

ASPHALT CONSTRUCTION INFORMATION

FOR CQC SPECIFICATIONS

This presentation will give you an overview of what's required for Asphalt documentation. It includes links to forms, contacts, guidelines, and procedures. A special thanks to the Asphalt Task Team for their input.

ASPHALT CONSTRUCTION INFORMATION

- Please contact Richard R. Massey for any corrections, changes or comments at the following e-mail address:

richard.massey@dot.state.fl.us

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Section 1 – Contact Lists

- A. Technical Advisory Committee Members

This list can be obtained at the link below:

(Use Tabs on bottom of spreadsheet for different disciplines.)

Names and Phone numbers

Section 1 – Contact Lists (cont.)

- **B. List of Asphalt Producers with Approved QC Programs**

This list can be obtained at the link below:

[Asphalt Producers](#)

Section 1 – Contact Lists (cont.)

- C. Plant Listings by Contractor

This list can be obtained at the link below:

[*Contractors Plants*](#)

Section 1 – Contact Lists (cont.)

- D. Plant Listings by District

This list can be obtained at the link below:

[Contractors Plants by District](#)

Section 1 – Contact Lists (cont.)

- E. Local District and Resident Contact List

This list can be obtained at the link below:

[Names, Phone Numbers, and E-mail](#)

Section 2 – General Project Management Information

- **A. Standard Specifications for Road and Bridge Construction**

The link below has the latest revisions to the standard specifications. It can also be used for review of upcoming changes, and past specifications, etc.

[Specifications](#)

Section 2 – General Project Management Information (cont.)

- B. Asphalt Pre-Paving Conference Agenda

This can be obtained at the link below:

[*Asphalt Pre-Paving Agenda*](#)

Section 2 – General Project Management Information (cont.)

- C. State Construction Office Memorandums

This can be obtained at the link below:

(This will take you to the Table of Contents. Choose the ones pertinent to Asphalt)

[SCO memos](#)

Section 2 – General Project Management Information (cont.)

- **D. The Matrix**

This can be obtained at the link below:

[The Matrix](#)

Section 2 – General Project Management Information (cont.)

- E. LIMS Instructions

This can be obtained at the link below:

[LIMS Instructions](#)

Section 2 – General Project Management Information (cont.)

- **F. CPAM Construction Project
Administration Manual**

This can be obtained at the link below:

(Particularly Chapters 3, 5, and 11)

[CPAM](#)

Section 2 – General Project Management Information (cont.)

- **G. Materials Manual**

This can be obtained at the link below:

(Particularly Section 3)

Materials Manual

Section 2 – General Project Management Information (cont.)

- H. Flexible Pavement Design Manual

This can be obtained at the link below:

(Particularly Chapters 4 and 5)

Flexible Pavement Design Manual

Section 2 – General Project Management Information (cont.)

- I. Preparation and Documentation Manual
Chapter 9

This can be obtained at the link below:

[*Preparation and Documentation Manual*](#)

Section 2 – General Project Management Information (cont.)

- J. Review and Administration Manual
Chapter 9

This can be obtained at the link below:

[Review and Administration Manual](#)

Section 3 – Forms and Instructions

- A. Asphalt Plant – Worksheet (675-030-25)

This can be obtained at the links below:

[*Asphalt Plant Worksheet \(Excel\)*](#)

[*Asphalt Plant Worksheet \(Excel 2007\)*](#)

[*Form Assistance*](#)

Section 3 – Forms and Instructions (cont.)

- B. Asphalt Plant – Daily Report of Quality Control
(675-030-18)

This can be obtained at the links below:

[Plant - Daily Report of Quality Control](#)
[\(Excel format\)](#)

Section 3 – Forms and Instructions (cont.)

- C. Asphalt Plant – Verification Report
(675-030-19)

This can be obtained at the links below:

[Plant – VT Report \(Excel format\)](#)

Section 3 – Forms and Instructions (cont.)

- **D. Asphalt Roadway – Daily Report of Quality Control (675-030-20)**

This can be obtained at the links below:

[Roadway - Daily Report of Quality Control](#)

[\(Excel Format\)](#)

[\(PDF Format\)](#)

Section 3 – Forms and Instructions (cont.)

- **E. Asphalt Roadway – Verification Report
(675-030-21)**

This can be obtained at the links below:

[*Roadway – VT Report \(Excel format\)*](#)

[*\(PDF format\)*](#)

Section 3 – Forms and Instructions (cont.)

- **F. Asphalt Plant – Pay Factor Worksheets
(675-030-22)**

This can be obtained at the link below:

(Use Tabs at bottom of the spreadsheet for different sieves and reports.)

Composite Pay Factor Worksheet

(Excel Format)

Section 3 – Forms and Instructions (cont.)

- G. Asphalt Independent Verification Report
(675-030-17)

This can be obtained at the links below:

Independent Verification Report

(Excel format)

Section 3 – Forms and Instructions (cont.)

- H. Asphalt Resolution Report (675-030-23)

This can be obtained at the links below:

Asphalt Resolution Report
(Excel format)

Section 3 – Forms and Instructions (cont.)

- I. Cross Slope Measurement Data Form
(700-010-98)

This can be obtained at the link below:

Cross Slope Form

(Word Format)

(PDF Format)

Section 3 – Forms and Instructions (cont.)

- J. Roadway – As-Built Pavement Data
(700-050-12)

This can be obtained at the links below:

Roadway – As-Built Pavement Data
(Excel 2007 format)

Section 3 – Forms and Instructions (cont.)

- **K. Pavement Evaluation Request Form
(Laser Profiler)**

This can be obtained at the link below:

[Laser Profiler Request Form](#)

Section 3 – Forms and Instructions (cont.)

- **L. Asphalt Pavement Straightedge Test Report (675-060-10)**

This can be obtained at the links below:

[*Straightedge Report \(Excel format\)*](#)

[*Straightedge Report \(PDF format\)*](#)

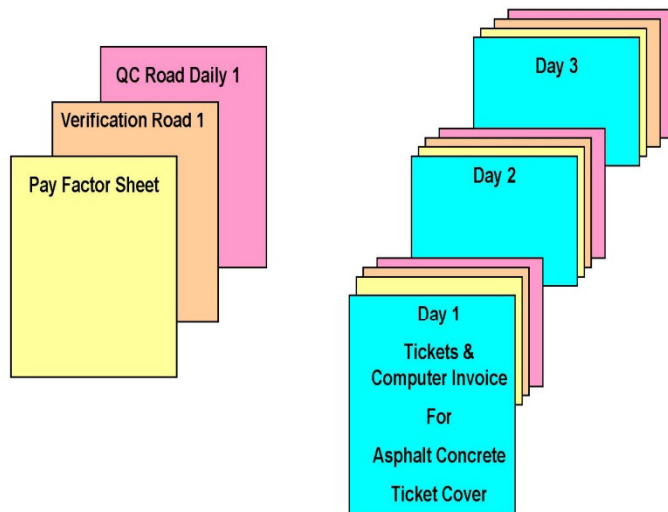
[*Form Assistance*](#)

Section 4 – Lot Submittal Package and Instructions

A. Lot Submittal Package – Documentation Order

Lot Submittal Package

To be compiled by Verification Technician at the end
Of each lot and Submitted to the Engineer



This can be obtained at the link below:

[Preparation and Documentation Manual](#)

(Then go to page 30 of 42)

Section 4 – Lot Submittal Package and Instructions (cont.)

- **The Asphalt Plant – Pay Factor Worksheet
(675-030-22)**

This can be obtained at the link below:

(Use tabs on bottom for different sieves and reports.)

Composite Pay Factor Worksheet

(Excel Format)

Section 4 – Lot Submittal Package and Instructions (cont.)

- **The Asphalt Plant – Pay Factor Worksheet (675-030-22)**, on the previous slide, will be used to create the forms for numbers 1,2,3,4, and the Ticket Packet cover sheets (6,etc.)
 1. Lot Information & Packet Cover Sheet
 2. Composite Pay Factor Sheet
 3. Verification Roadway Report
 4. QC Plant Daily Report

Section 4 – Lot Submittal Package and Instructions (cont.)

5. Any Additional Information
6. Ticket Packet – Day 1
7. Ticket Packet – Day 2
8. Ticket Packet – Day 3

Section 5 – Asphalt Construction Guidelines

- **A. Asphalt Guidelines – Roadway VT / Roadway QC / Plant VT / Plant QC / Project Administrator / QC Manager / Paper work Timeline**

This can be obtained at the link below:

[Asphalt Guidelines](#)

Section 6 – Miscellaneous Information

- A. QA / QC Statewide Inspection Guide List
 1. Asphalt Plant / Lab (Number 7A)

This can be obtained at the link below:

[Plant Inspector Guide List](#)

Section 6 – Miscellaneous Information (cont.)

- A. QA/QC Statewide Inspection Guide List
 2. Asphalt Milling / Paving (Number 7B)

This can be obtained at the link below:

[Roadway Inspector Guide List](#)

Section 6 – Miscellaneous Information (cont.)

- B. Statewide Critical Requirements List
 1. Quality Assessment Number 7A
(Asphalt Plant / Lab)

This can be obtained at the link below:

[QAR Guide List - Plant](#)

Section 6 – Miscellaneous Information (cont.)

- B. Statewide Critical Requirements List
 2. Quality Assessment Number 7B (Asphalt Milling & Paving)

This can be obtained at the link below:

[QAR Guide List - Roadway](#)

Section 6 – Miscellaneous Information (cont.)

- C. IA Checklist
 1. FM 5-509 Rolling Straightedge

This can be obtained at the link below:

[IA Checklist - Straightedge](#)

Section 6 – Miscellaneous Information (cont.)

- C. IA Checklist
 2. AASHTO T - 312
SuperPave Gyrotory Compaction

This can be obtained at the link below:

[*IA Checklist – Gyrotory Compactor*](#)

Section 6 – Miscellaneous Information (cont.)

- C. IA Checklist
 3. FM 1 – T030 Mechanical Analysis of Extracted Aggregate

This can be obtained at the link below:

[IA Checklist – Sieve Analysis](#)

Section 6 – Miscellaneous Information (cont.)

- C. IA Checklist

4. FM 1 – T166 Bulk Specific Gravity

This can be obtained at the link below:

[IA Checklist – Bulk Specific Gravity](#)

Section 6 – Miscellaneous Information (cont.)

- C. IA Checklist
 5. FM 1 – T168 Sampling Bituminous Paving Materials

This can be obtained at the link below:

[IA Checklist – Sampling HMA](#)

Section 6 – Miscellaneous Information (cont.)

- C. IA Checklist
 6. FM 1 – T209 Maximum Specific Gravity of Bituminous Paving Materials

This can be obtained at the link below:

[IA Checklist - GMM](#)

Section 6 – Miscellaneous Information (cont.)

- C. IA Checklist

7. FM 5 – 563 Asphalt Content by Ignition Oven

This can be obtained at the link below:

[IA Checklist – AC Content](#)

Section 6 – Miscellaneous Information (cont.)

- D. Specification 334 Flowchart

This can be obtained at the link below:

[Spec. 334 Flowchart – \(Current\)](#)

[Spec. 334 Flowchart – \(R²\)](#)

Section 6 – Miscellaneous Information (cont.)

- E. Engineering Analysis Report (EAR) Guidelines

This can be obtained at the links below:

[EAR Guidelines](#)