




STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

August 22, 2006

NOTICE TO: All Invitation to Bid Recipients
FROM: R. A. Garris, P.E. 
Contract Officer
SUBJECT: Release of Bid Tabulation Prior to Project Award

At the request of the Associated General Contractors (AGC) the Department will no longer post on the internet or make printed distribution of bid tabulations until after a project is awarded.

The AGC's request is a result of their concern about release of unit prices on projects in which bids are rejected and the disadvantage that could be created when the project is re-advertised.

Therefore, beginning with the August 15, 2006 Highway letting bid tabulations will not be posted on the internet or an external distribution made until after the project has been awarded. Projects that are rejected will not be part of the information posted or distributed.

If you have any questions, I can be reached at (919) 250-4124.




STATE OF NORTH CAROLINA
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July 18, 2006

TO: All Prospective Contractors
FROM: R.A. Garris, PE, Contract Officer 
SUBJECT: Fuel Price Adjustment Policy Change

Effective with the August 15, 2006 Letting, the Proposals and Contract Office will begin including the Fuel Price Adjustment provision in all contracts that contain an item on the Fuel Price Adjustment List regardless of the quantity of the item involved. Prior to this change, only items identified as major items were included in the fuel price adjustment provision. The list of potential items and fuel adjustment factors will not be changed. This policy will be implemented on all projects let out of the Raleigh Contract Office.

If there are any questions, I can be reached at 919-250-4124.

Attachment: Project Special Provision for Fuel Price Adjustment

FUEL PRICE ADJUSTMENT:

(11-15-05)

SPI 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 \$ per gallon.

The selected item(s) of work and the fuel factor used in calculating adjustments to be made are as follows:

Line #	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 B25.0	Gal/Ton	2.90
	Asphalt Concrete Base Course, Type B37.5C	Gal/Ton	2.90
	Asphalt Concrete Intermediate Course, Type I19.0	Gal/Ton	2.90
	Asphalt Concrete Surface Course, Type S4.75A & SF 9.5A	Gal/Ton	2.90
	Asphalt Concrete Surface Course, Type S9.5	Gal/Ton	2.90
	Asphalt Concrete Surface Course, Type S12.5	Gal/Ton	2.90
	Open-Graded Asphalt Friction Course	Gal/Ton	2.90
	Sand Asphalt Surface Course, Type F-1	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



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May 23, 2006

Memorandum To: Invitation To Bid Recipients

From: R.A. Garris, P.E.
Contract Officer

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

Subject: Electronic Plans

In an effort to provide the industry with electronic data in a more efficient and effective manner, the Department has made changes in the way plans and proposals are made available electronically. The plans are divided into categories as before, but now each category is an individual file that can be downloaded and printed in its entirety or a range of plan sheets can be printed. This method is much faster as opposed to the previous method. If you have not done so already, please visit the following web address:

<http://www.ncdot.org/doh/construction/ps/contracts/letting.html>

Prospective bidders are cautioned to the fact that the Department will not be responsible nor accept any claims resulting in incomplete plans being downloaded and printed for the purpose of placing bids.

Please remember all prospective bidders are required to purchase plans/proposals for each project for which he intends to submit a bid.

If you have any questions, I can be reached at (919) 250-4124.

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
CONTRACTS & PROPOSALS
1591 MAIL SERVICE CENTER

TELEPHONE: 919-250-4124
FAX: 919-250-4127

WEBSITE: WWW.DOH.DOT.STATE.NC.US

LOCATION:
CENTURY CENTER COMPLEX
BUILDING B - ENTRANCE B 15
1020 BIRCH RIDGE DRIVE




STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

January 24, 2006

MEMORANDUM TO: Prospective Bidders

FROM: R.A. Garris, P.E. 
Contract Officer

SUBJECT: Erosion and Sediment Control/ Stormwater
Certification Training

As you are aware, the Department has implemented the first phase of Erosion and Sediment Control/ Stormwater Certification for DOT, CEI, and Contractor's personnel. The purpose of this memo is to outline the goals for the Department and identify Contractor and CEI personnel impacted. North Carolina State University's Department of Biological and Agricultural Engineering will administer the certification program. The certification includes classroom instruction and satisfactory completion of an examination. Candidates may waive the classroom instruction and attend the examination only.

Three (3) levels of certification are planned:

- Level I will target Installers/Inspectors involved with the installation and inspection of temporary and permanent erosion and sediment control/stormwater bid items. Candidates are: contractor's/subcontractor's installer on an Erosion Control/Stormwater BMP Installation Crew, Pipe Installation Crew within jurisdictional areas, or Seeding and Mulching Crew; and CEI TT's inspecting erosion control/stormwater bid items. One Level I installer for each crew will be required on all projects that have erosion control plans beginning in 2007. Level I certification training classes will be held in March and April 2006 at the Sediment and Erosion Control Research and Education Facility in Raleigh. **Early registration encouraged.**
- Level II will target CEI TT's serving as the chief or lead inspector on a project. Also, Level II will target contractor's/subcontractor's site manager for: grading operations; bridge/culvert operations over rivers/streams; and utility operations involving earth disturbance. One Level II site manager for each crew was required on all projects that have erosion control plans beginning with the January 17, 2006 letting. Although Level II has already been implemented, certification training will continue to be offered in early 2006 and then afterwards on an as needed basis. **Early registration encouraged.**

Prospective Bidders
January 24, 2006
Page 2

- Level III will target contractor's, CEI's, and PEF's who prepare or oversee the preparation of erosion and sediment control and stormwater pollution prevention plans and reclamation plans. The implementation date for Level III has not yet been determined.

To obtain detailed information regarding the certification program, review locations for Level I and II classes or registration, or view the project special provision included in contracts, please visit the certification website at:
www.bae.ncsu.edu/workshops/dot/index.html

Those wishing to sponsor a certification training class and examination with 50 or more candidates can contact NCSU at the above website.

Questions not addressed on the website may be directed to Ted Sherrod of the Roadside Environmental Unit at tsherrod@dot.state.nc.us or by phone at (919) 733-2920.

RAG/TMS

cc: Steve DeWitt, P.E., Director of Construction
Ellis Powell, P.E., State Construction Engineer
Don Lee, CPESC, State Roadside Environmental Engineer

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
INVITATION TO BID**

ELECTRONIC BIDS FOR THE CONSTRUCTION OF THE FOLLOWING PROJECTS WILL BE PUBLICLY READ IN ROOM 156-A/B, THE PROJECT SERVICES LARGE CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. AT **2:00 PM ON SEPTEMBER 19, 2006**. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 2:00 PM.

BIDS SHALL BE SUBMITTED IN ACCORDANCE WITH THE SPECIAL PROVISION TITLED "ON-LINE ELECTRONIC BIDDING" CONTAINED IN EACH PROPOSAL FORM.

1. THE BIDDER SHALL PURCHASE A PROPOSAL FOR EACH PROJECT FOR WHICH HE INTENDS TO SUBMIT A BID IN RESPONSE TO THIS INVITATION TO BID.

2. A BID BOND OR BID DEPOSIT IN THE AMOUNT OF 5% OF THE TOTAL AMOUNT BID WILL BE REQUIRED. THE BIDDER SHALL SUBMIT AN ELECTRONIC BID BOND WITH EACH ELECTRONIC BID SUBMITTAL UNLESS HE ELECTS TO FURNISH A BID DEPOSIT.

3. UPON RECEIPT OF AWARD LETTER, THE SUCCESSFUL BIDDER SHALL FURNISH A PROPERLY EXECUTED EXECUTION OF CONTRACT, NON-COLLUSION AFFIDAVIT AND DEBARMENT CERTIFICATION, AND EXECUTED PAYMENT AND PERFORMANCE BONDS FOR EACH CONTRACT. AFFIDAVIT FORMS AND BOND FORMS ARE AVAILABLE AS PART OF THE CONTRACT EXECUTION FORMS AT THE FOLLOWING WEBSITE
<http://www.ncdot.org/doh/construction/ps/contracts/letting.html>.

ALL QUESTIONS RELATED TO PROJECTS DURING THE ADVERTISEMENT PERIOD SHALL BE ADDRESSED TO THE STATE CONTRACT OFFICER AT 919-250-4124.

THE MINIMUM WAGE FOR LABOR WILL BE SHOWN IN THE PROPOSAL FORM FOR FEDERAL AID PROJECTS.

CONTRACTOR'S LICENSE: A GENERAL CONTRACTOR'S LICENSE IS REQUIRED IN ORDER TO SUBMIT A BID ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000.00 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. FOR ADDITIONAL INFORMATION OR TO MAKE APPLICATION FOR A LICENSE, APPLY TO THE EXECUTIVE SECRETARY OF THE CONTRACTOR LICENSING BOARD, P.O. BOX 17187, RALEIGH, NC 27619, (919-571-4183).

PREQUALIFYING TO BID: ALL PROSPECTIVE BIDDERS SHALL BE PREQUALIFIED WITH THE DEPARTMENT OF TRANSPORTATION PRIOR TO SUBMITTING A BID. CONTRACTORS WHO ARE NOT PREQUALIFIED MAY OBTAIN INFORMATION AND FORMS FOR PREQUALIFYING FROM THE CONTRACTUAL SERVICES UNIT, DIVISION OF HIGHWAYS, DEPARTMENT OF TRANSPORTATION, 1509 MAIL SERVICE CENTER, RALEIGH, N. C., 27699-1509. ALL REQUIRED PREQUALIFICATION STATEMENTS AND DOCUMENTS SHALL BE FILED WITH THE CONTRACTUAL SERVICES UNIT AT LEAST FOUR WEEKS PRIOR TO THE DATE OF OPENING BIDS.

THE DEPARTMENT OF TRANSPORTATION HEREBY NOTIFIES ALL BIDDERS THAT IT WILL AFFIRMATIVELY INSURE THAT IN ANY CONTRACT ENTERED INTO PURSUANT TO THIS INVITATION TO BID, MINORITY BUSINESS ENTERPRISES WILL BE AFFORDED FULL OPPORTUNITY TO SUBMIT BIDS IN RESPONSE TO THIS INVITATION AND WILL NOT BE DISCRIMINATED AGAINST ON THE GROUNDS OF RACE, COLOR, SEX, OR NATIONAL ORIGIN IN COMPENSATION TO THIS AWARD.

PROPOSAL FORMS AT **\$25.00** EACH, PLANS (SMALL SIZE) AT **\$40.00** PER SET, PLANS (LARGE SIZE) AT **\$100.00** PER SET, AND CROSS-SECTIONS AT **\$40.00** PER SET, PLUS SALES TAX FOR N.C. RESIDENTS, MAY BE OBTAINED BY TELEPHONING (919-250-4124), FAXING (919-250-4127), OR WRITING TO: PLANS AND PROPOSALS, PROJECT SERVICES UNIT, DEPARTMENT OF TRANSPORTATION, 1591 MAIL SERVICE CENTER, RALEIGH, N.C., 27699-1591. THESE CHARGES ARE NOT DEPOSITS AND WILL NOT BE REFUNDED. ALL ORDERS FOR PROPOSAL FORMS, PLANS AND CROSS-SECTIONS DELIVERED IN NORTH CAROLINA ARE SUBJECT TO 7% SALES TAX. ORDERS MAILED TO OUT OF STATE CONTRACTORS ARE NOT SUBJECT TO SALES TAX. MAKE ALL CHECKS PAYABLE TO THE "**N.C. DEPARTMENT OF TRANSPORTATION**".

THE RIGHT IS RESERVED TO REJECT ANY OR ALL BIDS.

**TODAY'S DATE IS AUGUST 22, 2006.
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

(Revised on 21Mar2006)

REVIEW OF PLANS AND PROPOSALS IN DIVISION OFFICE

IN ORDER TO FACILITATE AND ENCOURAGE THE INVOLVEMENT OF MINORITY BUSINESS ENTERPRISES IN THE HIGHWAY CONSTRUCTION PROCESS, IT IS THE POLICY OF THE DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS, THAT A SET OF PLANS AND PROPOSAL FOR EACH PROJECT TO BE LET WILL BE MAINTAINED FOR REVIEW BY ANY CONTRACTOR INTERESTED IN BIDDING UPON OR QUOTING WORK IN AN ADVERTISED PROJECT.

THE PROPOSALS AND PLANS WILL BE AVAILABLE FOR REVIEW BEGINNING TWO WEEKS PRIOR TO THE DATE OF BID OPENING IN THE DIVISION OFFICE WHICH WILL ADMINISTER THE CONTRACT. THE DEPARTMENT WILL, UPON REQUEST, MAKE AVAILABLE FROM ITS STAFF A PERSON TO EXPLAIN THE PROPOSED PROJECT AND TO ANSWER GENERAL QUESTIONS RELATING TO THE PROJECT. THE PLANS AND PROPOSALS CAN BE REVIEWED ANY TIME MONDAY THRU FRIDAY, EXCLUDING HOLIDAYS, BETWEEN THE HOURS OF 8:00 A.M. AND 4:30 P.M. IN THE DIVISION OFFICE. IN ORDER TO HAVE A MEMBER OF THE STAFF EXPLAIN THE PROJECT AND/OR ANSWER GENERAL QUESTIONS PERTAINING TO THE PROJECT, PRIOR APPOINTMENTS MUST BE MADE BY CALLING THE APPROPRIATE DIVISION OFFICE.

FOLLOWING ARE THE LOCATIONS AND TELEPHONE NUMBERS OF THE OFFICES IN WHICH THE PLANS AND PROPOSALS WILL BE MADE AVAILABLE, REFERENCE SHOULD BE MADE TO THE SHEETS CONTAINING THE INDIVIDUAL PROJECT QUANTITIES TO DETERMINE WHICH DIVISION OFFICE WILL ADMINISTER THE CONTRACT.

<u>DIV NO.</u>	<u>DIVISION ENGINEER</u>	<u>LOCATION</u>	<u>TOWN</u>	<u>TELEPHONE</u>
00001	Anthony W Roper, PE	113 AIRPORT DRIVE, SUITE 100	EDENTON	(252) 482-7977
00002	Cornelius E Lassiter, Jr., PE	PO BOX 1587	GREENVILLE	(252) 830-3490
00003	H. Allen Pope, PE	124 DIVISION DRIVE	WILMINGTON	(910) 251-5724
00004	Richard E Greene, Jr., PE	PO BOX 3165	WILSON	(252) 237-6164
00005	Jonathan G Nance, PE	2612 NORTH DUKE STREET	DURHAM	(919) 560-6851
00006	Terry R Gibson, PE	PO BOX 1150	FAYETTEVILLE	(910) 486-1493
00007	James M Mills, PE	PO BOX 14996	GREENSBORO	(336) 334-3192
00008	Tim Johnson, PE	PO BOX 1067	ABERDEEN	(910) 944-2344
00009	S. Pat Ivey, PE	375 SILAS CREEK PARKWAY	WINSTON-SALEM	(336) 703-6500
00010	Barry S Moose	716 WEST MAIN STREET	ALBEMARLE	(704) 982-0101
00011	Michael A Pettyjohn, PE	PO BOX 250	NORTH WILKESBORO	(336) 667-9111
00012	Michael L Holder, PE	PO BOX 47	SHELBY	(704) 480-5400
00013	Jay J Swain, PE	PO BOX 3279	ASHEVILLE	(828) 251-6171
00014	Joel B Setzer, PE	253 WEBSTER ROAD	SYLVA	(828) 586-2141

===== SUMMARY OF PROPOSALS =====

Bid Letting Number L060919

RPN	Contract Id	WBS	County	Length	JobType
001	C201471	33188.3.2	GATES	0.063 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
002	C201634	39692	LEE	0.480 MI	WIDENING, GRADING, DRAINAGE, PAVING & UTILITIES.
003	C201578	34428.3.3	JACKSON	0.502 MI	GRADING, DRAINAGE, PAVING, GUARDRAIL, & PAVEMENT MARKINGS.

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L060919 001

CONTRACT ID : C201471 33188.3.2

DIV OFFICE EDENTON

LENGTH = 0.063 MI

COUNTY : GATES

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 3.0% COMPLETION DATE : JUL 15 2007

BRIDGE OVER MERCHANTS MILL POND AND APPROACHES ON SR-1400.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	GENERIC MISCELLANEOUS ITEM ROADWAY CONSTRUCTION
5	EA	GENERIC GUARDRAIL ITEM PAINTED ADDITIONAL GUARDRAIL POSTS
4	EA	GENERIC GUARDRAIL ITEM PAINTED GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GENERIC GUARDRAIL ITEM PAINTED GUARDRAIL ANCHOR UNITS, TYPE III

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+11.50 -L-)
2	EA	PDA TESTING
2	EA	PDA ASSISTANCE
849	CY	UNCLASSIFIED STRUCTURE EXCAVA- TION
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+11.50 -L-)
770	LF	HP12X53 STEEL PILES
1,120	LF	PP 18 X 0.50 GALVANIZED STEEL PILES
4	EA	PILE REDRIVES
Lump Sum	LS	CONSTRUCTION OF SUBSTRUCTURE
Lump Sum	LS	CONSTRUCTION OF SUPERSTRUCTURE
Lump Sum	LS	GENERIC STRUCTURE ITEM CONSTRUCTION OF SPILLWAY
945	TON	GENERIC STRUCTURE ITEM STONE SLOPE PROTECTION

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L060919 002

CONTRACT ID : C201634 39692

DIV OFFICE ABERDEEN

LENGTH = 0.480 MI

COUNTY : LEE

WIDENING, GRADING, DRAINAGE, PAVING & UTILITIES.

MBE GOAL 3.0% WBE 3.0% COMPLETION DATE : JUN 29 2007

SR-1579 FROM SR-1535 TO SR-1538.

		ROADWAY ITEMS				
				720	LF	GENERIC UTILITY ITEM 10" DI WATER LINE, PC350
Lump Sum	LS	MOBILIZATION		1,571	LF	GENERIC UTILITY ITEM 10" PVC WATER LINE, SDR 21, 200#WP
Lump Sum	LS	GRADING		7	LF	UTILITY MANHOLE WALL, 4' DIA
722	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS		2,265	LF	ABANDON 8" UTILITY PIPE
20	LF	15" SIDE DRAIN PIPE		300	LF	TEMPORARY SILT FENCE
3,322	LF	15" RC PIPE CULVERTS, CLASS III		15	TON	STONE FOR EROSION CONTROL, CLASS A
128	LF	18" RC PIPE CULVERTS, CLASS III		50	TON	STONE FOR EROSION CONTROL, CLASS B
3	EA	*** PIPE END SECTION (15")		160	TON	SEDIMENT CONTROL STONE
2	EA	*** PIPE END SECTION (18")		1.75	ACR	TEMPORARY MULCHING
252	LF	PIPE REMOVAL		750	SY	MATTING FOR EROSION CONTROL
400	TON	INCIDENTAL STONE BASE		550	LF	1/4" HARDWARE CLOTH
400	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 3")		2.06	ACR	SEEDING & MULCHING
1,725	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B				
705	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B				
1,890	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B				
221	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22				
116	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR				
0.5	CY	PIPE COLLARS				
0.2	CY	PIPE PLUGS				
32	EA	MASONRY DRAINAGE STRUCTURES				
9	EA	FRAME WITH TWO GRATES, STD 840.16				
2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)				
16	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)				
5	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)				
2	EA	FRAME WITH COVER, STD 840.54				
4,545	LF	2'-6" CONCRETE CURB & GUTTER				
300	SY	6" CONCRETE DRIVEWAY				
10	EA	ADJUSTMENT OF MANHOLES				
5	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES				
2	EA	CONVERT EXISTING DROP INLET TO CATCH BASIN				
8	TON	RIP RAP, CLASS B				
27	SY	FILTER FABRIC FOR DRAINAGE				
Lump Sum	LS	GENERIC TRAFFIC CONTROL ITEM TEMPORARY TRAFFIC CONTROL				
150	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)				
7,500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)				
120	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)				
145	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)				
19	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)				
7,500	LF	PAINT PAVEMENT MARKING LINES (4")				
133	EA	PERMANENT RAISED PAVEMENT MARKERS				
238	LF	6" WATER LINE				
10	LF	8" WATER LINE				
6	EA	6" VALVE				
1	EA	8" VALVE				
3	EA	10" VALVE				
7	EA	RELOCATE WATER METER				
5	EA	RECONNECT WATER METER				
4	EA	RELOCATE FIRE HYDRANT				
20	LF	8" SANITARY GRAVITY SEWER				

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L060919 003

CONTRACT ID : C201578 34428.3.3

DIV OFFICE SYLVA

LENGTH = 0.502 MI

COUNTY : JACKSON

GRADING, DRAINAGE, PAVING, GUARDRAIL, & PAVEMENT MARKINGS.

MBE GOAL 2.0% WBE 4.0% COMPLETION DATE : AUG 01 2008

US-64, EAST OF CASHIERS.

		ROADWAY ITEMS			
				50	TON PLAIN RIP RAP, CLASS I
				500	TON PLAIN RIP RAP, CLASS A
				94	TON PLAIN RIP RAP, CLASS B
				2,475	SY FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	MOBILIZATION		232	SF WORK ZONE SIGNS (STATIONARY)
Lump Sum	LS	CONSTRUCTION SURVEYING		144	SF WORK ZONE SIGNS (PORTABLE)
Lump Sum	LS	CLEARING & GRUBBING . ACRE(S)		36	EA DRUMS
	1	ACR SUPPLEMENTARY CLEARING & GRUB- BING		128	LF BARRICADES (TYPE III)
	251,000	CY UNCLASSIFIED EXCAVATION		35	HR FLAGGER
	100	CY UNDERCUT EXCAVATION		2,663	LF PORTABLE CONCRETE BARRIER
	500	TON CLASS IV SUBGRADE STABILIZA- TION (IV)		1,112.5	LF RESET PORTABLE CONCRETE BAR- RIER
	33,000	SY PRE-SPLITTING OF ROCK		150	EA TEMPORARY RAISED PAVEMENT MARKERS
	65	CY DRAINAGE DITCH EXCAVATION		22,092	LF PAINT PAVEMENT MARKING LINES (4")
	6,700	SY REMOVAL OF EXISTING ASPHALT PAVEMENT		16	LF PAINT PAVEMENT MARKING LINES (24")
	3	HR PROOF ROLLING		8,762	LF POLYUREA PAVEMENT MARKING LINES (4")
	500	CY SELECT GRANULAR MATERIAL		16	LF POL YUREA PAVEMENT MARKING LINES (24")
	500	SY FABRIC FOR SOIL STABILIZATION		5	EA POLYUREA PAVEMENT MARKING SYMBOL
	30	TON FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS		6,000	LF REMOVAL OF PAVEMENT MARKING LINES (4")
	88	LF 15" SIDE DRAIN PIPE		112	EA SNOWFLOWABLE PAVEMENT MARKERS
	84	LF 15" RC PIPE CULVERTS, CLASS III		3,000	LF TEMPORARY SILT FENCE
	184	LF 24" RC PIPE CULVERTS, CLASS III		17	TON STONE FOR EROSION CONTROL, CLASS A
	400	LF GENERIC PIPE ITEM 1-1/2" SLOTTED PVC 2110 PIPE, TYPE II		490	TON STONE FOR EROSION CONTROL, CLASS B
	100	LF GENERIC PIPE ITEM 1-1/2" UNSLOTTED PVC 2110 PIPE, TYPE II		50	TON SEDIMENT CONTROL STONE
	500	LF GENERIC PIPE ITEM HORIZONTAL DRAIN BOREHOLE		1	ACR TEMPORARY MULCHING
	4,200	LF GENERIC PIPE ITEM WEEP HOLES		200	LB SEED FOR TEMPORARY SEEDING
	197	LF PIPE REMOVAL		0.1	TON FERTILIZER FOR TEMPORARY SEED- ING
Lump Sum	LS	FINE GRADING		600	LF TEMPORARY SLOPE DRAINS
	9,400	TON AGGREGATE BASE COURSE		6	EA INLET PROTECTION AT TEMPORARY SLOPE DRAINS
	500	TON INCIDENTAL STONE BASE		100	CY SILT EXCAVATION
	2,002	CY SHOULDER BORROW		5,000	SY MATTING FOR EROSION CONTROL
	4,305	GAL PRIME COAT		50	LF 1/4" HARDWARE CLOTH
	2,253	SY MILLING ASPHALT PAVEMENT, **** DEPTH (12")		4.4	ACR SEEDING & MULCHING
	200	SY INCIDENTAL MILLING		0.1	TON FERTILIZER TOPDRESSING
	922	TON ASPHALT CONC BASE COURSE, TYPE B25.0B			
	2,150	TON ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B			
	2,050	TON ASPHALT CONC SURFACE COURSE, TYPE S9.5C			
	142	TON ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
	123	TON ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22			
	25	TON ASPHALT PLANT MIX, PAVEMENT REPAIR			
	336	CY SUBDRAIN EXCAVATION			
	168	CY SUBDRAIN FINE AGGREGATE			
	1,000	LF 6" PERFORATED SUBDRAIN PIPE			
	30	EA 6" SUBDRAIN PIPE WYES, TEES, & ELBOWS			
	2	EA CONCRETE PAD FOR SUBDRAIN PIPE OUTLET			
	12	LF 6" OUTLET PIPE (SUBDRAINS)			
	1.105	CY PIPE COLLARS			
	2	EA MASONRY DRAINAGE STRUCTURES			
	2	EA FRAME WITH GRATE, STD 840.24			
	6	EA FRAME WITH TWO GRATES, STD 840.24			
	425	LF STEEL BM GUARDRAIL			
	5	EA ADDITIONAL GUARDRAIL POSTS			
	2	EA GUARDRAIL ANCHOR UNITS, TYPE CAT-1			
	6	EA GUARDRAIL ANCHOR UNITS, TYPE 350			
	2,200	LF REMOVE EXISTING GUARDRAIL			

