

Asphaltic Concrete Pavement Report (03-22-3080) - continued

The Department's certified Pavement Inspector is responsible for the completion of this form, with the exception of roadway density data information that is determined at the plant and the percent pay for roadway density. These sections will be completed by the certified Plant Inspector. The Department's certified Inspector signs and dates the form in the space provided for "Roadway Inspector".

The "Header Information" fields are required fields and must be entered. Refer to the Sample Identification portion of this manual for header information instructions for Project No., Purpose Code, Specification Code and Item No.

The Asphaltic Concrete Pavement Report and Asphaltic Concrete Plant Report (03-22-3085) are used conjunctionally to complete documentation for acceptance of the pavement lot.

Refer to the Department's latest Application of Quality Assurance Specifications for Asphaltic Concrete Mixtures.

Metric / English <u>M</u>

This entry is located on the MATT Menu and is a required entry. Please note that results must be entered in the proper format based on the reporting units selected, M or E.

Plant Code <u>H312</u>

Plant Code must be a valid certified hot mix plant. Required entry. This is a four character alphanumeric field. Plant Codes can be found in the Plant Code portion of this book.

Mix Code <u>51</u> As <u>51</u>
<small>Ex: Type 8WC mix used in lieu of a Type 8BC.</small>

Enter the appropriate Mix Codes. Mix Codes are listed on back of the worksheet and in the Material Codes portion of this manual. When substitutions of mix types are allowed, the two fields identify such an occurrence. Required entry, numeric. Use leading zeros if necessary.

Mix Use <u>01</u>

Enter the appropriate Mix Use. Mix Use Codes are listed on back of the worksheet and in the Material Codes portion of this manual. Required entry, numeric. Use leading zeros if necessary.

Lot No. <u>8145</u>

Enter the Lot No. as established by the Project Engineer. Required entry. The first 3 characters are numeric and the last character is alphabetic. Use leading zeros if necessary.

Note: The letter designation (last character of lot no.) is to be used when the mix is delivered from two or more plants with the same lot no. series. Use the same number with an 'A' for one plant and a 'B', 'C', etc. for the other plants.

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Yield	
Square Meters (Sq Yd) (A)	<u>15065</u>
Theoretical Yield 2.46 x Plan Thickness, mm + Adj. Factor (110 x Plan Thickness, in. + Adj. Factor)	<u>98.4</u>
Actual Yield B x 1000 ÷ A (B x 2000 ÷ A)	<u>100.2</u>
Avg Plant Briq.Grav.(D _n)	<u>2.422</u>

Fields for Square Yards, Theoretical Yield and Actual Yield are numeric. Enter the appropriate results. Blanks are permitted and leading zeros may be omitted.

Include Avg Plant Briquette Gravity in the blank space provided.

Surface Tolerance (DOTD TR 618 or TR 641)	
ACCEPTANCE TOLERANCE <input type="checkbox"/>	CONTROL TOLERANCE <input type="checkbox"/>
Straightedge: 5 = 15 mm (1/2 in)	Straightedge: 6 = 15 mm (1/2 in)
Profilograph: A = 3.0 in/mi B = 78.5 mm/km (5.0 in/mi)	Profilograph: D = 189.0 mm/km (12.0 in/mi)
C = 126.0 mm/km (8.0 in/mi)	
LINEAR, m (ft) <input type="checkbox"/>	AVG, PROFILE IND. <input type="checkbox"/> mm/kg (in/mi) IRI STD <input type="checkbox"/> mm/kg (in/mi)

Acceptance and Control Tolerance are alphanumeric fields.

If Acceptance Tolerance is 5 or the Control Tolerance is 6:

Linear (99999 m) (99999 ft) - required entry and must be greater than zero.

Average Profile Index (999.9 mm/km) (99.9 in/mi) - must be blank.

IRI STD (International Roughness Index) (999.9 mm/km) (99.9 in/mi) - must be blank.

If Acceptance Tolerance is A, B or C or the Control Tolerance is D:

Linear (99999 m) (99999 ft) - required entry and must be greater than zero.

Profile Index (999.9 mm/km) (99.9 in/mi) - required entry, may be zero or greater.

IRI STD (International Roughness Index) (999.9 mm/km) (99.9 in/mi) - required entry when Acceptance Tolerance is A, B or C. May be zero or greater. *When not using the AAPARE software and preparing the report using the manual method, a 'zero' entry is allowed.*

Note: *If no acceptance or control tolerance (i.e. - patching, leveling, joint repair) all Surface Tolerance fields shall be left blank.*

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Pavement Density (DOTD TR 304)								
SAMPLE NO.	DATE	STATION	THICKNESS mm (in)	WT IN AIR (M)	WT IN WATER (N)	DIFF (M-N)	SP GRAV (P) M/(M-N)	% PAV DENSITY (P/D _n X 100)
845-1	7/16/97	0+900	46	937.1	543.8	393.3	2.383	98.4
845-2	7/16/97	1+963	41	801.5	460.5	341.0	2.350	97.0
845-3	7/16/97	2+918	41	809.2	457.0	352.2	2.298	94.9
845-4	7/16/97	3+010	51	1019.5	591.9	427.6	2.284	98.4
845-5	7/16/97	0+455	43	859.9	495.9	363.5	2.364	97.6
AVG PAVEMENT DENSITY FOR LOT								97.3

Enter the appropriate test values in computer fields and non-computer fields. Fields for Thickness and % Pavement Density are numeric, blanks are permitted and leading zeros may be omitted.

Project Tonnage Mg (tons)	
Previous	2986 + Portion of Lot Used (B) 1509 = Total to Date 4495

Enter the appropriate results. Portion of Lot Used is numeric, blanks are permitted and leading zeros may be omitted.

Percent Pay	
Density	100
Surface Tolerance	
Pay Item	501(01)(11)

Density % Pay is entered by the Department's Cert. Plant Insp. Leave blank if no cores were taken.

Surface Tolerance % Pay for acceptance purposes is entered by the District Laboratory when utilizing profilograph results and by the Department's Cert. Asphaltic Concrete Pavement Insp. when utilizing rolling straight-edge results. Leave blank when surface tolerance is not required.

The Pay Item is entered by the Department's Roadway Insp.

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Remarks	_____

Enter applicable remarks, including disposition remarks (if necessary). 54-character, alphanumeric field.

Rdwy Inspector	<u>Signature</u>
Plant Inspector	<u>Signature</u>
Approved By	_____

All signatures are required as specified in the Department's latest Application of Quality Assurance Specifications for Asphaltic Concrete Mixtures.