

**ASPHALTIC CONCRETE VERIFICATION REPORT
DOTD Form 03-22-3070**

DOTD 03-22-3070 (6/97)
METRIC / ENGLISH

Louisiana Department of Transportation and Development

ASPHALTIC CONCRETE VERIFICATION REPORT

MATT MENU SELECTION . 06 Metric / English (M/E) Located on MATT Menu
 Proj. No. 023-31-1000 Plant Code H372 Mix Code 51 As 51
 Proj. No. 140 Seq. No. 160 Mix Use 01 Lot No. 8451 Lab. No.
 Proj. No. Purpose Code 2 2 - Verification Spec. Code 3 Lab. No.
 Proj. No. 8 - Indep. Assurance Avg. Plant Briq. Grav. 2.432 Lab. No.
 Proj. No. % AC 4.0 Spec. Grav. AC 1.03 Lab. No.
 Start Date 07-14-97 End Date 07-15-97 Submitter Code 0303 Cert. Insp. G. Davis

Roadway Tests (DOTD TR 304)
 Sample Thick., mm (in) % Fav. Dens.
 Sample ID 506-1
 Station No.
 Mass in Air
 Mass in Water
 Difference
 Spec. Grav.

Tested By: _____
 Date: _____

Checked By: _____
 Date: _____

Notes: _____

Extracted % AC, % Crushed & Gradation (DOTD TR 323, TR 306, TR 309)

Lab. No.	Sample ID	AC Content, %	Dry Total Mass of Agg.	Dry Mass After Wash	Mass of Crushed Agg.	Mass of ± 4.75 (No. 4) Agg.	% Retained		Passing	JMF
							Coarser	Finer		
	<u>506</u>									

Roadway Tests (DOTD TR 304)

Sample ID	Station No.	Mass in Air	Mass in Water	Difference	Spec. Grav.
<u>506-1</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Average					

Tested By: _____
 Date: _____

Checked By: _____
 Date: _____

Notes: _____

Marshall Tests (DOTD TR 304 & 305)

Sample ID	Specific Gravity	% VFA	% Corrected Stab. kN (lb)
<u>506-1</u>	<u> </u>	<u> </u>	<u> </u>
Average			

Laboratory Number: _____
 Sample Identification: _____
 Mass in Air: _____
 Mass in Water: _____
 Difference: _____
 Specific Gravity: _____
 % Theoretical Gravity: _____
 Density: _____
 % Voids: _____
 % AC By Volume: _____
 % VMA: _____
 Dial Reading: _____
 Stability, kN (lb): _____
 Thickness, mm (in): _____
 Correction Factor: _____
 Flow - 0.1mm (1/100): _____

Tested By: _____
 Date: _____

Checked By: _____
 Date: _____

Roadway Pay Item 50110111111

Approved By: _____

Asphaltic Concrete Verification Report (03-22-3070) - continued

The Department's certified Plant Inspector and Pavement Inspector for verification is responsible for the completion of this form. Space has been provided for five individual projects. Refer to the Sample Identification portion of this manual for Header Information instructions.

The District Laboratory Technician is responsible for Independent Assurance sampling and testing in accordance with DOTD S 701.

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

Metric / English	M
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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	H312
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Plant Code must be a valid certified hot mix plant. Required entry. This is a four character alphanumeric field. Plant Codes are found in the Plant Code portion of this book.

Mix Code	51	As	51
<i>Ex: Type 3WC mix used as Type 3WC.</i>			

Enter the appropriate Mix Codes. Mix Codes are listed on back of the worksheet and the Material Codes portion of this manual. When substitutions of mix types are allowed, the two fields identify such an occurrence. Both fields are required entries. Numeric, use leading zeros if necessary.

Seq. No.	160
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Assigned by the district laboratory in numerical order beginning with 001. Required entry, numeric. Use leading zeros if necessary. (*Seq. No. is obtained from the Job Mix Formula.*)

Mix Use	01
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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.	845
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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. Use the same number with an 'A' from one plant and a 'B', 'C', etc. for the other plants.

Asphaltic Concrete Verification Report (03-22-3070) - continued

Report results for non-computer fields such as Briq. Theo. Grav., Avg. Plant Briq. Grav., % AC and Spec. Grav. AC. These are the same results as reported on Asphaltic Concrete Plant Report for the lot. Also include the signature of the Certified Inspector in the space provided.

Roadway Tests (DOTD TR 304)		
Sample ID	Thick.,mm (in)	% Pav. Dens.
506-1		.
506-4		.
Average		
Lab. No.		
Sample ID		
Station No.		
Mass in Air		
Mass in Water		
Difference		
Spec. Grav.		
Tested By: _____		
Date: _____		
Checked By: _____		
Date: _____		
Notes: _____		

Sample Id is the same as used on the Asphaltic Concrete Pavement Report.

Enter results in the spaces provided in accordance with DOTD TR 304.

Note: Roadway Tests are completed by the District Laboratory Technician.

Extracted % AC, % Crushed & Gradation (DOTD TR 323, TR 306, TR 309)					
Lab. No.		Sample Id 506			
Mass of Mix, Trays & Pan	M _T	AC Content, %		AC	
Mass of Trays & Pan	M _P	Dry Total Mass of Agg.		M	
Total Mass of Mix	M _S	Dry Mass After Wash		X	
Correct. Factor of Mix, %	CF	Mass Crushed Agg.			
Moist. Correct. (TR 319)	MC	Mass of +4.75 (No.4) Agg.			
Sieve mm/µm (in)	Mass Retained	% Retained	% Coarser	% Passing	JMF
63 2 1/2					
50 2					
37.5 1 1/2					
31.5 1 1/4					
25.0 1					
19.0 3/4					
12.5 1/2					100
9.5 3/8					90 - 99
4.75 No. 4					77 - 89
2.00 No. 10					-
425 No. 40					34 - 45
180 No. 80					-
75 No. 200					-
Pass 75 No.200					3.0 - 7.0
Dec.Loss (Y)			% AC		4.0
Acc.Tot. (Z)			% Crushed		70 MIN.
	% Diff.				
Tested By: _____ Date: _____					
Checked By: _____ Date: _____					

Enter % Passing results. Numeric, blanks are permitted, leading zeros may be omitted.

Enter results in the space provided in accordance with DOTD TR 306, 307 and 309.

Note:

JMF and % Crushed for Independent Assurance testing only.

Asphaltic Concrete Verification Report (03-22-3070) - continued

Marshall Tests (DOTD TR 304 & 305)			
Sample ID	Specific Gravity	% VFA	Corrected Stab. kN (lb)
506-1	_____	_____	_____
506-3	_____	_____	_____
Average	_____	_____	_____
Laboratory Number	_____	_____	_____
Sample Identification	_____	_____	_____
Mass in Air	_____	_____	_____
Mass in Water	_____	_____	_____
Difference	_____	_____	_____
Specific Gravity	_____	_____	_____
% Theoretical Gravity	_____	_____	_____
Density	_____	_____	_____
% Voids	_____	_____	_____
% AC By Volume	_____	_____	_____
% VMA	_____	_____	_____
Dial Reading	_____	_____	_____
Stability, kN (lb)	_____	_____	_____
Thickness, mm (in)	_____	_____	_____
Correction Factor	_____	_____	_____
Flow - 0.1mm (1/100)	_____	_____	_____
Tested By: _____	Date: _____		
Checked By: _____	Date: _____		

Sample ID is the same as used on the Asphaltic Concrete Pavement Report.

Note: Marshall Tests are completed by the District Laboratory Technician.

Roadway Pay Item 501(01)

Enter Roadway Pay Item. Refer to the Sample Identification portion of this book for acceptable Item No. formats.

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

Approved By: _____

District Laboratory Engineer's signature.