Frontier Project Status Report

Spring 2004

Texas High Water Project

Status

During the spring, not much activity on the project occurred. At the request of TexDOT, we are holding off on finalizing the results in anticipation of potential flood event during the wet season. At this time, no significant rain events have occurred, and the flood warning system has not been triggered.

Scheduled Activities

During the summer and fall of 2004, WTI will be conducting the final analysis and evaluation of the system.

Issues

A major issue to the evaluation of the system has been the lack of flooding at the project site. Historically, the site had major flood periods throughout the 1990's. In some instances the roadway was shut down for days and even weeks at a time. However, the site has not flooded since the high water system was installed due to the weather in the region.

Oregon Travel Time Estimation Project

Status

At this time, Portland State is waiting for the system to be fully functional before they collect the travel time data. We had hoped to collect data during spring break, when traffic volumes are higher than normal, but the system was not functioning. The next best time period to collect data will be during the early summer, when tourism traffic picks up.

Scheduled Activities

During the summer of 2004, Portland State will be conducting the travel time studies.

Issues

The ongoing issue is the accurate functioning of the system. At this time, the system is not functional.

Overall Project Progress

WORK TASK	PERCENT COMPLETE
PHASE I. RESEARCH	
Review Previous Efforts	100%
Define Project Criteria	100%
Select Preliminary Proposals	100%
Select Demonstrations	100%
Document Conditions	75%
PHASE II. DEMONSTRATION	
Define System Contractor Requirements	100%
Hire System Contractor	100%
Oversee System Implementation	100%
PHASE III. EVALUATION	
Develop Evaluation Methodology	100%
Collect After Data	50%
Quantify Benefits	50%
Describe Perceived Benefits	50%
Prepare Final Report	20%
PHASE IV. CONTINUANCE	
Disseminate Findings	0%
Identify Funding Alternatives	0%

Overall Schedule

Due to the delays in the project deployments and data collection, the overall project end date will need to be extended. Otherwise, the flood warning system will have no relevant flood event for analysis, and the travel time system will have no data to compare system calculations with real travel times. A brief summary of the anticipated schedule to complete the project by then follows:

- Finish Data Collection — Fall 2004
- Conduct Additional Analysis — Fall 2004
- Draft Final Report — Winter 2004-5
- Final Report — Spring 2005