Getting
Interstate Hourly Traffic Data
From the MIP

Presented by:
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Interstate Traffic Data

- Where does the data come from?
- What data is available?
- How do I get it?
- What does the report tell me?
Where does the data come from?

- **Short term counts - .PRN files**

- **Continuous count sites (ATR/WIM)**

- **Gathered in database with more than 2 million records**
What Data is Available?

- Hourly Traffic Volumes
- Directional Totals
- Cars and Trucks (FHWA Class 1-3, 4-13)
- Adjusted Passenger Car Equivalent Totals
- Seasonally Adjusted
- Growth Factors applied to give 2010 data
A word about Seasonal Adjustment

Seasonal Adjustment Factors are applied to counts collected in a given month to calculate the Annual Average Daily Traffic.
How Do I Get the Data?

Go to the “Traffic” tab on the Management Information Portal
How Do I Get the Data?

Select the type of data you’re interested in, Weekday or Weekend

- **Weekday Interstate Hourly Traffic Data**
  Business Purpose: Provide the most current applications for waivers from the Interstate Lane Closure Policy.

- **Weekend Interstate Hourly Traffic Data**
  Business Purpose: Provide the most current Weekend hourly Interstate Traffic Closure Policy.

- **List of Interstate Count Stations**
  Business Purpose: Provide a listing of Count Stations to facilitate determina
How Do I Get the Data?

Determine the Site Id you are interested in.

Available Resources

- List of Short Term Interstate Count Stations

<table>
<thead>
<tr>
<th>Route</th>
<th>Preceeding Exit</th>
<th>Preceeding_Cross_Road</th>
<th>Subsequent Exit</th>
<th>Subsequent_Cros_Road</th>
<th>WEEKDAY STATION</th>
<th>WEEKEND STATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>I 64</td>
<td>Begin</td>
<td>Illinois State Line</td>
<td>4</td>
<td>Griffin Road</td>
<td>970010</td>
<td>970030</td>
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<tr>
<td>I 64</td>
<td>4</td>
<td>Griffin Road</td>
<td>12</td>
<td>SR 165</td>
<td>970020</td>
<td>970030</td>
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<td>I 64</td>
<td>12</td>
<td>SR 165</td>
<td>18</td>
<td>SR 65</td>
<td>970030</td>
<td>970030</td>
</tr>
<tr>
<td>I 64</td>
<td>18</td>
<td>SR 65</td>
<td>25</td>
<td>US 41</td>
<td>970040</td>
<td>970030</td>
</tr>
<tr>
<td>I 64</td>
<td>25</td>
<td>US 41</td>
<td>29</td>
<td>I 164 / SR 57</td>
<td>970050</td>
<td>970050</td>
</tr>
<tr>
<td>I 64</td>
<td>29</td>
<td>I 164 / SR 57</td>
<td>39</td>
<td>SR 61</td>
<td>970060</td>
<td>970050</td>
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<tr>
<td>I 64</td>
<td>39</td>
<td>SR 61</td>
<td>54</td>
<td>SR 161</td>
<td>970070</td>
<td>970050</td>
</tr>
</tbody>
</table>

- Interchange .PDF files
  Found on Y: drive

Y:\TrafficManagement\waivers
How Do I Get the Data?

Enter the Site Id on the search tool and press “Go”
How Do I Get the Data?

In the case of a Weekday Report, you will get...

<table>
<thead>
<tr>
<th>Count Station No</th>
<th>Count Hour End Time</th>
<th>Total Volume</th>
<th>Total Cars</th>
<th>Total Trucks</th>
<th>NB or EB Car Count</th>
<th>NB or EB Truck Count</th>
<th>NB or EB Adjusted Total</th>
<th>SB or WB Car Count</th>
<th>SB or WB Truck Count</th>
<th>SB or WB Adjusted Total</th>
<th>Route</th>
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<tbody>
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<td>971250</td>
<td>1</td>
<td>656</td>
<td>487</td>
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<td>214</td>
<td>81</td>
<td>376</td>
<td>273</td>
<td>88</td>
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<td>2</td>
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<td>154</td>
<td>154</td>
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<td>166</td>
<td>84</td>
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</tr>
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<td>264</td>
<td>141</td>
<td>103</td>
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<tr>
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<td>70</td>
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<td>137</td>
<td>87</td>
<td>311</td>
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<tr>
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<td>232</td>
<td>149</td>
<td>125</td>
<td>65</td>
<td>255</td>
<td>108</td>
<td>84</td>
<td>275</td>
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<tr>
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<td>2</td>
<td>433</td>
<td>150</td>
<td>174</td>
<td>73</td>
<td>221</td>
<td>134</td>
<td>95</td>
<td>206</td>
<td>I-65</td>
<td></td>
</tr>
</tbody>
</table>
How Do I Get the Data?

In the case of a Weekend Report, you will get...

Weekend counts were collected for this site and they are reported.

OR

Only Weekday counts were collected at this site. The reported values are adjusted using Weekend Factors.
How Do I Get the Data?

What is a “Weekend?”

Traffic Statistics defines a weekend as the 72 hour period between 12:00am Friday morning and 12:00am Monday morning.
How Do I Get the Data?

In the case of a Weekend Report, you will get...

<table>
<thead>
<tr>
<th>Count Station No</th>
<th>Count Hr End Time</th>
<th>Weekend Day</th>
<th>Total Cars</th>
<th>Total Trucks</th>
<th>NB or EB Car Count</th>
<th>NB or EB Truck Count</th>
<th>NB or EB Adjusted Total</th>
<th>SB or WB Car Count</th>
<th>SB or WB Truck Count</th>
<th>SB or WB Adjusted Total</th>
<th>Route</th>
<th>Location Descr</th>
<th>Weekday Station</th>
<th>Weekend Station</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>972100</td>
<td>1 Friday</td>
<td>400</td>
<td>398</td>
<td>200</td>
<td>174</td>
<td>548</td>
<td>200</td>
<td>224</td>
<td>648</td>
<td>I-69</td>
<td>1.00 MIN OF SR 38</td>
<td>972100</td>
<td>972090</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>2</td>
<td>296</td>
<td>356</td>
<td>145</td>
<td>166</td>
<td>476</td>
<td>151</td>
<td>191</td>
<td>532</td>
<td>I-69</td>
<td>1.00 MIN OF SR 38</td>
<td>972100</td>
<td>972090</td>
</tr>
<tr>
<td>3</td>
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<td>154</td>
<td>426</td>
<td>173</td>
<td>278</td>
<td>729</td>
<td>I-69</td>
<td>1.00 MIN OF SR 38</td>
<td>972100</td>
<td>972090</td>
</tr>
<tr>
<td>4</td>
<td></td>
<td>4</td>
<td>326</td>
<td>361</td>
<td>103</td>
<td>164</td>
<td>430</td>
<td>223</td>
<td>198</td>
<td>619</td>
<td>I-69</td>
<td>1.00 MIN OF SR 38</td>
<td>972100</td>
<td>972090</td>
</tr>
<tr>
<td>5</td>
<td></td>
<td>5</td>
<td>614</td>
<td>389</td>
<td>110</td>
<td>204</td>
<td>519</td>
<td>503</td>
<td>184</td>
<td>872</td>
<td>I-69</td>
<td>1.00 MIN N</td>
<td>972100</td>
<td>972090</td>
</tr>
</tbody>
</table>
A word about Weekend Factors

Weekend Factors are developed from a nearby site for which both Weekday data and Weekend data is available.

\[
F_{\text{Friday}} = \frac{\text{Total Friday Volume}}{\text{Total Weekday Volume}}
\]

This factor is then multiplied by each Weekday hourly volume for the requested site to approximate the Friday Hourly Volumes.
How Do I Get the Data?

From here you can get details or export.

Details include adjustment factors and Functional Classification.

Export can be MS Excel.
What Does The Report Tell Me?

- Hourly 2010 AADT total and by direction (uses military 24 hour style)
- Car and Truck volumes
- Adjusted Totals applying a Passenger Car Equivalency Factor of 2.0
- Growth Factor applied to bring to 2010
Questions

Contact Information:

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