

Table 1.2. User Services in the National ITS Architecture

User Services Bundle	User Services
Travel and Transportation Management	<ul style="list-style-type: none"> <li>! En-Route Driver Information</li> <li>! Route Guidance</li> <li>! Traveler Services Information</li> <li>! Traffic Control</li> <li>! Incident Management</li> <li>! Emissions Testing and Mitigation</li> <li>! Demand Management and Operations</li> <li>! Pre-trip Travel Information</li> <li>! Ride Matching and Reservation</li> <li>! Highway Rail Intersection</li> </ul>
Public Transportation Operations	<ul style="list-style-type: none"> <li>! Public Transportation Management</li> <li>! En-Route Transit Information</li> <li>! Personalized Public Transit</li> <li>! Public Travel Security</li> </ul>
Electronic Payment	<ul style="list-style-type: none"> <li>! Electronic Payment Services</li> </ul>
Commercial Vehicle Operations	<ul style="list-style-type: none"> <li>! Commercial Vehicle Electronic Clearance</li> <li>! Automated Roadside Safety Inspection</li> <li>! On-board Safety Monitoring</li> <li>! Commercial Vehicle Administration Processes</li> <li>! Hazardous Materials Incident Response</li> <li>! Freight Mobility</li> </ul>
Emergency Management	<ul style="list-style-type: none"> <li>! Emergency Notification and Personal Security</li> <li>! Emergency Vehicle Management</li> </ul>
Advanced Vehicle Control and Safety Systems	<ul style="list-style-type: none"> <li>! Longitudinal Collision Avoidance</li> <li>! Lateral Collision Avoidance</li> <li>! Intersection Collision Avoidance</li> <li>! Vision Enhancement for Crash Avoidance</li> <li>! Safety Readiness</li> <li>! Pre-Crash Restraint Deployment</li> <li>! Automated Highway System</li> </ul>