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Office of Transportation System Management  
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September 2, 2014

Mr. Kris Riesenber  
FHWA Minnesota Division  
380 Jackson St., Suite 500  
St. Paul, MN 55101

Subject: Request for use of 100% SP & R Funds

Dear Mr. Reisenberg:

The Minnesota Department of Transportation requests approval to use 100% SP & R Funds for the following Minnesota Lead project/solicitation.

#### New Project Solicitation

#### **Enhancements to the Intelligent Construction Data Management System (Veda) and Implementation**

Using ICDM-Veda as a tool/platform, the objectives of this effort are to enhance features such as the following: analysis platforms (e.g., filtering, computations, modeling, etc.); management of database and project files (background structure); mapping (e.g., mapping performance/caching-decimation, print feature, etc.); correlation analyses (correlations between different data sets [e.g., intelligent compaction, thermal profiling, GPR, pavement smoothness, FWD, Density, etc.]); spot tests (management of conventional spot test data [import, filtering, mapping, correlations]); data import and mapping (import data sets from ProVAL, ground penetrating radar, delimited text data), contract administration (automated items [data import/mapping, acceptance, basis of measurement] needed to administer geo-spatial technologies during construction for QC/QA).

A funding level of \$550,000 is proposed with \$25,000 from approximately 6 states over three years, in addition to \$100,000 requested from MnDOT. However, we are confident that there is sufficient interest from additional states to surpass the requested funding level and understand there is support from the FHWA as well

Enclosed for your review is a copy of the complete proposal. Thank you for your consideration of the request and we look forward to your favorable concurrence.

If you have any questions, please contact Deb Fick at (651) 366-3759 or [deb.fick@dot.state.mn.us](mailto:deb.fick@dot.state.mn.us)

Sincerely,

Linda K Taylor, PE  
Director, Mn/DOT Research Services and Library

Enc  
LKT/df

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