

**Appendix D: COMPLIANCE MATRIX (Complete one form for each product offered)**

**Vendor:**

**Product Type: Transponder or Reader**

**Model Number:**

#	TECHNICAL REQUIREMENT	COMPLIANCE			Vendor Comment
		Yes	No	Not Applicable	
<b>3.</b>	<b>GENERAL TRANSPONDER TECHNOLOGY REQUIREMENTS</b>				
3.1	Ready to Manufacture and Deliver				
3.2	Radio Frequencies				
3.3	Dedicated Short Range Communication Protocols (DSRC) Supported by Product				
	Super eGo®				
	American Trucking Association (ATA)				
	ASTM Draft v.6				
	ISO 18000 6C				
	IEEE 802.11p/IEEE 1069				
3.4	Certification of Compliance with DSRC Protocols				
3.5	Toll Lane Configurations				
3.6	Transponder Technology Performance Requirements				
3.6.1	Detection Rate				
3.6.2	DSRC Communication Bit Error Rate (BER)				
3.6.3	Write Accuracy				
3.7	Working Environment				
3.8	Security				
3.9	Regulatory Compliance				
3.10	Safety Requirements				
3.11	Compliance with Requirements				
<b>4.</b>	<b>GENERAL TRANSPONDER REQUIREMENTS</b>				
4.1	Read and Write Capabilities				
4.2	Transponder Data Format				
4.3	Power				
4.4	Consumer Product Safety				
4.5	Size				
4.6	Environmental Requirements				
4.7	Bar Code				
4.8	Transponder Branding				
4.9	Shipping				
4.10	Disposal				
<b>5.</b>	<b>TRANSPONDER TYPES TO BE SUPPLIED</b>				
5.1	Interior Sticker Transponder				
5.2	Interior Hard Case Transponder				
5.3	Interior High Occupancy Vehicle (HOV) Self Declaration Transponder				
5.4	Exterior Transponder				
5.5	Transponder Disabling Requirements				
5.5.1	Sticker Transponder				
5.5.2	Hard Case Transponder				
5.6	Mounting Bracket and Strips				

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		Yes	No	Not Applicable	
5.6.1	Interior Mount Transponders				
5.6.2	Exterior Mount Transponders				
5.7	Battery (As Applicable)				
<b>6.</b>	<b>READERS</b>				
6.1	Number of Protocols Supported				
6.2	FCC Requirements				
6.3	Reader Software and Firmware				
6.4	Storage Capacity				
6.5	Mean Time Between Failures				
6.6	Diagnostic Capabilities				
6.7	Interface to Reader				
6.8	Location				
6.9	Cabling				
6.10	Power Requirements				
6.11	Environmental Requirements				
6.12	Lightning Protection				
6.13	Shipping				
6.14	Disposal				
6.15	Reader Enclosure				
6.16	Handheld Reader				
<b>7.</b>	<b>ANTENNA (AS APPLICABLE)</b>			NA	
<b>8.</b>	<b>WARRANTY</b>				
<b>9.</b>	<b>DOCUMENTATION</b>				
9.1	Regulatory Compliance				
9.2	Compliance with DSRC Protocols				
9.3	Reader				
9.3.1	Operating Instructions Manual				
9.3.2	Interface Control Document (ICD)				
9.3.3	Radio Communication Footprint				
9.3.4	Maintenance Manual				
9.4	Security Scheme				
9.4.1	Transponder Memory Map				
9.4.2	Transponder Password (As Applicable)				
9.4.3	Authenticator Calculation (As Applicable)				