

Prepared For



U.S. Department
of Transportation

**Federal Highway
Administration**



Alexandria Regional ITS Architecture

ADDENDUM

Prepared By



FINAL
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Introduction

A comprehensive review of the regional intelligent transportation systems (ITS) architecture is recommended every five years. The Louisiana Department of Transportation and Development (LADOTD) requested addendum updates to the Alexandria Regional ITS Architecture document which was developed in August 2012. The purpose of this addendum is to provide additional documentation of the updates required for the regional ITS architecture. This addendum therefore documents significant changes required to be made to the architecture so that project deployments are relevant and emerging needs are met. The following are the addendum updates that are required for the Alexandria Regional ITS Architecture document.

Long Range Transportation Plan

The LRTP model updates will be done this fall (2015). This will inform the needs in the area and any subsequent change to the proposed projects can be identified and documented.

Projects

The proposed motorist assistance patrol (MAP) service stopped because funding for the local match was not available. New funding sources are being pursued for this program. At the next MPO meeting scheduled for August 2015, MAP will be considered and the MPO staff is confident funding will be allocated for implementation of the program. The new LADOTD MAP contract will address MAP service in the Alexandria area.

Signal controllers are expected to be upgraded on all state routes to Naztec's new ATC controllers. This is being done in anticipation of management of signals from a traffic operations center. The time frame for implementation of this project is 1-3 years.

Construction for the proposed regional traffic management center (TMC) is expected to begin in the next 2-3 years. Bond funds are being pursued for construction of this TMC.

MAP-21 Rating

The rating carried out by FHWA shows that the following areas need improvements:

1. Implementation of SMART (specific, measurable, agreed, realistic, time-bound) objectives
2. Freight profile, and
3. Environmental justice