

Materials Coverage = Final Materials Certification

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District Materials Supervisor

- Preconstruction Conferences
- E440 Reviews
- PRS Updates/Uploads
- Material/Item Certification
- Project Certification (MC-8)
- QC Plans
- Etc.



I can't get my job finalized because:

“Materials is holding me up.”

Materials vs. Items

- Who do I contact? What do I do if I have a material that's not the item or is a component of an item?
- Materials, Control, Soils and Testing Web Site (Evidence of Inspection Report)



Materials Certification

- Project Wise Documentation
- Key Dates
- Materials Evidence of Inspection (SiteManager/LIMS)
- Non-Compliant Materials Resolved

Quality Control Plans

- Aggregate, Concrete Plant, Concrete Field, HMA Plant, HMA Field, and Compaction
 - Approved by District Materials
 - Entered by District Materials in SiteManager (Key Date)
 - Placed Approved Plan in ProjectWise
 - **Approved Prior to Start of Work!**
- Paint and Containment Plans
 - Approved by MCS&T and Entered in SiteManager by District Materials as (Key Date)

More Key Dates

- Welding Procedures
 - Approved by MCS&T
 - Entered by District Materials in SiteManager (Key Date)
 - Placed Approved Procedure in ProjectWise
- Traffic Control ST-1
 - Prepared by Project, Reviewed by District Materials
 - Certification Needs to be Prepared by the Prime Contractor
 - Project Specific

Types of Evidence of Inspection

- **Visual Inspection, No Materials Involved**
- **Approved Lists**
- **Direct Coverage**
 - **Inspected Prior to Shipment!!!!**
 - **Should Have Lab Number in SiteManager and On Invoice**
- **Master**
 - **Inspected Prior to Shipment!!!!**
 - **Coverage Needs Requested Through District Materials**
- **Field Testing**
 - **Assigned “Field” Reference Laboratory Numbers**
 - **Gradatations, Compressive Strength, HMA Mix Verification, Compaction.**
- **ST-1**

Approved Lists

- Prepared by Materials, Control, Soils and Testing Division.
- Updated on a regular basis.
- Established through manufactures data, and or “our” test data.
- Materials are continually added and removed.
- On the Internet.

Direct Coverage/Master

- Inspections done by Materials, Control, Soils and Testing Division personnel.
- Inspections done by consultant inspectors.
 - A larger operation than you might realize.
 - More time involved for Materials, Control, Soils and Testing personnel than you might realize.
- Laboratory number(s) on invoices and in SiteManager.
- Masters Need to Be Requested Thru District Materials

“Field” Testing

- Reference Laboratory number assigned in the field.
- Quality Control (contractor’s testing).
 - CXXXXXX
- Quality Assurance or Acceptance (District or Division testing).
 - DXXXXXX

ST-1

- Least preferred method for material certification.
- Requires prior approval, before use.
- Attach material invoices and technical information.
- Fill out form completely.

Evolution of Evidence of Inspection

- Contract Administration's Report
- PRS/Mainframe Evidence of Inspection (circa. 2005)
- SiteManager Evidence of Inspection – Convolutated
 - Sampling Check List Not Project Personnel User Friendly

Evidence of Inspection 2.0

- Contract Administration's Report
- PRS/Mainframe Evidence of Inspection (circa. 2005)
- SiteManager Evidence of Inspection
- Sampling Check List Not Project Personnel User Friendly



Advantages

- Readily available information on the project site.
- Uniformity between Districts.
- One source to update.
- Much Shorter Spreadsheet
- Report can be customized.