

Wichita TMC Support- Monthly Incident Report for January 2019

There were a total of **287** 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.

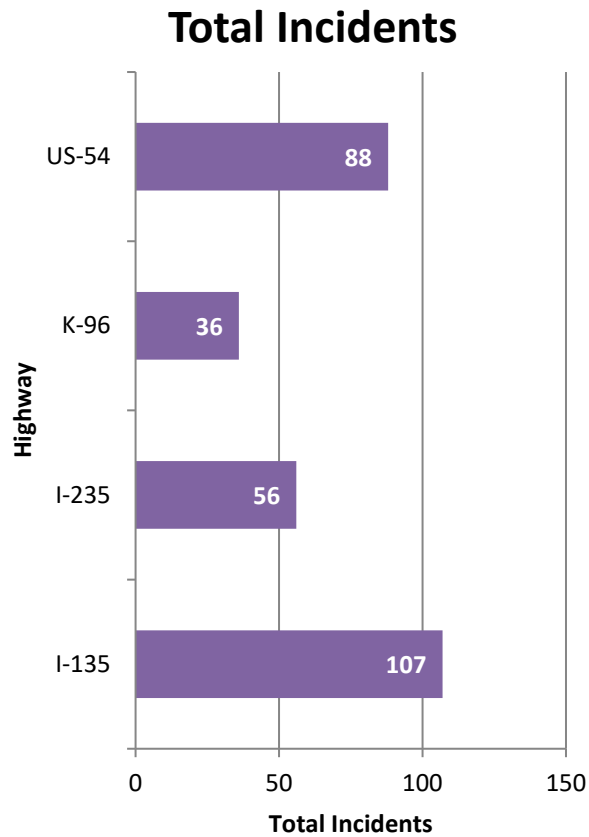


Figure 1: Total incidents by Highway

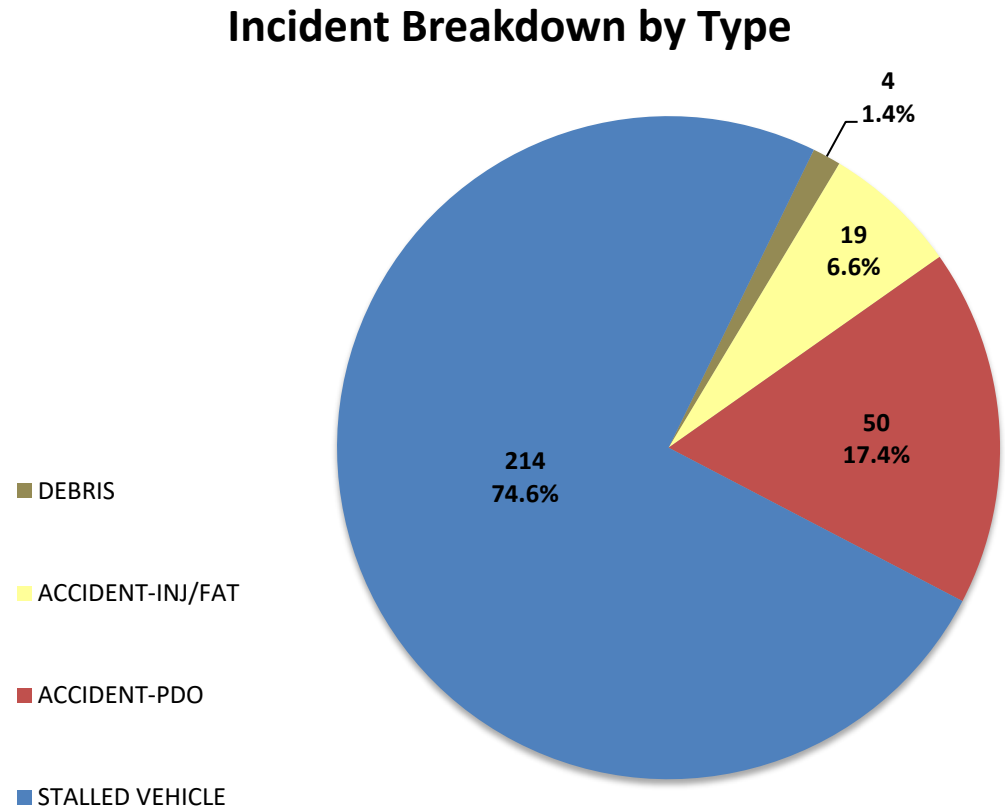
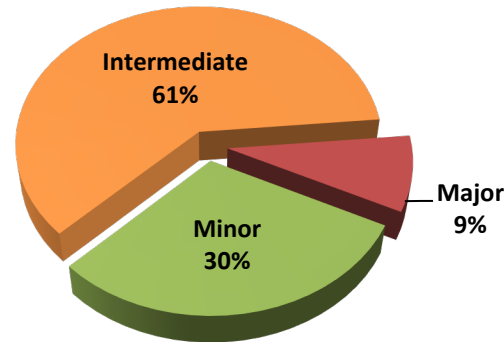


Figure 2: Number and percentage of actively logged incidents in MIST for the report month broken out by type of incident.

Total Crashes by Severity



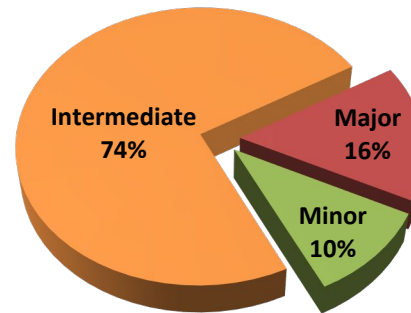
Severity	Total Crashes	Avg. Duration (hh:mm)
Minor	21	0:12
Intermediate	42	1:02
Major	6	3:00
Grand Total	69	0:57

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)
Minor	2	0:13
Intermediate	14	1:11
Major	3	3:21
Grand Total	19	1:26

1/11/19 WB K-96 at Hillside 0849 hrs (2:11)
 1/11/19 WB US-54 at I-135 1550 hrs (3:18)
 1/15/19 EB US-54 at Topeka 5:41 hrs (4:34)

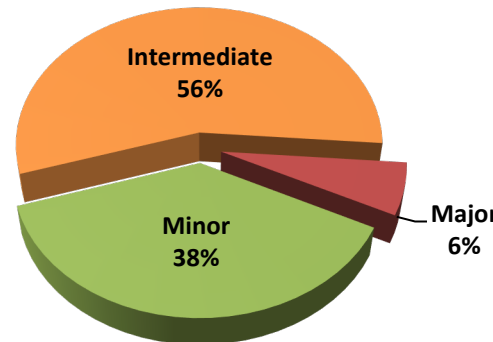
Severity Levels

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	19	0:12
Intermediate	28	0:58
Major	3	2:40
Grand Total	50	0:47

1/22/19 SB I-135 at 9th 17:16 hrs (2:50)
 1/22/19 EB US-54 at Edgemoor 17:46 hrs (2:38)
 1/31/19 WB US-54 at Hillside 21:26 hrs (2:34)

Total Crashes by Highway

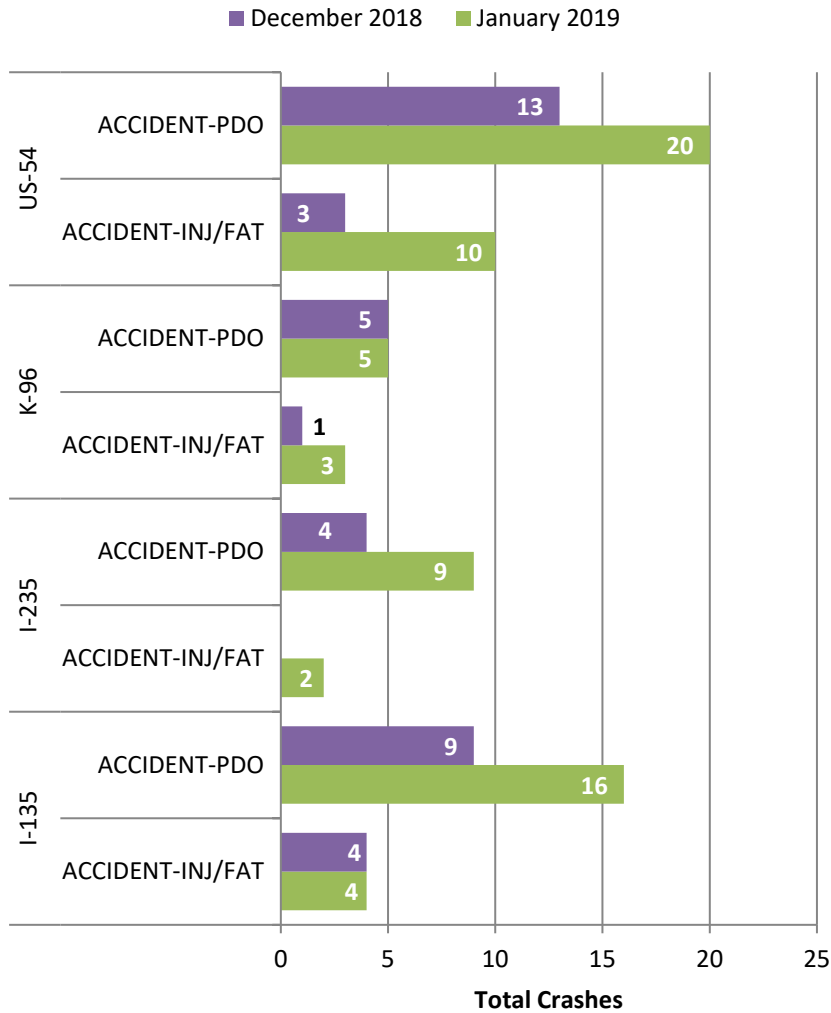


Figure 3: Total Crashes by Highway. Crashes are broken out by “Injury/Fatality” and “Property Damage Only”.

Crash Clearance Time by Highway

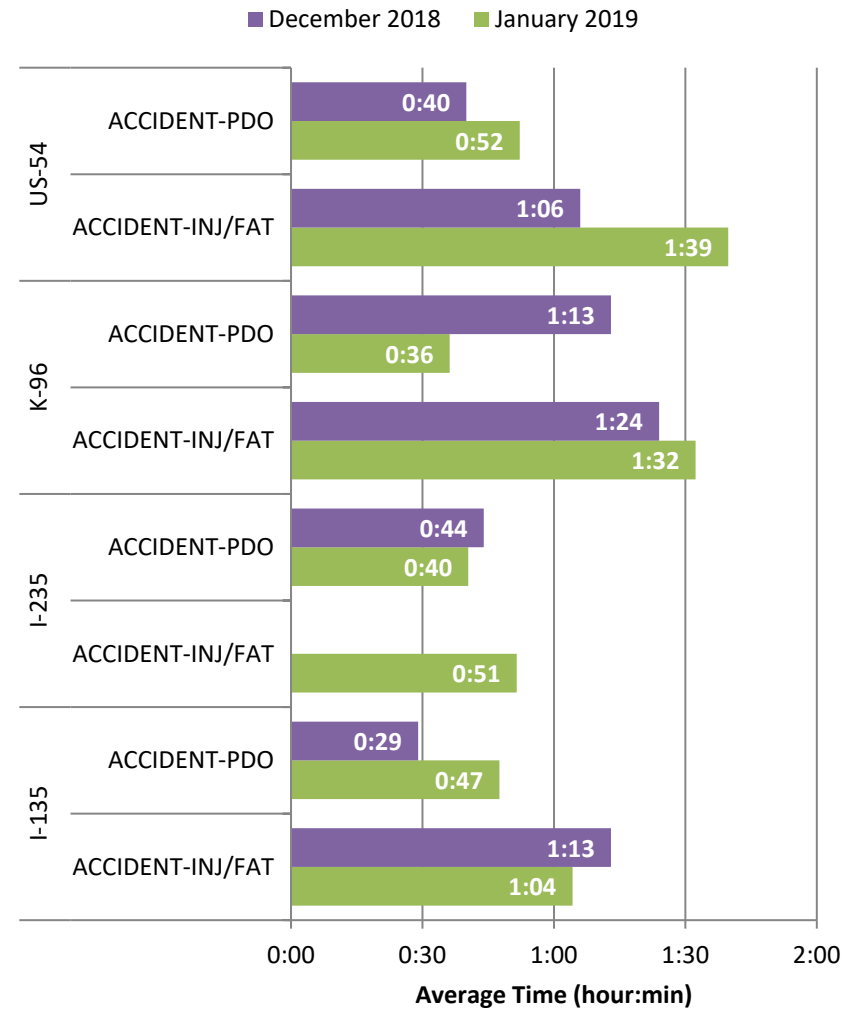
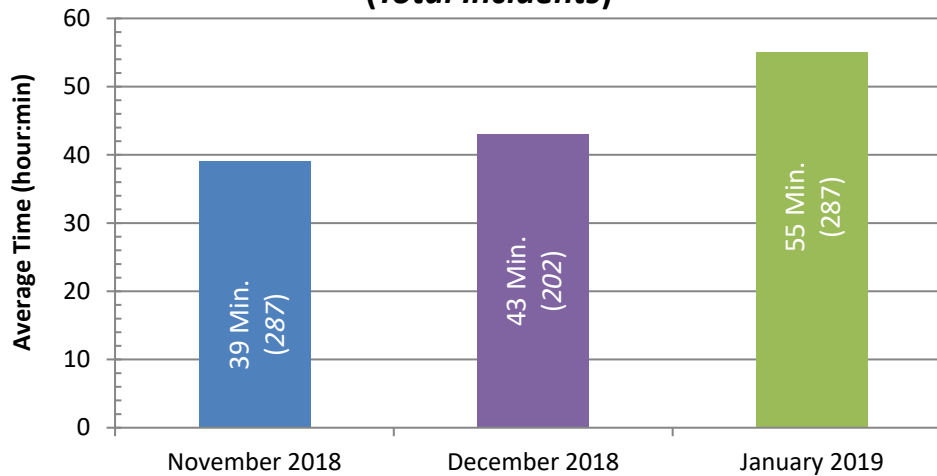


Figure 4: Average Crash Clearance Time by Highway. Crashes are broken out by “Injury/Fatality” and “Property Damage Only”.

Average Incident Clearance Time by Month (Total Incidents)



In the month, a total of **3 secondary crashes** were reported. Secondary crashes comprised **4.3% of logged crashes**. Secondary crashes are additional crashes resulting from the original incident.
Last Month: 2 crashes, 5.1%

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

Average Incident Clearance Time by Month

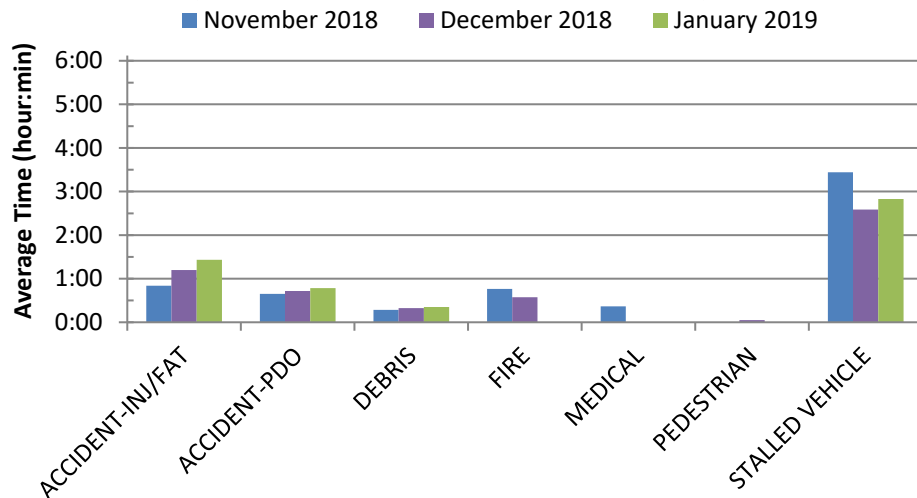


Figure 6: Average Incident Clearance time by type for the last 3 months. Construction and tow events excluded for clarity.

Average Incident Clearance Time by Year

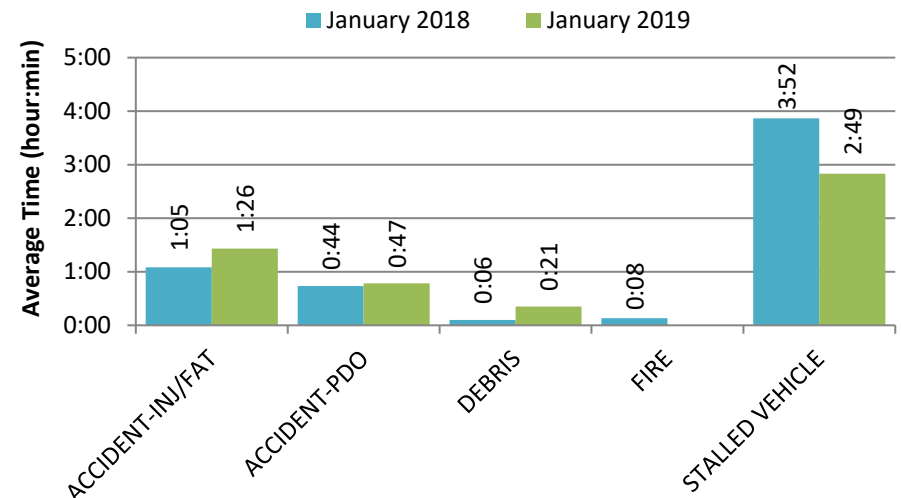


Figure 7: Average Incident Clearance time (2019 vs. 2018). Construction and tow events excluded for clarity.

Posted DMS by Time of Day

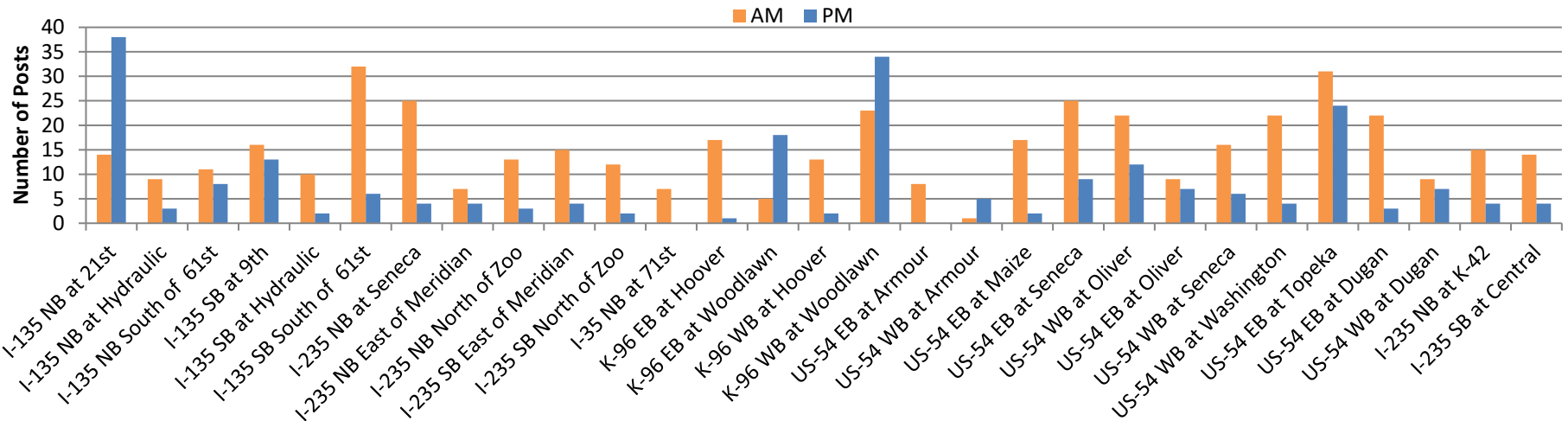


Figure 8: Number of posted messages per DMS by AM and PM hours.

Posted Incidents by Type & Time of Day

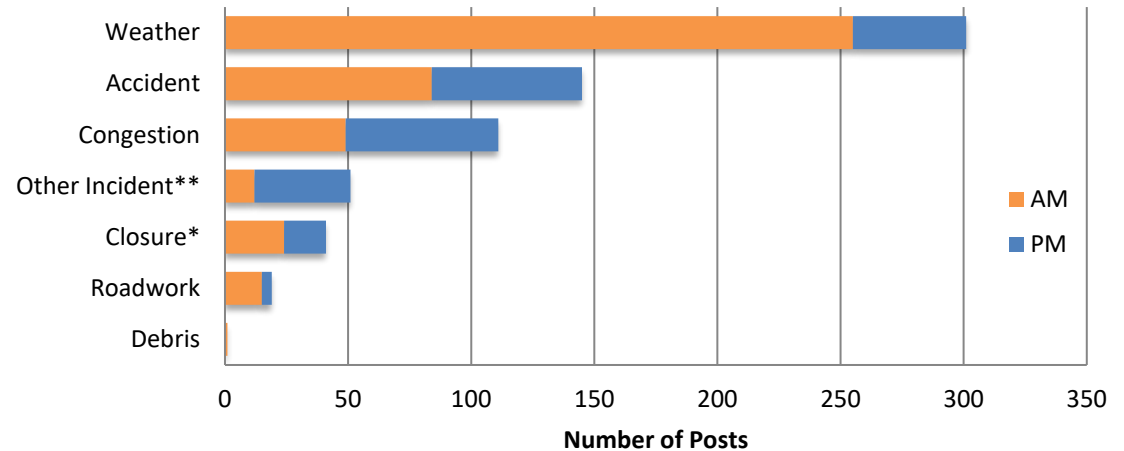


Figure 9: Posted incidents by type and AM/PM hours.

Dynamic Message Sign (DMS) Utilization

WICHway utilizes 29 permanent DMS. In the month, a total of **669 messages** were posted. **100%** 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.