I-80 Corridor Analysis

Mary Craighead, AICP
Road & Bridge Conditions
Traffic Volumes

Traffic volumes increase approaching the east
Approximately 20 percent of total traffic volumes are comprised of trucks
Bridge Conditions

26% of bridges are “structurally deficient”
Sufficiency Rating = S1 + S2 + S3 - S4

Sufficiency Rating shall not be less than 0% nor greater than 100%
## Sufficiency Ratings

<table>
<thead>
<tr>
<th>Cross Street</th>
<th>Direction</th>
<th>Sufficiency Rating</th>
<th>Structurally Deficient</th>
<th>Avg Daily Traffic</th>
<th>% Truck</th>
</tr>
</thead>
<tbody>
<tr>
<td>Des Plains River &amp; US-6</td>
<td>WB</td>
<td>6.0</td>
<td>Yes</td>
<td>42,700</td>
<td>18%</td>
</tr>
<tr>
<td>Des Plains River &amp; US-6</td>
<td>EB</td>
<td>7.4</td>
<td>Yes</td>
<td>42,700</td>
<td>18%</td>
</tr>
<tr>
<td>Rowell Ave.</td>
<td>WB</td>
<td>27.9</td>
<td>Yes</td>
<td>35,550</td>
<td>23%</td>
</tr>
<tr>
<td>RR &amp; Gardner St</td>
<td>WB</td>
<td>36.0</td>
<td>Yes</td>
<td>36,900</td>
<td>23%</td>
</tr>
<tr>
<td>RR &amp; Gardner St</td>
<td>EB</td>
<td>34.6</td>
<td>Yes</td>
<td>36,900</td>
<td>23%</td>
</tr>
<tr>
<td>Midland Ave.</td>
<td>WB</td>
<td>49.0</td>
<td>Yes</td>
<td>34,750</td>
<td>21%</td>
</tr>
</tbody>
</table>

Source: IDOT Bridge Information System
Safety Concerns
Fatal Crashes

Ridge Road to US 30
Fatal Crashes

Ridge Road to US 30

17 fatal crashes between 2010 and 2017
Fatal Crashes

Route 47 to I-294

[Bar chart showing fatal crashes from 2010 to 2017]
Fatal Crashes

Route 47 to I-294

28 fatal crashes between 2010 and 2017
Recent Crashes

I-80 Joliet Has 6-Car Pileup: State Police

Investigators seek details in fatal I-80 crash in Joliet

Crash involving semi, motorcycle causing back-ups on eastbound I-80
Recent Crashes

I-80 multi-vehicle crash stops westbound traffic

Single Vehicle Fatal Crash On I-80 In Joliet

Minooka woman killed in I-80 crash
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Transportation Policy Analyst

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