Impacts of COVID-19 on the Transportation System

• Aviation
  – TSA Checkpoint Travel Numbers

<table>
<thead>
<tr>
<th>Date</th>
<th>2020</th>
<th>2019</th>
<th>% Reduction</th>
</tr>
</thead>
<tbody>
<tr>
<td>4/14</td>
<td>87,534</td>
<td>2,208,688</td>
<td>96.0</td>
</tr>
<tr>
<td>5/18</td>
<td>244,176</td>
<td>2,615,691</td>
<td>90.7</td>
</tr>
</tbody>
</table>

  – Source: Transportation Security Administration

  – Reduction in flights (week ended 5/16/20 vs. same week from last year)

  • Total: 71 percent
  • Domestic: 68 percent
  • International: 91 percent

  – Source: Bureau of Transportation Statistics
Impacts of COVID-19 on the Transportation System

• Transit
  – Major reductions in ridership (vs. 2019)
    • Transit App Nationwide: 72% as of 5/20/20
    • Transit App DC Area: 77% as of 5/20/20
    • DC Metrorail: 94% reduction (5/19/20)
    • DC Metrobus: 73% reduction (5/19/20)

  – COVID-19 impacts on transit operators
    • WMATA: 90 cases (vs. 33 one month ago)
    • New York MTA: >140 COVID-19 deaths
Impacts of COVID-19 on the Transportation System

• Highway Travel
  – Personal travel reductions from Feb. 22-28, 2020
    • April 4-10, 2020 Nationwide: 48 percent
    • May 9-15, 2020 Nationwide: 25 percent
    • May 9-15, 2020 DC Area: 41 percent
  – Truck travel reductions from Feb. 22-28, 2020
    • April 4-10, 2020 Nationwide long haul: 9.6 percent
    • May 9-15, 2020 Nationwide long haul: 6.1 percent
    • May 2-8, 2020 Local metro area fleets: 8 percent
      – Source: INRIX U.S. National Traffic Volume Synopsis
Impacts of COVID-19 on the Transportation System

- Increase in highway speeds

<table>
<thead>
<tr>
<th>Location</th>
<th>Morning Rush Hour (8:00 am)</th>
<th>Afternoon Rush Hour (5:00 pm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>D.C.</td>
<td>+22%</td>
<td>+27%</td>
</tr>
<tr>
<td>San Francisco</td>
<td>+51%</td>
<td>+60%</td>
</tr>
</tbody>
</table>

Source: INRIX U.S. National Traffic Volume Synopsis
Impacts of COVID-19 on the Transportation System

Data from the five weeks following March 16:
- Use of cell phones: 38% increase
- Exceeding speed limit: 27% increase
- Hard braking: 25% increase
- Collisions/million miles: 20% increase
  - Source: Zendrive
Impacts of COVID-19 on the Transportation System

• Amtrak/Passenger Rail
  – Amtrak ridership down 95% as of 5/15/20

• Rail Freight for week ended 5/9/20
  – Total carloads: down 28.4%
  – Motor vehicles and parts: down 87.6%
  – Intermodal Units: down 16.0%
  – Total rail traffic: down 22.1%

• Maritime activity near top 10 ports: down 35% (week ended 5/9/20)