

CTIP STUDY PROBLEM STATEMENT
Request for Funding
FY 2002

FHWA Strategic Goal Area:

Project Title: Development of an ITS architecture and Phase I of an ITS for Glacier NP

Background: Going to the Sun Road (GTSR) is one of the premier park roads in the country. GTSR will be in a major rehabilitation phase for the next 8-20 years. This will be large impact to the park and the surrounding communities. The NPS is consider using ITS to help mitigate the impacts. Being in a remote corner of Montana, GLAC and the surrounding area lacks any ITS infrastructure currently. The NPS would be in a lead position to begin using ITS technology.

Objectives: The proposal is to develop an ITS architecture for GLAC that gives the roadmap for the NPS and local communities needs that can be met by an ITS. The this proposal would implement a first step, probably a web based parking management system that the NPS and local communities can use immediately to improve management of traffic in and around the park. The benefits for this proposal would include:

- Positions GLAC to employ ITS during the rehabilitation of GTSR
- Facilitates the regional partnership between the NPS and the local communities by jointly developing the ITS architecture
- Gives the area around GLAC a first step to using ITS
- Provides for a NPS pilot study to blend ITS with a National Historic Landmark roadway.

Status: (Describe the state-of-the-practice and ongoing efforts.)

Expected Products and Milestones by Fiscal Year: (Include description of New Initiatives and Ongoing Research.)

Duration: Fiscal Year 2002 for the ITS architecture and initial phase.

<u>Estimated Cost by Fiscal Year:</u>	NPS Staff design and coordination efforts	\$25,000
	ITS consultant for architecture	\$50,000
	ITS Phase I	\$125,000
	TOTAL	\$200,000

Suggested Organization Method:

Submitted:

Agency/Division: WFLHD
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Date:

Champion:

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Funding Source: (Check one.)

9 Agency Fund

9 General Fund