




Table 11. Vehicle parking reservation systems.

Initiative 10: Vehicle Parking Reservation Systems	
Description: An initiative that allows drivers to schedule or reserve curbside parking space	
Targeted mode: Large traffic generators	Geographic scope: Point
Type of initiative: Parking/loading areas management: on-street parking and loading	Primary objective: Improve inadequate infrastructure
Expected costs and level of effort to implement: The planning process requires administrative and management coordination with freight carriers, shippers, and receivers; the implementation requires strict law enforcement. Moderate costs are associated with the intelligent transportation systems (ITS), web-cam monitoring, and enforcement. Changing policy and adding appropriate signage will be minor costs; enforcement of parking during peak hours will add costs.	
Advantages: <ul style="list-style-type: none"> • Reduces congestion • Environmental sustainability • Reduces vehicle-miles traveled • Enhances safety • Low probability of unintended consequences 	Disadvantages: <ul style="list-style-type: none"> • Requires enforcement • Requires private-sector acceptance • May require additional parking space due to high demand
Examples: <ul style="list-style-type: none"> • I-5 Corridor, California, United States (Shaheen 2013) • Toyota City, Japan • Bordeaux, France <div style="display: flex; justify-content: space-around; align-items: center;">    </div> <p>Source: (PIARC 2012).</p>	
Related alternatives: 1. Timesharing of Parking Spaces ; 2. Improved Staging Areas ; 3. Parking Pricing ; 4. Real-Time Information System	
References: PIARC 2012; Shaheen 2013	