

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 DESIGN SERVICES LARGE CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. AT **10:00AM ON FEBRUARY 18, 2003**. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 10:00 A.M.

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

THE BIDDER SHALL FURNISH A NON-COLLUSION AFFIDAVIT FOR EACH BID. AFFIDAVIT FORMS WILL BE INCLUDED IN THE PROPOSAL AS PART OF THE SIGNATURE SHEETS.

A BID BOND OR BID DEPOSIT IN THE AMOUNT OF 5% OF THE TOTAL AMOUNT BID WILL BE REQUIRED. THE BIDDER SHALL USE THE STANDARD BID BOND FORM OF THE DEPARTMENT OF TRANSPORTATION, UNLESS HE ELECTS TO FURNISH A BID DEPOSIT. COPIES OF THIS BOND FORM WILL BE ENCLOSED WITH EACH PROPOSAL FORM. ADDITIONAL BOND FORMS MAY BE OBTAINED FROM THE RALEIGH OFFICE. (PHONE - 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).

STATE PRIVILEGE LICENSE TAXES: CONTRACTORS WHO BID UPON AND/OR ARE AWARDED NORTH CAROLINA HIGHWAY CONSTRUCTION PROJECTS ARE SUBJECT TO CONTRACTOR BIDDERS AND/OR CONTRACTOR PROJECT PRIVILEGE LICENSE TAXES UNDER G.S. 105-54 OF THE STATE REVENUE LAWS. FOR INFORMATION, WRITE TO THE NORTH CAROLINA DEPARTMENT OF REVENUE, LICENSE AND EXCISE TAX DIVISION, P.O. BOX 25000, RALEIGH, NC 27640, OR CALL 919-733-3673.

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 MANAGER OF CONSTRUCTION, DIVISION OF HIGHWAYS, DEPARTMENT OF TRANSPORTATION, 1543 MAIL SERVICE CENTER, RALEIGH, N. C., 27699-1543. ALL REQUIRED PREQUALIFICATION STATEMENTS AND DOCUMENTS SHALL BE FILED WITH THE MANAGER OF CONSTRUCTION AT LEAST TWO 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, DESIGN 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 JANUARY 21, 2003.
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)

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	D. R. Conner	113 AIRPORT DRIVE	EDENTON	(252) 482-7977
00002	C. E. Lassiter, Jr.	105 PACTOLUS ROAD	GREENVILLE	(252) 830-3490
00003	H. A. Pope	124 DIVISION DRIVE	WILMINGTON	(910) 251-5724
00004	J. H. Trogdon, III	509 WARD BOULEVARD	WILSON	(252) 237-6164
00005	J. G. Nance	2612 NORTH DUKE STREET	DURHAM	(919) 560-6851
00006	T. R. Gibson	558 GILLESPIE STREET	FAYETTEVILLE	(910) 486-1493
00007	J. M. Mills	1534 YANCEYVILLE STREET	GREENSBORO	(336) 334-3192
00008	W. F. Rosser	902 N. SANDHILLS BOULEVARD	ABERDEEN	(910) 944-2344
00009	S. P. Ivey	2125 CLOVERDALE AVENUE	WINSTON-SALEM	(336) 631-1340
00010	B. G. Payne	716 WEST MAIN STREET	ABLEMARLE	(704) 982-0101
00011	R. C. McCann	NC-115 WEST	NORTH WILKESBORO	(336) 667-9111
00012	M. L. Holder	1710 EAST MARION STREET	SHELBY	(704) 480-5400
00013	J. J. Swain	55 ORANGE STREET	ASHEVILLE	(828) 251-6171
00014	R. G. Watson	253 WEBSTER ROAD	SYLVA	(828) 586-2141

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

Bid Letting Number L030218

RPN	Contract Id	WorkOrder	County	Length	JobType
001	C200678	8.2492806	GUILFORD	3.805 KM	WIDENING, GRADING, DRAINAGE, PAVING & STRUCTURES.
002	C200677	8.2510602	ROCKINGHAM	0.270 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
003	C200447	8.2550402	MONTGOMERY	0.366 MI	REPLACEMENT OF STRUCTURE.
004	C200682	9.8103421	CABARRUS	0.269 KM	GRADING, DRAINAGE & PAVING.
005	C200704	7.8511247ETC	BURKE	21.690 MI	SHOULDER RECONSTRUCTION & RESURFACING.
006	C200690	8.1960902	JACKSON	7.354 MI	MEDIAN GUARDRAIL.

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L030218 001

CONTRACT ID : C200678 8.2492806

DIV OFFICE GREENSBORO

LENGTH = 3.805 KM

COUNTY : GUILFORD

WIDENING, GRADING, DRAINAGE, PAVING & STRUCTURES.

DBE GOAL 10.0% COMPLETION DATE : DEC 31 2005

SR-1546 (GUILFORD COLLEGE RD) FROM SR-4121 (HIGH POINT RD) IN JAMESTOWN TO NORTH OF SR-1549 (MACKAY RD).

ROADWAY ITEMS

			5,900	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B
			18,650	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
			13,150	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
			1,990	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
			100	MTN	ASPHALT PLANT MIX PAVEMENT REPAIR
			210	M3	SUBDRAIN EXCAVATION
			105	M3	SUBDRAIN FINE AGGREGATE
			250	M	150MM PERFORATED SUBDRAIN PIPE
			25	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS
			2	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
			4	M	150MM OUTLET PIPE (SUBDRAINS)
			10	MTN	BLOTTING SAND
			3.4	M3	ENDWALLS
			4.8	M3	REINFORCED ENDWALLS
			1.47	M3	PIPE COLLARS
			0.1	M3	PIPE PLUGS
			180	EA	MASONRY DRAINAGE STRUCTURES
			16.2	M	MASONRY DRAINAGE STRUCTURES
			39	EA	FRAME WITH TWO GRATES, STD 840.16
			2	EA	FRAME WITH TWO GRATES, STD 840.24
			14	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
			50	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
			69	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
			4	EA	FRAME WITH COVER, STD 840.54
			11	EA	CONCRETE APRON FOR CATCH BASIN
			24	EA	CONCRETE APRON FOR DROP INLETS
			112	M	GENERIC DRAINAGE ITEM EARTH BERM
			39	M	GENERIC DRAINAGE ITEM POLYMER DRAIN LINE
			4,250	M	450MM CONCRETE CURB & GUTTER
			7,018	M	750MM CONCRETE CURB & GUTTER
			113	M	SHOULDER BERM GUTTER
			23	M	CONCRETE VALLEY GUTTER
			4,850	M2	100MM CONCRETE SIDEWALK
			124	M2	CONCRETE WHEELCHAIR RAMPS
			656	M2	150MM CONCRETE DRIVEWAY
			230	M2	100MM CONCRETE PAVED DITCH
			2,955	M2	125MM MONOLITHIC CONCRETE ISLANDS (KEYED IN)
			1	EA	GENERIC DRAINAGE ITEM CONVERT EXISTING CATCH BASIN TO OPEN THROAT CATCH BASIN
			1,276.35	M	STEEL BM GUARDRAIL
			4	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
			10	EA	ADDITIONAL GUARDRAIL POSTS
			4	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
			10	EA	GUARDRAIL ANCHOR UNITS, TYPE III
			10	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
			4	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350
			4,917	M	CHAIN LINK FENCE, 1200MM FABRIC
			1,348	EA	METAL LINE POSTS FOR 1200MM CHAIN LINK FENCE
			59	EA	METAL TERMINAL POSTS FOR 1200MM CHAIN LINK FENCE
			44	MTN	PLAIN RIP RAP, CLASS I
			401	MTN	PLAIN RIP RAP, CLASS B
			3,280	M2	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	CLEARING & GRUBBING ... HEC-TARE(S)			
	1.6	HA			SUPPLEMENTARY CLEARING & GRUBBING
	81,600	M3			UNCLASSIFIED EXCAVATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (21+00.00-LT)			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (21+00.00-RT)			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (27+22.00)			
	4,051	M3			UNDERCUT EXCAVATION
	158,800	M3			BORROW EXCAVATION
	930	M3			DRAINAGE DITCH EXCAVATION
	970	M			BERM DITCH CONSTRUCTION
	7,690	M2			REMOVAL OF EXISTING ASPHALT PAVEMENT
	19	HR			PROOF ROLLING
	130	M3			SELECT GRANULAR MATERIAL
	1,439.49	MTN			FOUNDATION CONDITIONING MATERIAL, MINOR STRS
	24	M			375MM SIDE DRAIN PIPE
	48	M			450MM SIDE DRAIN PIPE
	15.6	M			300MM RC PIPE CULVERTS, CLASS III
	2,556	M			375MM RC PIPE CULVERTS, CLASS III
	536.4	M			450MM RC PIPE CULVERTS, CLASS III
	267.6	M			600MM RC PIPE CULVERTS, CLASS III
	141.6	M			750MM RC PIPE CULVERTS, CLASS III
	38.4	M			900MM RC PIPE CULVERTS, CLASS III
	33.6	M			1650MM RC PIPE CULVERTS, CLASS III
	112.8	M			****MM RC PIPE CULVERTS, CLASS IV (1050MM)
	91.2	M			****MM RC PIPE CULVERTS, CLASS IV (450MM)
	36	M			****MM RC PIPE CULVERTS, CLASS IV (750MM)
	13	M			600MM CS PIPE CULVERTS, 1.63MM THICK
	374.4	M			400MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
	15.6	M			450MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
	49	EA			400MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
	2	EA			450MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
	506	M			PIPE REMOVAL
Lump Sum	LS	FINE GRADING			
	250	KG			SEALING EXISTING PAVEMENT CRACKS & JOINTS
	33,474	M2			LIME TREATED SOIL (SLURRY METHOD)
	370	MTN			LIME FOR LIME TREATED SOIL
	650	MTN			STABILIZER AGGREGATE
	33,450	MTN			AGGREGATE BASE COURSE
	22,316	M2			***MM SOIL CEMENT BASE (180MM)
	680	MTN			PORTLAND CEMENT FOR SOIL CEMENT BASE
	310	MTN			AGGREGATE FOR SOIL CEMENT BASE
	38,000	L			ASPHALT CURING SEAL
	500	MTN			INCIDENTAL STONE BASE

21	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON	39	M	***MM DI SEWER PIPE, PC ***MPA (100MM, 2.41MPA)
348	M	SUPPORTS, 4.5KG STEEL U-CHANNEL	8	EA	SANITARY SEWER CLEAN-OUT
3	EA	SIGN ERECTION, TYPE D	7	EA	*****MM DIA PRECAST CONC SEWER MANHOLE 0-1.8M DEPTH (1200MM)
69	EA	SIGN ERECTION, TYPE E	4	EA	*****MM DIA PRECAST CONC SEWER MANHOLE 0-1.8M DEPTH (1500MM)
27	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	4	M	PRECAST CONC MANHOLE WALL, *****MM DIA, OVER 1.8M HT (1200MM)
97	M2	WORK ZONE SIGNS (STATIONARY)	2	M	PRECAST CONC MANHOLE WALL, *****MM DIA, OVER 1.8M HT (1500MM)
15	M2	WORK ZONE SIGNS (PORTABLE)	265	M	FILL OR REMOVE ABANDONED ***MM PIPE, ***** (200MM, PVC(C-900))
26	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)	55	M	FILL OR REMOVE ABANDONED ***MM PIPE, ***** (200MM, VC SEWER)
1	EA	FLASHING ARROW PANELS, TYPE C	113	M	FILL OR REMOVE ABANDONED ***MM PIPE, ***** (250MM, VC SEWER)
2	EA	WARNING FLAG SETS	265	M	FILL OR REMOVE ABANDONED ***MM PIPE, ***** (300MM, DI WATER)
766	EA	DRUMS	822	M	FILL OR REMOVE ABANDONED ***MM PIPE, ***** (300MM, PVC(C-900))
14	EA	CONES	186	M	FILL OR REMOVE ABANDONED ***MM PIPE, ***** (450MM, RCP SEWER)
268	M	BARRICADES (TYPE III)	2	EA	BREAK DOWN, PLUG, & FILL ABANDONED UTILITY MANHOLE
2	EA	WARNING LIGHTS (TYPE B)	27	M	600MM STEEL ENCASEMENT PIPE, *****MM THICK, BY BORING & JACKING (6.35MM)
2	EA	TRUCK MOUNTED IMPACT ATTENUATOR (45 MPH)	32	EA	GENERIC UTILITY ITEM 150MM RESTRAINED RETAINER GLAND
1,084	M	REMOVABLE TAPE PAVEMENT MARKING LINES (100MM)	1	EA	GENERIC UTILITY ITEM REL EXT 250MM X 300MM X 150MM DETECTOR METER W/COMPOUND BYPASS W/NEW VAULT
1,360	EA	TEMPORARY RAISED PAVEMENT MARKERS	1	EA	GENERIC UTILITY ITEM REL EXT 300MM & 63MM PRESSURE REDUCING & SUSTAINING VALVE W/NEW VAULT
2,034	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)	13	EA	GENERIC UTILITY ITEM RELOCATE EXT WATER METER WITH BACKFLOW PREVENTER
5,461	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)	87	M	GENERIC UTILITY ITEM 200MM DI SEWER PIPE, PC 2.41MPA
857	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)	114	M	GENERIC UTILITY ITEM 250MM DI SEWER PIPE, CL ASS 51
534	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM)	93	M	GENERIC UTILITY ITEM 450MM DI SEWER PIPE, CLASS 51
199	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)	2,400	M	TEMPORARY SILT FENCE
8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)	920	MTN	STONE FOR EROSION CONTROL, CLASS A
64	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	5,900	MTN	STONE FOR EROSION CONTROL, CLASS B
29,959	M	PAINT PAVEMENT MARKING LINES (100MM)	4,500	MTN	SEDIMENT CONTROL STONE
1,571	M	PAINT PAVEMENT MARKING LINES (200MM)	15.5	HA	TEMPORARY MULCHING
314	M	PAINT PAVEMENT MARKING LINES (600MM)	775	KG	SEED FOR TEMPORARY SEEDING
8	EA	PAINT PAVEMENT MARKING CHARACTER	6.25	MTN	FERTILIZER FOR TEMPORARY SEEDING
106	EA	PAINT PAVEMENT MARKING SYMBOL	460	M	TEMPORARY SLOPE DRAINS
3,373	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)	28	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
9	M	REMOVAL OF PAVEMENT MARKING LINES (150MM)	23,500	M3	SILT EXCAVATION
15	M	REMOVAL OF PAVEMENT MARKING LINES (600MM)	3,900	M2	SYNTHETIC ROVING
3	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	3,900	M2	MATTING FOR EROSION CONTROL
639	EA	PERMANENT RAISED PAVEMENT MARKERS	2,600	M2	PERMANENT SOIL REINFORCEMENT MAT
459	MTN	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (VI)	1,150	M	6.4MM HARDWARE CLOTH
459	MTN	BEDDING MATERIAL, UTILITIES CLASS ***** (IV)	1	EA	***X***X***MM PERFORATED CS PIPE TEE RISER, 1.63MM THICK (400MM X 400MM X 400MM)
75	MTN	PAVEMENT REPAIR FOR UTILITY WORK	1	EA	***X***X***MM PERFORATED CS PIPE TEE RISER, 1.63MM THICK (600MM X 600MM X 600MM)
24	M	150MM DI WATER PIPE, PC 2.41MPA	30	EA	SPECIAL STILLING BASINS
184	M	200MM DI WATER PIPE, PC 2.41MPA	18.5	HA	SEEDING & MULCHING
1,241	M	300MM DI WATER PIPE, PC 2.41MPA	8.5	HA	MOWING
34	M	20MM COPPER WATER PIPE, TYPE K	200	KG	SEED FOR REPAIR SEEDING
4,236	KG	DUCTILE IRON WATER PIPE FITTINGS, 1.72MPA MIN WP	0.75	MTN	FERTILIZER FOR REPAIR SEEDING
10	EA	20MM CORPORATION STOP	525	KG	SEED FOR SUPPLEMENTAL SEEDING
9	EA	150MM GATE VALVE & VALVE BOX, 1.38MPA WP	30.5	MTN	FERTILIZER TOPDRESSING
3	EA	200MM GATE VALVE & VALVE BOX, ***MPA WP (1.38MPA WP)	11	HR	SPECIALIZED HAND MOWING
10	EA	300MM GATE VALVE & VALVE BOX, ***MPA WP (1.38MPA WP)	24	EA	RESPONSE FOR EROSION CONTROL
2	EA	*** X ***MM TAPPING SADDLE (200MM X 20MM)	2	HA	REFORESTATION
8	EA	*** X ***MM TAPPING SADDLE (300MM X 20MM)			
4	EA	***MM TRANSITION COUPLING, ***** (200MM, VC TO DI)			
10	EA	RELOCATE EXISTING FIRE HYDRANT			

100	M	GENERIC EROSION CONTROL ITEM TREE PROTECTION FENCE	Lump Sum	LS	EXPANSION JOINT SEALS
2	EA	PEDESTRIAN SIGNAL HEAD (300MM, 2 SECTION)			
1,614	M	SIGNAL CABLE			
33	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)			
12	EA	VEHICLE SIGNAL HEAD (300MM, 5 SECTION)			
763	M	MESSENGER CABLE (9.52MM)			
24	M	TRENCHING (PAVED)			
804	M	TRENCHING (UNPAVED)			
24	EA	JUNCTION BOX (STANDARD SIZE)			
12	EA	WOOD POLE			
12	EA	GUY ASSEMBLY			
1	EA	13MM RISER WITH WEATHERHEAD			
4	EA	25MM RISER WITH WEATHERHEAD			
5	EA	50MM RISER WITH WEATHERHEAD			
1,384	M	INDUCTIVE LOOP SAWCUT			
3,840	M	LEAD-IN CABLE			
1	EA	LOOP EMULATOR DETECTION SYSTEM			
12	EA	METAL STRAIN SIGNAL POLE			
12	EA	METAL SIGNAL POLE FOUNDATION			
11	EA	SIGN FOR SIGNALS			
3	EA	SIGNAL CABINET FOUNDATION			
2	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)			
30	EA	DETECTOR CHANNEL (TYPE 2070L)			
1	EA	CONTROLLER WITH CABINET (NEMA TS-1, BASE MOUNTED)			
13	EA	DETECTOR CHANNEL (NEMA TS-1)			
2	EA	GENERIC SIGNAL ITEM CABINET BASE ADAPTER			
1	EA	GENERIC SIGNAL ITEM SIGN REMOVAL			

STRUCTURE ITEMS

43.2	M	****MM DIA DRILLED PIERS IN SOIL (1066MM)			
91.5	M	****MM DIA DRILLED PIERS IN SOIL (1220MM)			
60	M	****MM DIA DRILLED PIERS NOT IN SOIL (1066MM)			
43	M	****MM DIA DRILLED PIERS NOT IN SOIL (1220MM)			
20	M	PERMANENT STEEL CASING FOR ****MM DRILLED PIER (1066MM)			
67	M	PERMANENT STEEL CASING FOR ****MM DRILLED PIER (1220MM)			
3	EA	CROSSHOLE SONIC LOGGING			
1,018	M	CSL TUBES			
4,658	M2	REINFORCED CONCRETE DECK SLAB			
3,562	M2	GROOVING BRIDGE FLOORS			
455.4	M3	CLASS A CONCRETE (BRIDGE)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (21+15.125 -L- LEFT)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (21+15.125 -L- RIGHT)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (27+22.500 -L-)			
71,021	KG	REINFORCING STEEL (BRIDGE)			
10,360	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)			
1,034.1	M	1372MM PRESTRESSED CONCRETE GIRDERS			
293,720	LS	APPROX KG STRUCTURAL STEEL			
347	M	HP310X79 STEEL PILES			
367.716	M	THREE BAR METAL RAIL			
144.84	M	CONCRETE BARRIER RAIL			
720	M2	100MM SLOPE PROTECTION			
570	MTN	PLAIN RIP RAP CLASS II (600MM THICK)			
582	M2	FILTER FABRIC FOR DRAINAGE			
Lump Sum	LS	POT BEARINGS			
Lump Sum	LS	ELASTOMERIC BEARINGS			
Lump Sum	LS	EVAZOTE JOINT SEALS			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L030218 002

CONTRACT ID : C200677 8.2510602

DIV OFFICE GREENSBORO

LENGTH = 0.270 MI

COUNTY : ROCKINGHAM

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 10.0% COMPLETION DATE : SEP 01 2004

BRIDGE OVER NORFOLK SOUTHERN CORP & APPROACHES ON SR-1378.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (20+78.56)			
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING			
400	CY	UNDERCUT EXCAVATION			
Lump Sum	LS	GRADING			
60,000	CY	BORROW EXCAVATION			
80	CY	DRAINAGE DITCH EXCAVATION			
55	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS			
164	LF	15" SIDE DRAIN PIPE			
52	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK			
276	LF	24" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK			
1,890	TON	AGGREGATE BASE COURSE			
500	TON	INCIDENTAL STONE BASE			
1,530	GAL	PRIME COAT			
190	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
700	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B			
820	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5A			
95	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
10	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR			
21	EA	RIGHT OF WAY MARKERS			
5	EA	MASONRY DRAINAGE STRUCTURES			
66.8	LF	MASONRY DRAINAGE STRUCTURES			
1	EA	FRAME WITH TWO GRATES, STD 840.29			
4	EA	FRAME WITH COVER, STD 840.54			
200	LF	SHOULDER BERM GUTTER			
1,200	LF	STEEL BM GUARDRAIL			
62.5	LF	STEEL BM GUARDRAIL, SHOP CURVED			
2	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS			
5	EA	ADDITIONAL GUARDRAIL POSTS			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III			
6	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
100	LF	WOVEN WIRE FENCE, 47" FABRIC			
5	EA	4" TIMBER FENCE POSTS, 7'-6" LONG			
10	EA	5" TIMBER FENCE POSTS, 8'-0" LONG			
260	LF	CHAIN LINK FENCE, 48" FABRIC			
25	EA	METAL LINE POSTS FOR 48" CHAIN LINK FENCE			
5	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE			
15	TON	PLAIN RIP RAP, CLASS I			
7	TON	PLAIN RIP RAP, CLASS II			
82	TON	PLAIN RIP RAP, CLASS B			
535	SY	FILTER FABRIC FOR DRAINAGE			
24.25	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)			
43	LF	SUPPORTS, 3-LB STEEL U-CHANNEL			
3	EA	SIGN ERECTION, TYPE E			
21	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL			
300	SF	WORK ZONE SIGNS (STATIONARY)			
96	SF	WORK ZONE SIGNS (PORTABLE)			
59	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
2	EA	WARNING FLAG SETS			

64	EA	DRUMS			
64	EA	CONES			
120	LF	BARRICADES (TYPE III)			
180	MD	FLAGGER			
31,704	LF	PAINT PAVEMENT MARKING LINES (4")			
3,000	LF	REMOVAL OF PAVEMENT MARKING LINES (4")			
1,200	LF	TEMPORARY SILT FENCE			
115	TON	STONE FOR EROSION CONTROL, CLASS A			
840	TON	STONE FOR EROSION CONTROL, CLASS B			
250	TON	SEDIMENT CONTROL STONE			
7.5	ACR	TEMPORARY MULCHING			
250	LB	SEED FOR TEMPORARY SEEDING			
1	TON	FERTILIZER FOR TEMPORARY SEED- ING			
175	LF	TEMPORARY SLOPE DRAINS			
4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS			
2,600	CY	SILT EXCAVATION			
540	SY	SYNTHETIC ROVING			
540	SY	MATTING FOR EROSION CONTROL			
40	LF	1/4" HARDWARE CLOTH			
11	ACR	SEEDING & MULCHING			
4.5	ACR	MOWING			
100	LB	SEED FOR REPAIR SEEDING			
0.25	TON	FERTILIZER FOR REPAIR SEEDING			
175	LB	SEED FOR SUPPLEMENTAL SEEDING			
8.25	TON	FERTILIZER TOPDRESSING			
3	HR	SPECIALIZED HAND MOWING			
8	EA	RESPONSE FOR EROSION CONTROL			

WALL ITEMS

1,300	SF	GENERIC RETAINING WALL ITEM SOIL NAIL RETAINING WALL, STATION 21+87.00-L-			
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STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (20+94.83 -L-)			
106.12	LF	***" DIA DRILLED PIERS IN SOIL (4'-0")			
29	LF	***" DIA DRILLED PIERS NOT IN SOIL (4'-0")			
3	EA	SPT TESTING			
1	EA	CROSSHOLE SONIC LOGGING			
560.89	LF	CSL TUBES			
8,125	CY	UNCLASSIFIED STRUCTURE EXCAVA- TION			
8,525	SF	REINFORCED CONCRETE DECK SLAB			
6,797	SF	GROOVING BRIDGE FLOORS			
218.2	CY	CLASS A CONCRETE (BRIDGE)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (20+94.83 -L-)			
57,094	LB	REINFORCING STEEL (BRIDGE)			
7,292	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)			
264,300	LS	APPROX LBS STRUCTURAL STEEL			
590	LF	HP12X53 STEEL PILES			
16	EA	STEEL PILE POINTS			
546.07	LF	CONCRETE BARRIER RAIL			
1,846	SY	4" SLOPE PROTECTION			
Lump Sum	LS	ELASTOMERIC BEARINGS			
Lump Sum	LS	EVAZOTE JOINT SEALS			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L030218 003

CONTRACT ID : C200447 8.2550402

DIV OFFICE ABERDEEN

LENGTH = 0.366 MI

COUNTY : MONTGOMERY

REPLACEMENT OF STRUCTURE.

DBE GOAL 10.0% COMPLETION DATE : DEC 31 2004

BRIDGE OVER LAKE TILLERY & APPROACHES ON SR-1110.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)
6	EA	GENERIC MISCELLANEOUS ITEM BOLLARDS
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
900	CY	UNCLASSIFIED EXCAVATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (20+90.00 -L-)
500	CY	UNDERCUT EXCAVATION
14,500	CY	BORROW EXCAVATION
230	CY	DRAINAGE DITCH EXCAVATION
830	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT
Lump Sum	LS	GENERIC GRADING ITEM REMOVAL & DISPOSAL OF TEMPORARY ROCK EMBANKMENT
1,000	TON	GENERIC GRADING ITEM REMOVAL & DISPOSAL OF EXTENDED ROCK EMBANKMENT
300	TON	GENERIC GRADING ITEM SELECT MATERIAL, CLASS IV
1,000	TON	GENERIC GRADING ITEM SELECT MATERIAL, CLASS V
3,550	TON	GENERIC GRADING ITEM SELECT MATERIAL, CLASS VII
60	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
48	LF	15" SIDE DRAIN PIPE
444	LF	15" RC PIPE CULVERTS, CLASS III
52	LF	18" RC PIPE CULVERTS, CLASS III
Lump Sum	LS	FINE GRADING
20	TON	AGGREGATE BASE COURSE
100	TON	INCIDENTAL STONE BASE
1,280	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
560	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5A
92	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
25	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
3	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH COVER, STD 840.54
2	EA	GENERIC DRAINAGE ITEM STEEL FRAME & GRATE (BICYCLE SAFE)
170	LF	SHOULDER BERM GUTTER
987.5	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
800	LF	REMOVE EXISTING GUARDRAIL
20	TON	PLAIN RIP RAP, CLASS A
20	TON	PLAIN RIP RAP, CLASS B
2,425	SY	FILTER FABRIC FOR DRAINAGE
106	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
20	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
60	EA	DRUMS
25	EA	CONES
60	LF	BARRICADES (TYPE III)
50	MD	FLAGGER
1	EA	TRUCK MOUNTED IMPACT ATTENUATOR (45 MPH)
50	EA	TEMPORARY RAISED PAVEMENT MARKERS
42,984	LF	PAINT PAVEMENT MARKING LINES (4")

225	LF	PAINT PAVEMENT MARKING LINES (24")
300	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
50	EA	PERMANENT RAISED PAVEMENT MARKERS
6	EA	7' U-CHANNEL POSTS
6	EA	OBJECT MARKERS (END OF ROAD)
1,030	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
200	TON	STONE FOR EROSION CONTROL, CLASS B
530	TON	SEDIMENT CONTROL STONE
2	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
140	LF	TEMPORARY SLOPE DRAINS
480	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
4	CY	SILT EXCAVATION
800	SY	SYNTHETIC ROVING
400	SY	MATTING FOR EROSION CONTROL
1,000	LF	1/4" HARDWARE CLOTH
8	EA	SPECIAL STILLING BASINS
2	ACR	SEEDING & MULCHING
1	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
500	SY	SODDING
8.4	M/G	WATER
1.5	TON	FERTILIZER TOPDRESSING
3	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL
1.5	ACR	REFORESTATION

STRUCTURE ITEMS

224	LF	***" DIA DRILLED PIERS IN SOIL (4'-0")
54	LF	***" DIA DRILLED PIERS NOT IN SOIL (4'-0")
211.68	LF	PERMANENT STEEL CASING FOR ***" DIA DRILLED PIER (4'-0")
2	EA	CROSSHOLE SONIC LOGGING
1,192	LF	CSL TUBES
17,906	SF	REINFORCED CONCRETE DECK SLAB
14,825	SF	GROOVING BRIDGE FLOORS
160.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (20+90.00 -L-)
45,696	LB	REINFORCING STEEL (BRIDGE)
8,688	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
2,183.34	LF	MODIFIED 63" PRESTRESSED CONC GIRDDERS
450	LF	HP12X53 STEEL PILES
1,084.08	LF	TWO BAR METAL RAIL
1,099.29	LF	1'-***"X ***** CONCRETE PARAPET (1'-2" X 30")
222	TON	PLAIN RIP RAP CLASS B
324	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
Lump Sum	LS	EXPANSION JOINT SEALS
Lump Sum	LS	STRUCTURE DRAINAGE SYSTEM, STATION ***** (20+90.00-L-)
1	EA	DYNAMIC LOAD TEST

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L030218 004

CONTRACT ID : C200682 9.8103421

DIV OFFICE ABLEMARLE

LENGTH = 0.269 KM

COUNTY : CABARRUS

GRADING, DRAINAGE & PAVING.

MBE GOAL 8.0% WBE 4.0% COMPLETION DATE : NOV 01 2003

KANNAPOLIS WEST SIDE BYPASS FROM NC-73 TO SR-1620 (MACEDONIA CHURCH ROAD).

ROADWAY ITEMS				
			6 EA	WARNING FLAG SETS
			175 EA	DRUMS
			200 EA	CONES
			288 M	BARRICADES (TYPE III)
Lump Sum	LS	MOBILIZATION	100 MD	FLAGGER
Lump Sum	LS	CONSTRUCTION SURVEYING	40 EA	TUBULAR MARKERS (FIXED)
Lump Sum	LS	CLEARING & GRUBBING ... HEC-TARE(S)	143 EA	TEMPORARY RAISED PAVEMENT MARKERS
0.4	HA	SUPPLEMENTARY CLEARING & GRUBBING	3,715 M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)
44,400	M3	UNCLASSIFIED EXCAVATION	4,189 M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)
500	M3	UNDERCUT EXCAVATION	270 M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)
1,250	M3	DRAINAGE DITCH EXCAVATION	222 M	THERMOPLASTIC PAVEMENT MARKING LINES (300MM, 2.3MM)
1,800	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT	204 M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)
105	MTN	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	4 EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)
31.2	M	375MM SIDE DRAIN PIPE	41 EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)
140.4	M	375MM RC PIPE CULVERTS, CLASS III	1,272 M	PAINT PAVEMENT MARKING LINES (100MM)
103.2	M	450MM RC PIPE CULVERTS, CLASS III	70 M	PAINT PAVEMENT MARKING LINES (600MM)
52.8	M	600MM RC PIPE CULVERTS, CLASS III	2 EA	PAINT PAVEMENT MARKING SYMBOL
39	M	PIPE REMOVAL	259 M	REMOVAL OF PAVEMENT MARKING LINES (100MM)
Lump Sum	LS	FINE GRADING	444 EA	PERMANENT RAISED PAVEMENT MARKERS
2,900	MTN	AGGREGATE BASE COURSE	435 MTN	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (VI)
50	MTN	INCIDENTAL STONE BASE	435 MTN	BEDDING MATERIAL, UTILITIES CLASS ***** (IV)
300	M3	SHOULDER BORROW	541 M	***MM DI WATER PIPE, PC ***MPA (750MM, 1.2MPA)
3,700	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B	23 M	150MM DI WATER PIPE, PC 2.41MPA
3,350	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	136 M	200MM DI WATER PIPE, PC 2.41MPA
2,260	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	360 M	300MM DI WATER PIPE, PC 2.41MPA
465	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	157 M	600MM DI WATER PIPE, PC ***MPA (PC 1.72MPA)
7	EA	MASONRY DRAINAGE STRUCTURES	9,585 KG	DI RESTRAINED JOINT WATER PIPE FITTINGS, 1.72MPA MIN WP
1	EA	FRAME WITH TWO GRATES, STD 840.16	6 EA	***MM GATE VALVE & VALVE BOX, ***MPA WP (600MM, 1.38MP WP)
1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	3 EA	150MM GATE VALVE & VALVE BOX, 1.38MPA WP
5	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	2 EA	200MM GATE VALVE & VALVE BOX, ***MPA WP (1.38MPA WP)
1	EA	CONCRETE APRON FOR CATCH BASIN	3 EA	300MM GATE VALVE & VALVE BOX, ***MPA WP (1.38MPA WP)
1	EA	CONCRETE APRON FOR DROP INLETS	3 EA	FIRE HYDRANT, ***MPA WP (1.03MPA WP)
240	M	450MM CONCRETE CURB & GUTTER	1 EA	GENERIC UTILITY ITEM 50MM BLOW OFF ASSEMBLY
680	M	750MM CONCRETE CURB & GUTTER	162 M	GENERIC UTILITY ITEM 600MM DI RESTRAINED JOINT WATER PIPE, PC 2.41MPA
40	M2	CONCRETE WHEELCHAIR RAMPS	10 M	GENERIC UTILITY ITEM 600MM STEEL ENCASEMENT PIPE, 6.35MM THICK, BY OPEN CUT
80	M2	150MM CONCRETE DRIVEWAY	34 M	GENERIC UTILITY ITEM 900MM STEEL ENCASEMENT PIPE, 9.52MM THICK, BY OPEN CUT
230	M2	125MM MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)	50 M	TEMPORARY SILT FENCE
76.2	M	STEEL BM GUARDRAIL	70 MTN	STONE FOR EROSION CONTROL, CLASS A
45.72	M	STEEL BM GUARDRAIL, SHOP CURVED	740 MTN	STONE FOR EROSION CONTROL, CLASS B
4	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS	240 MTN	SEDIMENT CONTROL STONE
1	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	3.5 HA	TEMPORARY MULCHING
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	175 KG	SEED FOR TEMPORARY SEEDING
65	M	REMOVE EXISTING GUARDRAIL		
70	MTN	PLAIN RIP RAP, CLASS A		
180	MTN	PLAIN RIP RAP, CLASS B		
980	M2	FILTER FABRIC FOR DRAINAGE		
1	M3	PLAIN CONCRETE SIGN FOOTINGS		
104	KG	SUPPORTS, BREAKAWAY STEEL BEAM		
85	M	SUPPORTS, 4.5KG STEEL U-CHANNEL		
15	EA	SIGN ERECTION, TYPE E		
4	EA	SIGN ERECTION, TYPE F		
1	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)		
19	M2	WORK ZONE SIGNS (STATIONARY)		
10	M2	WORK ZONE SIGNS (PORTABLE)		
6	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)		

1.5	MTN	FERTILIZER FOR TEMPORARY SEED- ING
50	M	TEMPORARY SLOPE DRAINS
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
1,950	M3	SILT EXCAVATION
1,000	M2	SYNTHETIC ROVING
1,000	M2	MATTING FOR EROSION CONTROL
50	M	6.4MM HARDWARE CLOTH
4	HA	SEEDING & MULCHING
2	HA	MOWING
50	KG	SEED FOR REPAIR SEEDING
0.25	MTN	FERTILIZER FOR REPAIR SEEDING
125	KG	SEED FOR SUPPLEMENTAL SEEDING
7	MTN	FERTILIZER TOPDRESSING
1	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
125	M	SIGNAL CABLE
1	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)
6	EA	VEHICLE SIGNAL HEAD (300MM, 5 SECTION)
2	EA	MODIFY EXISTING VEHICLE SIGNAL HEAD
155	M	TRENCHING (UNPAVED)
3	EA	JUNCTION BOX (STANDARD SIZE)
1	EA	50MM RISER WITH WEATHERHEAD
630	M	INDUCTIVE LOOP SAWCUT
1,350	M	LEAD-IN CABLE
8	EA	DETECTOR CHANNEL (NEMA TS-1)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L030218 005

CONTRACT ID : C200704 7.8511247

DIV OFFICE ASHEVILLE

LENGTH = 21.690 MI

COUNTY : BURKE

SHOULDER RECONSTRUCTION & RESURFACING.

MBE GOAL 5.0% WBE 3.0% COMPLETION DATE : OCT 01 2003

2 SECTIONS OF US-64, 1 SECTION OF NC-126, 1 SECTION OF NC-181, 2 SECTIONS OF US-70 AND 7 SECTIONS OF SECONDARY RDS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
947	TON	INCIDENTAL STONE BASE
38.54	SMI	SHOULDER RECONSTRUCTION
13,329	SY	MILLING ASPHALT PAVEMENT, *** TO ***** DEPTH (0" TO 1-1/2")
698	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
9,996	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5A
17,987	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,848	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
392	TON	PATCHING EXISTING PAVEMENT
11	EA	ADJUSTMENT OF MANHOLES
15	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
140,448	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
140,448	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
177,197	LF	PAINT PAVEMENT MARKING LINES (4")

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L030218 006

CONTRACT ID : C200690 8.1960902

DIV OFFICE SYLVA

LENGTH = 7.354 MI

COUNTY : JACKSON

MEDIAN GUARDRAIL.

DBE GOAL 0.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

US-74 EAST OF SWAIN COUNTY LINE TO EAST OF US-441 NORTH AND US-74 FROM SR-1514 TO SR-1527.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1	EA	IMPACT ATTENUATOR UNIT, TYPE 350
73,000	LF	STEEL BM GUARDRAIL
2,500	EA	ADDITIONAL GUARDRAIL POSTS
44	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (III MOD)
21	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
38	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350
15,000	LF	REMOVE & RESET EXISTING GUARDRAIL
6,500	LF	REMOVE EXISTING GUARDRAIL
480	SF	WORK ZONE SIGNS (PORTABLE)
5	EA	FLASHING ARROW PANELS, TYPE C
400	EA	DRUMS
3	EA	TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH)
32	ACR	MOWING
32	HR	SPECIALIZED HAND MOWING
4	ACR	GENERIC EROSION CONTROL ITEM SPECIALIZED SEEDING UNDER GUIDERAIL & GUARDRAIL (HARD FESCUE/ BLUEGRASS)