents are only reported where TMC system coverage is available for verification.

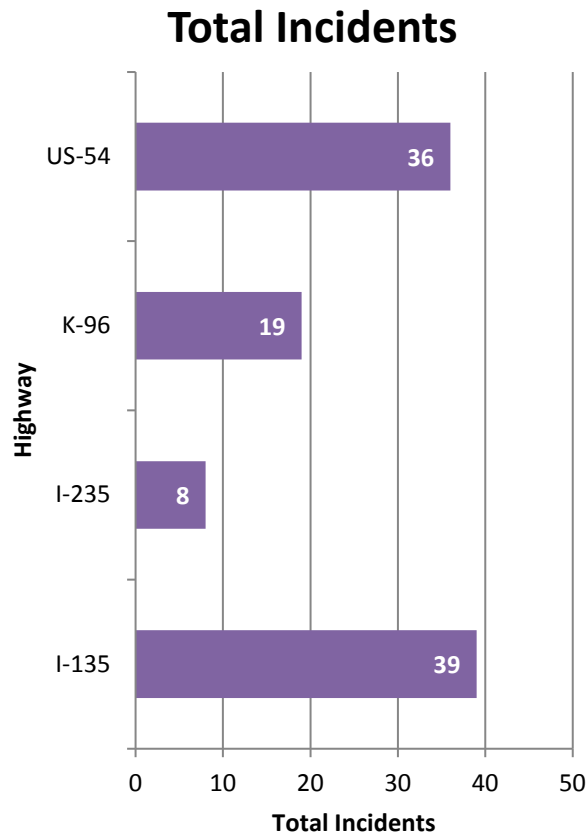


Figure 1: Total incidents by Highway

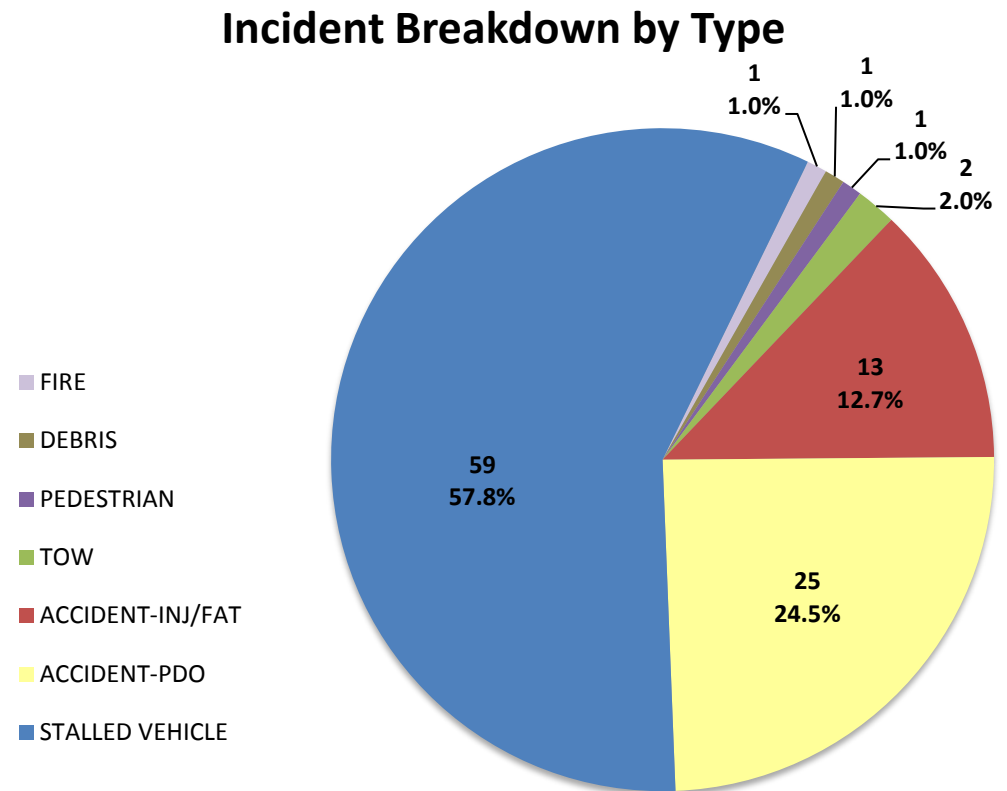
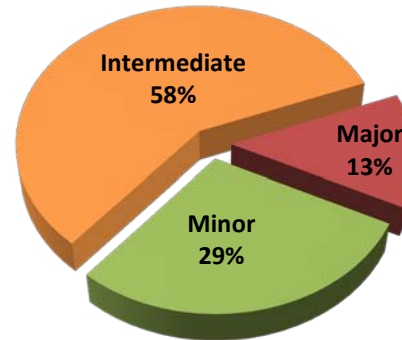


Figure 2: Number and percentage of actively logged incidents in MIST for the report month broken out by type of incident.

Total Crashes by Severity



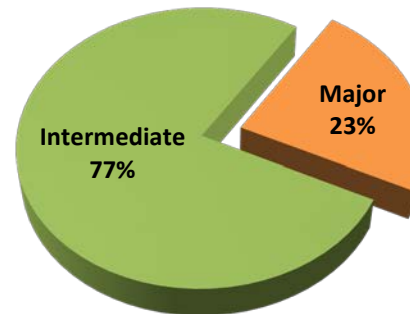
Severity	Total Crashes	Avg. Duration (hh:mm)
Minor	11	0:15
Intermediate	22	1:03
Major	5	2:46
Grand Total	38	1:02

Incident vs. Crash

Incident – an event occurring on the highway that affects the safety or capacity of the highway

Crash – the collision of a vehicle with another vehicle, animal, pedestrian, debris or stationary object

Injury/Fatality Crashes by Severity



Severity	Total Crashes	Avg. Duration (hh:mm)
Intermediate	10	1:05
Major	3	2:51
Grand Total	13	1:29

1/13/17 NB I-135 at Harry. Closed all lanes. (2:28)
 1/13/17 WB US-54 at CBD. Closed all lanes. (3:55)
 1/24/17 EB K-96 at Ridge. School bus. (2:10)

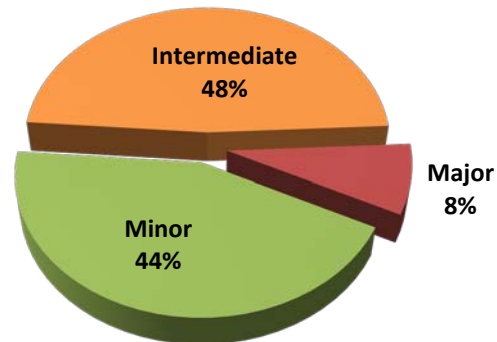
Severity Levels

Minor – duration under 30 min.

Intermediate – duration of 30 min. to 2 hrs.

Major – duration greater than 2 hrs.

Non-Injury Crashes by Severity



Severity	Total Crashes	Avg. Duration (hh:mm)
Minor	11	0:15
Intermediate	12	1:01
Major	2	2:40
Grand Total	25	0:51

1/12/17 SB I-135 at 9th. Right lane closed. (2:42)
 1/13/17 WB US-54 at Rock. Single vehicle. (2:38)

Total Crashes by Highway

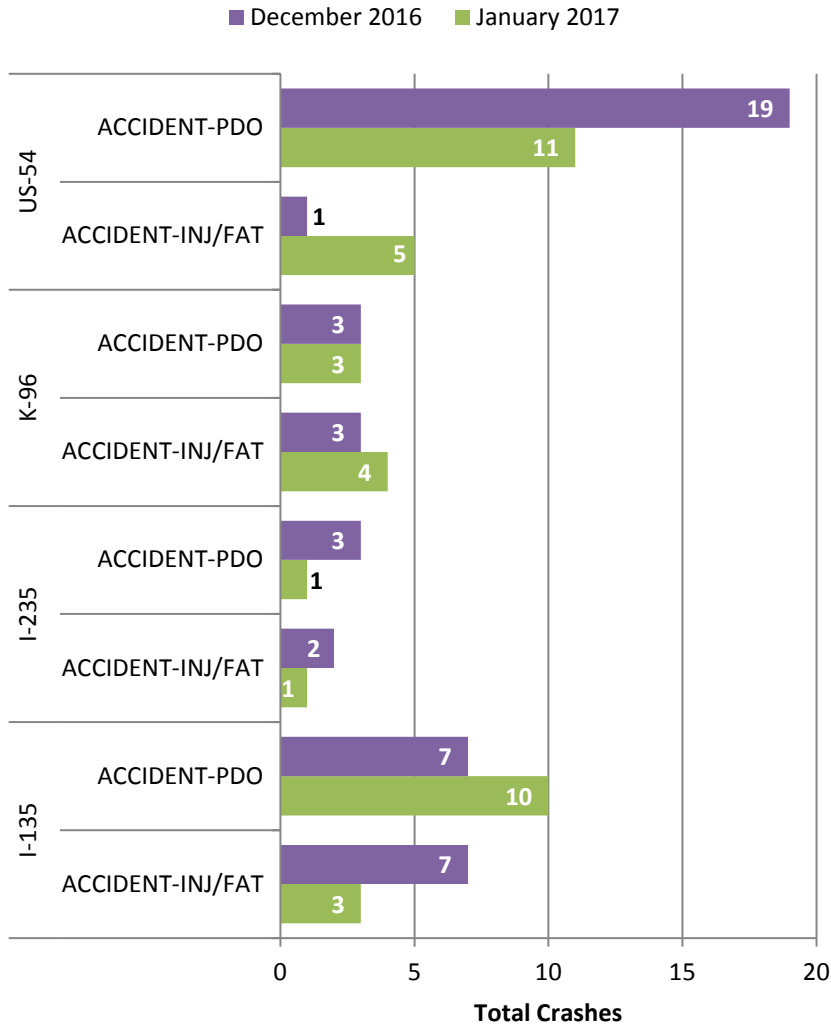


Figure 3: Total Crashes by Highway. Crashes are broken out by "Injury/Fatality" and "Property Damage Only".

Crash Clearance Time by Highway

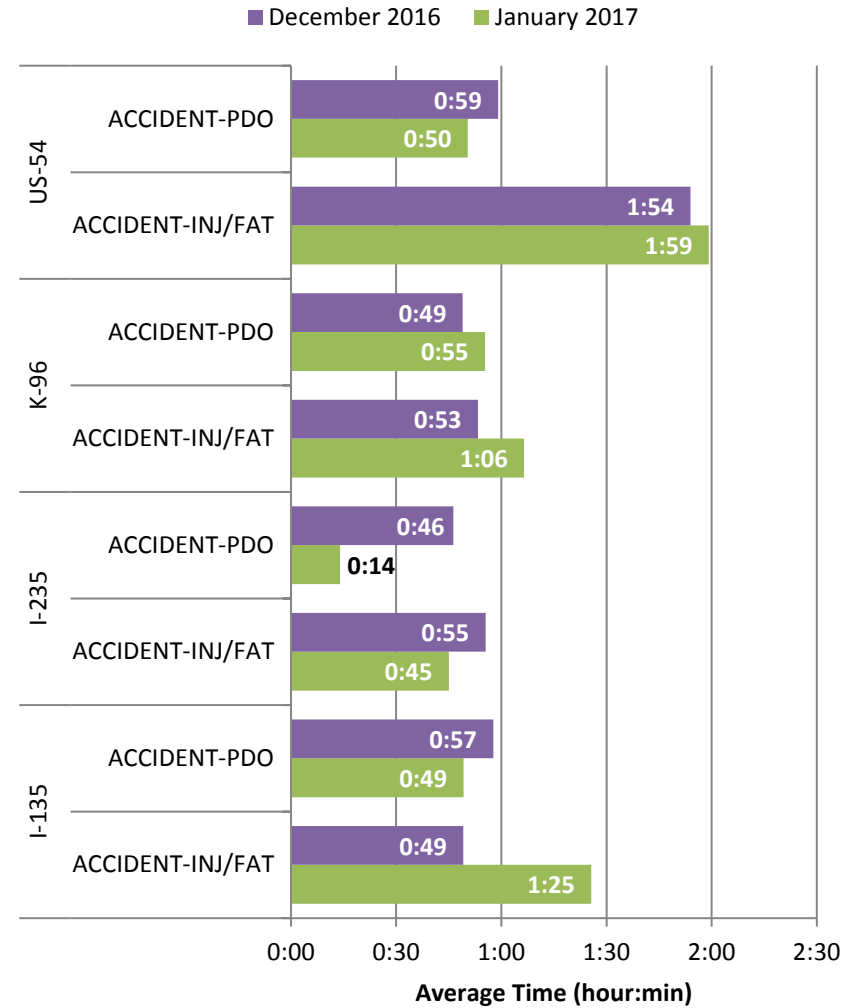
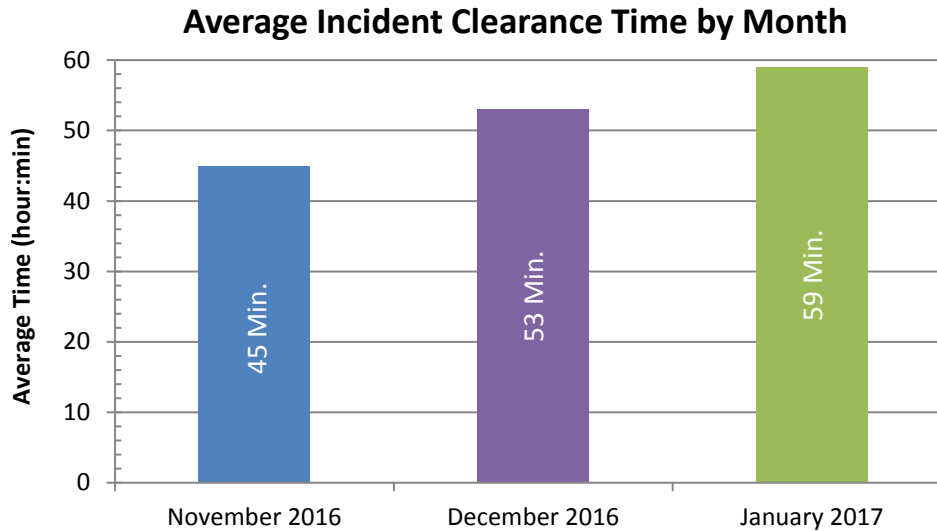


Figure 4: Average Crash Clearance Time by Highway. Crashes are broken out by "Injury/Fatality" and "Property Damage Only".



In the month, a total of **1 secondary crash** was reported. Secondary crashes comprised **2.6% of logged crashes**. Secondary crashes are additional crashes resulting from the original incident.
Last Month: 1 crashes, 2.2%

Figure 5: Average Incident Clearance time for the last 3 months. Construction, stalled, and tow events excluded for clarity.

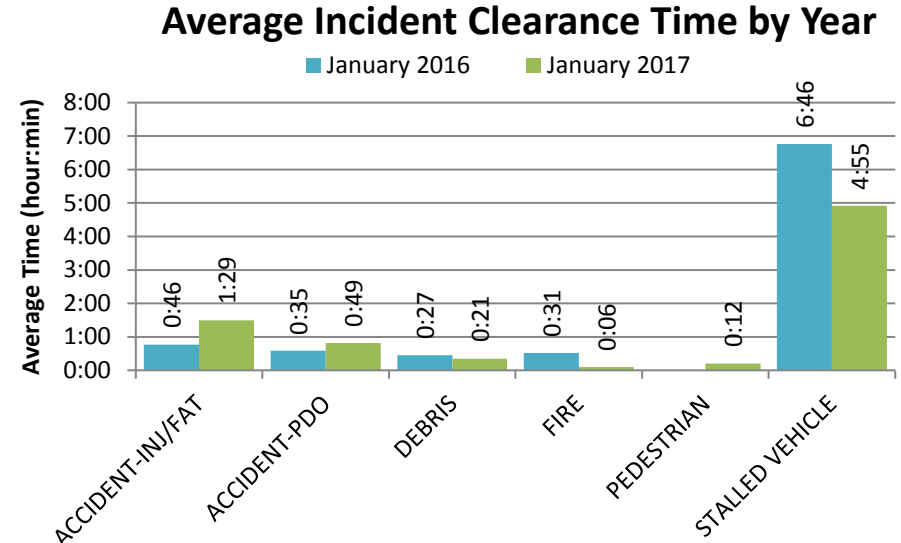
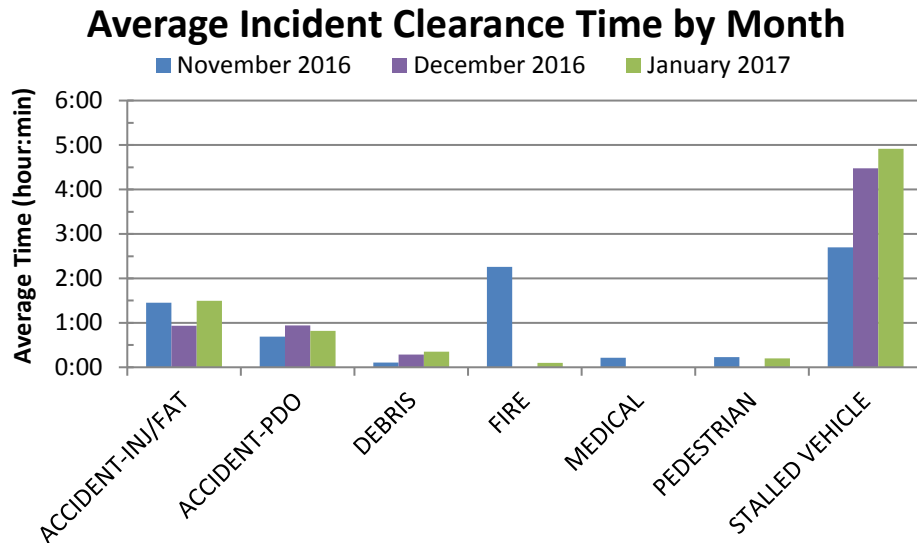


Figure 6: Average Incident Clearance time by type for the last 3 months. Construction and tow events excluded for clarity.

Figure 7: Average Incident Clearance time (2017 vs. 2016). Construction and tow events excluded for clarity.

Posted DMS by Time of Day

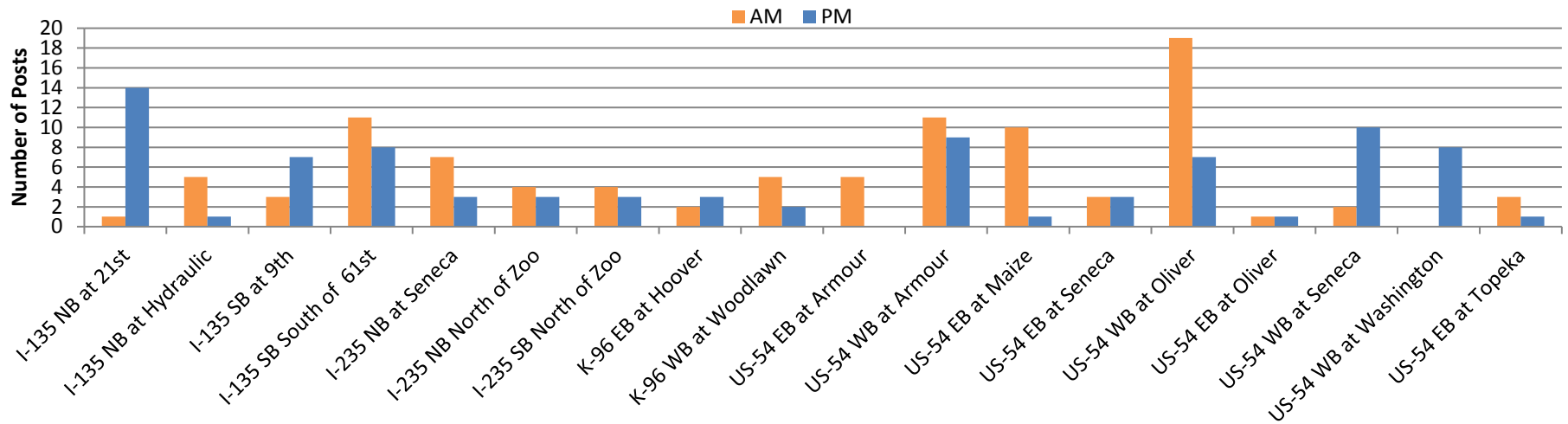


Figure 8: Number of posted messages per DMS by AM and PM hours.

Posted Incidents by Type & Time of Day

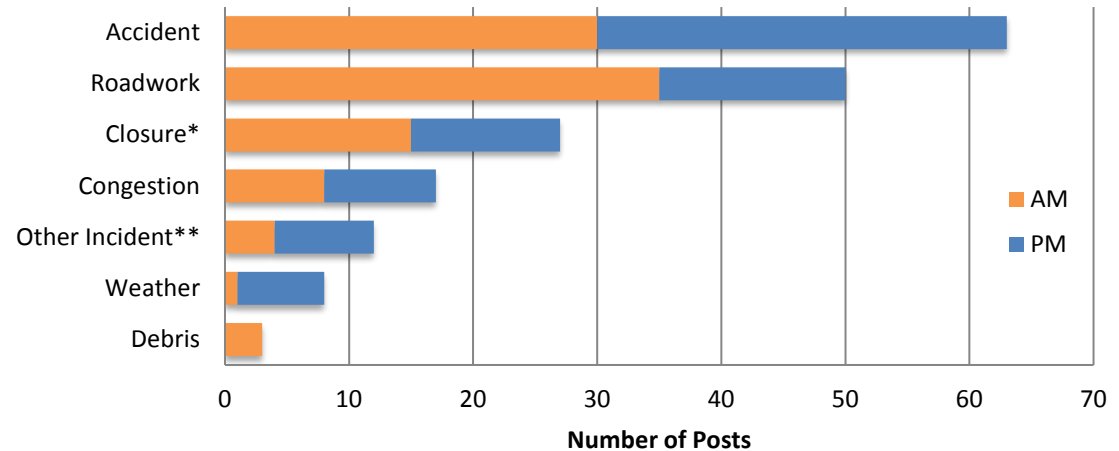


Figure 9: Posted incidents by type and AM/PM hours.

Dynamic Message Sign (DMS) Utilization

WICHway utilizes 25 permanent DMS. In the month, a total of **180 messages** were posted. **72%** of DMS were used at least once for an incident.

Messages shown exclude travel times and test messages. Messages shown include modifications to previous messages.

*Closure messages include roadway closures for roadwork, incidents, and weather postings.

**Other Incidents include but are not limited to stalled vehicles, fire, and medical incidents.