SR.NO	TITLE	AUTHOR	YEAR	INFERENCE
1.	**Advances in smart roads for future smart cities**	1.Chai K. Toh 2.Julio A. Sanguesa 3.Juan C. Cano 4.Francisco J. Martinez	Published:**22 January 2020**	In this paper, they will discuss the current state, developments, and some of the emerging advances in transportation technologies and how these advances in smart roads will prepare the society towards the realization of future smart cities.
2.	**Improving Road Safety with Intelligent Transportation Systems**	1. Kelly Borden 2. Marc LaBahn 3. Matthew Milliken 4. Solomon Phoenix Ortega	12 October 2017	The goal of our project was to work with the New Mexico Department of Transportation (NMDOT) Intelligent Transportation Systems (ITS) Bureau to propose current and future ITS solutions to decrease fatalities in areas with high crash frequency, or hotspots, in NMDOT Districts 3 and 5. We accomplished this by utilizing ArcGIS maps to locate hotspots, interviewing professionals, and visiting these locations. We composed and analyzed a compilation of ITS

				solutions the NMDOT could potentially utilize in the future to improve traffic safety within the state, as well as recommended specific solutions that would best address the hotspots
3.	**Improving Road Safety through Rapid Incident Detection and Response**	1. Ferre 2. Jerome	**Publication Date:** 2008	This paper explores some of the variety of physical improvements and technology that SAPN has used to maximize road safety. SAPN regularly conducts reviews of accidents and of the safety of its infrastructure, a process that has identified three specific situations as particularly problematic: ghost drivers who enter the motorway driving in the wrong direction or drivers who turn around at mainline toll stations in an attempt to avoid paying the toll charge; spillback of queues at motorway exits onto the main roadway; and stopped vehicles in zones lacking a hard shoulder..

4.	**Internet-of-Things-Based Smart Transportation Systems for Safer Roads**	Mohammad Derawi; Yaser Dalveren; Faouzi Alaya Cheikh	02-16 June 2020	In this context, this study presents a literature review that elaborates the existing IoT-based smart transportation systems especially in terms of road safety. In this way, the current state of IoT-based smart transportation systems for safer roads are provided. Then, the current research efforts undertaken by the authors to provide an IoT-based safe smart traffic system are briefly introduced. It is emphasized that road safety can be improved using Vehicle-to-Infrastructure (V2I) communication technologies via the cloud (Infrastructure-to-Cloud – I2C). Therefore, it is believed that this study offers useful information to researchers for developing safer roads in smart cities.

5.	**An Intelligent Real Time Road Sign System**	1.Adnan shaout; 2.Ali Hassani	13 February 2020	The embedded system additionally sampled a digital temperature and humidity sensor to note road conditions, where an external input allowed operators to provide a real time update when an unexpected event causes traffic (i.e. vehicle collision) or when the road has been cleared. System requirements, design, implementation details, and performance evaluation are included.