A RESOURCE FOR TRUCK PARKING SOLUTIONS!

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WHY TRUCK PARKING?

• Truckers need rest, rest is mandated.
• Not enough truck parking throughout the U.S., Maryland/I-95 is a hot spot.
• Trucks brought it!
• County, State, and National economic development depends on it.
• When trucks can’t park, it is a major safety issue.
• When trucks can’t park, it impacts:
  o Business bottom line
  o Jobs
THE LOCAL CHALLENGE

• Constituents do not want truck parking, do not understand the need.
• Lack of truck parking sometimes means trucks are parked in places constituents do not like (residential areas).
• Economic and institutional growth means more trucks.
  o More trucks means more issues with parking.
  o Trucks need delivery accommodations.
• Changes in land use types and trends (e.g. densification, multi-use) create spaces that need to be served by many trucks.
• Increases in delivery, e-commerce create increased need for delivery parking/stopping.
RESOURCES AVAILABLE

• MDOT’s Statewide Truck Parking Study
• Truck Parking Data Application
• Truck Parking Portal
• Emergency Truck Parking Options – for operational/law enforcement awareness
• Property availability information
• MDOT’s new INRIX Trips Truck Waypoint data
TRUCK PARKING APPLICATION

• MDOT SHA Truck Parking Analysis (arcgis.com)
TRUCK PARKING PORTAL

Maryland Emergency Truck Parking Locations

During 6+ inch snow storms, tractor trailer drivers may use several commuter park and ride lots for safe haven to ride out the storm instead of parking on ramps and roadsides. This initiative provides an alternative for truckers traveling during heavy storms. Green Parking symbols represent Regular Truck Parking and the Blue Parking symbols represent Emergency Truck Parking at park and rides lots for potential parking during storms.
EMERGENCY TRUCK PARKING
MDOT SHA INRIX TRIPS DATA PURCHASE

• Two years of Trips data for freight that provides:
  o Origin and Destination analytics (ability to understand key origins and destinations, as well as stopping points along the way).
  o Truck Waypoints useful in truck parking analytics.
  o Ability to look granularly at truck parking and bottlenecks around key freight generators to help improve logistics.
  o Statewide coverage.
UPCOMING MDOT SHA TRUCK PARKING WIDGET

• Web-based tool that allows for quarterly updates of truck parking use and demand information.
• Provides a visual of truck parking capacity and truck parking demand clusters.
### Example Output: Quarter Statistics for Parking Duration

<table>
<thead>
<tr>
<th>Parking Duration</th>
<th>Total Count</th>
<th>In Parking Lot</th>
<th>On Ramp</th>
<th>On Ramp Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>less than 1 hour</td>
<td>10638</td>
<td>8603</td>
<td>2035</td>
<td>19%</td>
</tr>
<tr>
<td>1-3 hours</td>
<td>2425</td>
<td>1928</td>
<td>497</td>
<td>20%</td>
</tr>
<tr>
<td>3-10 hours</td>
<td>2276</td>
<td>1762</td>
<td>514</td>
<td>23%</td>
</tr>
<tr>
<td>more than 10 hours</td>
<td>2137</td>
<td>1482</td>
<td>655</td>
<td>31%</td>
</tr>
</tbody>
</table>

**Rest Time**
- less than 1 hour
- 1-3 hours
- 3-10 hours
- longer than 10 hours
EXAMPLE: PARKING TRENDS, LAUREL NORTHBOUND AND SOUTHBOUND
EXAMPLE: ORIGINS AND DESTINATIONS OF LESS THAN 1 HOUR RAMPS TRUCKS, NORTHBOUND
BOWMAN DEVELOPMENT – TRUCK PARKING

www.bowmandevelopment.com
FOR MORE INFORMATION

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