



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE  
GOVERNOR

EUGENE A. CONTI, JR.  
SECRETARY

February 10, 2012

**Addendum No. 1**

RE: Contract ID C202931  
WBS # 14CR.10451.5, Etc.

**Henderson County**

US-25 From South Carolina State Line To SR-1858 And  
3 Sections of Secondary Roads

**February 21, 2012 Letting**

To Whom It May Concern:

Reference is made to the Sketch Maps furnished to you on this project.

On Sheet No. 4 the note has been revised. Please void Sheet No. 4 in your proposal and staple the revised Sheet No. 4 thereto.

On Sheet No. 6 the description for the symbol "D1" was revised. Please void Sheet No. 6 in your proposal and staple the revised Sheet No. 6 thereto.

Sheet No. 7 has been revised to reflect the below noted pay item quantity changes. Please void Sheet No. 7 in your plans and staple the revised Sheet No. 7 thereto.

The following revisions have been made to the Proposal:

New Page Nos. 21A and 21B have been added to include the project special provision entitled "Open Graded Asphalt Friction Course, Permeable Asphalt Drainage Course and Ultra-Thin Bonded Wearing Course". Please staple New Page Nos. 21A and 21B after existing Page No. 21 in your proposal.

**MAILING ADDRESS:**  
NC DEPARTMENT OF TRANSPORTATION  
CONTRACT STANDARDS AND DEVELOPMENT UNIT  
1591 MAIL SERVICE CENTER  
RALEIGH NC 27699-1591

TELEPHONE: 919-707-6900  
FAX: 919-250-4119  
WEBSITE: [WWW.NCDOT.ORG](http://WWW.NCDOT.ORG)

**LOCATION:**  
CENTURY CENTER COMPLEX  
ENTRANCE B-2  
1020 BIRCH RIDGE DRIVE  
RALEIGH NC 27610

On the item sheets the following pay item quantities have been revised:

<u>Item</u>	<u>Description</u>	<u>Old Quantity</u>	<u>New Quantity</u>
3-1297000000-E-607	Milling Asphalt Pavement, ½ " Depth	54,442 SY	57,622 SY
31-1577000000-E-620	Polymer Modified Asphalt Binder For Plant Mix	532 TON	540 TON
32-1662000000-E-650	Open Graded Asphalt Friction Course, Type FC-1 Modified	8,726 TON	8,856 TON
33-1577000000-E-620	Polymer Modified Asphalt Binder For Plant Mix	446 TON	460 TON
34-1839140000-E-661	Ultra-Thin Bonded Wearing Course	8,726 TON	8,856 TON
35-1839200000-E-661	Application Of Ultrathin Hot Mix Asphalt	235,196 SY	238,400 SY

The Contractor's bid must be based on these revised pay item quantities. The contract will be prepared accordingly.

The Expedite File has been updated to reflect these revisions. Please download the Expedite Addendum File and follow the instructions for applying the addendum. Bid Express will not accept your bid unless the addendum has been applied.

Sincerely



R. A. Garris, PE  
Contract Officer

RAG/jag  
Attachment

cc: Mr. Jon Nance, PE	Mr. R.E. Davenport, PE
Mr. Ron Hancock, PE	Ms. Natalie Roskam, PE
Mr. J. B. Setzer, PE	Mr. Ronnie Higgins
Ms. D. M. Barbour, PE	Mr. Larry Strickland
Mr. J. V. Barbour, PE	Ms. Marsha Sample
Ms. Penny Higgins	Ms. Jaci Kincaid
Ms. Lori Strickland	Project File (2)

**OPEN GRADED ASPHALT FRICTION COURSE, PERMEABLE ASPHALT DRAINAGE COURSE, AND ULTRA-THIN BONDED WEARING COURSE:**

609

SP6 R62 (REV)

Revise the 2012 *Standard Specifications* as follows:

**Page 6-10, Subarticle 609-6(B) Required Sampling and Testing Frequencies**, delete the third paragraph and replace with the following:

Sample and test the completed mixture from each mix design per plant per year at the following minimum frequency during mix production:

<u>Accumulative Production Increment</u>	<u>Number of Samples per Increment</u>
500 tons	1

**Page 6-10, Subarticle 609-6(C) Control Charts**, delete the fourth paragraph and replace with the following:

Record the following data on the standardized control charts and in accordance with the requirements of Section 7.4 of the *HMA/QMS Manual*:

- (a) Aggregate Gradation Test Results:
1. 12.5 mm (Types P57 & FC-2 Mod. Only)
  2. 9.5 mm (Excluding Type P57)
  3. 4.75 mm
  4. 2.36 mm
  5. 0.075 mm Sieves
- (b) Binder Content, %,  $P_b$

**Page 6-11, Table 609-1 CONTROL LIMITS**, replace with the following:

<b>Mix Control Criteria</b>	<b>Target Source</b>	<b>Moving Average Limit</b>	<b>Individual Limit</b>
12.5 mm Sieve (Types P57 & FC-2 Mod)	JMF	± 4.0	± 8.0
9.5 mm Sieve (Excluding Type P57)	JMF	± 4.0	± 8.0
4.75 mm Sieve	JMF	± 4.0	± 8.0
2.36 mm Sieve	JMF	± 4.0	± 8.0
0.075 mm Sieve	JMF	± 1.5	± 2.5
Binder Content	JMF	± 0.3	± 0.7
TSR (Ultra-thin Only)	Min. Spec. Limit	-	- 15%

Page 6-12, Table 609-2 RETEST LIMITS FOR MIX DEFICIENCIES, replace with the following:

<b>Property</b>	<b>Limit</b>
% Binder Content	by more than $\pm 1.0\%$
12.5 mm Sieve (Types P 57 & FC-2 Mod)	by more than $\pm 9.0\%$
9.5 mm Sieve (Excluding Type P 57)	by more than $\pm 9.0\%$
4.75 mm sieve	by more than $\pm 9.0\%$
2.36 mm sieve	by more than $\pm 9.0\%$
0.075 mm sieve	by more than $\pm 3.0\%$
TSR (Ultra-thin only)	by more than -15% from Specification limit

Page 6-17, Table 609-3 LIMITS OF PRECISION FOR TEST RESULTS, replace with the following:

<b>Mix Property</b>	<b>Limits of Precision</b>
12.5 mm Sieve (Types P 57 & FC-2 Mod. Only)	$\pm 6.0\%$
9.5 mm Sieve (Excluding Type P 57)	$\pm 5.0\%$
4.75 mm Sieve	$\pm 5.0\%$
2.36 mm Sieve	$\pm 5.0\%$
0.075 mm Sieve	$\pm 2.0\%$
Asphalt Binder Content	$\pm 0.5\%$
TSR (Ultra-thin HMA Only)	$\pm 15.0\%$