

CT35
Rm. 72

**REVISED SCOPE OF SERVICES
INTERLOCAL AGREEMENT DNT-C-135
between
THE TEXAS TRANSPORTATION INSTITUTE (TTI)
and
THE NORTH TEXAS TOLLWAY AUTHORITY (NTTA)**

BACKGROUND

Under an interlocal agreement dated February 1998, TTI was to provide certain services to NTTA in regard to the developing ITS technology. The agreement was limited to the Dallas North Tollway (DNT). Due to several considerations, primarily the organizational and staffing changes at NTTA, NTTA suspended the contract in February 2000 and indicated that it would ask for changes to the scope and the character of the required services at a later date. In December 2000, NTTA formally asked for a revised scope and budget to address some specific issues. TTI submitted the revised scope in January and TTI staff met with NTTA staff and their consultant on February 2, 2001, to discuss the revised scope as described herein.

PREVIOUS DOCUMENTS DEVELOPED UNDER THIS AGREEMENT:

TTI developed several documents and submitted them to NTTA for review over the course of the contract. Due to the organizational and staffing changes noted above, there has not been an opportunity for NTTA staff to provide feedback on these submissions. Documents submitted include:

1. Evaluation of Amtech's Tolltag traffic data collection demonstration project on the DNT.
2. Recommended CCTV locations on the DNT.
3. Draft ITS Concept document for the DNT.
4. TTI has also developed a partial DNT ITS comprehensive plan based on the Dallas Urban Area ITS Plan as developed by TTI for TxDOT. (Further development was suspended pending approval of the concept document.)

REVISED TASKS

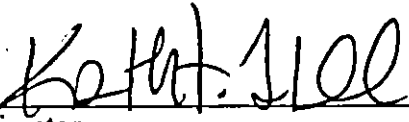
1. Present a one-day workshop to key NTTA staff on Freeway (Tollway) Operations and Management.

TTI has developed a comprehensive freeway operations training course for the FHWA and has presented it in numerous locations around the country. The training course is in a 3 or 5-day format. TTI will modify the course for a one-day format to be presented to key NTTA staff. This may be done on consecutive days or with days between the two presentations as preferred by NTTA. The staff receiving the training would then serve as an Advisory Committee to supervise NTTA's consultant in developing a comprehensive ITS Plan.


2. Finalize the previously developed concept document.
TTI has previously submitted a concept document to NTTA for ITS deployment on the DNT. TTI will work with the NTTA ITS advisory committee to finalize the concept document.
3. Assist NTTA with identifying locations for Dynamic Message Signs on the DNT and the PGBT.
NTTA has an immediate need to identify locations for Dynamic Message Signs(DMS) along the PGBT. TTI will define principals for DMS location and will assist NTTA in identifying potential sign locations.
4. Provide NTTA with software for developing speed and travel time data from Tolltag readers. Assist with implementation.
As part of its Interagency contract with TxDOT, TTI evaluated the use of Tolltags on the IH635 for collecting speed and travel time. Three Tolltags reader stations were installed on IH635 and it was demonstrated that reading individual Tolltag numbers was possible at freeway speeds. TTI developed software to track individual Tolltags through the reader stations and determine travel times and derive speed from the known distance traveled. TTI will make that software available to NTTA and assist it with implementing it on NTTA's computers for the purpose of measuring speed and travel time.
5. Assist NTTA's consultant in development of a comprehensive ITS Plan.
NTTA has engaged a consultant to develop a comprehensive ITS Plan for NTTA facilities. TTI will assist NTTA and their consultant in developing the plan. TTI will apply experience from its development of the Dallas Urban Area ITS Plan and the knowledge of regional ITS initiatives developed in its work with the Regional Comprehensive ITS Program (RCIP) funded by DART. TTI will also furnish guidance in interpretation and application of National ITS Architecture and other ITS standards.

Executed this 14 day of Feb, 2001, by TTI and NTTA through their duly authorized officials.

APPROVED BY THE TEXAS TRANSPORTATION INSTITUTE

By: 
Director

APPROVED BY THE NORTH TEXAS TOLLWAY AUTHORITY

By: 
Executive Director