



## Federal Funding Options for Bridge and Highway Improvement

### Summary

Cargill SafeLane™'s anti-icing technology can save lives and budgets, protect bridges, surfaces and infrastructure, and reduce chemical usage. The [Federal Highway Administration](#) and [U.S. Department of Transportation \(USDOT\)](#) administer the [Federal Aid Highway Program](#), which provides various program and funding options that could support the installation of bridge and highway improvements such as SafeLane.

These options fall into two general categories: apportioned programs and discretionary programs.

Apportioned programs funds are:

- For core highway infrastructure activities such as Interstate Maintenance
- Distributed to the states by the USDOT on an annual basis, based on a variety of factors and weights
- Applied for at the state level

Discretionary programs funds are:

- Kept at the USDOT
- Made available for activities such as research and development
- Applied for on the national level with the USDOT

Following are brief capsules highlighting potential funding sources and how SafeLane can aide your requisition of them.

### Apportioned Programs

- [Highway Safety Improvement Program](#)  
(Full pdf at: <http://www.fhwa.dot.gov/tfhrc/safety/pubs/81218/81218.pdf>)

Provides approximately \$5 billion for FY06-09 for projects that "connect or improve a hazardous road location or feature," is the "installation of a skid-resistance surface," or is "any highway safety improvement project on any public road."

- [Highway Bridge Replacement and Rehabilitation Program](#)

Provides approximately \$20 billion for FY05-09 for projects that "improve the condition of highway bridges"; eligible activities include "application of de-icing compositions."

- [National Highway System \(NHS\)](#), [Surface Transportation Program](#) and [Interstate Maintenance \(IM\)](#)

Provides approximately \$30 billion, \$31 billion and \$25 billion for FY05-09 respectively for the "construction, reconstruction, rehabilitation, resurfacing, restoration and improvements of highways and bridges."



Protecting people, bridges and roads

## Discretionary Programs

- [Highways for Life Pilot Program](#)

Provides \$75 million for FY06 - 09 (may be supplemented by not more than 10 percent of NHS, STP and/or IM funds) for up to 15 projects per fiscal year (limit \$5 million per project) to “advance longer-lasting highways using innovative technologies and practices” and for “the construction of efficient and safe highways and bridges.”

- [Research, Technology, and Education](#)

Provides \$982 million for FY05-09 to promote “new and innovative ideas, practices, and approaches through such mechanisms as field applications.”

- [Innovative Bridge Research and Deployment Program](#)

Provides approximately \$30 million for FY06-09 to “prepare projects to meet future bridge technology needs” and approximately \$78 million for FY05-09 to “promote, demonstrate, evaluate and document the application of innovative designs, materials and construction methods in the construction, repair and rehabilitation of bridges and other highway structures.”

- [Technology Deployment](#)

Provides various funding amounts to support technology deployment programs “concerning innovative material”; to “support, demonstrate and document the application of innovative pavement technologies, practices, performance and benefits,” and to “research alternative materials used in highways.”

- [Road Weather Research and Development Program](#)

Provides \$20 million for FY06-09 to “promote technology transfer of effective road weather scientific and technological advances.”

## SafeLane Can Help

Sorting through and identifying the right program for transportation funding can be daunting. In addition to helping identify the best Federal program and funding source(s) for a particular project, SafeLane can help Departments of Transportation and other partners in all aspects of the process including, but not limited to:

- Preparing all necessary application documents
- Briefing key decision-makers
- Testimonials from current customers
- Soliciting project support, including at the Congressional level
- Coordinating overall installation and project strategy

Please contact SafeLane if you are interested in any of these value-added services.

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