

DAILY REPORT - HOT BITUMINOUS PAVEMENT - QUALITY CONTROL

North Dakota Department of Transportation, Construction
SFN 18552 (4-2017)

	PCN
Project	Date
Contractor	District
Aggregate Class	Plant Model
Specification	Bid Price (HBP)
Stations Paved	

A. AGGREGATE

Gradation Range Limits

Sieve Size	5/8"	1/2"	3/8"	#4	#8	#16	#30	#50	#100	#200*
Target Values										
Target Range										

Percent passing

Test No.										
Test No.										
Test No.										
Test No.										
Test No.										
Test No.										
Uniformity (U) Dev fr Target Range										

AGGREGATE PAY FACTOR = $\frac{100 - U^{**}}{100}$ A =

Distribution:
Project Engineer (original) and Contractor

* Round Percent Passing to the nearest tenth.
**Largest Uniformity Deviation

B. BITUMEN CONTENT

AC Brand and Type

Average (SFN 9988)

Target Bitumen Content	Average Bitumen Content
Deviation from Target	AVERAGE PAY FACTOR

Uniformity (SFN 18674)

Check No. 1	Check No. 2	Check No. 3	Check No. 4
Check No. 5	Check No. 6	Average	Deviation*

UNIFORMITY PAY FACTOR = $\frac{100 - [20 (\text{Deviation} - 24)]}{100}$ =

BITUMEN PAY FACTOR** B =

*Largest deviation from the average Uniformity Bitumen Content
**Lowest Pay Factor (Average or Uniformity)

C. COMPACTION (SFN 59132)

Average Maximum Theoretical Density	(lbs/c.f.)
Average Pavement Density	(lbs/c.f.)
Average Pavement Density (%MTD)	%
Pay Factor C =	

D. DEDUCTION

Combined Pay Factory

	(A)	(B)	(C)	(D)
Mainline		X	X	=
Other	(A)	(B)		(D)
		X		=

Deduction Factor

M = 1.0 -	(D)	=		
O = 1.0 -	(D)	=		
Mainline	Pay Tons This Day	Bid Price	Deduction Factor	Payment Adjustment
		X	X	=
Other	Pay Tons This Day	Bid Price	Deduction Factor	Payment Adjustment
		X	X	=

TOTAL PAYMENT ADJUSTMENT:

REMARKS:

Engineer - Inspector