What is SiteManager?

- SiteManager - A totally new AASHTO construction management system for INDOT.
- Joint development with 18 states & FHWA.
- Manages post-award construction projects including field office records, materials testing, progress payments, and civil rights.
- All users tied together electronically through LAN’s, WAN’s, and Modems.
- Information available “real time”.

SiteManager™ Construction Management System
SiteManager Impact on INDOT

- Will replace the Trns*port (BAMS)
  Construction Administration System (CAS)
- Will replace the Construction Records
  Application (CRA)
- Will replace portions of Materials
  Certification System
- Add EEO / DBE functionality
- Creates near paperless record system

SiteManager Architecture

- Windows Client/Server, using Oracle Database
- Requires LAN's, WAN's & Dial-in Modems
- Integrated with third party software packages
- 450 Screens 350 Windows
- 60 Std Reports 50 Batch Processes
- Interfaces with Trns*port (BAMS)
- Output electronically to Accounting System &
  other INDOT Systems
Primary SiteManager Users

- SITES:
  - 300 FIELD OFFICES
  - 6 DIST. OFFICES
  - 18 AREA LABS
  - 11 C. O. DIVISIONS
  - MAT & TESTS DIV.
  - RESEARCH DIV.
  - FHWA
  - TOTAL: 338 SITES

- STAFF:
  - 700-800 Field Staff
  - 120-180 District Staff
  - 30-50 Test Staff
  - 40-50 C.O. Staff
  - 15-25 Material Staff
  - 1-3 Research Staff
  - 5-15 FHWA Staff
  - TOTAL: 900-1,100 STAFF
SiteManager Philosophy Changes

- Individuals responsible for own data
- System automates many tasks behind the scenes
- Final Review and Material Certification is continuous process during life of contract
- SiteManager is a management tool as well as a record keeping system
- Enhancements through AASHTO

Current Activities

- Setting up infrastructure
- Cleaning up and loading reference data
- Loading contract test data
- Learning the system
- Additional support software training
- Testing and determination of installation options
Continuing 1999 Activities

- Identifying and loading materials data
- Identifying and modifying business practices
- Developing training programs
- Bring Materials & Tests labs on-line
- Pilot projects
- Phased implementation beginning with January 2000 letting

Future Activities

- Train all users
- Work with AASHTO on Technical Groups
- Provide input into Material Management System
- Bring LPA’s & other agencies on-line
- Bring contractors on-line