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(31) Priority Document No	:NA	(72)Name of Inventor : 1)Pardeep Kumar
(32) Priority Date	:NA	2)Sarabjit Singh
(33) Name of priority country	:NA	3)Kushdeep Singh
(86) International Application No	:NA	4)Anikate Gupta
Filing Date	:NA	5)Kuldeepak Saini
(87) International Publication No	: NA	6)Arvind Kumar
(61) Patent of Addition to Application	:NA	7)Sirjandeep Singh
Number	:NA	8)Ashok Kumar
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(57) Abstract :

A vehicle and pedestrian management system for roads including a platform 1 arranged over a road surface and integrated with an image-capturing-module 2 for determining number of pedestrian waiting to cross road on both side, a pair of radar-sensor 3 fabricated on each side of platform 1 to measure speed and size of vehicle, a pair of telescopic-rod 4 installed beneath each platform 1 to attain height based on vehicle size for easy passage of vehicle and pedestrians, a holographic-projector 5 integrated on platform 1 projects image of crossing pedestrian to slow down speed of vehicle, a hinge-joint 6 incorporated at front side of platform 1 facing towards approaching vehicle that flips to form blockade and block traffic to provide safe path for pedestrian and multiple airbags 7 configured to flip side of platform 1 to prevent damage and injury caused to vehicle and passenger respectively.

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