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, change orders, and progress payments.
- All users tied together electronically through LAN’s, WAN’s, and Modems.
- Information available “real time”.

What is SiteManager?
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
- Creates near paperless record system

Current Data Flow

SiteManager Data Flow
## Primary SiteManager Users

<table>
<thead>
<tr>
<th>Sites</th>
<th>Staff</th>
</tr>
</thead>
<tbody>
<tr>
<td>300 Field Offices</td>
<td>700-800 Field Staff</td>
</tr>
<tr>
<td>6 District Offices</td>
<td>120-180 District Staff</td>
</tr>
<tr>
<td>18 Area Labs</td>
<td>30-50 Test Staff</td>
</tr>
<tr>
<td>11 C.O. Divisions</td>
<td>40-50 C.O. Staff</td>
</tr>
<tr>
<td>Mat &amp; Tests Div.</td>
<td>15-25 Material Staff</td>
</tr>
<tr>
<td>Research Div.</td>
<td>1-3 Research Staff</td>
</tr>
<tr>
<td>FHWA</td>
<td>5-15 FHWA Staff</td>
</tr>
<tr>
<td><strong>Total: 338 Sites</strong></td>
<td><strong>Total: 900-1,100 Staff</strong></td>
</tr>
</tbody>
</table>

## SiteManager Architecture

![SiteManager Architecture Diagram](image)

## 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
Implementation Team

- Jim Snyder  ST  System Admin
- Rick Yunker  CC  Impl Coordinator
- James Hancock  ST  Tech Support
- Tom Hamilton  CC  Cont Supt Supvr
- Kurt Schum  VN  Area Engineer
- Lynette Gorczyca  SY  Project Engineer
- Deb Hood  CR  Project Supervisor
- Sheri Meyerhoff  VN  Project Engineer

Implementation Team (cont'd)

- David Armstrong  FW  Certified Tech
- John Reeves  GN  Certified Tech
- Glenn Turner  VN  Final Records
- Charlie Cooper  FW  Final Records
- J. R. Comors  GN  Test Lab Supervisor
- Steve Fisher  FW  Test Lab Tech
- John Ashton  SY  District Computer
- Tony DeSimone  FHWA  Field Engineer

Implementation Team (former members)

- John Bellinger  MT  Mat Services Engr  Retired
- John Leckie  FW  Materials Engr  transferred to Development Engr
Current Status

- Setting up infrastructure
- Loaded reference code tables
- Loaded and exercised sample contract
- Learning the system and determining fixes
- Testing and determining installation options
- Started 3 pilot contracts (less materials)

Current Status (Cont’d)

- Identifying and redefining materials data
- Identifying and modifying business practices
- Starting User/Training Manual compilation

Pilot Contracts

- T-24627 - Traffic signals in Frankfort
  Crawfordsville District
  Deb Hood - Project Mgr
  - 6 projects (PCN/DES)
  - Daily Work Reports and Diaries created
  - 5 Change Orders
  - 6 Progress Payments
  - Nearing completion
Pilot Contracts
- M-25006 - Pipe replacement on US 31 in Greenwood - Seymour District
  Lynette Corczyca - PE
  - 1 project (PCN/DES)
  - Daily Work Reports & Diaries created
  - No Change Orders
  - 1 Progress Payment
  - Nearing completion

Pilot Contracts
- R-25133 - Demolition on SR 62 from east of Evansville to Boonville.
  Vincennes District
  Sheri Meyerhoff - PE
  - 2 projects (PCN/DES)
  - Daily Work Reports & Diaries created
  - 3 Change Orders
  - 1 Progress Payment

Remaining Activities
- Pilot projects with material usage
- Develop accounting system link
- Develop "required" reports
- Finalize business practice changes
- Develop training software & syllabus
- Purchase laptops
- Phased implementation beginning with January 2002 letting
Training & Implementation
- Central Office Materials & Tests
- District Materials & Tests
- Area Production Labs
- Central Office Contracts & Construction
- District Office Construction
- FHWA
- Project Offices

Future Activities
- Bring LPA’s & other agencies on-line
- Bring contractors on-line
- Continue work with AASHTO on Technical Advisory Groups
- Provide input into new AASHTO Material Management System

SiteManager Demo