

AASHTO
Trns·port®

Transportation Software

Management Solution



Basic Services for Trns•port

Info Tech, Inc.

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Basic Services

- Historical Data Analysis
- Migration to C/S
- Implementation
- Full-time On-site Staff



Historical Data Analysis

- Bid Competition Analysis
- Estimation Support Analysis



Bid Competition Analysis Steps

- Perform first-level competition data analysis on a single contract work class (e.g., asphalt)
 - Determine if the bidding behaviors should be reviewed more closely and/or stronger letting/award procedures implemented
- Present results in a follow-up on-site visit



Est. Support Analysis Steps

- Fine Tune Bid Histories
 - Define major item groups for estimation
 - For each group
 - Generate market area definitions
 - Create the best possible profiles for models
 - Review quality of items estimates generated from the models
 - Install and fine-tune profiles on-site; review with DOT estimators, train DOT staff to maintain the procedures



Est. Support Steps (cont'd)

- For cost-based estimation, determine the top dollar items in your state. Generate cost-sheets for these top items
- For CES parametric estimation, define your major cost groups, map items to them, and cost generate group histories
- Train your staff to perform future analysis



Migration to C/S

- PES, LAS, CAS, and BAMS/DSS
 - System Migration
 - Data Migration



System Migration

- Preliminary Analysis Study

- Review customized RTF reports; determine if processing can be more efficient with new RTF capabilities
- Review interfaces; Exports files can be created with new RTF; Import processes utilize the new “importer”
- Review any code customizations; they may be unnecessary with C/S
- Provide migration task cost estimates and proposed schedule



System Migration (cont'd)

- Migration Activities

- Design and develop RTF reports
- Design and develop RTF export files
- Assist DOT with designing import files
- Assist DOT with decisions about replacing code customizations
- Provide project management
- Install C/S system on-site
- Train users on-site



Data Migration

- Migration Activities

- Run data through the “importer”
- Provide assistance with diagnosis of errors
- Repeat above activities after DOT corrects data; cycle through until data is adequate quality to be migrated
- On-site run of corrected data through importer



Implementation

- All Trns•port Modules & Components
 - Preliminary Analysis Study
 - Implementation Activities



Implementation Study

- Conduct on-site visit
- Document current high-level business processes and systems
- Document proposed high-level processes and systems
- Identify preliminary interfaces
- Identify plug-in executable programs
- Perform preliminary data mapping



Implementation Study (cont'd)

- Propose preliminary conversion approach
- Perform preliminary reports analysis
- Perform preliminary technical analysis
- Propose preliminary training approach
- Document issues, both resolved and outstanding
- Provide implementation task cost estimates and proposed schedule



Implementation Activities

- Customize user documentation
- Customize & populate training database & training materials
- Conduct training; End-user or “train-the-trainer” approach
- Design & develop interfaces
- Design & develop plug-in executables
- Perform data mapping
- Design & develop conversion programs



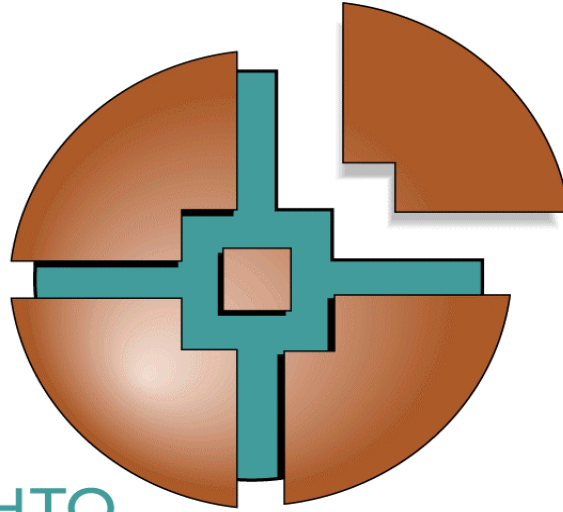
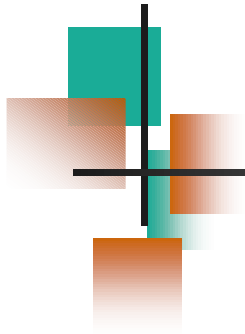
Imp. Activities (cont'd)

- Design & develop reports
- Design & develop templates for Materials
- Analyze historical data and build libraries for estimation
- Provide technical assistance
- Document issues, both resolved and outstanding
- Provide project management



Full-time On-site Staff

- Currently Info Tech staff work on-site at:
- Alabama - SiteManager Implementation Support
 - Colorado - SiteManager Training and Other Support
 - Tennessee - Trns•port Implementation Project Management Support
 - Texas - SiteManager Planning and Training Support



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