M&T FORM 605 NORTH CAROLINA DEPARTMENT OF TRANSPORTATION *Revised 01-2016*

ASPHALT ROADWAY INSPECTOR'S DAILY REPORT

Contract/PO/WBS No.: [1]		County: [2]		Div.: [3]		Report No. [4]	
Date: [5]	Weather: [6]		Temp. High: [7]		Low: [8]		
Type of Construction: [9]			Route No. [10]		Miles: [11]		
Map Project No.: [12]			Map No.: [13]		Map Length: [14]		
Contractor (Prime): [15]			Paving Contractor: [16]				
Contractor Producing Asphalt Mix: [17]			Plant Site: [18]				

SPREADING/ROLLING EQUIPMENT			
No.	Make	Type	Weight
	[19]		

ROADWAY OPERATIONS			
No. Loads Received:	[20]	Total Hours:	[21]
Time First Rec'd	Time Last Rec'd	Delay Time	Hrs. Operation
[22]	[23]	[24]	[25]

TACK COAT									
Source	[26]	Batch No.	[27]	Grade	[28]	Gallons	[29]	Temp.	[30]

MATERIAL PLACED TODAY

Mix Type		[31]											
JMF No.		[32]											
Map No.	Mat Location	[33]	[34]										
Base Type (ABC, New Mix, Exist Pav't)		[35]											
Begin Station		[36]											
End Station		[37]											
Linear Feet		[38]		*Note: Use a Separate Column for each JMF placed during the day. Each item of information must updated for the time when a specific JMF is being placed.*									
Width		[39]											
Square Yards		[40]											
Today's Tons		[41]											
Rate of Spread (lbs. per sq. yd.)		[42]											
Tack Coat Rate (gals. per sq. yd.)		[43]											
Air Temp. (°F)	Surface Temp. (°F)	[44]	[45]										
Time Placed		[46]											
Mix Temperature (°F)		[47]											
Type of Density Control		[48]											
# QC Density Tests		[49]											
# Verification Density Tests		[50]											
Paving Application Type (check one)		[51]											
Full Width Paving		☐		☐		☐		☐		☐			
Widening - 4 ft. or greater		☐		☐		☐		☐		☐			
Uniform Paved Shldr - 4 ft. or greater		☐		☐		☐		☐		☐			
Widening - Less than 4 ft.		☐		☐		☐		☐		☐			
Intersections (separate operation)		☐		☐		☐		☐		☐			
Driveways / Irregular Areas		☐		☐		☐		☐		☐			
Patching / Wedging / Leveling		☐		☐		☐		☐		☐			

Remarks: [52]

*Print Rdwy Tech's. Name: [53]		RD1- [54]	Res. Eng.
*Rdwy Tech Signature: [55]			[56]

*By providing this data under my signature and/or HiCAMS certification number, I attest to the accuracy and validity of the data contained on this form and certify that no deliberate misrepresentation of the test results in any manner has occurred.

White – Resident Yellow – Roadway Tech. Pink – M&T

M&T 605

ASPHALT ROADWAY INSPECTOR'S DAILY REPORT

GENERAL NOTE: This report is to be completed in entirety each day that any asphalt pavement is placed on a project. In the event that more than one paving crew is in operation on the project, a separate report is required for each operation. Documentation for supporting operations within a days' production should be attached to this report. For example: (1) Nuclear Density Testing; M&T 514 QA/QC, when appropriate, and M&T 516 QC daily. (2) Core Sample Testing; Forms QC-5 and/or QA-5 as appropriate. The M&T 605 Form and all required supporting forms will be stapled together in a single assembly for each day pavement is placed and then forwarded to the appropriate parties within five (5) working days. The M&T 605 should always be stapled on top of each day's assembly of reports. Distribution will be as follows: The DOT Roadway technician shall keep the yellow copy. The white and pink copies shall be attached to the M&T 605 Form and forwarded to the Resident Engineer. The Resident Engineer shall maintain the white copy in the project files and forward the pink copy to the Materials & Tests Unit. Retention of this report will be in accordance with the latest edition of the *NCDOT Construction Manual*.

1. Prime project number (usually first project number on the contract).
2. County in which work is being performed.
3. Division in which project is located.
4. Sequential report number 1, 2, 3, etc. Only one set of sequential report numbers for each contract per paving crew. If more than one paving crew places mix on the project, use suffixes of a, b, c, etc. to designate each paving crew. For example: Paving Crew 1 would have report nos. 1, 2, 3, etc. and Crew 2 would be 1a, 2a, 3a, etc. Individual work order numbers will not have separate report numbers.
5. Date paving work is performed.
6. Brief statement of weather conditions, i.e., partly cloudy or sunny, cool, windy, etc.
7. Day's high temperature. Does not have to be the official temperatures for that day.
8. Day's low temperature. Does not have to be the official temperatures for that day.
9. Brief statement of type of construction, i.e., resurfacing, widening, new construction.
10. Route number of road being paved, i.e., SR 1379, US 421, I-440.
11. Total length (in miles) of project.
12. Project number of map if different than prime project number.
13. Map number, if applicable.
14. Length of map being paved, if applicable.
15. Prime Contractor for total contract.
16. Contractor actually placing pavement on project.
17. Contractor actually producing asphalt mixture.
18. Site (location) of asphalt plant producing mix.
19. Spreading & Rolling Equipment Used:
    - Number(s) of each equipment type used;
    - Make of each equipment type used;
    - Type of Rollers used (i.e. vibratory steel wheel, static steel wheel, rubber-tire, etc.);
    - Weight of Rollers used (in tons).
20. Number of Truckloads of mix received and placed.
21. Total Number of Hours of paving operations (hours & minutes).
22. Time First Load Received on project.
23. Time Last Load Received on project.
24. Any significant amount of time that placing pavement was delayed.
25. Total hours of actual placing and compacting pavement (Total Hours less any Delay Time).
26. Source (Manufacturer) of Tack used.
27. Batch No. of Tack used – from Manufacturer Bill of Lading (BOL).
    [see the Tack Coat Best Practices Field Guide for more information]
28. Grade of Tack Material used (i.e. CRS-1, HFMS-1, PG 64-22, etc.).
29. Total Gallons of Tack Material used.
30. Temperature of Tack Material when applied.
    [see Table 605-2 for acceptable temperature ranges]
31. Type of mix placed (i.e. S4.75A, SF9.5A, RI19.0B, RB25.0B, etc.).

32. Job Mix Formula number of the mix placed. (ex.: 17-0123-151).
33. Specific Map Number on which specific JMF is being placed.
34. Layer & Lane on which mat is being placed (i.e., 1st layer-Rt. Ln., 2nd layer-Lt. Ln.; widening; paved shoulder, etc.)
35. Base Type on which mix is being is placed (i.e., New Mix, Existing, ABC, RB25.0B, RI19.0C, etc.)
36. Beginning Station of paving.
37. Ending Station of paving.
38. Total Linear Feet of pavement that was placed.
39. Width at which pavement was placed.
40. Number of Square Yards of pavement placed (Length x Width ÷ 9).
41. Number of Tons of the specific JMF placed today on this contract.
42. Rate of Spread for pavement placed in pounds per square yard (Tons x 2000 ÷ Sq.Yds.)
43. Tack Coat Rate applied for each area tacked in today's operation (No. Gals ÷ Sq.Yds.)
    [see Table 605-1 for target application rates]
44. Air Temperature at time of paving measured at the location of the paving operation away from artificial heat.
    [see Table 610-5 for minimum placement temperatures]
45. Roadway Surface Temperature measured at the location of the paving operation away from artificial heat.
    [see Table 610-5 for minimum placement temperatures]
46. Time specific JMF was placed.
47. Temperature of mix when checked at roadway.
    [see JMF printout for each JMF's mix temperature – apply a range of ± 25 °F at the roadway]
48. Type of Density Control used (either "Core" or "Gauge").
49. Number of Contractor QC tests performed for the specific JMF (core or gauge).
50. Number of Department QA Verification tests performed for the specific JMF (core or gauge).
51. Type of Paving Application *(check only one – see the QMS Manual, Section 10.3.4 for more details).*
52. Remarks on paving-specific items such as: possible reasons for failures, conversations about specific project-related items, and other general comments that may be helpful in case of price adjustments or material rejections. If Density Gauge control is used, record the day's standard counts number for the gauge. The Department technician should observe the standard count being taken.
    Note: If no Density Testing is performed, give specific details as to why testing was not performed based on the requirements of the QMS Manual.
53. Printed Name of the Department Roadway Technician completing the form.
54. Printed HiCAMS certification number of the Department Roadway Technician completing the form.
55. Signature of the Department Roadway Technician certifying that all data entered on this form is true and correct.
56. Resident Engineer or authorized Assistant Resident Engineer's signature or initials verifying their review of the report.
    Note: The Roadway Technician should never write-in the Engineer's signature or initials.