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

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Table of Contents

I. Section 1 – Contact List and Phone Numbers
   A. Technical Advisory Committee Member List
   B. List of Asphalt Producers with Approved QC Programs
   C. Plant Listings by Contractor
   D. Plant Listings by District
   E. Local District and Resident Contact List

II. Section 2 – General Project Management Information
   A. Standard Specifications for Road and Bridge Construction
   B. Asphalt Pre-Paving Conference Agenda
   C. State Construction Office Memorandums
   D. The Matrix
Table of Contents (cont.)

II. Section 2 – General Project Management Information (Con’t)
   E. LIMS Instructions
   F. CPAM – Construction Project Administration Manual
   G. Materials Manual
   H. Flexible Pavement Design Manual
   I. Preparation and Documentation Manual – Chapter 9
   J. Review and Administration Manual – Chapter 9

III. Section 3 – Forms and Instructions
   A. Asphalt Plant – Worksheet (675-030-25)
   C. Asphalt Plant – Verification Report (675-030-19)
Table of Contents (cont.)

III. Section 3 – Forms and Instructions (Con’t)

E. Asphalt Roadway – Verification Report (675-030-21)
F. Asphalt Plant – Pay Factor Worksheets (675-030-22)
G. Asphalt Independent Verification Report (675-030-17)
H. Asphalt Resolution Report (675-030-22)
I. Cross Slope Measurement Data Form (700-010-98)
J. Roadway – As-Built Pavement Data (700-050-12)
K. Pavement Smoothness Measurement Data Form (Laser Profiler)
L. Straightedge Test Report

IV. Section 4 – Lot Submittal Package and Instructions
Table of Contents (cont.)

V. Asphalt Construction Guidelines
   A. Asphalt Guidelines – Roadway QC / Roadway VT / Plant QC / Plant VT / Project Administrator / QC Manager / Paper Work Timeline

VI. Miscellaneous Information
   A. QA / QC Statewide Inspection Guide List
      1. Asphalt Plant / Lab (Number 7A)
      2. Asphalt Milling / Paving (Number 7B)
   B. Statewide Critical Requirements List
      1. Quality Assessment Number 7A (Asphalt Plant/Lab)
      2. Quality Assessment Number 7B (Asphalt Milling/Paving)
## Table of Contents (cont.)

**VI. Miscellaneous Information**

C. IA Checklist
   1. FM 5-509 Rolling Straightedge
   2. AASHTO T-312 SuperPave Gyratory Compaction
   3. FM 1 – T030 Mechanical Analysis of Extracted Aggregate
   4. FM 1 – T166 Bulk Specific Gravity
   5. FM 1 – T168 Sampling Bituminous Paving Materials
   6. FM 1 – T209 Maximum Specific Gravity of Bituminous Paving Materials
   7. FM 5 – 563 Asphalt Content by Ignition Oven

D. Specification 334 Flowchart

E. Engineering Analysis Report (EAR) Flowchart and Guidelines
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.)


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.)


This can be obtained at the links below:

Roadway - Daily Report of Quality Control
(Excel Format)
(PDF Format)
Section 3 – Forms and Instructions (cont.)


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

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 Gyratory Compaction

This can be obtained at the link below:

IA Checklist – Gyratory 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 – (R^2)
Section 6 – Miscellaneous Information (cont.)

- E. Engineering Analysis Report (EAR) Guidelines

*This can be obtained at the links below:*

**EAR Guidelines**