SiteManager
Materials
Capabilities

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For
2009 ASSHTO Subcommittee on Construction
Materials Capabilities

- How much can SiteManager do with Materials data?
- More than you can imagine!
- I don’t know about that…
  I can *imagine* a lot!

A paraphrased discussion between the characters Luke Skywalker and Hans Solo of “Star Wars”
Robust Reference Tables

- Universally, materials data involves repetition
- Reference tables allow us to access data that is used repeatedly
- Reference tables take advantage of the capabilities of modern relational database systems – such as the one you have at your agency
Materials

- The basic list of all materials
Producer/Suppliers

- Pits, Manufacturers, Warehouses, etc.
Producer/Supplier Plants

- For producers with multiple locations
Producer/Supplier - Materials

- Association between P/S and the materials they handle
Branded Products

- Producer/Supplier-Material-Brand
Laboratories

- Each of the Labs used
  - Generic ("field lab")  OR
  - Specific ("Harcurt Fenton Mudd Labs, Inc.")
Samplers/Testers/Inspectors

- Credentials and other useful information
Test Equipment

- Track verification and calibration
Contract to Material Association

- Finally, a connection between Construction and Materials
Mix Design Data

- Information – not design process
Reference Table Value

- Hundreds of specific details
- Effective and expiration dates
- Relationship to other values in the system
- Basis for creating Material/Sample Records
Material (Sample) Records

- Reference Data
- Current Job/Sample/Event Specific Data
- Combined to make Material Record
  - Sample Taken?
  - Material Quantity Report?
  - Certification Review?
  - New Product Submission?
  - Whatever you can IMAGINE
Laboratory Information Management System (LIMS)

- Testing Samples via SiteManager LIMS
  - Track sample into and through labs
  - Assign Tests and Testers
  - Allow Supervisor Review and Approve
  - Compare results from various samples
Remarks

- Remarks are allowed in many places in the system
- Add additional information that does not fit in one of the designated fields.
Attachments

- Allows the attachment of an external file or document related to the data in the active window.
- Secure
- Only designated users can see this.
Externals

- Agencies currently using SiteManager Materials import and export data using a variety of systems/processes.
- Third Party Queries/Listings
- Spreadsheets/Agency built applications
- Whatever you can IMAGINE
  - Discuss with your information tech people
  - For example: incorporate your mix design process
SiteManager Materials
Capabilities

- Significant functionality is built in
- Most routine agency material related activities are covered at some level
- Customization is accommodated
- The only limits are those you impose
- SiteManager is a great place to start and take advantage of those who have gone before…
Thanks for your attention.