



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
GOVERNOR

EUGENE A. CONTI, JR.
SECRETARY

January 8, 2010

Addendum No. 1

RE: Contract ID C202232

F.A. # BRZ-2053(1)

WBS # 33353.3.1

Wake County (B-3919)

Bridges Over Austin Creek and Smith's Creek and
Approaches on SR-2053

January 19, 2010 Letting (Advertisement extended from December 15, 2009 Letting)

To Whom It May Concern:

This project was originally scheduled for a December 15, 2009 bid opening. It was decided to extend the advertisement, make some changes and open bids on Tuesday, January 19, 2010 at 2:00 PM.

This addendum involves the combining of a project to resurface the off-site detour (Part 2) with the original contract.

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

The following revisions have been made to the plans:

A new combined title sheet, new combined 1-A sheet and new combined Summary of Quantities has been added. Please staple the new combined title sheet, new combined 1-A sheet and new combined Summary of Quantities sheet to the front of your plans.

Please void the existing Sheet 1-A. Also, please void the existing Summary of Quantities Sheet No. 3.

Sheet No. TCP-3 has been revised. Please void Sheet No. TCP-3 in your plans and staple the revised Sheet No. TCP-3 thereto.

New Sheet Nos. 1, 2 and 3 (Part 2 of 2) have been added to include the resurfacing project. Please staple new Sheet Nos. 1, 2 and 3 (Part 2 of 2) to the back of your plans.
(See the new combined 1-A sheet for the order of the sheets)

MAILING ADDRESS:

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

TELEPHONE: 919-250-4128

FAX: 919-250-4119

WEBSITE: WWW.NCDOT.ORG

LOCATION:

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

The following revisions have been made to the Proposal:

The bid opening date on the proposal cover sheet has been revised from “December 15, 2009” to “January 19, 2010”. Please void the existing cover sheet and staple the revised cover sheet (Dated Revised 1-8-10) thereto.

On Page No. 1 the availability date, completion date and liquidated damages amount within the Project Special Provision entitled “Contract Time and Liquidated Damages” has been revised. Also, on Page No. 1 and New Page No. 1-A the Project Special Provision entitled “Intermediate Contract Time Number 1 and Liquidated Damages” has been added. Please void Page No. 1 in your proposal and staple the revised Page No. 1 and New Page Nos. 1-A and 1-B thereto.

On Page No. 2, the base index price within the Project Special Provision entitled “Fuel Price Adjustment” has been revised. Also on Page No. 2 the progress percentages within the Project Special Provision entitled “Schedule of Estimated Completion Progress” has been revised. Please void Page No. 2 in your proposal and staple the revised Page No. 2 thereto.

On Page No. 56 the base price index for asphalt binder within the Project Special Provision entitled “Price Adjustment-Asphalt Binder for Plant Mix” has been revised. Please void Page No. 56 in your proposal and staple the revised Page No. 56 thereto.

Beginning on Page No. 67-A, the Project Special Provisions entitled “Shoulder Reconstruction Per Shoulder Mile”, “Incidental Stone Base” and “Patching Existing Pavement” have been added. Please void Page No. 68 in your proposal and staple new Page Nos. 67-A, 67-B and 68 thereto.

The Table of Contents has been revised to reflect the above noted changes. Please void the Table of Contents in your proposal and staple the revised Table of Contents thereto.

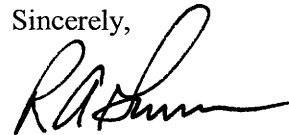
By copy of this addendum the following pay item quantities are hereby revised and new pay items hereby added:

<u>Item</u>	<u>Description</u>	<u>Old Quantity</u>	<u>New Quantity</u>
0106000000-E-230	Borrow Excavation	15,900 CY	15,972 CY
1220000000-E-545	Incidental Stone Base	150 TON	240 TON
1245000000-E-SP	Shoulder Reconstruction	New Item	3.6 SMI
1330000000-E-607	Incidental Milling	New Item	448 SY
1489000000-E-610	Asphalt Concrete Base Course, Type B25.0B	1,215 TON	2,925 TON
1519000000-E-610	Asphalt Concrete Surface Course, Type S9.5B	1,020 TON	3,505 TON
1560000000-E-620	Asphalt Binder For Plant Mix, Grade PG 64-22	170 TON	393 TON
1704000000-E-SP	Patching Existing Pavement	New Item	930 TON
4685000000-E-1205	Thermoplastic Pavement Marking Lines (4”, 90 Mils)	2,333 LF	21,341 LF
4680000000-E-1205	Thermoplastic Pavement Marking Lines (4”, 120 Mils)	3,669 LF	22,677 LF
4900000000-N-1251	Permanent Raised Pavement Markers	40 EA	197 EA
6084000000-E-1660	Seeding and Mulching	10 ACR	12.6 ACR

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

The Expedite File has been updated to reflect the change of let date. Do not use the EBS file you previously downloaded. Please download the new Expedite EBS file associated with the January 16, 2010 letting and then download and apply the addendum file dated 1/07/10. Bid Express will not accept your bid unless the new EBS file is used and the addendum has been applied.

Sincerely,



R. A. Garris, PE
Contract Officer

RAG/jag
Attachments

cc: Mr. Jon 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
Ms. Marsha Sample
Project File (2)

Mr. R.E. Davenport, PE
Mr. Ronnie Higgins
Mr. Larry Strickland
Ms. Penny Higgins
Ms. Jaci Kincaid
Ms. Norma Smith
Ms. Lori Strickland

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH, N.C.

PROPOSAL

Revised 1-8-10

DATE AND TIME OF BID OPENING: **JANUARY 19, 2010 AT 2:00 PM**

CONTRACT ID C202232
WBS 33353.3.1, 5CR.20921.27

FEDERAL-AID NO. BRZ-2053(1), STATE FUNDED

COUNTY WAKE

T.I.P. NO. B-3919

MILES 2.086

ROUTE NO. SR 2053

LOCATION BRIDGES OVER AUSTIN CREEK & SMITH'S CREEK AND APPROACHES ON SR-2053 & 1 SECTION OF SR-1945 (AVERETTE ROAD).

TYPE OF WORK WIDENING, GRADING, DRAINAGE, PAVING RESURFACING, SHOULDER RECONSTRUCTION & STRUCTURES.

NOTICE:

ALL BIDDERS SHALL COMPLY WITH ALL APPLICABLE LAWS REGULATING THE PRACTICE OF GENERAL CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA WHICH REQUIRES THE BIDDER TO BE LICENSED BY THE N.C. LICENSING BOARD FOR CONTRACTORS WHEN BIDDING ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000 OR MORE. EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. BIDDERS SHALL ALSO COMPLY WITH ALL OTHER APPLICABLE LAWS REGULATING THE PRACTICES OF ELECTRICAL, PLUMBING, HEATING AND AIR CONDITIONING AND REFRIGERATION CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA. NOT WITHSTANDING THESE LIMITATIONS ON BIDDING, THE BIDDER WHO IS AWARDED ANY PROJECT SHALL COMPLY WITH CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA FOR LICENSING REQUIREMENTS WITHIN 60 CALENDAR DAYS OF BID OPENING, REGARDLESS OF FUNDING SOURCES.

BIDS WILL BE RECEIVED AS SHOWN BELOW:

THIS IS A ROADWAY & STRUCTURE PROPOSAL

5% BID BOND OR BID DEPOSIT REQUIRED

PROJECT SPECIAL PROVISIONS

GENERAL

CONTRACT TIME AND LIQUIDATED DAMAGES:

(7-20-99) (Rev. 12-18-07)

SP1 G04

The date of availability for this contract is **March 1, 2010**, except the Contractor shall not close SR 2053 before **May 1, 2010** and except that work in jurisdictional waters and wetlands shall not begin until a meeting between the DOT, Regulatory Agencies, and the Contractor is held as stipulated in the permits contained elsewhere in this proposal. This delay in availability has been considered in determining the contract time for this project.

The completion date for this contract is **June 15, 2011**.

Except where otherwise provided by the contract, observation periods required by the contract will not be a part of the work to be completed by the completion date and/or intermediate contract times stated in the contract. The acceptable completion of the observation periods that extend beyond the final completion date shall be a part of the work covered by the performance and payment bonds.

The liquidated damages for this contract are **One Thousand Five Dollars (\$1,500.00)** per calendar day.

INTERMEDIATE CONTRACT TIME NUMBER 1 AND LIQUIDATED DAMAGES

(2-20-07)

RG 14 A

The Contractor shall complete the required work of installing, maintaining, and removing the traffic control devices for lane closures and restoring traffic to the existing traffic pattern. The Contractor shall not close or narrow a lane of traffic on **MAP 1** during the following time restrictions:

DAY AND TIME RESTRICTIONS

MONDAY THRU FRIDAY 6:00 A.M. TO 9:00 A.M.

MONDAY THRU FRIDAY 4:00 P.M. TO 7:00 PM.

In addition, the Contractor shall not close or narrow a lane of traffic on **MAP 1**, detain and/or alter the traffic flow on or during holidays, holiday weekends, special events, or any other time when traffic is unusually heavy, including the following schedules:

HOLIDAY AND HOLIDAY WEEKEND LANE CLOSURE RESTRICTIONS

1. For **unexpected occurrence** that creates unusually high traffic volumes, as directed by the Engineer.
2. For **New Year's Day**, between the hours of **4:00 p.m.** December 31st and **9:00 a.m.** January 2nd. If New Year's Day is on a Friday, Saturday, Sunday or Monday, then until **9:00 a.m.** the following Tuesday.

1-A

- 3. For **Easter**, between the hours of **4:00 p.m.** Thursday and **9:00 a.m.** Monday.
- 4. For **Memorial Day**, between the hours of **4:00 p.m.** Friday and **9:00 a.m.** Tuesday.
- 5. For **Independence Day**, between the hours of **4:00 p.m.** the day before Independence Day and **9:00 a.m.** the day after Independence Day.

If **Independence Day** is on a Friday, Saturday, Sunday or Monday, then between the hours of **4:00 p.m.** the Thursday before Independence Day and **9:00 a.m.** the Tuesday after Independence Day.

- 6. For **Labor Day**, between the hours of **4:00 p.m.** Friday and **9:00 a.m.** Tuesday.
- 7. For **Thanksgiving Day**, between the hours of **4:00 p.m.** Tuesday and **9:00 a.m.** Monday.
- 8. For **Christmas**, between the hours of **4:00 p.m.** the Friday before the week of Christmas Day and **9:00 a.m.** the following Tuesday after the week of Christmas Day.

Holidays and holiday weekends shall include New Year's, Easter, Memorial Day, Independence Day, Labor Day, Thanksgiving, and Christmas. The Contractor shall schedule his work so that lane closures will not be required during these periods, unless otherwise directed by the Engineer.

The time of availability for this intermediate contract work shall be the time the Contractor begins to install all traffic control devices for lane closures according to the time restrictions listed herein.

The completion time for this intermediate contract work shall be the time the Contractor is required to complete the removal of all traffic control devices for lane closures according to the time restrictions stated above and place traffic in the existing traffic pattern.

The liquidated damages are **Two Hundred Fifty Dollars (\$250.00) per fifteen (15) minutes.**

MAJOR CONTRACT ITEMS:

(2-19-02)

SP1 G28

The following listed items are the major contract items for this contract (See Articles 101 and 104-5 of the *2006 Standard Specifications*):

Line #	Description
140	3'-0" x 2'-9" Prestressed Concrete Box Beams
141	3'-0" x 3'-3" Prestressed Concrete Box Beams

1-B

SPECIALTY ITEMS:

(7-1-95)

SP1 G37

Items listed below will be the specialty items for this contract (See Article 108-6 of the 2006 Standard Specifications).

Line #	Description
41 thru 44	Guardrail
49 thru 53	Signing
59 thru 65	Long-Life Pavement Markings
67	Permanent Pavement Markers
68 thru 75	Utility Construction
76 thru 102	Erosion Control
103	Reforestation

FUEL PRICE ADJUSTMENT:

(11-15-05) (Rev 1-20-09)

SP1 G43

Revise the 2006 Standard Specifications as follows:

Page 1-93 Subarticle 109-8, add the following:

The base index price for DIESEL #2 FUEL is \$ 2.1333 per gallon.

Where any of the following are included as pay items in the contract, they will be eligible for fuel price adjustment.

The pay items and the fuel factor used in calculating adjustments to be made will be as follows:

Description	Units	Fuel Usage Factor Diesel
Unclassified Excavation	Gal/CY	0.29
Borrow Excavation	Gal/CY	0.29
Aggregate Base Course	Gal/Ton	0.55
Asphalt Concrete Base Course, Type ____	Gal/Ton	2.90
Asphalt Concrete Intermediate Course, Type ____	Gal/Ton	2.90
Asphalt Concrete Surface Course, Type ____	Gal/Ton	2.90
Open-Graded Asphalt Friction Course	Gal/Ton	2.90
Sand Asphalt Surface Course, Type ____	Gal/Ton	2.90
Aggregate for Cement Treated Base Course	Gal/Ton	0.55
Portland Cement for Cement Treated Base Course	Gal/Ton	0.55
____ In. Portland Cement Concrete Pavement	Gal/SY	0.245
Concrete Shoulders Adjacent to ____ In. Pavement	Gal/SY	0.245

SCHEDULE OF ESTIMATED COMPLETION PROGRESS:

(7-15-08)

SP1 G58

The Contractor's attention is directed to the Standard Special Provision entitled *Availability Of Funds Termination Of Contracts* included elsewhere in this proposal. The Department of Transportation's schedule of estimated completion progress for this project as required by that Standard Special Provision is as follows:

	<u>Fiscal Year</u>	<u>Progress (% of Dollar Value)</u>
2010	(7/01/09 - 6/30/10)	37% of Total Amount Bid
2011	(7/01/10 - 6/30/11)	63% of Total Amount Bid

The Contractor shall also furnish his own progress schedule in accordance with Article 108-2 of the 2006 Standard Specifications. Any acceleration of the progress as shown by the Contractor's progress schedule over the progress as shown above shall be subject to the approval of the Engineer.

ASPHALT PAVER - FIXED STRING LINE:

(10-21-03)

SP6 R06

The Contractor's attention is directed to Article 610-8 of the *2006 Standard Specifications* dealing with automatically controlled screeds on the asphalt pavement spreaders. A fixed string line is required on this project.

ASPHALT BINDER CONTENT OF ASPHALT PLANT MIXES:

(11-21-00)

SP6 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*.

ASPHALT PLANT MIXTURES:

(7-1-95)

SP6 R20

Place asphalt concrete base course material in trench sections with asphalt pavement spreaders made for the purpose or with other equipment approved by the Engineer.

PRICE ADJUSTMENT - ASPHALT BINDER FOR PLANT MIX:

(11-21-00)

SP6 R25

Price adjustments for asphalt binder for plant mix will be made in accordance with Section 620 of the *2006 Standard Specifications*.

The base price index for asphalt binder for plant mix is **\$419.67** per ton.

This base price index represents an average of F.O.B. selling prices of asphalt binder at supplier's terminals on **December 1, 2009**.

MASONRY DRAINAGE STRUCTURES:

(10-16-07)

SP8 R01

Revise the *2006 Standard Specifications* as follows:

Page 8-31, Article 840-4 Measurement and Payment, add the following at the end of the second paragraph:

For that portion of *Masonry Drainage Structure* measured above a height of 10.0 feet, payment will be made at 1.3 times the contract unit price per linear foot for *Masonry Drainage Structure*.

additive. The incentive additive will be determined by multiplying the number of acres of seeding and mulching satisfactorily completed times the contract unit bid price per acre for Seeding and Mulching times the appropriate percentage additive.

Percentage of Elapsed Contract Time	Percentage Additive
0% - 30%	30%
30.01% - 50%	15%

Percentage of elapsed contract time is defined as the number of calendar days from the date of availability of the contract to the date the permanent seeding and mulching is acceptably completed divided by the total original contract time.

SHOULDER RECONSTRUCTION PER SHOULDER MILE:

(1-18-00) (Rev 1-19-10)

R1 R07A (Rev.)

Description

For the resurfacing of Map #1 reconstruct each shoulder (including median shoulders as applicable) in accordance with Roadway Standard Nos. 560.01 and 560.02 except that the rate of slope and width will be as shown on typical section, or to the existing shoulder point, whichever is nearer, as long as the desired typical is achieved, and when completed, seeding and mulching. This work shall be performed immediately after the resurfacing operations are complete as directed by the Engineer.

Materials

The Contractor shall furnish all earth material necessary for the construction of the shoulders. Provide soil with a P.I. greater than 6 and less than 25 and with a pH ranging from 5.5 to 6.8 and capable of supporting vegetation. Remove stones and other foreign material 2 inches or larger in diameter. All soil is subject to test and acceptance or rejection by the Engineer.

Construction Methods

Obtain material from within the project limits or approved borrow source. Prior to adding borrow material, the existing shoulder shall be scarified to provide the proper bond and shall be compacted to the satisfaction of the Engineer.

Any excess material generated by the shoulder reconstruction shall be disposed of by the Contractor in an approved disposal site.

Measurement and Payment

Shoulder Reconstruction will be measured and paid for as the actual number of miles of shoulders that have been reconstructed. Measurement will be made along the surface of each shoulder to the nearest 0.01 of a mile. Such price will include disposing of any excess material in an approved disposal site, and for all labor, tools, equipment, and incidentals necessary to complete the work.

Borrow Excavation will be paid for in accordance with Section 230 of the *Standard Specifications* for earth material furnished by the Contractor.

Incidental Stone Base will be measured and paid for as provided in Article 545-6 of the *Standard Specifications*.

67-B

Seeding and Mulching will be measured and paid for as shown elsewhere in the contract documents.

Payment will be made under:

Pay Item	Pay Unit
Shoulder Reconstruction	Shoulder Mile
Borrow Excavation	Cubic Yard

INCIDENTAL STONE BASE:

(7-1-95) (Rev.7-18-06)

R5 R28

Description

Place incidental stone base on driveways, mailboxes, etc. immediately after paving and do not have the paving operations exceed stone base placement by more than one week without written permission of the Engineer.

Materials and Construction

Provide and place incidental stone base in accordance with the requirements of Section 545 of the *2006 Standard Specifications*.

Measurement and Payment

Incidental Stone Base will be measured and paid for in accordance with Article 545-6 of the *2006 Standard Specifications*.

PATCHING EXISTING PAVEMENT:

(1-15-02) (Rev.7-18-06)

R6 R88

Description

The Contractor's attention is directed to the fact that there are areas of existing pavement on this project that will require repair prior to resurfacing. Patch the areas that, in the opinion of the Engineer, need repairing. The areas to be patched will be delineated by the Engineer prior to the Contractor performing repairs.

Materials

The patching consists of Asphalt Concrete Base Course, Asphalt Concrete Intermediate Course, Asphalt Concrete Surface Course, or a combination of base, binder and surface course.

Construction Methods

Remove existing pavement at locations directed by the Engineer in accordance with Section 250 of the *Standard Specifications*.

Place Asphalt Concrete Base Course, in lifts not exceeding 5 1/2 inches. Utilize compaction equipment suitable for compacting patches as small as 3.5 feet by 6 feet on each lift.

Use an approved compaction pattern to achieve proper compaction. If patched pavement is to be open to traffic for more than 48 hours prior to overlay, use Asphalt Surface Course in the top 1.25 inches of the patch.

Schedule operations so that all areas where pavement has been removed, will be repaired on the same day of the pavement removal and all lanes of traffic restored.

Measurement and Payment

Patching Existing Pavement will be measured and paid for as the actual number of tons of asphalt plant mix complete in place that has been used to make completed and accepted repairs. The asphalt plant mixed material will be measured by being weighed in trucks on certified platform scales or other certified weighing devices. The above price and payment will be full compensation for all work covered by this provision, including but not limited to removal and disposal of pavement; furnishing and applying tack coat; furnishing, placing, and compacting of asphalt plant mix; furnishing of asphalt binder for the asphalt plant mix; and furnishing scales.

Patching Existing Pavement will be considered a minor item. In the event that the item of Patching Existing Pavement overruns the original bid quantity by more than 100 percent, the provisions of Article 104-5 of the *Standard Specifications* pertaining to revised contract unit price for overrunning minor items will not apply to this item. Any provisions included in the contract that provides for adjustments in compensation due to variations in the price of asphalt binder will not be applicable to payment for the work covered by this provision.

Payment will be made under:

Pay Item	Pay Unit
Patching Existing Pavement	Ton

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PROPOSAL ITEM SHEET AND SIGNATURE SHEET

- Item Sheet (s)
- Signature Sheet (Bid Acceptance by Department)