Wichita TMC Support- Monthly Incident Report for August 2016

There were a total of 189 actively logged incidents during the month. The Traffic Management Center (TMC) is actively staffed 6am to 7pm, Monday-Friday, but additional incidents August 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**

- **US-54**: 74 incidents
- **K-96**: 20 incidents
- **I-235**: 18 incidents
- **I-135**: 77 incidents

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

- **FIRE**: 1 incident (0.5%)
- **TOW**: 2 incidents (1.1%)
- **PEDESTRIAN**: 2 incidents (1.1%)
- **DEBRIS**: 4 incidents (2.1%)
- **ACCIDENT-INJ/FAT**: 16 incidents (8.5%)
- **ACCIDENT-PDO**: 32 incidents (16.9%)
- **STALLING VEHICLE**: 132 incidents (69.8%)
**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

**Severity Levels**

**Minor** – duration under 30 min.

**Intermediate** – duration of 30 min. to 2 hrs.

**Major** – duration greater than 2 hrs.

### Total Crashes by Severity

<table>
<thead>
<tr>
<th>Severity</th>
<th>Total Crashes</th>
<th>Avg. Duration (hh:mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minor</td>
<td>17</td>
<td>0:16</td>
</tr>
<tr>
<td>Intermediate</td>
<td>30</td>
<td>1:00</td>
</tr>
<tr>
<td>Major</td>
<td>1</td>
<td>2:31</td>
</tr>
<tr>
<td>Grand Total</td>
<td>48</td>
<td>0:46</td>
</tr>
</tbody>
</table>

### Injury/Fatality Crashes by Severity

<table>
<thead>
<tr>
<th>Severity</th>
<th>Total Crashes</th>
<th>Avg. Duration (hh:mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minor</td>
<td>2</td>
<td>0:14</td>
</tr>
<tr>
<td>Intermediate</td>
<td>13</td>
<td>1:06</td>
</tr>
<tr>
<td>Major</td>
<td>1</td>
<td>2:31</td>
</tr>
<tr>
<td>Grand Total</td>
<td>16</td>
<td>1:05</td>
</tr>
</tbody>
</table>

### Non-Injury Crashes by Severity

<table>
<thead>
<tr>
<th>Severity</th>
<th>Total Crashes</th>
<th>Avg. Duration (hh:mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minor</td>
<td>15</td>
<td>0:16</td>
</tr>
<tr>
<td>Intermediate</td>
<td>17</td>
<td>0:55</td>
</tr>
<tr>
<td>Grand Total</td>
<td>32</td>
<td>0:37</td>
</tr>
</tbody>
</table>

08/22/16 WB US-54 at Meridian. 2 vehicles. Right lane blocked. 2:31
Figure 3: Total Crashes by Highway. Crashes are broken out by “Injury/Fatality” and “Property Damage Only”.

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

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In the month, a total of 2 secondary crashes were reported. Secondary crashes comprised 4.2% of logged crashes. Secondary crashes are a crash resulting from a separate original incident.

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 (2016 vs. 2015). Construction and tow events excluded for clarity.
Dynamic Message Sign (DMS) Utilization

**WICHway** utilizes 23 permanent DMS. In the month, a total of **177 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 include but are not limited to stalled vehicles, fire, and medical incidents.**

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**WICHway**

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