Wichita TMC Support - Monthly Incident Report for April 2016

There were a total of 136 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.

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

- **Minor** – duration under 30 min.
- **Intermediate** – duration of 30 min. to 2 hrs.
- **Major** – duration greater than 2 hrs.

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**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

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**Total Crashes by Severity**

- **Minor** 41%
- **Intermediate** 59%

<table>
<thead>
<tr>
<th>Severity</th>
<th>Total Crashes</th>
<th>Avg. Duration (hh:mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minor</td>
<td>21</td>
<td>0:14</td>
</tr>
<tr>
<td>Intermediate</td>
<td>30</td>
<td>1:00</td>
</tr>
<tr>
<td>Grand Total</td>
<td>51</td>
<td>0:41</td>
</tr>
</tbody>
</table>

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**Injury/Fatality Crashes by Severity**

- **Intermediate** 100%

<table>
<thead>
<tr>
<th>Severity</th>
<th>Total Crashes</th>
<th>Avg. Duration (hh:mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intermediate</td>
<td>9</td>
<td>1:07</td>
</tr>
<tr>
<td>Grand Total</td>
<td>9</td>
<td>1:07</td>
</tr>
</tbody>
</table>

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**Non-Injury Crashes by Severity**

- **Minor** 50%
- **Intermediate** 50%

<table>
<thead>
<tr>
<th>Severity</th>
<th>Total Crashes</th>
<th>Avg. Duration (hh:mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minor</td>
<td>21</td>
<td>0:14</td>
</tr>
<tr>
<td>Intermediate</td>
<td>21</td>
<td>0:57</td>
</tr>
<tr>
<td>Grand Total</td>
<td>42</td>
<td>0:35</td>
</tr>
</tbody>
</table>
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”.

Prepared by TranSystems  Wichita TMC Incident Report- April 2016
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.
Dynamic Message Sign (DMS) Utilization

**WICHway** utilizes 23 permanent DMS. In April, a total of 217 messages were posted. 87% 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.