



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES. PERDUE
GOVERNOR

EUGENE A. CONTI, JR.
SECRETARY

May 8, 2009

Addendum No. 1

RE: Contract ID: C202305

WBS# 45052.3.ST1

F.A. # STM-0440(6)

Wake County (I-5114)

I-440 From I-40 To US-64/264 Bypass

May 19, 2009 Letting

To Whom It May Concern:

Reference is made to the proposal recently furnished to you on this project.

The following revision has been made to the Proposal:

On Page No. 37, the project special provision entitled "Value Engineering Proposal For Ultra Thin Bonded Wearing Course" has been added. Please void Page No. 37 in your proposal and staple the revised Page No. 37 thereto.

Sincerely,

A handwritten signature in black ink, appearing to read "R. A. Garris".

R. A. Garris, PE
Contract Officer

RAG/jag
Attachments

cc: Mr. J.G Nance, PE
Mr. Ron Hancock, PE
Mr. J. W. Bowman, PE
Ms. D. M. Barbour, PE
Mr. Art McMillan, PE
Mr. J.V. Barbour, PE
Mr. Mark Staley (2)
Project File (2)

Mr. Robert Memory
Mr. R. E. Davenport, Jr., PE
Mr. Ronnie Higgins
Mr. Larry Strickland
Ms. Marsha Sample
Ms. Norma Smith
Ms. Lori Strickland

Contractor may elect to either not use the stockpile, to request an adjustment to the JMF, or to redesign the mix.

TABLE 1012-2
NEW SOURCE RAP GRADATION and BINDER TOLERANCES
(Apply Tolerances to Mix Design Data)

Mix Type	0-20% RAP			20 ⁺ -30 % RAP			30 ⁺ % RAP		
	Base	Inter.	Surf.	Base	Inter.	Surf.	Base	Inter.	Surf.
P _b %	± 0.7%			± 0.4%			± 0.3%		
25.0	±10	-	-	±7	-	-	±5	-	-
19.0	±10	±10	-	±7	±7	-	±5	±5	-
12.5	-	±6	±6	-	±3	±3	-	±2	±2
9.5	-	-	±8	-	-	±5	-	-	±4
4.75	±10	-	±10	±7	-	±7	±5	-	±5
2.36	±8	±8	±8	±5	±5	±5	±4	±4	±4
1.18	±8	±8	±8	±5	±5	±5	±4	±4	±4
0.300	±8	±8	±8	±5	±5	±5	±4	±4	±4
0.150	-	-	±8	-	-	±5	-	-	±4
0.075	±4	±4	±4	±2	±2	±2	±1.5	±1.5	±1.5

ASPHALT BINDER CONTENT OF ASPHALT PLANT MIXES:

(1-1-02)

R6 R15

The approximate asphalt binder content of the asphalt concrete plant mixtures used on this project will be as follows:

Asphalt Concrete Base Course	Type B 25.0	4.3 %
Asphalt Concrete Intermediate Course	Type I 19.0	4.7 %
Asphalt Concrete Surface Course	Type S 4.75A	7.0 %
Asphalt Concrete Surface Course	Type SF 9.5A	6.5 %
Asphalt Concrete Surface Course	Type S 9.5	6.0 %
Asphalt Concrete Surface Course	Type S 12.5	5.5 %

The actual asphalt binder content will be established during construction by the Engineer within the limits established in the *2006 Standard Specifications*.

VALUE ENGINEERING PROPOSAL FOR ULTRA THIN BONDED WEARING COURSE:

(5-19-09)

SPI 1-17

The Department has specified the use of Ultra Thin Bonded Wearing Course for this project; however, the Department will accept Value Engineering proposals for a suitable alternate design. The Contractor will be responsible for all required modifications including but not limited to, bridge clearance, guardrails and shoulders associated with any redesign.