

Technology Deployment Initiatives and Partnership Program
Request for Funding
FY 2002

FHWA Strategic Goal Area: Safety

Project Title: Interactive Highway Safety Design Model

Problem Statement: An Interactive Highway Safety Design Model (IHSDM) is being developed with GEOPAK, the design CADD system used by FLH. This model is used to evaluate designs against safety standards and practices to highlight areas for improvement and alternative considerations. The system is currently in the beta testing stage and is expected to be operational in 2002. FLH is a partner in the development and should be one of the early users deploying the model system on appropriate project designs.

Proposal: Implement the IHSDM on appropriate project designs. Showcase the deployment for widespread use in the government and private sector.

Benefits: Ability to evaluate safety elements of projects during design, for improved designs and verification of standard applications.

Resources/Cost: \$100,000 includes software, hardware upgrades, and training.

Duration: Upgrade in phases as training and budgets allow over 2 years.

Organization/Method: Training and implementation by the vendor and under the direction of the CADD Support Operator and the GEOPAK Coordinator.

Submitter:

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