


**Table 14. Upgrade parking areas and loading docks.**

<b>Initiative 13: Upgrade Parking Areas and Loading Docks</b>	
<b>Description:</b> Redesigning docks to accommodate the geometric space needs of current and future trucks and to provide adequate parking. May involve updating or changing design standards to provide better access or egress to buildings to accommodate delivery vehicles.	
<b>Targeted mode:</b> Large traffic generators/urban deliveries	<b>Geographic scope:</b> Point
<b>Type of initiative:</b> Parking/loading areas management: off-street parking and loading	<b>Primary objective:</b> Improve inadequate infrastructure
<b>Expected costs and level of effort to implement:</b> Changing design standards and building/zoning codes will not be costly. Retroactively updating existing loading docks or constructing larger loading docks will be expensive.	
<b>Advantages:</b> <ul style="list-style-type: none"> <li>• Reduces congestion</li> <li>• Environmental sustainability</li> <li>• Enhances safety</li> <li>• Improves mobility</li> <li>• Improves inadequate infrastructure to accommodate geometric needs</li> <li>• Low probability of unintended consequences</li> </ul>	<b>Disadvantages:</b> <ul style="list-style-type: none"> <li>• Requires private-sector acceptance</li> <li>• May require high capital investment</li> <li>• May require additional space</li> </ul>
<b>Examples:</b> <ul style="list-style-type: none"> <li>• New York City, New York, United States; Boston, Massachusetts, United States; San Francisco, California, United States (Wilbur Smith Associates 2012)</li> <li>• Urban Investment Research Corporation (UIRC), Chicago, Illinois, United States</li> </ul> <div style="text-align: center;">  </div> <p style="text-align: center;">Source: Rensselaer Polytechnic Institute – CITE</p>	
<b>Related alternatives:</b> 1. <a href="#">Ramps for Handcarts and Forklifts</a> ; 2. <a href="#">Freight Parking and Loading Zones</a> ; 3. <a href="#">Loading and Parking Restrictions</a> ; 4. <a href="#">Enhanced Building Codes</a>	
<b>References:</b> Ogden 1992; START 2009; SUGAR 2011; Wilbur Smith Associates 2012	