

Wichita TMC Support- Monthly Incident Report for May 2016

There were a total of 196 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.

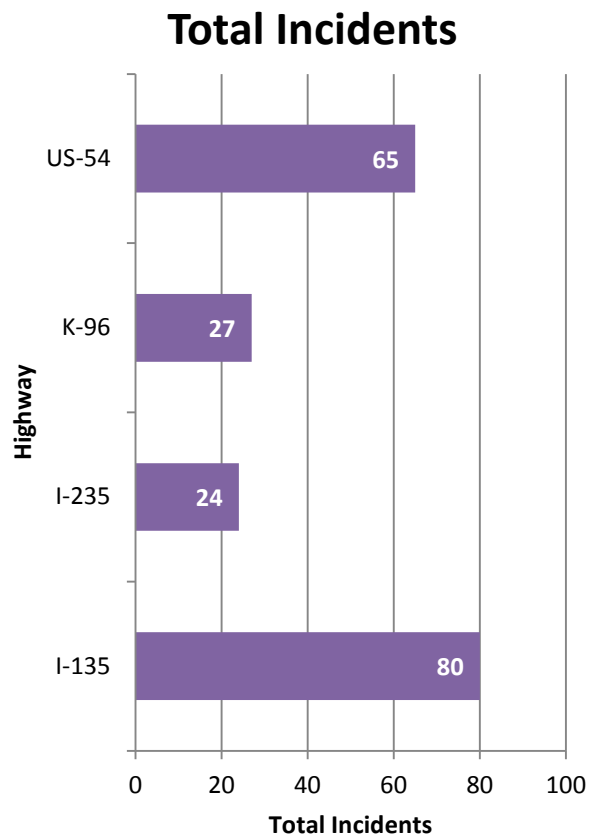


Figure 1: Total incidents by Highway

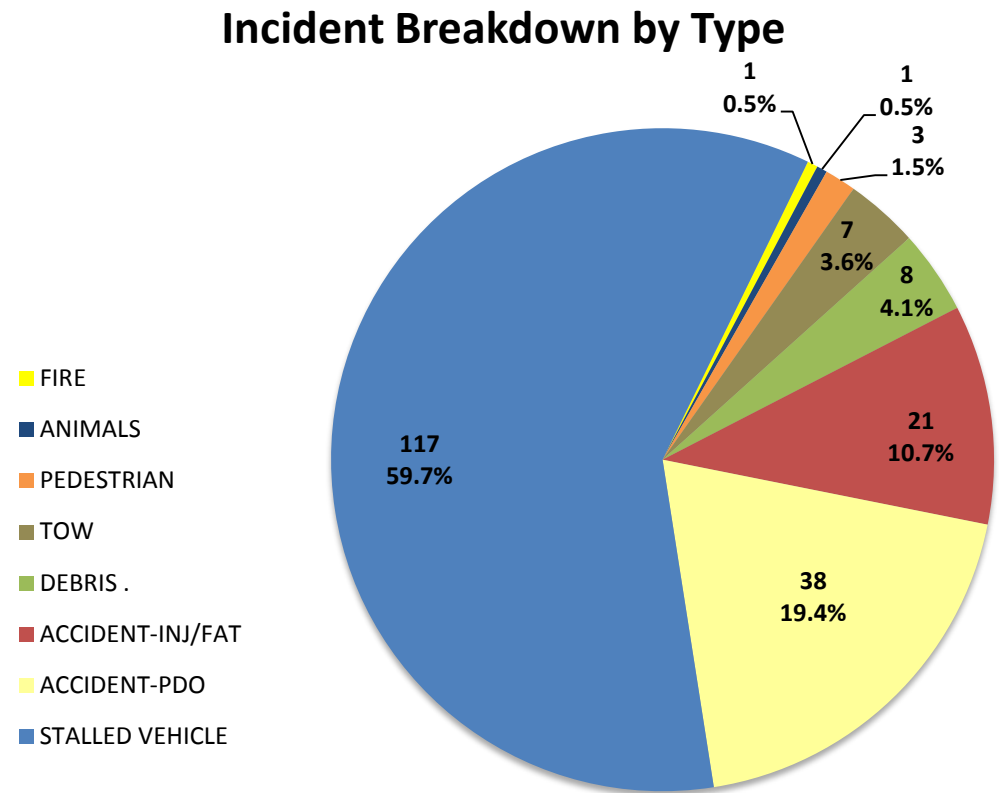
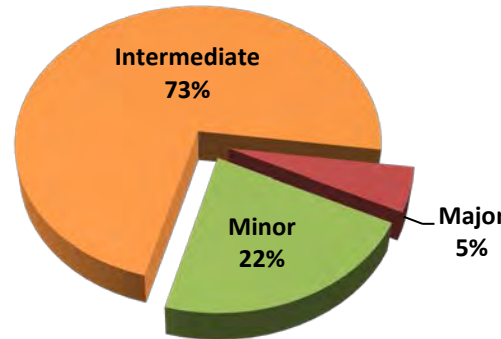


Figure 2: Number and percentage of actively logged incidents in MIST for the report month broken out by type of incident.

Total Crashes by Severity



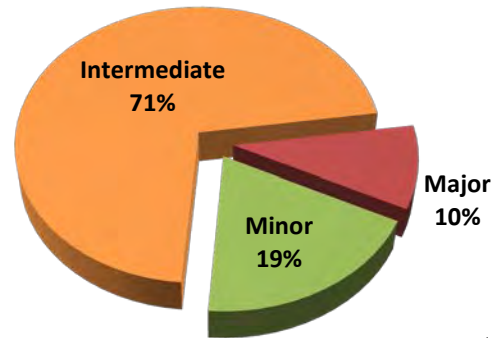
Severity	Total Crashes	Avg. Duration (hh:mm)
Minor	13	0:12
Intermediate	43	0:58
Major	3	3:13
Grand Total	59	0:55

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	4	0:17
Intermediate	15	0:54
Major	2	3:33
Grand Total	21	1:02

05/04/16 WB US-54 at Hillside. All lanes closed. 2:14
05/08/16 Motorcycle accident EB US-54 at I-135. 4:53

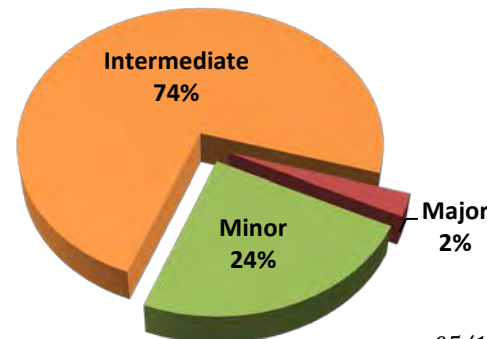
Severity Levels

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	9	0:09
Intermediate	28	1:00
Major	1	2:33
Grand Total	39	0:51

05/10/16 EB US-54 at SW Blvd. Crash moved to shoulder. 2:33

Total Crashes by Highway

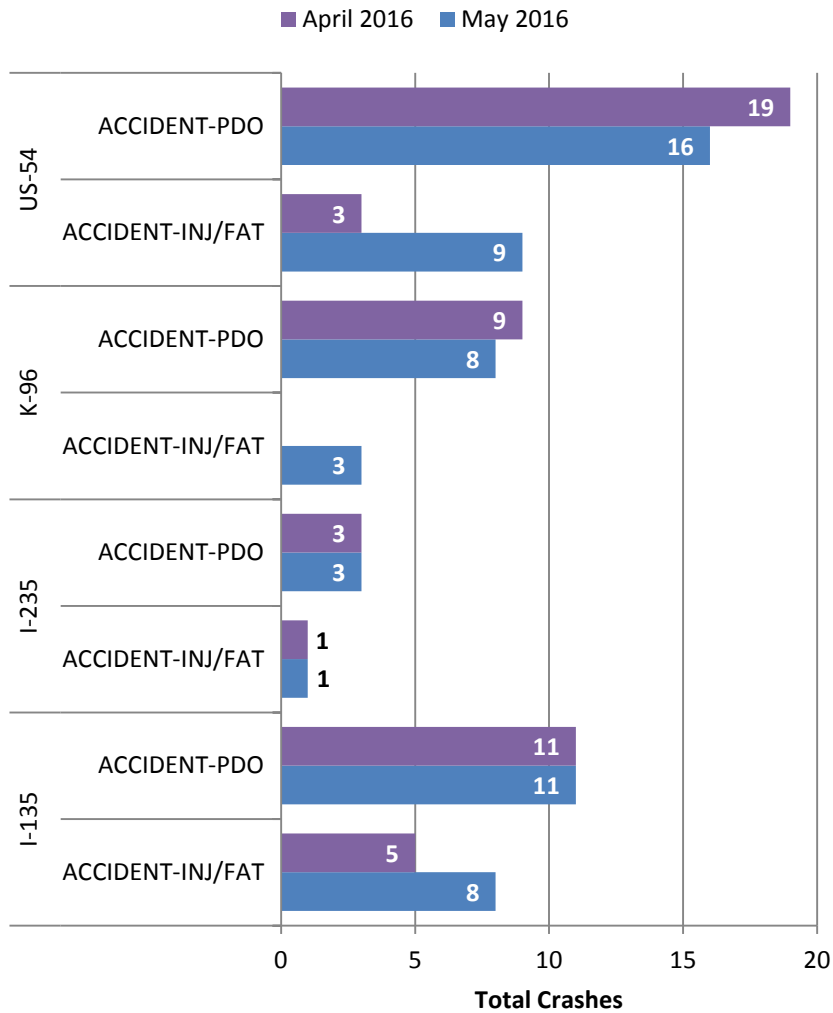


Figure 3: Total Crashes by Highway. Crashes are broken out by “Injury/Fatality” and “Property Damage Only”.

Crash Clearance Time by Highway

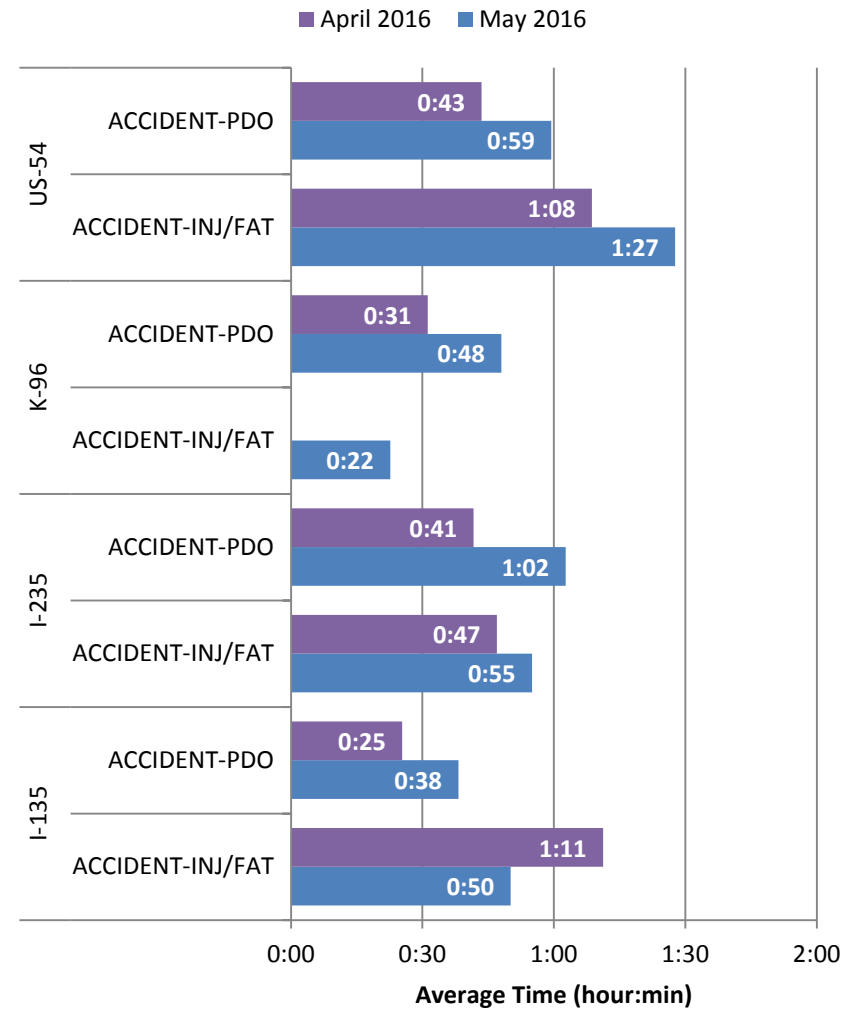


Figure 4: Average Crash Clearance Time by Highway. Crashes are broken out by “Injury/Fatality” and “Property Damage Only”.

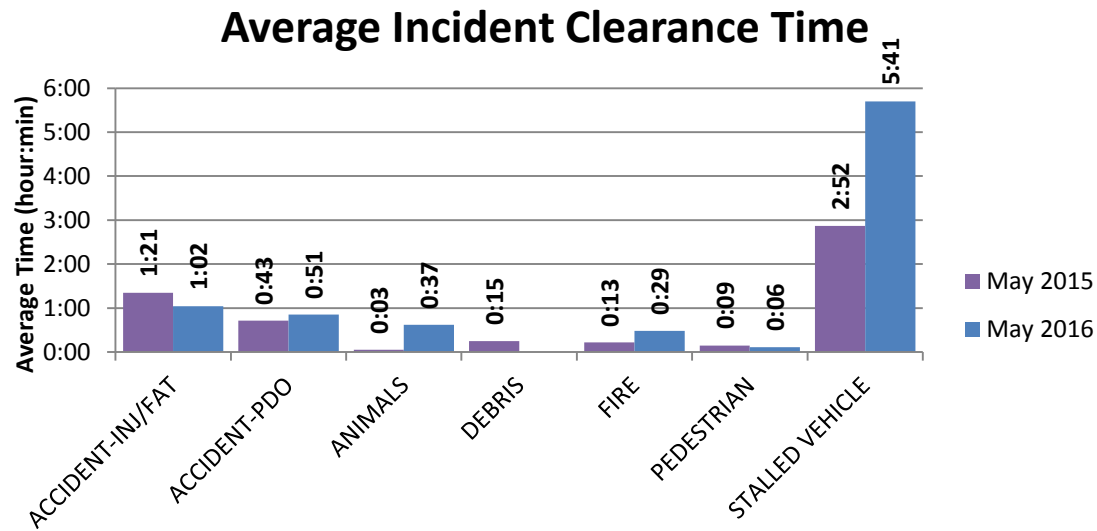


Figure 5: Average Incident Clearance time (2016 vs. 2015). Construction and tow events excluded for clarity.

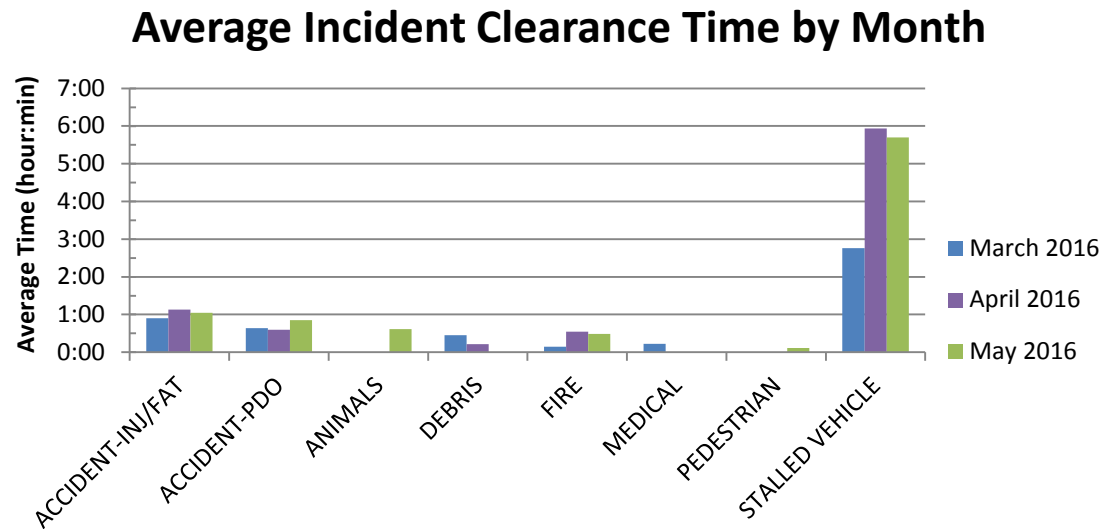


Figure 6: Average Incident Clearance time by type for the last 3 months. Construction and tow events excluded for clarity.

Posted DMS by Time of Day

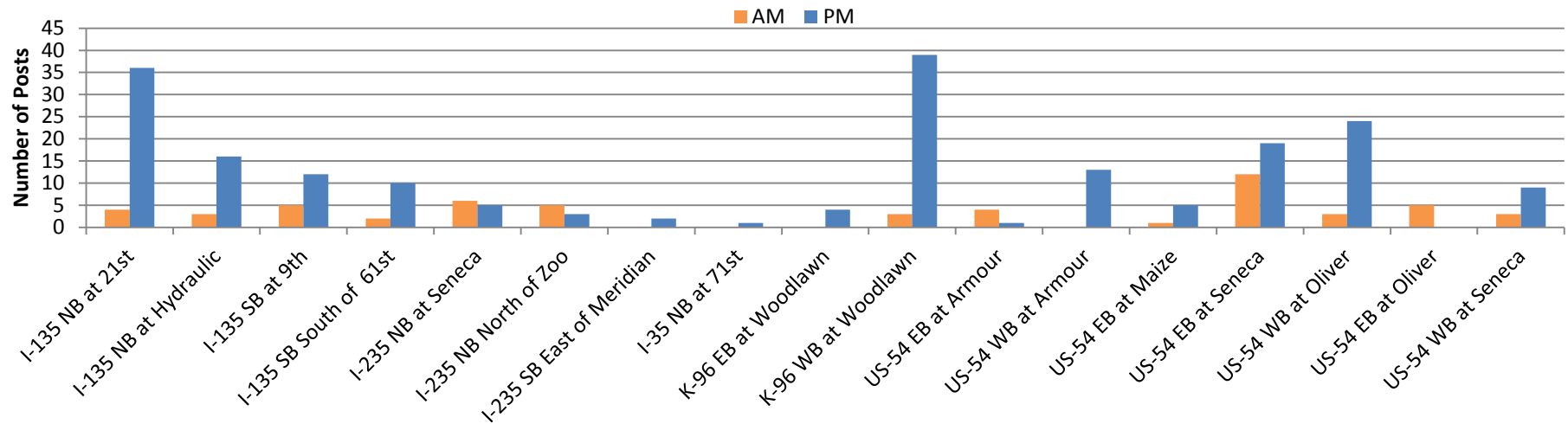


Figure 7: Number of posted messages per DMS by AM and PM hours.

Posted Incidents by Type & Time of Day

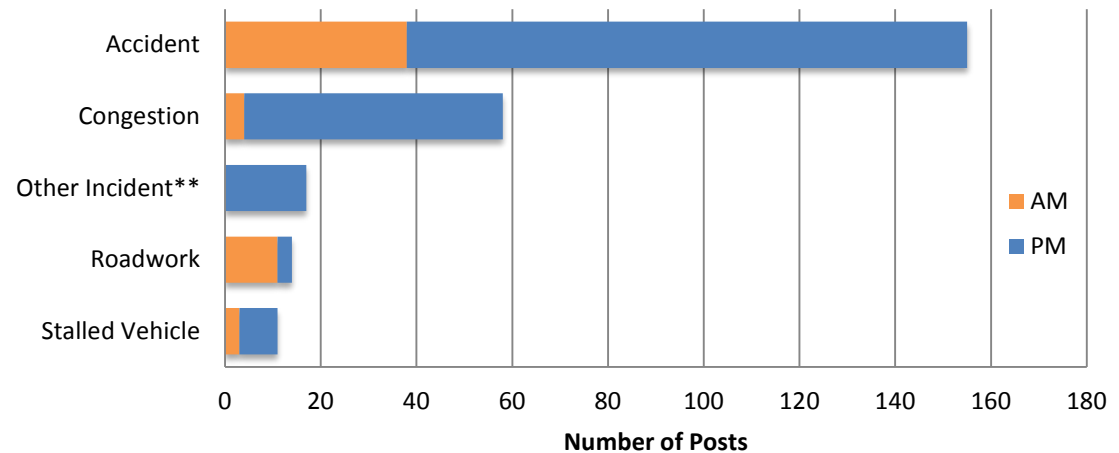


Figure 8: Posted incidents by type and AM/PM hours.

Dynamic Message Sign (DMS) Utilization

WICHway utilizes 23 permanent DMS. In April, a total of **255 messages** were posted. **74%** 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 may include but are not limited to stalled vehicles, fire, and medical incidents.