

1.3.2 Use of Geospatial Information Systems in the Intelligent Transportation Systems and Connected Vehicle Environment

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The key technologies that are needed to support Intelligent Transportation Systems (ITS) are Wireless Communications, Positioning, and Mapping. This paper will focus on Mapping technologies and describe how ITS applications will utilize Mapping technologies and what the requisite performance characteristics are needed from Mapping solutions. This paper will briefly outline the various Mapping technologies that can be utilized for Map creation and describe how the various technologies align against the needs of the ITS applications.