

Wichita TMC Support- Monthly Incident Report for July 2019

There were a total of **228** 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.

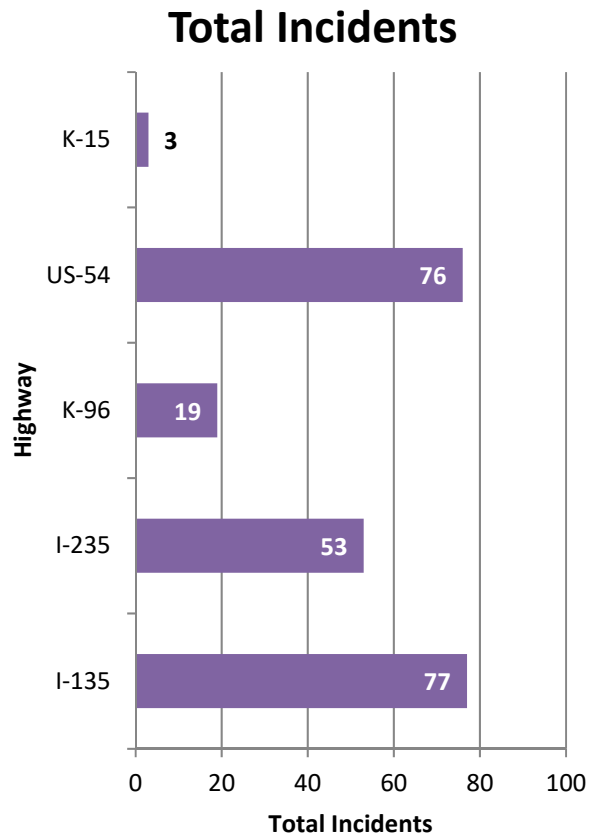


Figure 1: Total incidents by Highway

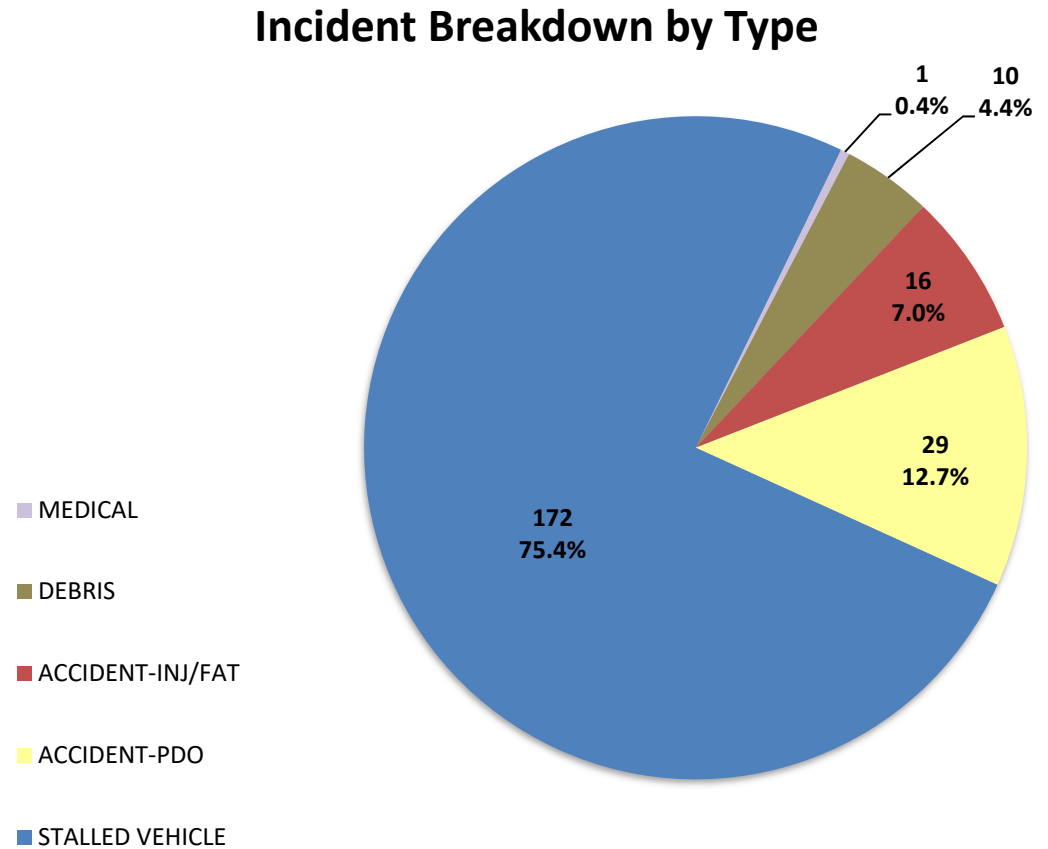
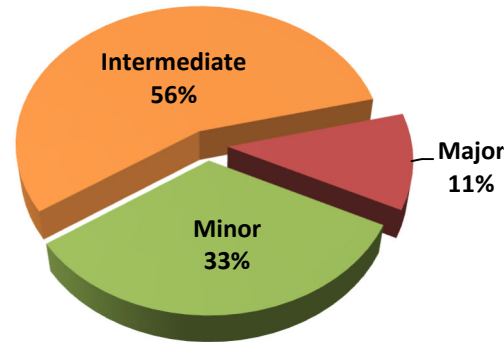


Figure 2: Number and percentage of actively logged incidents in MIST for the report month broken out by type of incident.

Total Crashes by Severity



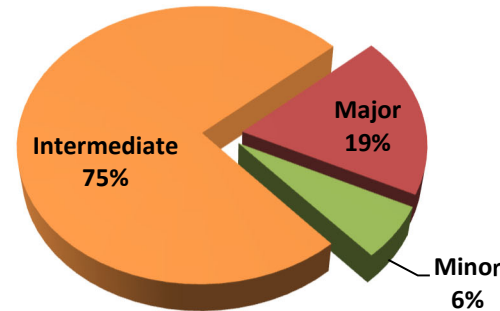
Severity	Total Crashes	Avg. Duration (hh:mm)
Minor	15	0:13
Intermediate	25	0:58
Major	5	2:36
Grand Total	45	0:54

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	1	0:13
Intermediate	12	1:08
Major	3	2:48
Grand Total	16	1:23

07/17/19 EB US-54 at SW Blvd 1831 hrs (3:22)
 07/23/19 WB US-54 at West St 1714 hrs (2:47)
 07/24/19 NB I-235 at Zoo Blvd 1408 hrs (2:17)

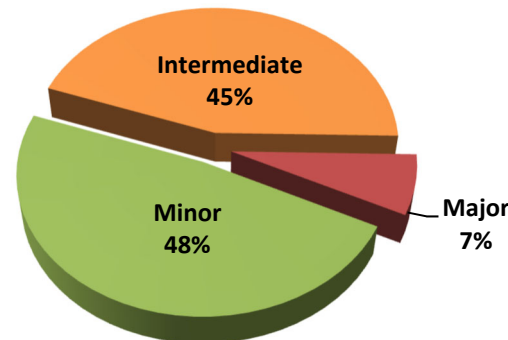
Severity Levels

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	14	0:13
Intermediate	13	0:48
Major	2	2:17
Grand Total	29	0:37

07/03/19 EB US-54 at SB I-235 1645 hrs (2:30)
 07/18/19 WB US-54 at Washington 0800 hrs (2:05)

Total Crashes by Highway

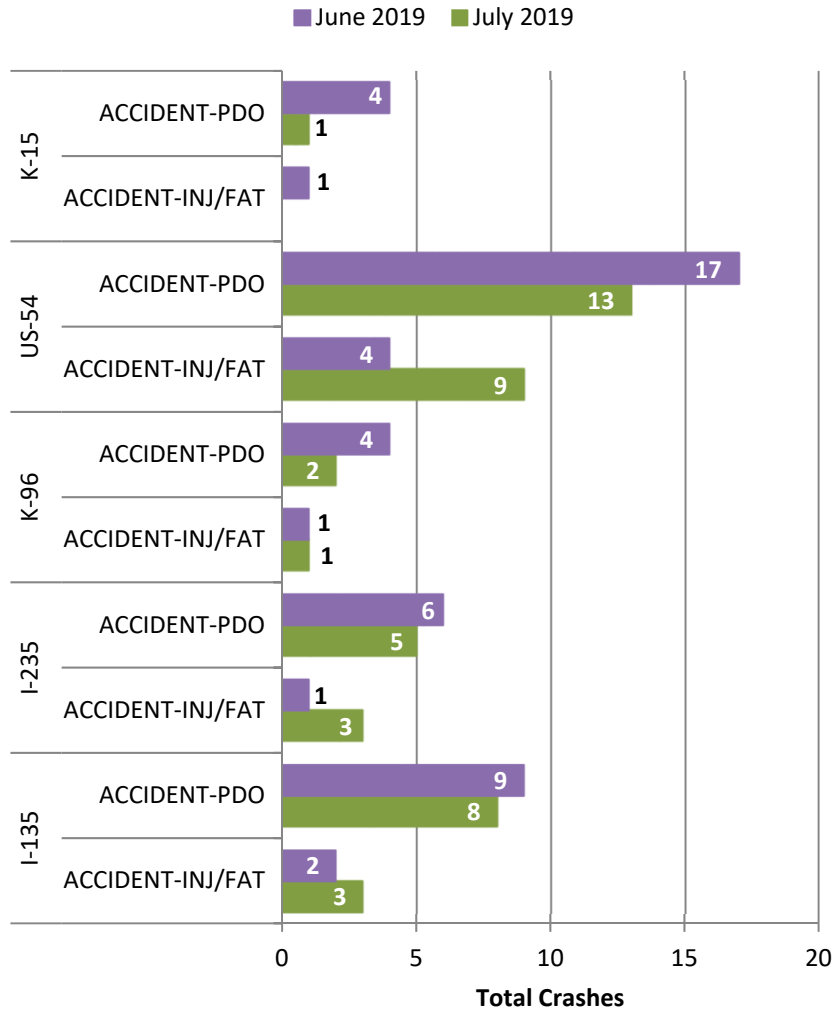


Figure 3: Total Crashes by Highway. Crashes are broken out by “Injury/Fatality” and “Property Damage Only”.

Crash Clearance Time by Highway

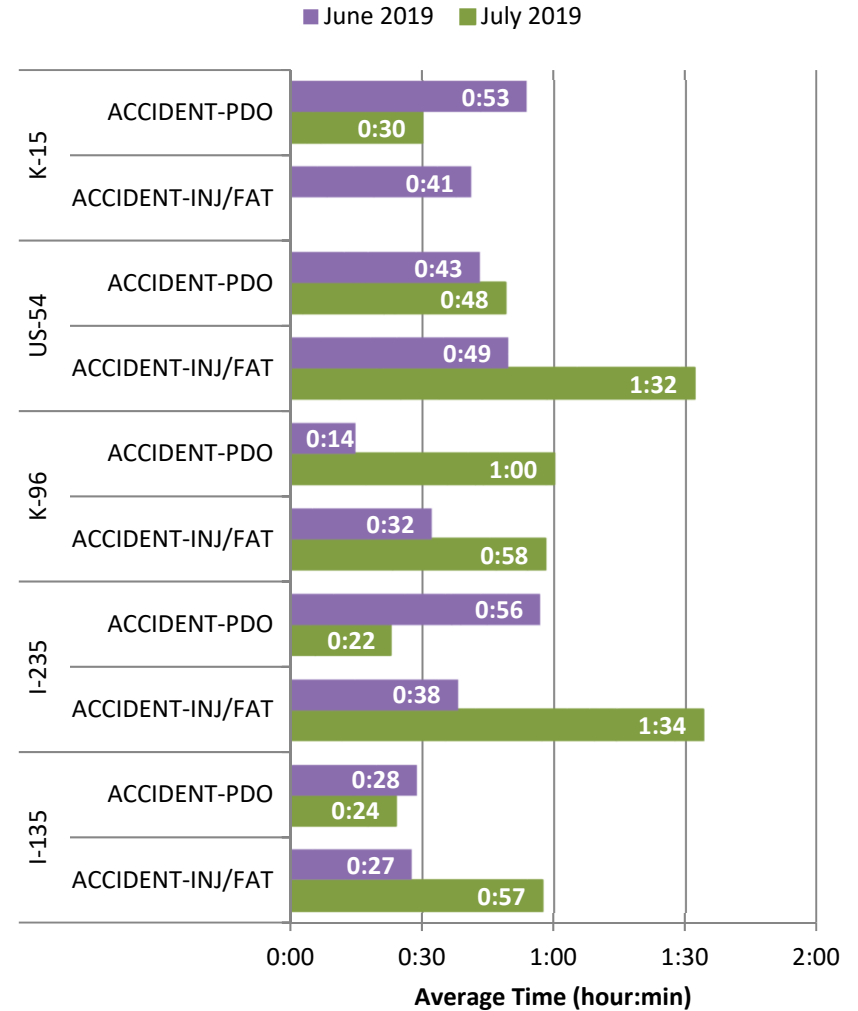
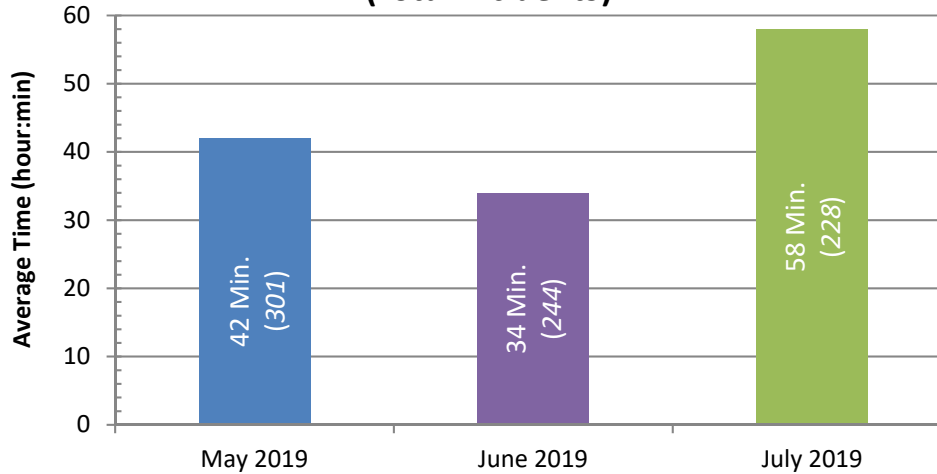


Figure 4: Average Crash Clearance Time by Highway. Crashes are broken out by “Injury/Fatality” and “Property Damage Only”.

Average Incident Clearance Time by Month (Total Incidents)



In the month, a total of **3 secondary crashes** were reported. Secondary crashes comprised **6.7% of logged crashes**. Secondary crashes are additional crashes resulting from the original incident.
Last Month: 3 crashes, 6.1%

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

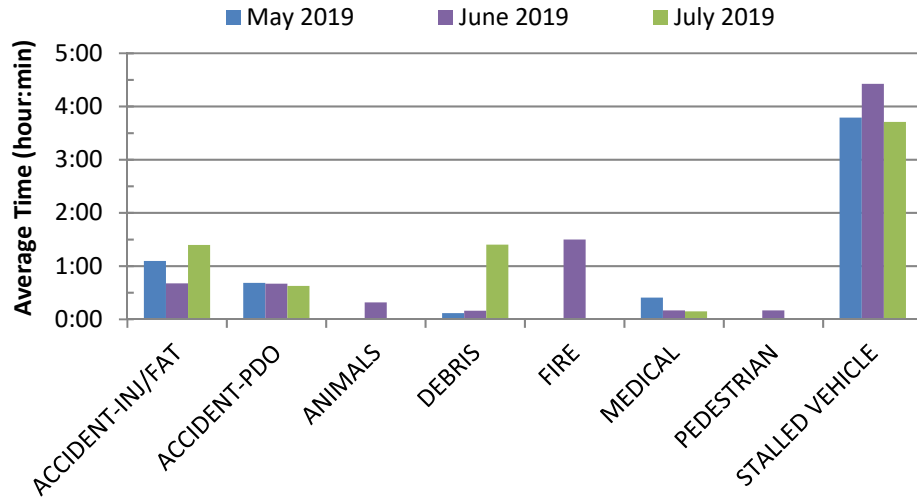


Figure 6: Average Incident Clearance time by type for the last 3 months. Construction and tow events excluded for clarity.

Average Incident Clearance Time by Year

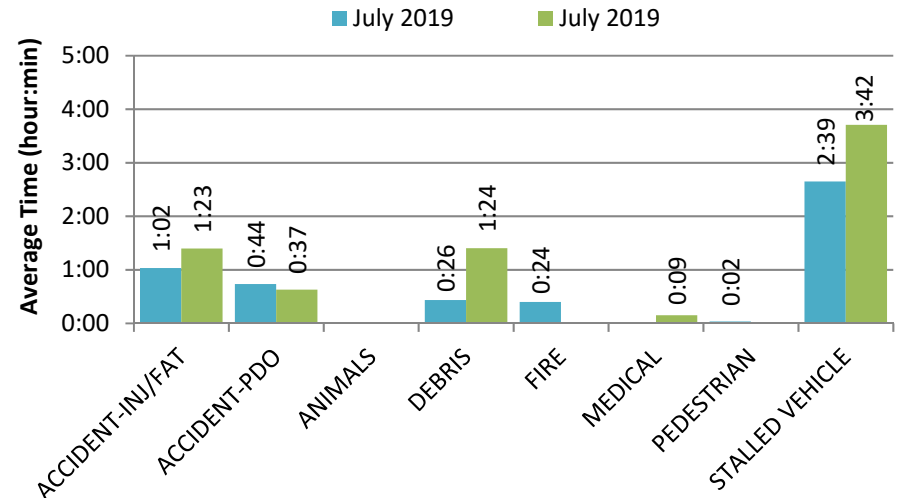


Figure 7: Average Incident Clearance time (2019 vs. 2018). Construction and tow events excluded for clarity.

Posted DMS by Time of Day

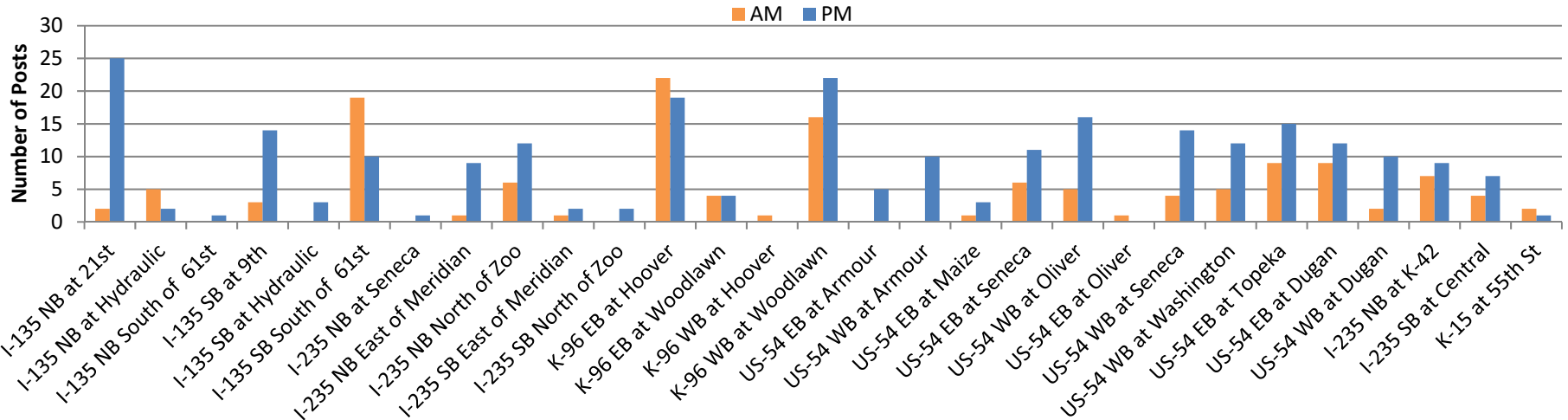


Figure 8: Number of posted messages per DMS by AM and PM hours

Posted Incidents by Type & Time of Day

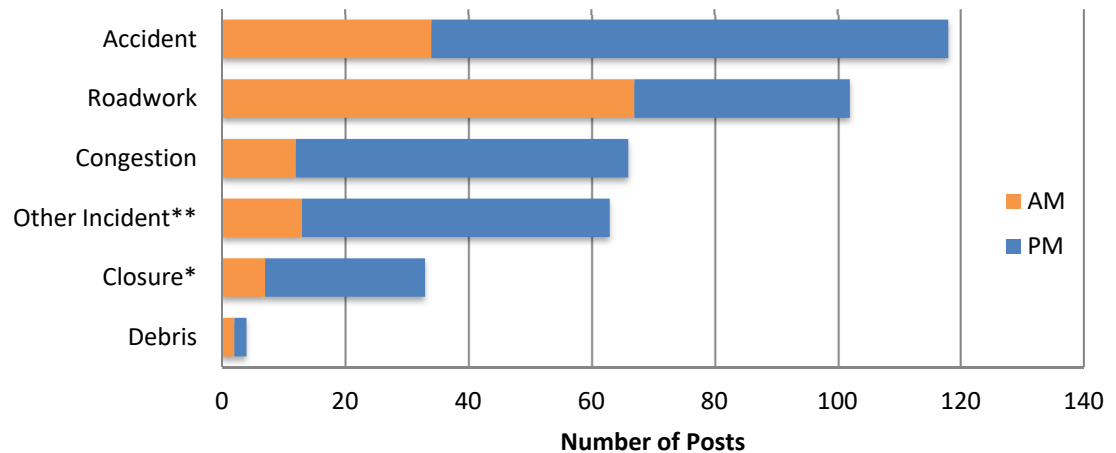


Figure 9: Posted incidents by type and AM/PM hours

Dynamic Message Sign (DMS) Utilization

WICHway utilizes 30¹ permanent DMS. In the month, a total of **386 messages** were posted. **97%** of DMS were used at least once for an incident.

¹Note: One (1) DMS was temporarily removed from NB I-235 at Seneca on July 19, 2019 for construction in the area (Green Project). The DMS will be reinstalled in August 2019.

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.