



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

October 21, 2003

MEMORANDUM TO: Prime Contractors
FROM: R. A. Garris, P. E. 
Contract Officer
SUBJECT: Plan & Proposal Distribution Upon Award

Effective with the November 18, 2003 Letting, prime contractors who are awarded projects will be limited to the number of sets of plans that can be distributed free of charge. The limits are as follows:

Roadway Plans: (8) 22"x34", (16) 11"x17", (8) subsurface & (8) cross-sections
Structure Plans: (10) 22"x34", (10) 11"x17", (10) subsurface
Proposals (20)

Additional requests will be invoiced at the project's advertised price. Requests should be made to Kim Canady or Larry Strickland at 919-250-4124.

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
DESIGN SERVICES UNIT
1591 MAIL SERVICE CENTER
RALEIGH NC 27699-1591

TELEPHONE: 919-250-4124
FAX: 919-250-4127
WEBSITE: WWW.DOH.DOT.STATE.NC.US

LOCATION:
CENTURY CENTER COMPLEX
ENTRANCE B15
1020 BIRCH RIDGE DRIVE
RALEIGH NC 27610



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
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SECRETARY

June 17, 2003

NOTICE TO: Plan Holders
FROM: R. A. Garris, P.E. 
Contract Officer
SUBJECT: Delays in Billing

Please be advised that invoices for April, May and June plans and proposals have not been mailed. The Department has been transitioning to a new financial system, and as a result, are experiencing delays in billing. Once the new system becomes stable, and we are able to invoice, you will receive invoices for all orders placed since April 2003. We apologize for any inconvenience that this may cause.

If you have any questions, please contact Kim Canady at (919) 250-4124 or e-mail her at klcanady@dot.state.nc.us.

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August 19, 2003

MEMORANDUM TO: Electronic Bidders

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

SUBJECT: Upgrade to Expedite 5.2b

Please be advised that effective with the September 16th, 2003 bid letting, North Carolina Department of Transportation will be upgrading from Expedite 5.1a to Expedite 5.2b.

This new version of software is available for download from either the NC Department of Transportation or the Bid Express web site. The links are listed below. Before upgrading your software, please ensure you have backed up your Digital ID. If you have not done so, this can be accomplished through the Tools menu under Digital ID's. It is recommended that you then uninstall the Expedite 5.1a version to ensure no confusion in the future. Once you have installed Expedite 5.2b, you need to enter your Bidder Information and Agency ID. The digital ID backup file you created in the previous version will also need to be imported back in through the Tools menu under Digital ID's. If you do not feel comfortable with any part of this procedure, please do not hesitate to contact the Bid Express helpdesk at (352) 381-4888, to have them walk you through this upgrade. The staff in Design Services Contract Office is also available for any further questions you may have concerning this transition.

Bid Express
<http://www.bidx.com>

NC Department of Transportation
http://www.doh.dot.state.nc.us/preconstruct/highway/dsn_srvc/contracts/expedi/

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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 **2:00PM ON NOVEMBER 18, 2003**. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 2:00PM.

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 OCTOBER 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 DR. SUITE 100	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	Anthony W. Roper , PE	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	ALBEMARLE	(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 L031118

RPN	Contract Id	WBS	County	Length	JobType
001	C200945	36859	MARTIN	6.200 MI	MILLING, SHLD RECONST, DRAINAGE, RESURFACING & PVMT MARKINGS
* 002	C200786	34820.3.19	GUILFORD	6.769 KM	GRADING, DRAINAGE, PAVING, ITS, TRACKWORK & STRUCTURES.
* 003	C200787	34820.3.20	GUILFORD	5.585 KM	GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURE.
004	C200940	34820.3.19 ETC.	GUILFORD	12.354 KM	GRADING, DRAINAGE, PAVING, ITS, TRACKWORK & STRUCTURES.
009	C200776	34359.3.3	BEAUFORT	1.584 MI	WIDENING, GRADING, DRAINAGE & PAVING.
010	C200761	32792.3.1	HALIFAX	0.228 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
011	C200764	33085.3.1	HALIFAX	0.142 MI	GRADING, DRAINAGE, PAVING & CULVERT.
012	C200946	35813	JOHNSTON	23.020 MI	MILLING, SHLD RECONST, RESURFACING & PVMT MARKINGS.
013	C200995	33137.3.2	WAKE	0.354 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
014	C200750	32811.3.1	PERSON	0.635 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
015	C200778	34503.3.6	WAKE	2.462 KM	WIDENING, GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURES.
016	C200784	33859.3.1	WAKE	11.600 MI	COMPUTERIZED SIGNAL SYSTEM.
017	C200941	36928	PERSON	10.330 MI	MILLING, SHLD RECONST, RESURFACING & PVMT MARKINGS.
018	C200943	36931	WAKE	5.600 MI	MILLING, SHLD RECONST, RESURFACING & PVMT MARKINGS.
019	C200944	36932	WAKE	5.460 MI	MILLING, SHLD RECONST, DRAINAGE, RESURFACING & PVMT MARKINGS
020	C200991	36939	DURHAM, WAKE	3.340 MI	MILLING, SHLDR RECONST, RESURFACING & PVMT MARKINGS.
021	C200992	36941	DURHAM	3.360 MI	MILLING, SHLDR RECONST, RESURFACING & PVMT MARKINGS.
022	C200788	34884.3.2	CUMBERLAND	0.683 MI	WIDENING, GRADING, DRAINAGE, PAVING, C&G AND CULVERT EXT.
023	C200975	37207	COLUMBUS	11.760 MI	MILLING, RESURFACING, SHDR RECONST & PAVEMENT MARKINGS.
024	C200977	37212	CUMBERLAND	3.180 MI	MILLING, RESURFACING, SHDR RECONST & PAVEMENT MARKINGS.
025	C200979	37225	HARNETT	3.430 MI	MILLING, SHLDR RECONST, RESURFACING & PVMT MARKINGS.
026	C200988	6CR.10261.8 ETC.	CUMBERLAND, HARNETT	77.490 MI	MILLING, RESURFACING, SHDR RECONST & PAVEMENT MARKINGS.
027	C200989	6CR.10091.7 ETC.	BLADEN, COLUMBUS	46.500 MI	MILLING, SHLDR RECONST, RESURFACING & PVMT MARKINGS.
028	C200976	7R.20011.1 ETC.	ALAMANCE, ORANGE	16.354 MI	MILLING, RESURFACING & PAVEMENT MARKINGS.
029	C200978	7R.304108.1	GUILFORD	4.079 MI	MILLING, RESURFACING & PAVEMENT MARKINGS.
030	C200980	7R.10791.1 ETC.	ROCKINGHAM	21.982 MI	MILLING, RESURFACING, SHDR RECONST & PAVEMENT MARKINGS.
031	C200981	7R.10411.2 ETC.	GUILFORD	10.336 MI	MILLING, RESURFACING & PAVEMENT MARKINGS.
032	C200982	7R.10681.1 ETC.	ORANGE	16.785 MI	MILLING, RESURFACING, SHOULDER RECONST & PVMT MARKINGS.
033	C200699	33117.3.2	RANDOLPH	0.234 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
034	C200768	33229.3.1	RANDOLPH	0.208 MI	GRADING, DRAINAGE, PAVING & CULVERT.
035	C200948	36800	MOORE	6.620 MI	DRAINAGE, SHLDR RECONST, MILLING, RESURFACING & PVT MRKINGS.

SUMMARY OF PROPOSALS

Bid Letting Number L031118

RPN	Contract Id	WBS	County	Length	JobType
036	C200949	36801	MOORE	5.700 MI	DRAINAGE, SHLDR RECONST, MILLING, RESURFACING & GUARDRAIL.
037	C200950	36792	CHATHAM	5.250 MI	MILLING, SHLDR RECONST, DRAINAGE, RESURFACING & PVT MARKINGS
038	C200951	36791	RICHMOND	5.070 MI	MILLING, DRAINAGE, SHLDR RECONST, RESURFACING & PVT MARKINGS
039	C200994	36364.2.1	RANDOLPH, DAVIDSON	16.560 MI	MILLING & RESURFACING.
040	C200974	36949	MECKLENBURG	5.640 MI	GRADING, WIDENING, MILLING, SHLDR RECONST & RESURFACING.
041	C200985	11CR.10861.2 ETC	SURRY, YADKIN	36.460 MI	MILLING, RESURFACING, SHDR RECONST & PAVEMENT MARKINGS.
042	C200986	11CR.10061.4 ETC	AVERY, WATAUGA	11.114 MI	SHOULDER RECONST, MILLING, RESURFACING & PVMT MARKINGS.
043	C200987	11CR.10031.3 ETC	ALLEGHANY, ASHE	23.350 MI	MILLING, SHLDR RECONST, RESURFACING & PVMT MARKINGS.
044	C200598	34350.3.7	LINCOLN	2.100 KM	WIDENING, GRADING, DRAINAGE, & PAVING.
045	C200753	33096.3.1	IREDELL	0.483 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
046	C200973	36933	CLEVELAND	5.940 MI	MILLING, RESURFACING & SHOULDER RECONSTRUCTION.
047	C200984	12CR.10491.1 ETC	IREDELL	14.480 MI	MILLING, RESURFACING, SHLDR RECONST & PVMT MARKINGS.
048	C200990	12CR.10551.1 ETC	LINCOLN	8.930 MI	MILLING, SHLDR RECONST, RESURFACING & PAVEMENT MARKINGS.
049	C200730	33219.3.1	MCDOWELL	0.143 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
050	C200953	14CR.20441.1 ETC	HAYWOOD, SWAIN	16.880 MI	MILLING & RESURFACING.
051	C200972	14CR.10501.1 ETC	JACKSON	22.610 MI	SHOULDER RECONSTRUCTION & RESURFACING.
052	C200983	14CR.10751.1 ETC	POLK, TRANSYLVANIA,	35.570 MI	MILLING, RESURFACING, SHOULDER RECONST & PAVEMENT MARKINGS.

Bid Letting Number L031216

RPN	Contract Id	WBS	County	Length	JobType
**005	C200797	34365.3.42	WAKE	2.861 KM	GRADING, DRAINAGE, PAVING & STRUCTURES.
**006	C200798	34365.3.43	DURHAM, WAKE	3.640 KM	WIDENING, GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURES.
**007	C200799	34365.3.44	DURHAM, WAKE	1.706 KM	GRADING, DRAINAGE, PAVING, SIGNING & STRUCTURES.
**008	C200993	34365.3.43 ETC.	DURHAM, WAKE	5.346 KM	WIDENING, GRADING, DRAINAGE, PAVING, SIGNING, SIGNAL & STRS.

*Because of the magnitude of this project, prices are as follows: Plans (Small Size) \$60.00 per set, (Large Size) \$200.00 per set, Cross Section Plans \$60.00, Plus sales tax for N. C. residents.

** 8 - Week Advertisement Letting of December 16, 2003.

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031118 001

CONTRACT ID : C200945 36859

DIV OFFICE EDENTON

LENGTH = 6.200 MI

COUNTY : MARTIN

MILLING, SHLD RECONST, DRAINAGE, RESURFACING & PVMT MARKINGS

MBE GOAL 5.0% WBE 3.0% COMPLETION DATE : OCT 31 2004

US-64 FROM JAMESVILLE EAST CITY LIMITS TO THE WASHINGTON COUNTY LINE.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
308	TON	INCIDENTAL STONE BASE
24.8	SMI	SHOULDER RECONSTRUCTION
204,506	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
32,166	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
19,698	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,512	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,280	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
133,632	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
25,168	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
168	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
242	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
469,176	LF	PAINT PAVEMENT MARKING LINES (4")
600	LF	PAINT PAVEMENT MARKING LINES (16")
504	LF	PAINT PAVEMENT MARKING LINES (24")
24	EA	PAINT PAVEMENT MARKING CHARAC- TER
1,220	EA	PERMANENT RAISED PAVEMENT MARKERS
18	ACR	SEEDING & MULCHING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L031118 002

CONTRACT ID : C200786 34820.3.19

DIV OFFICE GREENSBORO

LENGTH = 6.769 KM

COUNTY : GUILFORD

GRADING, DRAINAGE, PAVING, ITS, TRACKWORK & STRUCTURES.

DBE GOAL 10.0% COMPLETION DATE : JUL 01 2007

GREENSBORO WESTERN LOOP FROM NORTH OF I-85 NEAR GROOMETOWN TO NORTH OF HIGH POINT RD.

ROADWAY ITEMS					
		246	M	****MM RC PIPE CULVERTS, CLASS IV (1650MM)	
Lump Sum	LS	66	M	****MM RC PIPE CULVERTS, CLASS IV (750MM)	
Lump Sum	LS	194.4	M	****MM RC PIPE CULVERTS, CLASS IV (900MM)	
Lump Sum	LS			CLEARING & GRUBBING ... HEC-TARE(S)	
1.6	HA			SUPPLEMENTARY CLEARING & GRUBBING	
4	EA			SEALING ABANDONED WELLS	
1,175,000	M3			UNCLASSIFIED EXCAVATION	
Lump Sum	LS			REINFORCED BRIDGE APPROACH FILL, STATION ***** (15+80.638 -Y2R-)	565.2 M
Lump Sum	LS			REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+84.289 -I1I-40NB-)	220.8 M
Lump Sum	LS			REINFORCED BRIDGE APPROACH FILL, STATION ***** (18+04.376 -40SBREV-)	30 M
Lump Sum	LS			REINFORCED BRIDGE APPROACH FILL, STATION ***** (18+05.190 -I1FLY-)	13.2 M
Lump Sum	LS			REINFORCED BRIDGE APPROACH FILL, STATION ***** (22+27.172 -40SBREV-)	48 EA
Lump Sum	LS			REINFORCED BRIDGE APPROACH FILL, STATION ***** (22+58.314 -I1FLY-)	19 EA
Lump Sum	LS			REINFORCED BRIDGE APPROACH FILL, STATION ***** (30+19.017 -L-NB)	1 EA
Lump Sum	LS			REINFORCED BRIDGE APPROACH FILL, STATION ***** (30+19.017 -L-SB)	1 EA
Lump Sum	LS			REINFORCED BRIDGE APPROACH FILL, STATION ***** (37+68.960 -L-NB)	1 EA
Lump Sum	LS			REINFORCED BRIDGE APPROACH FILL, STATION ***** (37+69.960 -L-SB)	1 EA
44,000	M3			UNDERCUT EXCAVATION	502.7 M
1,600	MTN			CLASS IV SUBGRADE STABILIZATION	890 M2
1,595,000	M3			BORROW EXCAVATION	150MM SLOPE PROTECTION
51,650	M3			DRAINAGE DITCH EXCAVATION	Lump Sum LS FINE GRADING
550	M			BERM DITCH CONSTRUCTION	185,040 M2
13,300	M2			REMOVAL OF EXISTING ASPHALT PAVEMENT	LIME TREATED SOIL (SLURRY METHOD)
85	HR			PROOF ROLLING	LIME FOR LIME TREATED SOIL
3,500	M3			SELECT GRANULAR MATERIAL	55 M3
3,500	M2			FABRIC FOR SOIL STABILIZATION	#57 STONE
285	M2			TEMPORARY SHORING - BARRIER SUPPORTED	500 MTN
3,645	MTN			SELECT MATERIAL, CLASS III	AGGREGATE BASE COURSE
3,075	MTN			FOUNDATION CONDITIONING MATERIAL, MINOR STRS	61,680 M2
845	MTN			GENERIC DRAINAGE ITEM BOULDERS	1,855 MTN
118.2	M			375MM SIDE DRAIN PIPE	PORTLAND CEMENT FOR SOIL CEMENT BASE
3,645.6	M			375MM RC PIPE CULVERTS, CLASS III	420 MTN
1,582.8	M			450MM RC PIPE CULVERTS, CLASS III	AGGREGATE FOR SOIL CEMENT BASE
1,135.2	M			600MM RC PIPE CULVERTS, CLASS III	41,945 L
564	M			750MM RC PIPE CULVERTS, CLASS III	ASPHALT CURING SEAL
366	M			900MM RC PIPE CULVERTS, CLASS III	1,000 MTN
109.2	M			1050MM RC PIPE CULVERTS, CLASS III	INCIDENTAL STONE BASE
440.4	M			1200MM RC PIPE CULVERTS, CLASS III	5,550 L
318	M			1350MM RC PIPE CULVERTS, CLASS III	46,700 MTN
130	M			1500MM RC PIPE CULVERTS, CLASS III	ASPHALT CONC BASE COURSE, TYPE B25.0B
					21,100 MTN
					ASPHALT CONC BASE COURSE, TYPE B25.0C
					5,900 MTN
					ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
					21,500 MTN
					ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
					22,400 MTN
					ASPHALT CONC SURFACE COURSE, TYPE S9.5B
					13,400 MTN
					ASPHALT CONC SURFACE COURSE, TYPE S9.5C
					5,660 MTN
					ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
					871 MTN
					ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
					100 MTN
					ASPHALT PLANT MIX PAVEMENT REPAIR
					170,300 M2
					***MM PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS) (280MM)
					46,200 M2
					***MM PORT CEM CONC PAVEMENT, RAMPS (WITH DOWELS) (250MM)
					1,700 M2
					***MM PORT CEM CONC PAVEMENT, MISCELLANEOUS (WITHOUT DOWELS) (250MM)
					Lump Sum LS SURFACE TESTING CONCRETE PAVEMENT
					Lump Sum LS FIELD LABORATORY RENTAL, PORT CEM CONC PAVEMENT
					194 EA
					RIGHT OF WAY MARKERS
					3,730 M3
					SUBDRAIN EXCAVATION
					1,870 M3
					SUBDRAIN FINE AGGREGATE

			187	M	GENERIC TRACKWORK ITEM EXISTING MAINLINE TRACK TO BE REMOVED & RECONSTRUCTED
4,500	M	150MM PERFORATED SUBDRAIN PIPE	603	M	GENERIC TRACKWORK ITEM MAINLINE DETOUR TRACK TO BE CONSTRUCTED & REMOVED
450	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS	414	M	GENERIC TRACKWORK ITEM RAILROAD TRACK TO BE RAISED
30	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	1,600	MTN	GENERIC TRACKWORK ITEM STONE BALAST (AREMA #3 MOD, SOU RY)
60	M	150MM OUTLET PIPE (SUBDRAINS)	20,728	M2	GENERIC WALL ITEM SOUND BARRIER WALL
19,712	M	SHOULDER DRAIN	5	M3	REINFORCED CONCRETE SIGN FOOTINGS
19,712	M	100MM SHOULDER DRAIN PIPE	3	M3	PLAIN CONCRETE SIGN FOOTINGS
1,646	M	100MM OUTLET PIPE (SHOULDER DRAINS)	3,098	KG	SUPPORTS, BREAKAWAY STEEL BEAM
57	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET	720	KG	SUPPORTS, SIMPLE STEEL BEAM
10	MTN	BLOTTING SAND	299	M	SUPPORTS, 4.5KG STEEL U-CHANNEL
19.2	M3	ENDWALLS	4	EA	SUPPORTS, 3KG STEEL U-CHANNEL
17.9	M3	REINFORCED ENDWALLS	27	EA	SIGN ERECTION, TYPE E
7.56	M3	PIPE COLLARS	15	EA	SIGN ERECTION, TYPE *** (OVERHEAD)
1	M3	PIPE PLUGS	16	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)
206	EA	MASONRY DRAINAGE STRUCTURES	2	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)
18.7	M3	MASONRY DRAINAGE STRUCTURES	4	EA	SIGN ERECTION, MILEMARKERS
37	M	MASONRY DRAINAGE STRUCTURES	15	EA	SIGN ERECTION, OVERLAY (OVERHEAD)
4	EA	FRAME WITH GRATE, STD 840.22	2	EA	SIGN ERECTION, OVERLAY (GROUND MOUNTED)
68	EA	FRAME WITH TWO GRATES, STD 840.**** (840.20)	2	EA	RELOCATE SIGN, TYPE ***** (A, OVERHEAD)
3	EA	FRAME WITH TWO GRATES, STD 840.16	4	EA	RELOCATE SIGN, TYPE ***** (B, OVERHEAD)
97	EA	FRAME WITH TWO GRATES, STD 840.22	9	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
9	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	7	EA	DISPOSAL OF SIGN, A OR B (OVERHEAD)
14	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "A"
12	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "B"
9	EA	FRAME WITH COVER, STD 840.54	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "C"
2,890	M	750MM CONCRETE CURB & GUTTER	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "D"
2,295	M	SHOULDER BERM GUTTER	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "E"
6	EA	MODIFIED CONCRETE FLUME	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "F"
3,500	M	CONCRETE EXPRESSWAY GUTTER	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "G"
105	M2	CONCRETE WHEELCHAIR RAMPS	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "H"
45	M2	100MM CONCRETE PAVED DITCH	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "I"
350	M2	75MM CONCRETE ISLAND COVERS	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "J"
535	M	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "A"
1	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "B"
2	EA	CONVERT EXISTING CATCH BASIN TO DROP INLET	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "C"
2	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "D"
3	EA	CONVERT EXISTING JUNCTION BOX TO DROP INLET	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "E"
3	EA	IMPACT ATTENUATOR UNIT, TYPE 350	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "F"
18,127.98	M	STEEL BM GUARDRAIL	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "G"
24	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "H"
10	EA	ADDITIONAL GUARDRAIL POSTS	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "I"
8	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77)	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "J"
38	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "A"
37	EA	GUARDRAIL ANCHOR UNITS, TYPE III	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "B"
43	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "C"
344	M	REMOVE & RESET EXISTING GUARDRAIL	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "D"
360	M	REMOVE EXISTING GUARDRAIL	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "E"
8,350	M	CHAIN LINK FENCE, *****MM FABRIC (1500MM)	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "F"
3,540	EA	METAL LINE POSTS FOR *****MM CHAIN LINK FENCE (1500MM)	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "G"
203	EA	METAL TERMINAL POSTS FOR *****MM CHAIN LINK FENCE (1500MM)	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "H"
15	M	WOVEN WIRE FENCE RESET	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "I"
350	MTN	PLAIN RIP RAP, CLASS I	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "J"
3,220	MTN	PLAIN RIP RAP, CLASS B	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "A"
8,540	M2	FILTER FABRIC FOR DRAINAGE	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "B"
7	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "C"
2,857.6	MTN	AGGREGATE BASE COURSE (SUB-BALLAST)	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "D"
100	EA	CROSS TIE REPLACEMENTS	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "E"

			2	M	***MM COPPER WATER PIPE, TYPE K (50MM)
			30	M	20MM COPPER WATER PIPE, TYPE K
			42	M	25MM COPPER WATER PIPE, TYPE K
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "K"	4,464	KG	DUCTILE IRON WATER PIPE FITTINGS, 1.72MPA MIN WP
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "L"	1	EA	25MM CORPORATION STOP
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "M"	1	EA	50MM CORPORATION STOP
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "N"	1	EA	***MM GATE VALVE & VALVE BOX, ****MPA WP (600MM, 1.38MPA)
Lump Sum	LS	GENERIC SIGNING ITEM STATIC LIGHTING FOR OVERHEAD SIGN ASSEMBLY "I"	7	EA	150MM GATE VALVE & VALVE BOX, 1.38MPA WP
Lump Sum	LS	GENERIC SIGNING ITEM STATIC LIGHTING FOR OVERHEAD SIGN ASSEMBLY "M"	2	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ****MPA WP (150MM X 150MM, 1.38MPA)
Lump Sum	LS	GENERIC SIGNING ITEM STATIC LIGHTING FOR OVERHEAD SIGN ASSEMBLY "N"	2	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ****MPA WP (200MM X 200MM, 1.38MPA)
	104	M2	2	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ****MPA WP (300MM X 300MM, 1.38MPA)
	213	M2			WORK ZONE SIGNS (PORTABLE)
	58	M2	2	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ****MPA WP (400MM X 400MM, 1.38MPA)
	4	EA			FLASHING ARROW PANELS, TYPE C
	5	EA			CHANGEABLE MESSAGE SIGNS
	11	EA	1	EA	WARNING FLAG SETS
	826	EA			DRUMS
	120	EA			CONES
	288	M			BARRICADES (TYPE III)
	2,880	HR			FLAGGER
	14	EA	1	EA	TEMPORARY CRASH CUSHIONS
	5	EA	1	EA	RESET TEMPORARY CRASH CUSHIONS
	3	EA	1	EA	TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH)
	4,114	M			PORTABLE CONCRETE BARRIER
	100	M			RESET PORTABLE CONCRETE BARRIER
	96	HR			POLICE
	20	EA	4	EA	TUBULAR MARKERS (FIXED)
	160	EA	4	EA	TEMPORARY RAISED PAVEMENT MARKERS
	1,330	M	2	EA	FIRE HYDRANT, ****MPA WP (1.38MPA)
	6,048	M	6	EA	RELOCATE EXISTING FIRE HYDRANT
	363	M	45	M	***MM PVC SEWER PIPE, SDR 35 (100MM)
	35	M	352	M	***MM DI SEWER PIPE, CLASS *** (200MM, 53)
	4	EA	674	M	200MM DI SEWER PIPE, PC 2.41MPA
	58	EA	488	M	***MM DI FORCE MAIN SEWER PIPE PC ****MPA (200MM, 2.41MPA)
	25	EA	494	KG	DUCTILE IRON SEWER PIPE FITTINGS, 1.72MPA MIN WP
	14,777	M	9	EA	SANITARY SEWER CLEAN-OUT
	9,262	M	18	EA	1200MM DIA PRECAST CONC SEWER MANHOLE 0-1.8M DEPTH
	86,511	M	31.5	M	PRECAST CONC MANHOLE WALL, ****MM DIA, OVER 1.8M HT (1200MM)
	2,678	M	7.51	M	SEWER MANHOLE OUTSIDE DROP ASSEMBLY
	25	EA	166	M	FILL OR REMOVE ABANDONED ***MM PIPE, ***** (600MM, DI WATER)
	264	EA	237	M	FILL OR REMOVE ABANDONED 300MM PIPE, ***** (DI WATER)
	2,637	EA	125	M	FILL OR REMOVE ABANDONED 400MM PIPE, ***** (DI WATER)
Lump Sum	LS	PORTABLE LIGHTING	18	EA	BREAK DOWN, PLUG, & FILL ABANDONED UTILITY MANHOLE
	550	MTN	4	EA	REMOVE EXISTING MANHOLE
	550	MTN	6	EA	GENERIC UTILITY ITEM 150MM RESTRAINED RETAINER GLANDS
	69	MTN	28	EA	GENERIC UTILITY ITEM 200MM RESTRAINED RETAINER GLANDS
	45	M	4	EA	GENERIC UTILITY ITEM 300MM RESTRAINED RETAINER GLANDS
	257	M	16	EA	GENERIC UTILITY ITEM 400MM RESTRAINED RETAINER GLANDS
	13	M	3	EA	GENERIC UTILITY ITEM 50MM PLUG
	22	M	330	MTN	GENERIC UTILITY ITEM #67 BEDDING STONE
	499	M	12,100	M	TEMPORARY SILT FENCE
	347	M	950	MTN	STONE FOR EROSION CONTROL, CLASS A
			27,150	MTN	STONE FOR EROSION CONTROL, CLASS B

				1	EA	GENERIC SIGNAL ITEM FIBER OPTIC DEMULTIPLEXER (FOTDEMUX)
				1	EA	GENERIC SIGNAL ITEM FIBER OPTIC MULTIPLEXER (FOT- MUX)
13,775	MTN	SEDIMENT CONTROL STONE		1	EA	GENERIC SIGNAL ITEM FURNISH FIBER OPTIC DEMULTI- PLEXER (FOTDEMUX)
93.5	HA	TEMPORARY MULCHING		1	EA	GENERIC SIGNAL ITEM FURNISH FIBER OPTIC MULTIPLEX- ER (FOTMUX)
5,725	KG	SEED FOR TEMPORARY SEEDING		1	EA	GENERIC SIGNAL ITEM FURNISH VIDEO OPTICAL RECEIVER (VOR-D)
46	MTN	FERTILIZER FOR TEMPORARY SEED- ING		1	EA	GENERIC SIGNAL ITEM FURNISH VIDEO OPTICAL TRANS- MITTER (VOT-D)
1,700	M	TEMPORARY SLOPE DRAINS		46	EA	GENERIC SIGNAL ITEM JUNCTION BOX (OVER-SIZED)
90	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS		1	EA	GENERIC SIGNAL ITEM RCU TERMINATION PANEL
150,000	M3	SILT EXCAVATION		1	EA	GENERIC SIGNAL ITEM RCU UNIT
6,800	M2	SYNTHETIC ROVING		4	EA	GENERIC SIGNAL ITEM SOIL TEST
33,500	M2	MATTING FOR EROSION CONTROL		3	EA	GENERIC SIGNAL ITEM VIDEO OPTICAL RECEIVER (VOR-D)
2,100	M	6.4MM HARDWARE CLOTH		3	EA	GENERIC SIGNAL ITEM VIDEO OPTICAL TRANSMITTER (VOT-D)
300	M	***MM TEMPORARY PIPE (450MM)		17	M	GENERIC SIGNAL ITEM DRILLED PIER FOUNDATION (1066MM DIA)
1	EA	***X***X***MM PERFORATED CS PIPE TEE RISER, 1.63MM THICK (600MM X 600MM X 600MM)		2,500	M	GENERIC SIGNAL ITEM UNDERGROUND MULTI-DUCT CONDUIT 1-1/4" (31.75MM) (4 CONDUITS)
900	M3	STILLING BASINS				
138	HA	SEEDING & MULCHING				
50	HA	MOWING				
1,100	KG	SEED FOR REPAIR SEEDING				
3.75	MTN	FERTILIZER FOR REPAIR SEEDING				
3,825	KG	SEED FOR SUPPLEMENTAL SEEDING				
228.5	MTN	FERTILIZER TOPDRESSING				
2.25	HA	SPECIALIZED SEEDING UNDER GUIDERAIL & GUARDRAIL (HARD FESCUE/BLUEGRASS)				
75	M	IMPERVIOUS DIKE				
125	HR	SPECIALIZED HAND MOWING				
28	EA	RESPONSE FOR EROSION CONTROL				
500	M3	CULVERT DIVERSION CHANNEL				
4.5	HA	REFORESTATION				
1.93	HA	STREAMBANK REFORESTATION				
1,400	M2	GENERIC EROSION CONTROL ITEM COIR FIBER MAT				
160	M	SIGNAL CABLE				
4	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)		Lump Sum	LS	CULVERT EXCAVATION, STA ***** (24+73.000 -L-)
2	EA	VEHICLE SIGNAL HEAD (300MM, 5 SECTION)		Lump Sum	LS	CULVERT EXCAVATION, STA ***** (25+35.778 -CSLIP-)
195	M	MESSENGER CABLE (9.52MM)		Lump Sum	LS	CULVERT EXCAVATION, STA ***** (31+72.000 -L-)
50	M	JACK & BORE		Lump Sum	LS	CULVERT EXCAVATION, STA ***** (36+90.000 -L-)
6,150	M	TRACER WIRE		Lump Sum	LS	CULVERT EXCAVATION, STA ***** (45+56.821 -L-)
595	M	TRENCHING (UNPAVED)		826	MTN	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT
200	M	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, 31.75MM (** CONDUIT) (1)		1,172	M3	CLASS A CONCRETE (CULVERT)
100	M	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, 31.75MM (** CONDUIT) (2)		105,271	KG	REINFORCING STEEL (CULVERT)
500	M	DIRECTIONAL DRILL OUTER-DUCT CONDUIT, 125MM		29.2	MTN	PLAIN RIP RAP, CLASS ** (1)
3,000	M	TRENCH MULTI-DUCT, 31.75MM (** CONDUIT) (2)		21.5	M2	FILTER FABRIC FOR DRAINAGE
500	M	MULTI-DUCT, 31.75MM IN OUTER- DUCT (** CONDUIT) (4)				
4	EA	JUNCTION BOX (STANDARD SIZE)				
1	EA	WOOD POLE		Lump Sum	LS	MSE RETAINING WALL, STA ***** (14+47.000 -Y2R-)
7	EA	GUY ASSEMBLY		Lump Sum	LS	MSE RETAINING WALL, STA ***** (19+20.000 -L-)
2	EA	50MM RISER WITH WEATHERHEAD				
215	M	INDUCTIVE LOOP SAWCUT				
585	M	LEAD-IN CABLE				
1	EA	MICROWAVE VEHICLE DETECTOR				
75	M	TYPE 2 LEAD-IN CABLE				
1,150	M	COMMUNICATIONS CABLE (** TWISTED-PAIR) (12)				
6,000	M	COMMUNICATIONS CABLE (**FIBER) (144)		Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 14+85.685 -L-)
150	M	DROP CABLE		Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 27+05.047 -L-)
3	EA	AERIAL SPLICE ENCLOSURE		Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 28+40.679 -L-)
5	EA	INTERCONNECT CENTER		Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 42+56.697 -L-)
30	EA	DELINEATOR MARKER		Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 27+05.047 -L-)
4	EA	METAL STRAIN SIGNAL POLE		Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 27+05.047 -L-)
4	EA	METAL SIGNAL POLE FOUNDATION		Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 28+40.679 -L-)
2	EA	SIGN FOR SIGNALS		Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (3, 27+05.047 -L-)
1	EA	SIGNAL CABINET FOUNDATION		Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 28+40.679 -L-)
1	EA	CABINET BASE ADAPTER		Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (3, 27+05.047 -L-)
1	EA	CONTROLLER WITH CABINET (NEMA TS-1, BASE MOUNTED)		Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (3, 27+05.047 -L-)
7	EA	DETECTOR CHANNEL (NEMA TS-1)				
3	EA	SPLICE CABINET				
1	EA	GENERIC SIGNAL ITEM CABINET FOUNDATION				
3	EA	GENERIC SIGNAL ITEM CCTV ASSEMBLY				
3	EA	GENERIC SIGNAL ITEM CCTV METAL POLE				

CULVERT ITEMS

WALL ITEMS

STRUCTURE ITEMS

Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (3, 28+40.679 -L-)	196.48	M	GENERIC STRUCTURE ITEM TWO BAR METAL RAIL (ALUMINUM) (STA 52+82.882-L-)
158.4	M	*****MM DIA DRILLED PIERS IN SOIL (1067MM)			
421.5	M	*****MM DIA DRILLED PIERS IN SOIL (1220MM)			
90.5	M	*****MM DIA DRILLED PIERS IN SOIL (1676MM)			
24	M	*****MM DIA DRILLED PIERS NOT IN SOIL (1067MM)			
116	M	*****MM DIA DRILLED PIERS NOT IN SOIL (1220MM)			
46	M	*****MM DIA DRILLED PIERS NOT IN SOIL (1676MM)			
56	EA	SPT TESTING			
10	EA	CROSSHOLE SONIC LOGGING			
3,984	M	CSL TUBES			
22,107.6	M2	REINFORCED CONCRETE DECK SLAB			
19,685.4	M2	GROOVING BRIDGE FLOORS			
354.5	M3	CLASS AA CONCRETE (BRIDGE)			
3,968.4	M3	CLASS A CONCRETE (BRIDGE)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+85.685 -L-)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+88.479 -I1140SBREV-)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (18+08.003 -40SBREV-)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (22+49.139 -I1FLY-)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (27+05.047 -L-)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (28+40.679 -L)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (30+19.017 -L- LT LN)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (30+19.017 -L- RT LN)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (37+68.960 -L- LT LN)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (37+68.960 -L- RT LN)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (42+56.697 -L-)			
578,859	KG	REINFORCING STEEL (BRIDGE)			
24,731	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)			
4,834,200	LS	APPROX KG STRUCTURAL STEEL			
Lump Sum	LS	PAINTING STRUCTURAL STEEL, STA ***** (52+82.882 -L-)			
6,470.3	M	HP310X79 STEEL PILES			
152	EA	STEEL PILE POINTS			
186.6	M2	METHOD A WATERPROOFING			
233	M2	METHOD D DAMPPROOFING			
232.442	M	TWO BAR METAL RAIL			
158.351	M	THREE BAR METAL RAIL			
1,803.725	M	CONCRETE BARRIER RAIL			
118.935	M	*** X ****MM CONCRETE PARAPET (355MM X 978MM)			
118.935	M	*** X ****MM CONCRETE PARAPET (355MM X 1011MM)			
10,782	M2	100MM SLOPE PROTECTION			
Lump Sum	LS	SELF-LUBRICATING EXPANSION BEARING ASSEMBLIES			
Lump Sum	LS	POT BEARINGS			
Lump Sum	LS	ELASTOMERIC BEARINGS			
Lump Sum	LS	EVAZOTE JOINT SEALS			
Lump Sum	LS	EXPANSION JOINT SEALS			
Lump Sum	LS	MODULAR EXPANSION JOINT SEALS			
Lump Sum	LS	STRUCTURE DRAINAGE SYSTEM, STA ***** (52+82.882 -L-)			
65.7	M	GENERIC STRUCTURE ITEM COLUMN EXCAVATION IN SOIL			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L031118 003

CONTRACT ID : C200787 34820.3.20

DIV OFFICE GREENSBORO

LENGTH = 5.585 KM

COUNTY : GUILFORD

GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURE.

DBE GOAL 10.0% COMPLETION DATE : JUL 01 2007

GREENSBORO WESTERN LOOP FROM NORTH OF NORFOLK SOUTHERN RR TO SR-1541 (WENDOVER AVE).

ROADWAY ITEMS					
			73.2	M	****MM RC PIPE CULVERTS, CLASS IV (1350MM)
Lump Sum	LS	MOBILIZATION	105.6	M	****MM RC PIPE CULVERTS, CLASS IV (1500MM)
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	GENERIC MISCELLANEOUS ITEM CRITICAL PATH METHOD SCHEDULE	115.2	M	****MM RC PIPE CULVERTS, CLASS IV (450MM)
Lump Sum	LS	CLEARING & GRUBBING ... HEC-TARE(S)	153.6	M	****MM RC PIPE CULVERTS, CLASS IV (600MM)
2	HA	SUPPLEMENTARY CLEARING & GRUBBING			
23	EA	SEALING ABANDONED WELLS	70.8	M	****MM RC PIPE CULVERTS, CLASS IV (750MM)
399,000	M3	UNCLASSIFIED EXCAVATION			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (61+19.7)	102	M	****MM RC PIPE CULVERTS, CLASS IV (900MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (61+31.21)	1	EA	*** X *** X ***MM RC PIPE TEES CLASS III (375MM X 375MM X 375MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (91+24.379)	28.8	M	150MM CS PIPE CULVERTS, 1.63MM THICK (SPRING BOX)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (91+25.321)	301.2	M	400MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (95+97.104)	66	M	450MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (95+98.399)	52.8	M	600MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
25,000	M3	UNDERCUT EXCAVATION	14.4	M	800MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK
2,000	MTN	CLASS IV SUBGRADE STABILIZATION	15.6	M	900MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK
1,599,000	M3	BORROW EXCAVATION	26	EA	400MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
7,430	M3	DRAINAGE DITCH EXCAVATION	8	EA	450MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
270	M	BERM DITCH CONSTRUCTION	3	EA	600MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
20,000	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT	2	EA	800MM BIT COAT CS PIPE ELBOWS, TYPE B 2.01MM THICK
2,500	M2	BREAKING OF EXISTING ASPHALT PAVEMENT			
80	HR	PROOF ROLLING	786	M	PIPE REMOVAL
3,000	M3	SELECT GRANULAR MATERIAL	135	M2	150MM SLOPE PROTECTION
3,000	M2	FABRIC FOR SOIL STABILIZATION	Lump Sum	LS	FINE GRADING
1,800	M2	TEMPORARY SHORING	69,840	M2	LIME TREATED SOIL (SLURRY METHOD)
4,300	MTN	SELECT MATERIAL, CLASS II	770	MTN	LIME FOR LIME TREATED SOIL
2,250	MTN	SELECT MATERIAL, CLASS III	500	MTN	STABILIZER AGGREGATE
2,240	MTN	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	36,300	MTN	AGGREGATE BASE COURSE
22	MTN	GENERIC DRAINAGE ITEM BOULDERS	46,560	M2	***MM SOIL CEMENT BASE (180MM)
106.8	M	375MM SIDE DRAIN PIPE	1,400	MTN	PORTLAND CEMENT FOR SOIL CEMENT BASE
16.8	M	450MM SIDE DRAIN PIPE	320	MTN	AGGREGATE FOR SOIL CEMENT BASE
30	M	300MM RC PIPE CULVERTS, CLASS III	79,200	L	ASPHALT CURING SEAL
2,830.8	M	375MM RC PIPE CULVERTS, CLASS III	500	MTN	INCIDENTAL STONE BASE
928.8	M	450MM RC PIPE CULVERTS, CLASS III	9,500	L	PRIME COAT
578.4	M	600MM RC PIPE CULVERTS, CLASS III	37,400	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B
649.2	M	750MM RC PIPE CULVERTS, CLASS III	24,100	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C
61.2	M	900MM RC PIPE CULVERTS, CLASS III	8,500	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
262.8	M	1050MM RC PIPE CULVERTS, CLASS III	23,700	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
116.4	M	1200MM RC PIPE CULVERTS, CLASS III	22,600	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
80.4	M	1350MM RC PIPE CULVERTS, CLASS III	17,300	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
38.4	M	1500MM RC PIPE CULVERTS, CLASS III	5,700	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
217.2	M	****MM RC PIPE CULVERTS, CLASS IV (1050MM)	1,200	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
102	M	****MM RC PIPE CULVERTS, CLASS IV (1200MM)	100	MTN	ASPHALT PLANT MIX PAVEMENT REPAIR
			150,800	M2	***MM PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS) (280MM)
			18,000	M2	***MM PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS) (360MM)

				2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
			10,420	M		CHAIN LINK FENCE, ****MM FABRIC (1800MM)
3,700	M2	****MM PORT CEM CONC PAVEMENT, RAMPS (WITH DOWELS) (280MM)		2,860	EA	METAL LINE POSTS FOR ****MM CHAIN LINK FENCE (1800MM)
2,700	M2	****MM PORT CEM CONC PAVEMENT, MISCELLANEOUS (WITHOUT DOWELS) (280MM)		138	EA	METAL TERMINAL POSTS FOR ****MM CHAIN LINK FENCE (1800MM)
800	M2	****MM PORT CEM CONC PAVEMENT, MISCELLANEOUS (WITHOUT DOWELS) (360MM)		870	MTN	PLAIN RIP RAP, CLASS I
Lump Sum	LS	SURFACE TESTING CONCRETE PAVEMENT		1,000	MTN	PLAIN RIP RAP, CLASS B
Lump Sum	LS	FIELD LABORATORY RENTAL, PORT CEM CONC PAVEMENT		6,000	M2	FILTER FABRIC FOR DRAINAGE
552	M3	SUBDRAIN EXCAVATION		11	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
414	M3	SUBDRAIN FINE AGGREGATE		5,100	M2	GENERIC WALL ITEM SOUND BARRIER WALL
1,000	M	150MM PERFORATED SUBDRAIN PIPE		5	M3	REINFORCED CONCRETE SIGN FOOTINGS
100	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS		3	M3	PLAIN CONCRETE SIGN FOOTINGS
7	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET		2,261	KG	SUPPORTS, BREAKAWAY STEEL BEAM
14	M	150MM OUTLET PIPE (SUBDRAINS)		1,441	KG	SUPPORTS, SIMPLE STEEL BEAM
13,600	M	SHOULDER DRAIN		525	M	SUPPORTS, 4.5KG STEEL U-CHANNEL
13,600	M	100MM SHOULDER DRAIN PIPE		6	EA	SUPPORTS, 3KG STEEL U-CHANNEL
1,260	M	100MM OUTLET PIPE (SHOULDER DRAINS)		8	EA	SIGN ERECTION, TYPE D
50	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET		69	EA	SIGN ERECTION, TYPE E
10	MTN	BLOTTING SAND		8	EA	SIGN ERECTION, TYPE F
25	M3	ENDWALLS		14	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
12	M3	REINFORCED ENDWALLS		6	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)
2	M3	PIPE COLLARS		6	EA	SIGN ERECTION, MILEMARKERS
1	M3	PIPE PLUGS		1	EA	RELOCATE SIGN, TYPE ***** (A, GROUND MOUNTED)
167	EA	MASONRY DRAINAGE STRUCTURES		2	EA	DISPOSAL OF SUPPORT, STEEL BEAM
55	M	MASONRY DRAINAGE STRUCTURES		28	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
6	EA	FRAME WITH GRATE, STD 840.**** (840.16)		3	EA	DISPOSAL OF SIGN, D, E OR F
3	EA	FRAME WITH GRATE, STD 840.22		Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM (DMS-1)
38	EA	FRAME WITH TWO GRATES, STD 840.***** (840.20)		Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM (DMS-2)
1	EA	FRAME WITH TWO GRATES, STD 840.***** (840.37)		Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN BENCH TEST UNIT
60	EA	FRAME WITH TWO GRATES, STD 840.22		Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN MAINTENANCE TRAINING
13	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)		Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS
17	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)		Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM INTEGRATION
20	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)		Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM NTCIP ACCEPTANCE TESTS
5	EA	FRAME WITH COVER, STD 840.54		Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM OPERATIONAL FACTORY TEST
5	EA	GENERIC DRAINAGE ITEM CONVERT EXISTING DRAINAGE BOX TO CATCH BASIN		Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM OPERATIONAL FIELD TESTS
350	M	450MM CONCRETE CURB & GUTTER		Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "A"
3,670	M	750MM CONCRETE CURB & GUTTER		Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "B"
4,300	M	CONCRETE EXPRESSWAY GUTTER		Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "C"
70	M2	CONCRETE WHEELCHAIR RAMPS		Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "D"
200	M2	150MM CONCRETE DRIVEWAY		Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "E"
80	M2	100MM CONCRETE PAVED DITCH		Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "F"
550	M2	125MM MONOLITHIC CONCRETE ISLANDS (KEYED IN)		Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "G"
290	M	CONCRETE BARRIER, TYPE ***** (T)		Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "H"
1	EA	CONCRETE BARRIER TRANSITION SECTION		Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "I"
420	M	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED				
2	EA	ADJUSTMENT OF CATCH BASINS				
1	EA	ADJUSTMENT OF MANHOLES				
16,958.31	M	STEEL BM GUARDRAIL				
68.58	M	STEEL BM GUARDRAIL, SHOP CURVED				
2	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS				
10	EA	ADDITIONAL GUARDRAIL POSTS				
5	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77)				
29	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1				
35	EA	GUARDRAIL ANCHOR UNITS, TYPE III				
35	EA	GUARDRAIL ANCHOR UNITS, TYPE 350				
205	M	REMOVE EXISTING GUARDRAIL				
160.02	M	TEMPORARY STEEL BM GUARDRAIL				

			18	EA	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING SYMBOL
Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "J"	1,980	EA	SNOWFLOWABLE RAISED PAVEMENT MARKERS
			6	EA	2.1M U-CHANNEL POSTS
Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "K"	132	EA	FLEXIBLE DELINEATORS (CRYSTAL)
			84	EA	FLEXIBLE DELINEATORS (YELLOW)
Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "L"	5	EA	FLEXIBLE DELINEATORS (CRYSTAL & RED)
			10	EA	FLEXIBLE DELINEATORS (YELLOW & RED)
Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "M"	6	EA	OBJECT MARKERS (END OF ROAD)
			3	EA	30.5M HIGH MOUNT STANDARD
Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY ("DMS-1 & 2")	1	EA	PORTABLE DRIVE UNIT
			10.5	M3	HIGH MOUNT FOUNDATIONS (129KM/HR)
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD DYNAMIC MESSAGE SIGN ASSEMBLY ("DMS-1 & 2")	12	EA	HIGH MOUNT LUMINAIRES ***** (480V, 1KW HPS)
			25	M	ELECTRIC SERVICE LATERAL ***** (3, #1/0 USE IN TS2 C)
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "A"	1	EA	LIGHT CONTROL EQUIPMENT, TYPE RW ***** (240/480V, 150A, 1PH, 3W)
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "B"	55	M	ELECTRICAL DUCT, TYPE JA, SIZE **** (TS2)
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "D"	118	M	***#8 W/G FEEDER CIRCUIT (2)
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "E"	385	M	***#8 W/G FEEDER CIRCUIT IN SIZE *** CONDUIT (2, TS1.5)
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "F"	2	EA	ELECTRICAL JUNCTION BOXES ***** (PC 18)
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "G"	1,175	MTN	FOUNDATION CONDITIONING MATE- RIAL, UTILITIES CLASS ***** (IV)
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "H"	1,175	MTN	SELECT BACKFILL MATERIAL, UTILITIES CLASS **** (IV)
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "I"	85	MTN	PAVEMENT REPAIR FOR UTILITY WORK
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "K"	2	M	150MM DI WATER PIPE, PC 2.41MPA
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "L"	12	M	200MM DI WATER PIPE, PC 2.41MPA
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "M"	70	M2	WORK ZONE SIGNS (STATIONARY)
			48	M2	WORK ZONE SIGNS (PORTABLE)
			19	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)
			2	EA	FLASHING ARROW PANELS, TYPE C
			4	EA	WARNING FLAG SETS
			365	EA	DRUMS
			150	EA	CONES
			310	M	BARRICADES (TYPE III)
			58	HR	FLAGGER
			6	EA	TEMPORARY CRASH CUSHIONS
			800	M	PORTABLE CONCRETE BARRIER
			690	EA	TEMPORARY RAISED PAVEMENT MARKERS
			7,320	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)
			4,560	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)
			470	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)
			100	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)
			8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)
			69	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)
			20,550	M	PAINT PAVEMENT MARKING LINES (100MM)
			80	M	PAINT PAVEMENT MARKING LINES (200MM)
			70	M	PAINT PAVEMENT MARKING LINES (600MM)
			14	EA	PAINT PAVEMENT MARKING SYMBOL
			9,034	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)
			18	M	REMOVAL OF PAVEMENT MARKING LINES (200MM)
			15	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
			43,670	M	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES, 150MM
			3,340	M	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES, 300MM
			2	EA	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING CHARACTER
			18	EA	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING SYMBOL
			1,980	EA	SNOWFLOWABLE RAISED PAVEMENT MARKERS
			6	EA	2.1M U-CHANNEL POSTS
			132	EA	FLEXIBLE DELINEATORS (CRYSTAL)
			84	EA	FLEXIBLE DELINEATORS (YELLOW)
			5	EA	FLEXIBLE DELINEATORS (CRYSTAL & RED)
			10	EA	FLEXIBLE DELINEATORS (YELLOW & RED)
			6	EA	OBJECT MARKERS (END OF ROAD)
			3	EA	30.5M HIGH MOUNT STANDARD
			1	EA	PORTABLE DRIVE UNIT
			10.5	M3	HIGH MOUNT FOUNDATIONS (129KM/HR)
			12	EA	HIGH MOUNT LUMINAIRES ***** (480V, 1KW HPS)
			25	M	ELECTRIC SERVICE LATERAL ***** (3, #1/0 USE IN TS2 C)
			1	EA	LIGHT CONTROL EQUIPMENT, TYPE RW ***** (240/480V, 150A, 1PH, 3W)
			55	M	ELECTRICAL DUCT, TYPE JA, SIZE **** (TS2)
			118	M	***#8 W/G FEEDER CIRCUIT (2)
			385	M	***#8 W/G FEEDER CIRCUIT IN SIZE *** CONDUIT (2, TS1.5)
			2	EA	ELECTRICAL JUNCTION BOXES ***** (PC 18)
			1,175	MTN	FOUNDATION CONDITIONING MATE- RIAL, UTILITIES CLASS ***** (IV)
			1,175	MTN	SELECT BACKFILL MATERIAL, UTILITIES CLASS **** (IV)
			85	MTN	PAVEMENT REPAIR FOR UTILITY WORK
			2	M	150MM DI WATER PIPE, PC 2.41MPA
			12	M	200MM DI WATER PIPE, PC 2.41MPA
			1,251	M	300MM DI WATER PIPE, PC 2.41MPA
			19	M	20MM COPPER WATER PIPE, TYPE K
			166	M	50MM PVC WATER PIPE, SDR 21, 1.38MPA WP
			1,163	KG	DUCTILE IRON WATER PIPE FIT- TINGS, 1.72MPA MIN WP
			1	EA	20MM CORPORATION STOP
			1	EA	50MM CORPORATION STOP
			1	EA	***MM GATE VALVE & VALVE BOX, ****MPA WP (500MM, 1.38MPA)
			2	EA	200MM GATE VALVE & VALVE BOX, ****MPA WP (1.38MPA)
			1	EA	300MM GATE VALVE & VALVE BOX, ****MPA WP (1.38MPA)
			2	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ****MPA WP (200MM X 200MM, 1.38MPA)
			3	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ****MPA WP (300MM X 300MM, 1.38MPA)
			1	EA	*** X ***MM TAPPING SADDLE (300MM X 50MM)
			1	EA	***MM AIR RELEASE VALVE & MAN- HOLE (50MM)
			3	EA	50MM BLOW OFF ASSEMBLY
			3	EA	RELOCATE EXISTING WATER METER
			1	EA	RELOCATE EXISTING FIRE HYDRANT
			400	M	***MM PVC SEWER PIPE, SDR 35 (100MM)
			218	M	***MM DI SEWER PIPE, CLASS *** (450MM, 53)
			195	M	200MM DI SEWER PIPE, PC 2.41MPA
			17	M	300MM DI SEWER PIPE, PC 2.41MPA
			50	M	450MM DI SEWER PIPE, PC ****MPA (2.41MPA)
			127	M	***MM DI FORCE MAIN SEWER PIPE PC ****MPA (150MM, 2.41MPA)
			794	M	***MM DI FORCE MAIN SEWER PIPE PC ****MPA (200MM, 2.41MPA)

Lump Sum LS MSE RETAINING WALL, STA *****
(61+83.180 -L- WALL 1)

STRUCTURE ITEMS

Lump Sum LS FOUNDATION EXCAVATION FOR BENT
** AT STATION *****
(1, 61+20.620 -L- LT)

Lump Sum LS FOUNDATION EXCAVATION FOR BENT
** AT STATION *****
(1, 61+20.620 -L- RT)

Lump Sum LS FOUNDATION EXCAVATION FOR BENT
** AT STATION *****
(1, 77+54.181 -L-)

Lump Sum LS FOUNDATION EXCAVATION FOR BENT
** AT STATION *****
(1, 91+24.858 -L- LT)

Lump Sum LS FOUNDATION EXCAVATION FOR BENT
** AT STATION *****
(1, 91+24.858 -L- RT)

Lump Sum LS FOUNDATION EXCAVATION FOR BENT
** AT STATION *****
(1, 96+00.591 -L- RT)

Lump Sum LS FOUNDATION EXCAVATION FOR BENT
** AT STATION *****
(1, 96+00.591 -L- LT)

Lump Sum LS FOUNDATION EXCAVATION FOR BENT
** AT STATION *****
(2, 61+20.620 -L- LT)

Lump Sum LS FOUNDATION EXCAVATION FOR BENT
** AT STATION *****
(2, 61+20.620 -L- RT)

Lump Sum LS FOUNDATION EXCAVATION FOR BENT
** AT STATION *****
(2, 96+00.591 -L- LT)

Lump Sum LS FOUNDATION EXCAVATION FOR BENT
** AT STATION *****
(2, 96+00.591 -L- RT)

11,411.8 M2 REINFORCED CONCRETE DECK SLAB

11,225.5 M2 GROOVING BRIDGE FLOORS

2,105.7 M3 CLASS A CONCRETE (BRIDGE)

Lump Sum LS BRIDGE APPROACH SLABS, STATION

(61+20.620 -L- LT)

Lump Sum LS BRIDGE APPROACH SLABS, STATION

(61+20.620 -L-RT)

Lump Sum LS BRIDGE APPROACH SLABS, STATION

(77+54.181 -L-)

Lump Sum LS BRIDGE APPROACH SLABS, STATION

(91+24.858 -L- LT)

Lump Sum LS BRIDGE APPROACH SLABS, STATION

(91+24.858 -L- RT)

Lump Sum LS BRIDGE APPROACH SLABS, STATION

(96+00.591 -L- LT)

Lump Sum LS BRIDGE APPROACH SLABS, STATION

(96+00.591 -L- RT)

188,157 KG REINFORCING STEEL (BRIDGE)

15,079 KG SPIRAL COLUMN REINFORCING
STEEL (BRIDGE)

1,055.12 M 1372MM PRESTRESSED CONCRETE
GIRDERS

1,281.92 M MODIFIED 1829MM PRESTRESSED
CONC GIRDERS

690,350 LS APPROX KG STRUCTURAL
STEEL

6,499 M HP310X79 STEEL PILES

159.684 M THREE BAR METAL RAIL

811.984 M CONCRETE BARRIER RAIL

7,128.4 M2 100MM SLOPE PROTECTION

Lump Sum LS POT BEARINGS

Lump Sum LS ELASTOMERIC BEARINGS

Lump Sum LS EVAZOTE JOINT SEALS

2 EA GENERIC STRUCTURE ITEM
DYNAMIC LOAD TEST

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L031118 004

CONTRACT ID : C200940 34820.3.19

DIV OFFICE GREENSBORO

LENGTH = 12.354 KM

COUNTY : GUILFORD

GRADING, DRAINAGE, PAVING, ITS, TRACKWORK & STRUCTURES.

DBE GOAL 10.0% COMPLETION DATE : JUL 01 2007

GREENSBORO WESTERN LOOP FROM NORTH OF I-85 NEAR GROOMETOWN TO SR-1541 (WENDOVER AVE).

ROADWAY ITEMS			867	MTN	GENERIC DRAINAGE ITEM BOULDERS
			225	M	375MM SIDE DRAIN PIPE
			16.8	M	450MM SIDE DRAIN PIPE
			30	M	300MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	GENERIC MISCELLANEOUS ITEM CRITICAL PATH METHOD SCHEDULE	6,476.4	M	375MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	CLEARING & GRUBBING ... HEC-TARE(S)	2,511.6	M	450MM RC PIPE CULVERTS, CLASS III
3.6	HA	SUPPLEMENTARY CLEARING & GRUBBING	1,713.6	M	600MM RC PIPE CULVERTS, CLASS III
27	EA	SEALING ABANDONED WELLS	1,213.2	M	750MM RC PIPE CULVERTS, CLASS III
1,574,000	M3	UNCLASSIFIED EXCAVATION			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (15+80.638 -Y2R-)	427.2	M	900MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+84.289 -I11-40NB-)	372	M	1050MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (18+04.376 -40SBREV-)	556.8	M	1200MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (18+04.376 -40SBREV-)	398.4	M	1350MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (18+05.190 -I1FLY-)	168.4	M	1500MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (22+27.172 -40SBREV-)	217.2	M	****MM RC PIPE CULVERTS, CLASS IV (1050MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (22+58.314 -I1FLY-)	102	M	****MM RC PIPE CULVERTS, CLASS IV (1200MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (30+19.017 -L-NB)	73.2	M	****MM RC PIPE CULVERTS, CLASS IV (1350MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (30+19.017 -L-SB)	105.6	M	****MM RC PIPE CULVERTS, CLASS IV (1500MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (37+68.960 -L-NB)	246	M	****MM RC PIPE CULVERTS, CLASS IV (1650MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (37+69.960 -L-SB)	115.2	M	****MM RC PIPE CULVERTS, CLASS IV (450MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (61+19.7)	153.6	M	****MM RC PIPE CULVERTS, CLASS IV (600MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (61+31.21)	136.8	M	****MM RC PIPE CULVERTS, CLASS IV (750MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (91+24.379)	296.4	M	****MM RC PIPE CULVERTS, CLASS IV (900MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (91+25.321)	1	EA	*** X *** X ****MM RC PIPE TEES CLASS III (375MM X 375MM X 375MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (95+97.104)	28.8	M	150MM CS PIPE CULVERTS, 1.63MM THICK (SPRING BOX)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (95+98.399)	6	M	***MM BIT COAT CS PIPE CULVERTS, TYPE B ****MM THICK (150MM, 1.63MM)
69,000	M3	UNDERCUT EXCAVATION	6	M	***MM BIT COAT CS PIPE CULVERTS, TYPE B ****MM THICK (200MM, 1.63MM)
3,600	MTN	CLASS IV SUBGRADE STABILIZATION	866.4	M	400MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
3,194,000	M3	BORROW EXCAVATION	286.8	M	450MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
59,080	M3	DRAINAGE DITCH EXCAVATION	82.8	M	600MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
820	M	BERM DITCH CONSTRUCTION	27.6	M	800MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK
33,300	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT	15.6	M	900MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK
2,500	M2	BREAKING OF EXISTING ASPHALT PAVEMENT			
165	HR	PROOF ROLLING	74	EA	400MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
6,500	M3	SELECT GRANULAR MATERIAL	27	EA	450MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
6,500	M2	FABRIC FOR SOIL STABILIZATION	4	EA	600MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
1,800	M2	TEMPORARY SHORING			
285	M2	TEMPORARY SHORING - BARRIER SUPPORTED	3	EA	800MM BIT COAT CS PIPE ELBOWS, TYPE B 2.01MM THICK
4,300	MTN	SELECT MATERIAL, CLASS II			
5,895	MTN	SELECT MATERIAL, CLASS III			
5,315	MTN	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	1,288.7	M	PIPE REMOVAL
			1,025	M2	150MM SLOPE PROTECTION
			Lump Sum	LS	FINE GRADING

254,880	M2	LIME TREATED SOIL (SLURRY METHOD)	157	EA	FRAME WITH TWO GRATES, STD 840.22
2,810	MTN	LIME FOR LIME TREATED SOIL	22	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
55	M3	#57 STONE	31	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
1,000	MTN	STABILIZER AGGREGATE			(E)
60,800	MTN	AGGREGATE BASE COURSE	32	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
108,240	M2	***MM SOIL CEMENT BASE (180MM)			(F)
3,255	MTN	PORTLAND CEMENT FOR SOIL CEMENT BASE	14	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
740	MTN	AGGREGATE FOR SOIL CEMENT BASE	5	EA	FRAME WITH COVER, STD 840.54
121,145	L	ASPHALT CURING SEAL			GENERIC DRAINAGE ITEM
1,500	MTN	INCIDENTAL STONE BASE	350	M	CONVERT EXISTING DRAINAGE BOX TO CATCH BASIN
15,050	L	PRIME COAT	6,560	M	450MM CONCRETE CURB & GUTTER
84,100	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B	2,295	M	750MM CONCRETE CURB & GUTTER
45,200	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C	6	EA	SHOULDER BERM GUTTER
14,400	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	7,800	M	MODIFIED CONCRETE FLUME
45,200	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	175	M2	CONCRETE EXPRESSWAY GUTTER
45,000	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	200	M2	CONCRETE WHEELCHAIR RAMPS
30,700	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	125	M2	150MM CONCRETE DRIVEWAY
11,360	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	200	M2	100MM CONCRETE PAVED DITCH
2,071	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	350	M2	75MM CONCRETE ISLAND COVERS
200	MTN	ASPHALT PLANT MIX PAVEMENT REPAIR	550	M2	125MM MONOLITHIC CONCRETE ISLANDS (KEYED IN)
321,100	M2	***MM PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS) (280MM)	290	M	CONCRETE BARRIER, TYPE *****
18,000	M2	***MM PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS) (360MM)	1	EA	CONCRETE BARRIER TRANSITION SECTION
46,200	M2	***MM PORT CEM CONC PAVEMENT, RAMPS (WITH DOWELS) (250MM)	955	M	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
3,700	M2	***MM PORT CEM CONC PAVEMENT, RAMPS (WITH DOWELS) (280MM)	2	EA	ADJUSTMENT OF CATCH BASINS
1,700	M2	***MM PORT CEM CONC PAVEMENT, MISCELLANEOUS (WITHOUT DOWELS) (250MM)	1	EA	ADJUSTMENT OF MANHOLES
2,700	M2	***MM PORT CEM CONC PAVEMENT, MISCELLANEOUS (WITHOUT DOWELS) (280MM)	1	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX
800	M2	***MM PORT CEM CONC PAVEMENT, MISCELLANEOUS (WITHOUT DOWELS) (360MM)	2	EA	CONVERT EXISTING CATCH BASIN TO DROP INLET
Lump Sum	LS	SURFACE TESTING CONCRETE PAVEMENT	2	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX
Lump Sum	LS	FIELD LABORATORY RENTAL, PORT CEM CONC PAVEMENT	3	EA	CONVERT EXISTING JUNCTION BOX TO DROP INLET
194	EA	RIGHT OF WAY MARKERS	3	EA	IMPACT ATTENUATOR UNIT, TYPE 350
4,282	M3	SUBDRAIN EXCAVATION	35,086.29	M	STEEL BM GUARDRAIL
2,284	M3	SUBDRAIN FINE AGGREGATE	68.58	M	STEEL BM GUARDRAIL, SHOP CURVED
5,500	M	150MM PERFORATED SUBDRAIN PIPE	26	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
550	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS	20	EA	ADDITIONAL GUARDRAIL POSTS
37	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	13	EA	GUARDRAIL ANCHOR UNITS, TYPE *****
74	M	150MM OUTLET PIPE (SUBDRAINS)	67	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
33,312	M	SHOULDER DRAIN	72	EA	GUARDRAIL ANCHOR UNITS, TYPE III
33,312	M	100MM SHOULDER DRAIN PIPE	78	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
2,906	M	100MM OUTLET PIPE (SHOULDER DRAINS)	344	M	REMOVE & RESET EXISTING GUARDRAIL
107	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET	565	M	REMOVE EXISTING GUARDRAIL
20	MTN	BLOTTING SAND	160.02	M	TEMPORARY STEEL BM GUARDRAIL
44.2	M3	ENDWALLS	2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
29.9	M3	REINFORCED ENDWALLS	8,350	M	CHAIN LINK FENCE, ****MM FABRIC (1500MM)
9.56	M3	PIPE COLLARS	10,420	M	CHAIN LINK FENCE, ****MM FABRIC (1800MM)
2	M3	PIPE PLUGS	3,540	EA	METAL LINE POSTS FOR ****MM CHAIN LINK FENCE (1500MM)
373	EA	MASONRY DRAINAGE STRUCTURES	2,860	EA	METAL LINE POSTS FOR ****MM CHAIN LINK FENCE (1800MM)
18.7	M3	MASONRY DRAINAGE STRUCTURES	203	EA	METAL TERMINAL POSTS FOR ****MM CHAIN LINK FENCE (1500MM)
92	M	MASONRY DRAINAGE STRUCTURES	138	EA	METAL TERMINAL POSTS FOR ****MM CHAIN LINK FENCE (1800MM)
6	EA	FRAME WITH GRATE, STD 840.**** (840.16)	15	M	WOVEN WIRE FENCE RESET
7	EA	FRAME WITH GRATE, STD 840.22	1,220	MTN	PLAIN RIP RAP, CLASS I
106	EA	FRAME WITH TWO GRATES, STD 840.***** (840.20)	4,220	MTN	PLAIN RIP RAP, CLASS B
1	EA	FRAME WITH TWO GRATES, STD 840.***** (840.37)	14,540	M2	FILTER FABRIC FOR DRAINAGE
3	EA	FRAME WITH TWO GRATES, STD 840.16	18	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
			2,857.6	MTN	AGGREGATE BASE COURSE (SUB-BALLAST)
			100	EA	CROSS TIE REPLACEMENTS
			187	M	GENERIC TRACKWORK ITEM EXISTING MAINLINE TRACK TO BE REMOVED & RECONSTRUCTED

			Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "G" FOR U-2524AC
603	M	GENERIC TRACKWORK ITEM MAINLINE DETOUR TRACK TO BE CONSTRUCTED & REMOVED	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "H" FOR U-2524AC
414	M	GENERIC TRACKWORK ITEM RAILROAD TRACK TO BE RAISED	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "I"
1,600	MTN	GENERIC TRACKWORK ITEM STONE BALAST (AREMA #3 MOD, SOU RY)	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "J" FOR U-2524AC
25,828	M2	GENERIC WALL ITEM SOUND BARRIER WALL	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "K" FOR U-2524AC
10	M3	REINFORCED CONCRETE SIGN FOOT- INGS	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "L" FOR U-2524AC
6	M3	PLAIN CONCRETE SIGN FOOTINGS	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "M" FOR U-2524AC
5,359	KG	SUPPORTS, BREAKAWAY STEEL BEAM	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "N" FOR U-2524AC
2,161	KG	SUPPORTS, SIMPLE STEEL BEAM	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "O" FOR U-2524AC
824	M	SUPPORTS, 4.5KG STEEL U-CHANNEL	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "P" FOR U-2524AC
10	EA	SUPPORTS, 3KG STEEL U-CHANNEL	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "Q" FOR U-2524AC
8	EA	SIGN ERECTION, TYPE D	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "R" FOR U-2524AC
96	EA	SIGN ERECTION, TYPE E	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "S" FOR U-2524AC
8	EA	SIGN ERECTION, TYPE F	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "T" FOR U-2524AC
15	EA	SIGN ERECTION, TYPE *** (OVER- HEAD) (A)	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "A" FOR U-2524AB
30	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "B" FOR U-2524AB
8	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "C" FOR U-2524AB
10	EA	SIGN ERECTION, MILEMARKERS	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "D" FOR U-2524AB
15	EA	SIGN ERECTION, OVERLAY (OVER- HEAD)	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "E" FOR U-2524AB
2	EA	SIGN ERECTION, OVERLAY (GROUND MOUNTED)	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "F" FOR U-2524AB
1	EA	RELOCATE SIGN, TYPE ***** (A, GROUND MOUNTED)	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "G" FOR U-2524AB
2	EA	RELOCATE SIGN, TYPE ***** (A, OVERHEAD)	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "H" FOR U-2524AB
4	EA	RELOCATE SIGN, TYPE ***** (B, OVERHEAD)	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "I" FOR U-2524AB
2	EA	DISPOSAL OF SUPPORT, STEEL BEAM	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "J" FOR U-2524AB
37	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "K" FOR U-2524AB
7	EA	DISPOSAL OF SIGN, A OR B (OVERHEAD)	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "L" FOR U-2524AB
3	EA	DISPOSAL OF SIGN, D, E OR F	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "M" FOR U-2524AB
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM (DMS-1)	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "N" FOR U-2524AB
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM (DMS-2)	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "O" FOR U-2524AB
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN BENCH TEST UNIT	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "P" FOR U-2524AB
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN MAINTEN- ANCE TRAINING	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "Q" FOR U-2524AC
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "R" FOR U-2524AB
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM INTEGRATION	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "S" FOR U-2524AC
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM NTCIP ACCEPTANCE TESTS	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "T" FOR U-2524AB
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM OPERATIONAL FACTORY TEST	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "U" FOR U-2524AC
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM OPERATIONAL FIELD TESTS	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "V" FOR U-2524AB
Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "A" FOR U-2524AC	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "D" FOR U-2524AC
Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "B" FOR U-2524AC	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "E" FOR U-2524AB
Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "C" FOR U-2524AC	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "E" FOR U-2524AC
Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "D" FOR U-2524AC	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "F" FOR U-2524AB
Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "E" FOR U-2524AC	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "F" FOR U-2524AC
Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "F" FOR U-2524AC	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "G" FOR U-2524AB
Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "G" FOR U-2524AC	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "G" FOR U-2524AB

			18,296	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)
			18	M	REMOVAL OF PAVEMENT MARKING LINES (200MM)
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "G" FOR U-2524AC	15	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "H" FOR U-2524AB	130,181	M	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES, 150MM
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "H" FOR U-2524AC	6,018	M	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES, 300MM
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "I" FOR U-2524AB	2	EA	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING CHARACTER
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "I" FOR U-2524AC	43	EA	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING SYMBOL
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "J" FOR U-2524AB	264	EA	PERMANENT RAISED PAVEMENT MARKERS
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "J" FOR U-2524AC	4,617	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "J" FOR U-2524AC	6	EA	2.1M U-CHANNEL POSTS
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "K" FOR U-2524AB	132	EA	FLEXIBLE DELINEATORS (CRYSTAL)
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "K" FOR U-2524AB	84	EA	FLEXIBLE DELINEATORS (YELLOW)
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "K" FOR U-2524AC	5	EA	FLEXIBLE DELINEATORS (CRYSTAL & RED)
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "K" FOR U-2524AB	10	EA	FLEXIBLE DELINEATORS (YELLOW & RED)
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "L" FOR U-2524AB	6	EA	OBJECT MARKERS (END OF ROAD)
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "L" FOR U-2524AC	3	EA	30.5M HIGH MOUNT STANDARD
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "L" FOR U-2524AB	1	EA	PORTABLE DRIVE UNIT
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "L" FOR U-2524AC	10.5	M3	HIGH MOUNT FOUNDATIONS (129KM/HR)
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "M" FOR U-2524AB	12	EA	HIGH MOUNT LUMINAIRES ***** (480V, 1KW HPS)
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "M" FOR U-2524AC	25	M	ELECTRIC SERVICE LATERAL ***** (3, #1/0 USE IN TS2 C)
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "M" FOR U-2524AB	1	EA	LIGHT CONTROL EQUIPMENT, TYPE RW ***** (240/480V, 150A, 1PH, 3W)
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "N" FOR U-2524AC	55	M	ELECTRICAL DUCT, TYPE JA, SIZE **** (TS2)
Lump Sum	LS	GENERIC SIGNING ITEM STATIC LIGHTING FOR OVERHEAD SIGN ASSEMBLY "I"	118	M	***#8 W/G FEEDER CIRCUIT (2)
Lump Sum	LS	GENERIC SIGNING ITEM STATIC LIGHTING FOR OVERHEAD SIGN ASSEMBLY "M"	385	M	***#8 W/G FEEDER CIRCUIT IN SIZE *** CONDUIT (2, TS1.5)
Lump Sum	LS	GENERIC SIGNING ITEM STATIC LIGHTING FOR OVERHEAD SIGN ASSEMBLY "N"	2	EA	ELECTRICAL JUNCTION BOXES ***** (PC 18)
	174	M2			WORK ZONE SIGNS (STATIONARY)
	261	M2	Lump Sum	LS	WORK ZONE SIGNS (PORTABLE)
	77	M2	1,725	MTN	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (IV)
	6	EA	1,725	MTN	SELECT BACKFILL MATERIAL, UTILITIES CLASS **** (IV)
	5	EA			CHANGEABLE MESSAGE SIGNS
	15	EA			WARNING FLAG SETS
	1,191	EA	154	MTN	PAVEMENT REPAIR FOR UTILITY WORK
	270	EA			CONES
	598	M	45	M	***MM DI WATER PIPE, CLASS ***** WP (750MM, 56,2.41MPA)
	2,938	HR	259	M	150MM DI WATER PIPE, PC 2.41MPA
	20	EA	25	M	200MM DI WATER PIPE, PC 2.41MPA
	5	EA			RESET TEMPORARY CRASH CUSHIONS
	3	EA			TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH)
	4,914	M	1,273	M	300MM DI WATER PIPE, PC 2.41MPA
	100	M	499	M	400MM DI WATER PIPE, PC ***MPA (2.41MPA)
	96	HR			POLICE
	20	EA	347	M	600MM DI WATER PIPE, PC ***MPA (2.41MPA)
	850	EA	2	M	***MM COPPER WATER PIPE, TYPE K (50MM)
	8,650	M	49	M	20MM COPPER WATER PIPE, TYPE K
	10,608	M	42	M	25MM COPPER WATER PIPE, TYPE K
	833	M	166	M	50MM PVC WATER PIPE, SDR 21, 1.38MPA WP
	135	M	5,627	KG	DUCTILE IRON WATER PIPE FITTINGS, 1.72MPA MIN WP
	12	EA	1	EA	20MM CORPORATION STOP
	127	EA	1	EA	25MM CORPORATION STOP
			2	EA	50MM CORPORATION STOP
	25	EA	1	EA	***MM GATE VALVE & VALVE BOX, ****MPA WP (500MM, 1.38MPA)
	35,327	M	1	EA	***MM GATE VALVE & VALVE BOX, ****MPA WP (600MM, 1.38MPA)
	80	M			PAINT PAVEMENT MARKING LINES (200MM)
	70	M	7	EA	150MM GATE VALVE & VALVE BOX, 1.38MPA WP
	14	EA			PAINT PAVEMENT MARKING LINES (600MM)
					PAINT PAVEMENT MARKING SYMBOL

4	EA	50MM RISER WITH WEATHERHEAD
1,210	M	INDUCTIVE LOOP SAWCUT
2,140	M	LEAD-IN CABLE
1	EA	MICROWAVE VEHICLE DETECTOR
75	M	TYPE 2 LEAD-IN CABLE
2,425	M	COMMUNICATIONS CABLE (** TWISTED-PAIR) (12)
12,500	M	COMMUNICATIONS CABLE (**FIBER) (144)
750	M	DROP CABLE
7	EA	AERIAL SPLICE ENCLOSURE
12	EA	INTERCONNECT CENTER
70	EA	DELINEATOR MARKER
12	EA	METAL STRAIN SIGNAL POLE
12	EA	METAL SIGNAL POLE FOUNDATION
13	EA	SIGN FOR SIGNALS
3	EA	SIGNAL CABINET FOUNDATION
1	EA	CABINET BASE ADAPTER
3	EA	CONTROLLER WITH CABINET (NEMA TS-1, BASE MOUNTED)
30	EA	DETECTOR CHANNEL (NEMA TS-1)
4	EA	SPLICE CABINET
1	EA	GENERIC SIGNAL ITEM CABINET FOUNDATION
6	EA	GENERIC SIGNAL ITEM CCTV ASSEMBLY
6	EA	GENERIC SIGNAL ITEM CCTV METAL POLE
3	EA	GENERIC SIGNAL ITEM FIBER OPTIC DATA TRANSCIEVER (FOT)
1	EA	GENERIC SIGNAL ITEM FIBER OPTIC DEMULTIPLEXER (FOTDEMUX)
1	EA	GENERIC SIGNAL ITEM FIBER OPTIC MULTIPLEXER (FOT- MUX)
1	EA	GENERIC SIGNAL ITEM FURNISH FIBER OPTIC DATA TRAN- SCIEVER
1	EA	GENERIC SIGNAL ITEM FURNISH FIBER OPTIC DEMULTI- PLEXER (FOTDEMUX)
1	EA	GENERIC SIGNAL ITEM FURNISH FIBER OPTIC MULTIPLEX- ER (FOTMUX)
2	EA	GENERIC SIGNAL ITEM FURNISH VIDEO OPTICAL RECEIVER (VOR-D)
2	EA	GENERIC SIGNAL ITEM FURNISH VIDEO OPTICAL TRANS- MITTER (VOT-D)
92	EA	GENERIC SIGNAL ITEM JUNCTION BOX (OVER-SIZED)
1	EA	GENERIC SIGNAL ITEM MODIFY EXISTING SPLICE CABINET ON GREENSBORO OUTER LOOP AT 1-85
3	EA	GENERIC SIGNAL ITEM RCU TERMINATION PANEL
3	EA	GENERIC SIGNAL ITEM RCU UNIT
12	EA	GENERIC SIGNAL ITEM SOIL TEST
6	EA	GENERIC SIGNAL ITEM VIDEO OPTICAL RECEIVER (VOR-D)
6	EA	GENERIC SIGNAL ITEM VIDEO OPTICAL TRANSMITTER (VOT-D)
51	M	GENERIC SIGNAL ITEM DRILLED PIER FOUNDATION (1066MM DIA)
5,000	M	GENERIC SIGNAL ITEM UNDERGROUND MULTI-DUCT CONDUIT 1-1/4" (31.75MM) (4 CONDUITS)

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (24+73.000 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (25+35.778 -CSLIP-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (31+72.000 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (36+90.000 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (45+56.821 -L-)

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (80+61.000-L-)
1,113	MTN	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT
1,531.6	M3	CLASS A CONCRETE (CULVERT)
134,940	KG	REINFORCING STEEL (CULVERT)
29.2	MTN	PLAIN RIP RAP, CLASS ** (1)
21.5	M2	FILTER FABRIC FOR DRAINAGE

WALL ITEMS

Lump Sum	LS	MSE RETAINING WALL, STA ***** (14+47.000 -Y2R-)
Lump Sum	LS	MSE RETAINING WALL, STA ***** (17+50.000-RP C- WALL 2)
Lump Sum	LS	MSE RETAINING WALL, STA ***** (19+20.000 -L-)
Lump Sum	LS	MSE RETAINING WALL, STA ***** (61+83.180 -L- WALL 1)

STRUCTURE ITEMS

Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 42+56.697 -L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 14+85.685 -L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 27+05.047 -L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 28+40.679 -L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 61+20.620 -L- LT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 61+20.620 -L- RT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 77+54.181 -L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 91+24.858 -L- LT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 91+24.858 -L- RT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 96+ 00.591 -L- RT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 96+00.591 -L- LT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 27+05.047 -L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 28+40.679 -L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 61+20.620 -L- LT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 61+20.620 -L- RT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 96+00.591 -L- LT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 96+00.591 -L- RT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (3, 27+05.047 -L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (3, 28+40.679 -L-)
158.4	M	*****MM DIA DRILLED PIERS IN SOIL (1067MM)
421.5	M	*****MM DIA DRILLED PIERS IN SOIL (1220MM)
90.5	M	*****MM DIA DRILLED PIERS IN SOIL (1676MM)
24	M	*****MM DIA DRILLED PIERS NOT IN SOIL (1067MM)

				Lump Sum	LS	ELASTOMERIC BEARINGS
				Lump Sum	LS	EVAZOTE JOINT SEALS
				Lump Sum	LS	EXPANSION JOINT SEALS
				Lump Sum	LS	MODULAR EXPANSION JOINT SEALS
				Lump Sum	LS	STRUCTURE DRAINAGE SYSTEM, STA ***** (52+82.882 -L-)
116	M	****MM DIA DRILLED PIERS NOT IN SOIL (1220MM)				
46	M	****MM DIA DRILLED PIERS NOT IN SOIL (1676MM)	65.7	M		GENERIC STRUCTURE ITEM COLUMN EXCAVATION IN SOIL
56	EA	SPT TESTING				
10	EA	CROSSHOLE SONIC LOGGING	196.48	M		GENERIC STRUCTURE ITEM TWO BAR METAL RAIL (ALUMINUM) (STA 52+82.882-L-)
3,984	M	CSL TUBES				
33,519.4	M2	REINFORCED CONCRETE DECK SLAB		2	EA	GENERIC STRUCTURE ITEM DYNAMIC LOAD TEST
30,910.9	M2	GROOVING BRIDGE FLOORS				
354.5	M3	CLASS AA CONCRETE (BRIDGE)				
6,074.1	M3	CLASS A CONCRETE (BRIDGE)				
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+85.685 -L-)				
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (17+88.479 -1140SBREV-)				
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (18+08.003 -40SBREV-)				
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (22+49.139 -11FLY-)				
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (27+05.047 -L-)				
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (28+40.679 -L)				
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (30+19.017 -L- LT LN)				
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (30+19.017 -L- RT LN)				
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (37+68.960 -L- LT LN)				
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (37+68.960 -L- RT LN)				
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (42+56.697 -L-)				
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (61+20.620 -L- LT)				
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (61+20.620 -L-RT)				
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (77+54.181 -L-)				
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (91+24.858 -L- LT)				
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (91+24.858 -L- RT)				
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (96+00.591 -L- LT)				
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (96+00.591 -L- RT)				
767,016	KG	REINFORCING STEEL (BRIDGE)				
39,810	KG	SPIRAL COLUMN REINFORCNG STEEL (BRIDGE)				
1,055.12	M	1372MM PRESTRESSED CONCRETE GIRDERS				
1,281.92	M	MODIFIED 1829MM PRESTRESSED CONC GIRDERS				
5,524,550	LS	APPROX KG STRUCTURAL STEEL				
Lump Sum	LS	PAINTING STRUCTURAL STEEL, STA ***** (52+82.882 -L-)				
12,969.3	M	HP310X79 STEEL PILES				
152	EA	STEEL PILE POINTS				
186.6	M2	METHOD A WATERPROOFING				
233	M2	METHOD D DAMPPROOFING				
232.442	M	TWO BAR METAL RAIL				
318.035	M	THREE BAR METAL RAIL				
2,615.709	M	CONCRETE BARRIER RAIL				
118.935	M	*** X ****MM CONCRETE PARAPET (355MM X 978MM)				
118.935	M	*** X ****MM CONCRETE PARAPET (355MM X 1011MM)				
17,910.4	M2	100MM SLOPE PROTECTION				
Lump Sum	LS	SELF-LUBRICATING EXPANSION BEARING ASSEMBLIES				
Lump Sum	LS	POT BEARINGS				

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L031118 009

CONTRACT ID : C200776 34359.3.3

DIV OFFICE GREENVILLE

LENGTH = 1.584 MI

COUNTY : BEAUFORT

WIDENING, GRADING, DRAINAGE & PAVING.

DBE GOAL 10.0% COMPLETION DATE : NOV 15 2004

NC-32 FROM SR-1309 (CHRISTIAN SERVICE RD) TO SR-1300 (RIVER RD).

ROADWAY ITEMS

			70	EA	CONES
			180	LF	BARRICADES (TYPE II)
			112	LF	BARRICADES (TYPE III)
			6,300	HR	FLAGGER
			547	EA	TEMPORARY RAISED PAVEMENT MARKERS
			2,572	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			25,036	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
			250	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
			140	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
			8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
			57	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			82,747	LF	PAINT PAVEMENT MARKING LINES (4")
			750	LF	PAINT PAVEMENT MARKING LINES (8")
			420	LF	PAINT PAVEMENT MARKING LINES (24")
			16	EA	PAINT PAVEMENT MARKING CHARACTER
			116	EA	PAINT PAVEMENT MARKING SYMBOL
			34,054	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
			547	EA	PERMANENT RAISED PAVEMENT MARKERS
			480.33	TON	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (VI)
			480.33	TON	BEDDING MATERIAL, UTILITIES CLASS ***** (IV)
			22.8	TON	PAVEMENT REPAIR FOR UTILITY WORK
			476	LF	**** PE WATER PIPE, SDR ***** *****WP (1"PE, SDR 7, 200 # WP)
			446	LF	4" PVC WATER PIPE, SDR ***** (SDR 21)
			396	LF	6" PVC WATER PIPE, SDR ***** (SDR 21)
			7,534	LF	8" PVC WATER PIPE, SDR ***** (SDR 21)
			644	LF	10" PVC WATER PIPE, SDR ***** * (SDR 21)
			4,845	LB	DUCTILE IRON WATER PIPE FITTINGS, 250# MIN WP
			40	EA	1" CORPORATION STOP
			5	EA	*** GATE VALVE & VALVE BOX, *****WP (4", 200 # WP)
			6	EA	6" GATE VALVE & VALVE BOX, 200# WP
			5	EA	8" GATE VALVE & VALVE BOX, *****WP (200 # WP)
			1	EA	10" GATE VALVE & VALVE BOX, *****WP (200 # WP)
			1	EA	***X*** TAPPING SADDLE (10" X 1")
			1	EA	***X*** TAPPING SADDLE (6" X 1")
			37	EA	***X*** TAPPING SADDLE (8" X 1")
			23	EA	RELOCATE EXISTING WATER METER
			2	EA	RELOCATE EXISTING FIRE HYDRANT
			13,000	LF	TEMPORARY SILT FENCE
			375	TON	STONE FOR EROSION CONTROL, CLASS A
			1,500	TON	STONE FOR EROSION CONTROL, CLASS B
			750	TON	SEDIMENT CONTROL STONE
			14.5	ACR	TEMPORARY MULCHING
			500	LB	SEED FOR TEMPORARY SEEDING
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	GRADING			
	1	ACR			SUPPLEMENTARY CLEARING & GRUBBING
	2,000	CY			UNDERCUT EXCAVATION
	500	TON			CLASS IV SUBGRADE STABILIZATION
	1,973	CY			SELECT GRANULAR MATERIAL
	1,220	SY			FABRIC FOR SOIL STABILIZATION
	775	TON			FOUNDATION CONDITIONING MATERIAL, MINOR STRS
	84	LF			18" SIDE DRAIN PIPE
	164	LF			12" RC PIPE CULVERTS, CLASS III
	2,860	LF			15" RC PIPE CULVERTS, CLASS III
	1,256	LF			18" RC PIPE CULVERTS, CLASS III
	1,860	LF			24" RC PIPE CULVERTS, CLASS III
	856	LF			30" RC PIPE CULVERTS, CLASS III
	156	LF			36" RC PIPE CULVERTS, CLASS III
	72	LF			48" RC PIPE CULVERTS, CLASS III
	183	LF			PIPE REMOVAL
	2,000	LB			SEALING EXISTING PAVEMENT CRACKS
	500	TON			STABILIZER AGGREGATE
	500	TON			INCIDENTAL STONE BASE
	2,800	SY			MILLING ASPHALT PAVEMENT, **** DEPTH (2")
	4,650	TON			ASPHALT CONC BASE COURSE, TYPE B25.0B
	5,780	TON			ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
	7,280	TON			ASPHALT CONC SURFACE COURSE, TYPE S9.5B
	950	TON			ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
	220	TON			ASPHALT PLANT MIX, PAVEMENT REPAIR
	6	CY			ENDWALLS
	67	EA			MASONRY DRAINAGE STRUCTURES
	11	EA			FRAME WITH TWO GRATES, STD 840.16
	1	EA			FRAME WITH TWO GRATES, STD 840.29
	20	EA			FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
	19	EA			FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
	11	EA			FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
	4	EA			FRAME WITH COVER, STD 840.54
	110	LF			***X*** CONCRETE CURB (8" X 18")
	14,880	LF			2'-6" CONCRETE CURB & GUTTER
	440	SY			CONCRETE WHEELCHAIR RAMPS
	1,070	SY			6" CONCRETE DRIVEWAY
	6	EA			ADJUSTMENT OF METER BOXES OR VALVE BOXES
	75	TON			PLAIN RIP RAP, CLASS B
	880	SY			FILTER FABRIC FOR DRAINAGE
	1	EA			PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
	847	SF			WORK ZONE SIGNS (STATIONARY)
	288	SF			WORK ZONE SIGNS (PORTABLE)
	162	SF			WORK ZONE SIGNS (BARRICADE MOUNTED)
	6	EA			WARNING FLAG SETS
	316	EA			DRUMS

2	TON	FERTILIZER FOR TEMPORARY SEED- ING
50	LF	TEMPORARY SLOPE DRAINS
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
3,900	CY	SILT EXCAVATION
3,175	SY	SYNTHETIC ROVING
3,170	SY	MATting FOR EROSION CONTROL
25	SY	PERMANENT SOIL REINFORCEMENT MAT
1,000	LF	1/4" HARDWARE CLOTH
15.5	ACR	SEEDING & MULCHING
8.5	ACR	MOWING
150	LB	SEED FOR REPAIR SEEDING
0.5	TON	FERTILIZER FOR REPAIR SEEDING
350	LB	SEED FOR SUPPLEMENTAL SEEDING
11.5	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L031118 010

CONTRACT ID : C200761 32792.3.1

DIV OFFICE WILSON

LENGTH = 0.228 MI

COUNTY : HALIFAX

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 7.0% COMPLETION DATE : DEC 31 2005

BRIDGE OVER BEECH SWAMP & APPROACHES ON US-301/NC-481.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
7,500	CY	UNCLASSIFIED EXCAVATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (22+34)
500	CY	UNDERCUT EXCAVATION
13,400	CY	BORROW EXCAVATION
2,300	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT
4,000	CY	SELECT GRANULAR MATERIAL
4,000	SY	FABRIC FOR SOIL STABILIZATION
435	SF	TEMPORARY SHORING
47	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
392	LF	15" RC PIPE CULVERTS, CLASS III
48	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
4	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
Lump Sum	LS	FINE GRADING
710	TON	AGGREGATE BASE COURSE
50	TON	INCIDENTAL STONE BASE
250	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
560	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
510	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
71	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
10	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
4	EA	RIGHT OF WAY MARKERS
5	EA	MASONRY DRAINAGE STRUCTURES
5	EA	FRAME WITH TWO GRATES, STD 840.29
160	LF	SHOULDER BERM GUTTER
240	LF	CONCRETE EXPRESSWAY GUTTER
600	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
912.5	LF	TEMPORARY STEEL BM GUARDRAIL
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (III)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
3	TON	PLAIN RIP RAP, CLASS B
160	SY	FILTER FABRIC FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
108	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
28	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
50	EA	DRUMS
50	EA	CONES
48	LF	BARRICADES (TYPE III)
60	MD	FLAGGER
4	EA	WARNING LIGHTS (TYPE B)
1	EA	TEMPORARY CRASH CUSHIONS
1	EA	TRUCK MOUNTED IMPACT ATTENUA- TOR (45 MPH)
61	EA	TEMPORARY RAISED PAVEMENT MARKERS
2,406	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)

2,406	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
31,284	LF	PAINT PAVEMENT MARKING LINES (4")
3,450	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
15	EA	PERMANENT RAISED PAVEMENT MARKERS
1,700	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
200	TON	STONE FOR EROSION CONTROL, CLASS B
100	TON	SEDIMENT CONTROL STONE
3	ACR	TEMPORARY MULCHING
150	LB	SEED FOR TEMPORARY SEEDING
0.75	TON	FERTILIZER FOR TEMPORARY SEED- ING
315	LF	TEMPORARY SLOPE DRAINS
7	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
275	CY	SILT EXCAVATION
500	SY	SYNTHETIC ROVING
870	SY	MATTING FOR EROSION CONTROL
120	LF	1/4" HARDWARE CLOTH
4.5	ACR	SEEDING & MULCHING
1.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
100	LB	SEED FOR SUPPLEMENTAL SEEDING
3.25	TON	FERTILIZER TOPDRESSING
0.1	ACR	SPECIALIZED SEEDING UNDER GUIDERAIL & GUARDRAIL (CENTI- PEDE)
2	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL
0.8	ACR	WETLAND REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (22+34.00-L-) >
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (22+34.00-L-)
1,845	CY	UNCLASSIFIED STRUCTURE EXCAVA- TION
145.4	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (22+34.00-L-)
26,388	LB	REINFORCING STEEL (BRIDGE)
700	LF	HP12X53 STEEL PILES
3,840	LF	PP 18 X 0.50 STEEL PILES
753.5	LF	CONCRETE BARRIER RAIL
630	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
700	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
5,651.25	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS
2	EA	GENERIC STRUCTURE ITEM DYNAMIC LOAD TEST

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L031118 011

CONTRACT ID : C200764 33085.3.1

DIV OFFICE WILSON

LENGTH = 0.142 MI

COUNTY : HALIFAX

GRADING, DRAINAGE, PAVING & CULVERT.

DBE GOAL 10.0% COMPLETION DATE : NOV 15 2004

CULVERT ON SPRING BRANCH & APPROACHES SR-1002.

ROADWAY ITEMS

CULVERT ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
200	CY	UNDERCUT EXCAVATION
50	TON	INCIDENTAL STONE BASE
170	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
175	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
355	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
39	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
12	EA	RIGHT OF WAY MARKERS
375	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
1	TON	PLAIN RIP RAP, CLASS B
154	SY	FILTER FABRIC FOR DRAINAGE
211	SF	WORK ZONE SIGNS (STATIONARY)
114	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
2	EA	WARNING FLAG SETS
80	LF	BARRICADES (TYPE III)
1,650	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
1,650	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
10	EA	PERMANENT RAISED PAVEMENT MARKERS
5	TON	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (VI)
5	TON	BEDDING MATERIAL, UTILITIES CLASS ***** (IV)
81	LF	8" DI WATER PIPE, PC 350
440	LB	DUCTILE IRON WATER PIPE FITTINGS, 250# MIN WP
125	LF	GENERIC UTILITY ITEM 10" HDPE WATER PIPE, SDR 9, 200# WP BY DIRECTIONAL BORE
600	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
160	TON	STONE FOR EROSION CONTROL, CLASS B
50	TON	SEDIMENT CONTROL STONE
2	ACR	TEMPORARY MULCHING
100	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
50	LF	TEMPORARY SLOPE DRAINS
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
350	CY	SILT EXCAVATION
300	SY	SYNTHETIC ROVING
475	SY	MATting FOR EROSION CONTROL
150	CY	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
1.25	TON	FERTILIZER TOPDRESSING
160	LF	IMPERVIOUS DIKE
1	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+95.00 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (16+95.00 -L-)
114.1	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
129.4	CY	CLASS A CONCRETE (CULVERT)
24,365	LB	REINFORCING STEEL (CULVERT)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031118 012

CONTRACT ID : C200946 35813

DIV OFFICE WILSON

LENGTH = 23.020 MI

COUNTY : JOHNSTON

MILLING, SHLD RECONST, RESURFACING & PVMT MARKINGS.

MBE GOAL 5.0% WBE 3.0% COMPLETION DATE : JUL 01 2005

VARIOUS SECTIONS OF US-70, NC-210, NC-96, AND US-301.

ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
745	TON	INCIDENTAL STONE BASE
47.26	SMI	SHOULDER RECONSTRUCTION
85,250	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (0" TO 2-1/2")
2,700	SY	INCIDENTAL MILLING
62,754	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
4,079	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
50	TON	PATCHING EXISTING PAVEMENT
30	EA	ADJUSTMENT OF MANHOLES
15	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
1	EA	CHANGEABLE MESSAGE SIGNS
284,600	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
211,250	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
2,790	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
421	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
91,150	LF	PAINT PAVEMENT MARKING LINES (4")
2,490	LF	PAINT PAVEMENT MARKING LINES (24")
320	EA	PAINT PAVEMENT MARKING SYMBOL
4,095	EA	PERMANENT RAISED PAVEMENT MARKERS
58.8	ACR	SEEDING & MULCHING
10,200	LF	INDUCTIVE LOOP SAWCUT

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L031118 013

CONTRACT ID : C200995 33137.3.2

DIV OFFICE DURHAM

LENGTH = 0.354 MI

COUNTY : WAKE

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 10.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

BRIDGE OVER PERRY CREEK AND APPROACHES ON SR-2006.

ROADWAY ITEMS

			925	LF	STEEL BM GUARDRAIL
			5	EA	ADDITIONAL GUARDRAIL POSTS
			2	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-I
			4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
			2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
			2	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (BP-WBEAM)
			225	TON	PLAIN RIP RAP, CLASS B
			1,425	SY	FILTER FABRIC FOR DRAINAGE
			3	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
			49.75	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
			98	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
			10	EA	SIGN ERECTION, TYPE E
			14	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
			94	SF	WORK ZONE SIGNS (STATIONARY)
			200	SF	WORK ZONE SIGNS (PORTABLE)
			20	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			4	EA	WARNING FLAG SETS
			50	EA	DRUMS
			50	EA	CONES
			96	LF	BARRICADES (TYPE III)
			4	EA	WARNING LIGHTS (TYPE B)
			4	EA	TEMPORARY CRASH CUSHIONS
			2	EA	TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH)
			1,500	LF	PORTABLE CONCRETE BARRIER
			1,400	LF	PORTABLE CONCRETE BARRIER (DRAINAGE)
			50	EA	TEMPORARY RAISED PAVEMENT MARKERS
			1,748	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			2,756	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
			250	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
			98	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
			6	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
			18	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			435	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES (4")
			60	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES (8")
			25,864	LF	PAINT PAVEMENT MARKING LINES (4")
			160	LF	PAINT PAVEMENT MARKING LINES (24")
			5,700	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
			60	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
			50	EA	PERMANENT RAISED PAVEMENT MARKERS
			80	TON	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (VI)
			80	TON	BEDDING MATERIAL, UTILITIES CLASS ***** (VI)
			20	TON	PAVEMENT REPAIR FOR UTILITY WORK
			130	LF	6" DI WATER PIPE, PC 350
			140	LF	8" DI WATER PIPE, PC 350
			830	LF	16" DI WATER PIPE, PC ***** (350#)
			196	LF	3/4" COPPER WATER PIPE, TYPE K
			2,920	LB	DUCTILE IRON WATER PIPE FITTINGS, 250# MIN WP
			2	EA	3/4" CORPORATION STOP
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CLEARING & GRUBBING . ACRE(S)			
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING			
2,500	CY	UNCLASSIFIED EXCAVATION			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (21+65.5)			
1,000	CY	UNDERCUT EXCAVATION			
26,100	CY	BORROW EXCAVATION			
300	CY	DRAINAGE DITCH EXCAVATION			
800	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT			
3,200	SY	BREAKING OF EXISTING ASPHALT PAVEMENT			
86	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS			
56	LF	15" SIDE DRAIN PIPE			
24	LF	18" SIDE DRAIN PIPE			
76	LF	12" RC PIPE CULVERTS, CLASS III			
24	LF	15" RC PIPE CULVERTS, CLASS III			
324	LF	18" RC PIPE CULVERTS, CLASS III			
120	LF	24" RC PIPE CULVERTS, CLASS III			
48	LF	30" RC PIPE CULVERTS, CLASS III			
80	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK			
44	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK			
4	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK			
2	EA	18" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK			
315	LF	PIPE REMOVAL			
Lump Sum	LS	FINE GRADING			
4,850	TON	AGGREGATE BASE COURSE			
75	TON	INCIDENTAL STONE BASE			
1,075	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
2,500	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B			
1,650	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
271	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
30	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR			
28	EA	RIGHT OF WAY MARKERS			
180	CY	SUBDRAIN EXCAVATION			
135	CY	SUBDRAIN FINE AGGREGATE			
800	LF	6" PERFORATED SUBDRAIN PIPE			
24	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS			
2	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET			
12	LF	6" OUTLET PIPE (SUBDRAINS)			
17	EA	MASONRY DRAINAGE STRUCTURES			
8	LF	MASONRY DRAINAGE STRUCTURES			
3	EA	FRAME WITH TWO GRATES, STD 840.16			
3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)			
1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)			
7	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)			
3	EA	FRAME WITH COVER, STD 840.54			
1,500	LF	2'-6" CONCRETE CURB & GUTTER			
30	SY	CONCRETE WHEELCHAIR RAMPS			
55	SY	6" CONCRETE DRIVEWAY			

			37.5	LF	***.*** DIA DRILLED PIERS NOT IN SOIL (3'-6")
1	EA	***X*** TAPPING SLEEVE, VALVE & VALVE BOX, *****WP (16" X 6", 350#)	175.5	LF	PERMANENT STEEL CASING FOR ***.*** DIA DRILLED PIER (3'-6")
1	EA	***X*** TAPPING SLEEVE, VALVE & VALVE BOX, *****WP (16" x 8", 350#)	1	EA	CROSSHOLE SONIC LOGGING
1	EA	***X*** TAPPING SADDLE (16" X 3/4")	912	LF	CSL TUBES
1	EA	*** TRANSITION COUPLING, ***** (6", AC TO DI)	Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (21+65.50-L-)
1	EA	RELOCATE EXISTING WATER METER	7,518.4	SF	REINFORCED CONCRETE DECK SLAB
1	EA	RELOCATE EXISTING FIRE HYDRANT	5,062.5	SF	GROOVING BRIDGE FLOORS
780	LF	FILL OR REMOVE ABANDONED 16" PIPE, ***** (DI WATER)	176.4	CY	CLASS A CONCRETE (BRIDGE)
1	EA	GENERIC UTILITY ITEM 60" DIA PRECAST CONC WATER-TIGHT MANHOLE, 0' - 6' DEPTH	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (21+65.50 -L-)
1	EA	GENERIC UTILITY ITEM 8" FLUSHING ASSEMBLY	43,188	LB	REINFORCING STEEL (BRIDGE)
1	EA	GENERIC UTILITY ITEM REMOVE EXISTING FIRE HYDRANT	5,372	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
1	EA	GENERIC UTILITY ITEM WATERTIGHT MANHOLE RING & COVER	997.5	LF	36" PRESTRESSED CONCRETE GIRDERS
65	LF	GENERIC UTILITY ITEM 30" RC SEWER PIPE, CLASS V	750	LF	HP12X53 STEEL PILES
5.3	LF	GENERIC UTILITY ITEM PRECAST CONC MANHOLE WALL, 60" DIA, OVER 6' HT	210.7	LF	THREE BAR METAL RAIL
340	LF	GENERIC UTILITY ITEM REMOVE ABANDON 6" PIPE (AC WATER)	498	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
1,815	LF	TEMPORARY SILT FENCE	555	SY	FILTER FABRIC FOR DRAINAGE
150	TON	STONE FOR EROSION CONTROL, CLASS A	Lump Sum	LS	ELASTOMERIC BEARINGS
420	TON	STONE FOR EROSION CONTROL, CLASS B	Lump Sum	LS	EVAZOTE JOINT SEALS
505	TON	SEDIMENT CONTROL STONE	Lump Sum	LS	STRUCTURE DRAINAGE SYSTEM, STA ***** (21+65.50 -L-)
6	ACR	TEMPORARY MULCHING			
200	LB	SEED FOR TEMPORARY SEEDING			
1	TON	FERTILIZER FOR TEMPORARY SEEDING			
155	LF	TEMPORARY SLOPE DRAINS			
4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS			
1,060	CY	SILT EXCAVATION			
662	SY	SYNTHETIC ROVING			
1,175	SY	MATTING FOR EROSION CONTROL			
60	SY	PERMANENT SOIL REINFORCEMENT MAT			
380	LF	1/4" HARDWARE CLOTH			
12	EA	SPECIAL STILLING BASINS			
7.5	ACR	SEEDING & MULCHING			
3.5	ACR	MOWING			
50	LB	SEED FOR REPAIR SEEDING			
0.25	TON	FERTILIZER FOR REPAIR SEEDING			
150	LB	SEED FOR SUPPLEMENTAL SEEDING			
5.5	TON	FERTILIZER TOPDRESSING			
2.5	HR	SPECIALIZED HAND MOWING			
8	EA	RESPONSE FOR EROSION CONTROL			

***** BEGIN SCHEDULE AA *****
 ***** (2 ALTERNATES) *****

3,800	SF	TEMPORARY SHORING - BARRIER SUPPORTED			
		*** OR ***			
1,000	CY	GENERIC GRADING ITEM SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL			
3,400	SY	GENERIC GRADING ITEM FABRIC FOR TEMPORARY FABRIC WALL			

*** END SCHEDULE AA ***

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (21+65.50 -L-)			
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (21+65.50 -L-)			
175.5	LF	***.*** DIA DRILLED PIERS IN SOIL (3'-6")			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L031118 014

CONTRACT ID : C200750 32811.3.1

DIV OFFICE DURHAM

LENGTH = 0.635 MI

COUNTY : PERSON

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : DEC 31 2005

BRIDGE OVER NORFOLK SOUTHERN CORP TRACKS & APPROACHES ON US-501.

ROADWAY ITEMS

			5	TON	PLAIN RIP RAP, CLASS B
			245	SY	FILTER FABRIC FOR DRAINAGE
			152	SF	WORK ZONE SIGNS (STATIONARY)
			96	SF	WORK ZONE SIGNS (PORTABLE)
			36	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			60	EA	DRUMS
			30	EA	CONES
			48	LF	BARRICADES (TYPE III)
			60	MD	FLAGGER
			40	EA	TEMPORARY RAISED PAVEMENT MARKERS
			4,490	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			5,344	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
			640	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
			3	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			19,260	LF	PAINT PAVEMENT MARKING LINES (4")
			40	EA	PERMANENT RAISED PAVEMENT MARKERS
			171	TON	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (IV)
			171	TON	BEDDING MATERIAL, UTILITIES CLASS ***** (VI)
			132	LF	6" DI WATER PIPE, PC 350
			3,205	LF	12" DI WATER PIPE, PC 350
			103	LF	3/4" COPPER WATER PIPE, TYPE K
			25	LF	1" COPPER WATER PIPE, TYPE K
			4,350	LB	DUCTILE IRON WATER PIPE FITTINGS, 250# MIN WP
			6	EA	3/4" CORPORATION STOP
			1	EA	1" CORPORATION STOP
			4	EA	6" GATE VALVE & VALVE BOX, 200# WP
			3	EA	12" GATE VALVE & VALVE BOX, *****WP (200#)
			5	EA	RELOCATE EXISTING WATER METER
			3	EA	FIRE HYDRANT, *****MPA WP (150MPA WP)
			3,220	LF	FILL OR REMOVE ABANDONED 12" PIPE, ***** (DI WATER)
			105	LF	24" STEEL ENCASEMENT PIPE, *****" THICK, BY BORING & JACKING (0.375")
			2,800	LF	TEMPORARY SILT FENCE
			135	TON	STONE FOR EROSION CONTROL, CLASS A
			1,300	TON	STONE FOR EROSION CONTROL, CLASS B
			625	TON	SEDIMENT CONTROL STONE
			9	ACR	TEMPORARY MULCHING
			300	LB	SEED FOR TEMPORARY SEEDING
			1.25	TON	FERTILIZER FOR TEMPORARY SEEDING
			255	LF	TEMPORARY SLOPE DRAINS
			7	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
			3,500	CY	SILT EXCAVATION
			1,225	SY	SYNTHETIC ROVING
			2,900	SY	MATTING FOR EROSION CONTROL
			200	SY	PERMANENT SOIL REINFORCEMENT MAT
			725	LF	1/4" HARDWARE CLOTH
			13	ACR	SEEDING & MULCHING
			5	ACR	MOWING
			100	LB	SEED FOR REPAIR SEEDING
			0.25	TON	FERTILIZER FOR REPAIR SEEDING
			200	LB	SEED FOR SUPPLEMENTAL SEEDING
			9.75	TON	FERTILIZER TOPDRESSING
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)			
	1	ACR			SUPPLEMENTARY CLEARING & GRUBBING
	12,000	CY			UNCLASSIFIED EXCAVATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (32+18.35-L-)			
	1,000	CY			UNDERCUT EXCAVATION
	60,000	CY			BORROW EXCAVATION
	170	CY			DRAINAGE DITCH EXCAVATION
	4,770	SY			REMOVAL OF EXISTING ASPHALT PAVEMENT
	270	SY			REMOVAL OF EXISTING CONCRETE PAVEMENT
	510	SY			BREAKING OF EXISTING CONCRETE PAVEMENT
	3,900	CY			SELECT GRANULAR MATERIAL
	500	SY			FABRIC FOR SOIL STABILIZATION
	2,800	SF			TEMPORARY SHORING
	4,900	SY			GENERIC GRADING ITEM PRIMARY GEOGRID REINFORCEMENT
	1,000	SY			GENERIC GRADING ITEM SECONDARY GEOGRID REINFORCEMENT
	30	TON			FOUNDATION CONDITIONING MATERIAL, MINOR STRS
	16	LF			15" SIDE DRAIN PIPE
	68	LF			15" RC PIPE CULVERTS, CLASS III
	24	LF			18" RC PIPE CULVERTS, CLASS III
	120	LF			15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
	4	EA			15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
	256	LF			PIPE REMOVAL
Lump Sum	LS	FINE GRADING			
	510	TON			AGGREGATE BASE COURSE
	150	TON			INCIDENTAL STONE BASE
	2,900	TON			ASPHALT CONC BASE COURSE, TYPE B25.0B
	2,500	TON			ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
	2,200	TON			ASPHALT CONC SURFACE COURSE, TYPE S9.5B
	386	TON			ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
	75	TON			ASPHALT PLANT MIX, PAVEMENT REPAIR
	31	EA			RIGHT OF WAY MARKERS
	68	CY			SUBDRAIN EXCAVATION
	51	CY			SUBDRAIN FINE AGGREGATE
	300	LF			6" PERFORATED SUBDRAIN PIPE
	9	EA			6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
	1	EA			CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
	6	LF			6" OUTLET PIPE (SUBDRAINS)
	1	CY			PIPE COLLARS
	4	CY			FLOWABLE FILL
	4	EA			MASONRY DRAINAGE STRUCTURES
	4	EA			FRAME WITH GRATE, STD 840.29
	620	LF			SHOULDER BERM GUTTER
	660	LF			CONCRETE EXPRESSWAY GUTTER
	2,625	LF			STEEL BM GUARDRAIL
	5	EA			ADDITIONAL GUARDRAIL POSTS
	4	EA			GUARDRAIL ANCHOR UNITS, TYPE III
	8	EA			GUARDRAIL ANCHOR UNITS, TYPE 350
	1,700	LF			REMOVE EXISTING GUARDRAIL
	1,137.5	LF			TEMPORARY STEEL BM GUARDRAIL
	4	EA			GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY

0.3	ACR	SPECIALIZED SEEDING UNDER GUIDERAIL & GUARDRAIL (CENTIPEDE)
6.5	HR	SPECIALIZED HAND MOWING
12	EA	RESPONSE FOR EROSION CONTROL
1.5	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (32+18.35-L-)
5,938	SF	REINFORCED CONCRETE DECK SLAB
5,083	SF	GROOVING BRIDGE FLOORS
90.1	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (32+18.35-L-)
15,512	LB	REINFORCING STEEL (BRIDGE)
201,600	LS	APPROX LBS STRUCTURAL STEEL
690	LF	HP12X53 STEEL PILES
275.65	LF	CONCRETE BARRIER RAIL
920	SY	4" SLOPE PROTECTION
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L031118 015

CONTRACT ID : C200778 34503.3.6

DIV OFFICE DURHAM

LENGTH = 2.462 KM

COUNTY : WAKE

WIDENING, GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURES.

DBE GOAL 10.0% COMPLETION DATE : DEC 31 2006

NC-98 (WAKE FOREST BYPASS) FROM US-1 TO US-1A.

ROADWAY ITEMS

			29,390	M2	LIME TREATED SOIL (SLURRY METHOD)
			325	MTN	LIME FOR LIME TREATED SOIL
			250	MTN	STABILIZER AGGREGATE
			49,100	MTN	AGGREGATE BASE COURSE
			29,390	M2	***MM SOIL CEMENT BASE (180MM)
			885	MTN	PORTLAND CEMENT FOR SOIL CEMENT BASE
			40	MTN	AGGREGATE FOR SOIL CEMENT BASE
			40,000	L	ASPHALT CURING SEAL
			100	MTN	INCIDENTAL STONE BASE
			4,950	L	PRIME COAT
			7,225	M2	MILLING ASPHALT PAVEMENT, **MM DEPTH (70MM)
			10,310	M2	MILLING ASPHALT PAVEMENT, *** TO ****MM DEPTH (35MM TO 70MM)
			1,220	M2	INCIDENTAL MILLING
			766	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B
			6,346	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C
			2,539	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
			18,261	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
			3,077	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
			15,715	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
			1,484	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
			1,022	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
			147	MTN	ASPHALT PLANT MIX PAVEMENT REPAIR
			68	EA	RIGHT OF WAY MARKERS
			830	M3	SUBDRAIN EXCAVATION
			415	M3	SUBDRAIN FINE AGGREGATE
			1,000	M	150MM PERFORATED SUBDRAIN PIPE
			99	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS
			7	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
			14	M	150MM OUTLET PIPE (SUBDRAINS)
			1,100	M	SHOULDER DRAIN
			1,100	M	100MM SHOULDER DRAIN PIPE
			65	M	100MM OUTLET PIPE (SHOULDER DRAINS)
			5	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET
			10	MTN	BLOTTING SAND
			12	M3	REINFORCED ENDWALLS
			1	M3	PIPE COLLARS
			1	M3	PIPE PLUGS
			103	EA	MASONRY DRAINAGE STRUCTURES
			20.3	M	MASONRY DRAINAGE STRUCTURES
			1	EA	FRAME WITH GRATE, STD 840.22
			32	EA	FRAME WITH TWO GRATES, STD 840.***** (840.20)
			2	EA	FRAME WITH TWO GRATES, STD 840.16
			39	EA	FRAME WITH TWO GRATES, STD 840.22
			1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
			7	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
			15	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
			2	EA	FRAME WITH COVER, STD 840.54
			23	EA	CONCRETE APRON FOR CATCH BASIN
			1	EA	CONCRETE APRON FOR DROP INLETS
			3,855	M	450MM CONCRETE CURB & GUTTER
Lump Sum	LS	MOBILIZATION			
	33	MO			GENERIC MISCELLANEOUS ITEM FIELD OFFICE
Lump Sum	LS	CLEARING & GRUBBING ... HEC-TARE(S)			
	1.2	HA			SUPPLEMENTARY CLEARING & GRUBBING
	322,300	M3			UNCLASSIFIED EXCAVATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (35+46.720 -L-)			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (38+82.207 -L-)			
	12,000	M3			UNDERCUT EXCAVATION
	1,000	MTN			CLASS IV SUBGRADE STABILIZATION
	591,000	M3			BORROW EXCAVATION
	28,000	M3			DRAINAGE DITCH EXCAVATION
	11,435	M2			REMOVAL OF EXISTING ASPHALT PAVEMENT
	19	HR			PROOF ROLLING
	8,000	M3			SELECT GRANULAR MATERIAL
	8,000	M2			FABRIC FOR SOIL STABILIZATION
	50	M2			TEMPORARY SHORING - BARRIER SUPPORTED
	3,550	MTN			GENERIC GRADING ITEM ROCK EMBANKMENT, SELECT MATERIAL CLASS IV
	8,850	MTN			GENERIC GRADING ITEM ROCK EMBANKMENT, SELECT MATERIAL CLASS VI
	1,096	MTN			FOUNDATION CONDITIONING MATERIAL, MINOR STRS
	50	MTN			GENERIC DRAINAGE ITEM BOULDERS
	25.2	M			450MM SIDE DRAIN PIPE
	20.4	M			300MM RC PIPE CULVERTS, CLASS III
	1,917.6	M			375MM RC PIPE CULVERTS, CLASS III
	247.2	M			450MM RC PIPE CULVERTS, CLASS III
	363.6	M			600MM RC PIPE CULVERTS, CLASS III
	115.2	M			750MM RC PIPE CULVERTS, CLASS III
	55.2	M			900MM RC PIPE CULVERTS, CLASS III
	78	M			****MM RC PIPE CULVERTS, CLASS IV (450MM)
	91.2	M			****MM RC PIPE CULVERTS, CLASS IV (600MM)
	76.8	M			****MM RC PIPE CULVERTS, CLASS IV (750MM)
	326.4	M			400MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
	133.2	M			450MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
	14.4	M			600MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
	8.4	M			900MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK
	23	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
	2	EA			600MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
	144	M			****MM WELDED STEEL PIPE, ****MM THICK, GRADE B, INSTALLED BY BORING & JACKING (1800MM, 25MM)
	56	M			PIPE REMOVAL
Lump Sum	LS	FINE GRADING			

			2	EA	CHANGEABLE MESSAGE SIGNS
			2	EA	WARNING FLAG SETS
			300	EA	DRUMS
			80	EA	CONES
			300	M	BARRICADES (TYPE III)
			120	HR	FLAGGER
			4	EA	TEMPORARY CRASH CUSHIONS
			764	M	PORTABLE CONCRETE BARRIER
			100	HR	POLICE
			20	EA	TUBULAR MARKERS (FIXED)
			1,390	EA	TEMPORARY RAISED PAVEMENT MARKERS
			14,050	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)
			6,130	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)
			2,430	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)
			250	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM)
			250	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)
			12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)
			118	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)
			370	M	COLD APPLIED PLASTIC PAVEMENT MARKING LINES (100MM)
			20	M	COLD APPLIED PLASTIC PAVEMENT MARKING LINES (600MM)
			2	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL
			52,350	M	PAINT PAVEMENT MARKING LINES (100MM)
			5,600	M	PAINT PAVEMENT MARKING LINES (200MM)
			650	M	PAINT PAVEMENT MARKING LINES (600MM)
			120	EA	PAINT PAVEMENT MARKING CHARACTER
			390	EA	PAINT PAVEMENT MARKING SYMBOL
			100	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)
			200	M	REMOVAL OF PAVEMENT MARKING LINES (200MM)
			100	M	REMOVAL OF PAVEMENT MARKING LINES (600MM)
			10	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
			390	M	CURING COMPOUND REMOVAL, LINES
			2	EA	CURING COMPOUND REMOVAL, SYMBOLS & CHARACTERS
			1,240	EA	PERMANENT RAISED PAVEMENT MARKERS
			9	EA	2.1M U-CHANNEL POSTS
			104	EA	FLEXIBLE DELINEATORS (CRYSTAL)
			28	EA	FLEXIBLE DELINEATORS (YELLOW)
			18	EA	FLEXIBLE DELINEATORS (CRYSTAL & RED)
			17	EA	FLEXIBLE DELINEATORS (YELLOW & RED)
			9	EA	OBJECT MARKERS (END OF ROAD)
			2	EA	30.5M HIGH MOUNT STANDARD
			1	EA	PORTABLE DRIVE UNIT
			7	M3	HIGH MOUNT FOUNDATIONS
			8	EA	HIGH MOUNT LUMINAIRES ***** (1KW, HPS)
			10	M	ELECTRIC SERVICE LATERAL ***** (3#1/0, USE)
			110	M	ELECTRICAL DUCT, TYPE BD, SIZE **** (TS2)
			200	M	ELECTRICAL DUCT, TYPE BD, SIZE **** (TS3)
			80	M	ELECTRICAL DUCT, TYPE JA, SIZE **** (TS2)
			70	M	***#8 W/G FEEDER CIRCUIT (2)
			200	M	***#4 W/G FEEDER CIRCUIT (2)
			460	M	***#8 W/G FEEDER CIRCUIT IN SIZE *** CONDUIT (2, TS1.5)
			310	M	***#6 W/G FEEDER CIRCUIT IN SIZE *** CONDUIT (2, TS1.5)
			190	M	***#4 W/G FEEDER CIRCUIT IN SIZE *** CONDUIT (2, TS1.5)
			8	EA	ELECTRICAL JUNCTION BOXES ***** (PC18)
47	M	750MM CONCRETE CURB & GUTTER			
2,115	M	CONCRETE EXPRESSWAY GUTTER			
68	M2	100MM CONCRETE PAVED DITCH			
187	M2	125MM MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)			
410	M2	125MM MONOLITHIC CONCRETE ISLANDS (KEYED IN)			
310	M	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED			
2	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX			
2	EA	IMPACT ATTENUATOR UNIT, TYPE 350			
3,394.71	M	STEEL BM GUARDRAIL			
83.82	M	STEEL BM GUARDRAIL, SHOP CURVED			
4	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS			
10	EA	ADDITIONAL GUARDRAIL POSTS			
6	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77)			
7	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1			
7	EA	GUARDRAIL ANCHOR UNITS, TYPE III			
12	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
485	M	REMOVE EXISTING GUARDRAIL			
6,800	M	WOVEN WIRE FENCE, 1200MM FABRIC			
1,400	EA	100MM TIMBER FENCE POSTS, 2.30M LONG			
350	EA	125MM TIMBER FENCE POSTS, 2.50M LONG			
150	M	ADDITIONAL BARBED WIRE			
20	M	WOVEN WIRE FENCE RESET			
655	MTN	PLAIN RIP RAP, CLASS I			
730	MTN	PLAIN RIP RAP, CLASS B			
8,405	M2	FILTER FABRIC FOR DRAINAGE			
8	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON			
7	M3	REINFORCED CONCRETE SIGN FOOTINGS			
1	M3	PLAIN CONCRETE SIGN FOOTINGS			
2,866	KG	SUPPORTS, BREAKAWAY STEEL BEAM			
741	KG	SUPPORTS, SIMPLE STEEL BEAM			
632	M	SUPPORTS, 4.5KG STEEL U-CHANNEL			
6	EA	SIGN ERECTION, TYPE D			
67	EA	SIGN ERECTION, TYPE E			
14	EA	SIGN ERECTION, TYPE F			
10	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)			
5	EA	SIGN ERECTION, OVERLAY (GROUND MOUNTED)			
1	EA	RELOCATE SIGN, TYPE ***** (A)			
1	EA	RELOCATE SIGN, TYPE ***** (D)			
2	EA	DISPOSAL OF SUPPORT, STEEL BEAM			
3	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM			
25	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL			
Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "A"			
Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "B"			
Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "C"			
Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "D"			
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "A"			
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "B"			
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "C"			
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "D"			
29	M2	WORK ZONE SIGNS (STATIONARY)			
37	M2	WORK ZONE SIGNS (PORTABLE)			
22	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)			
2	EA	FLASHING ARROW PANELS, TYPE C			

65	M	****MM DIA DRILLED PIERS NOT IN SOIL (1372MM)
89.5	M	PERMANENT STEEL CASING FOR ****MM DRILLED PIER (1372MM)
2	EA	CROSSHOLE SONIC LOGGING
781.9	M	CSL TUBES
6,352.9	M2	REINFORCED CONCRETE DECK SLAB
5,878.1	M2	GROOVING BRIDGE FLOORS
1,164.4	M3	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (35+46.720 -L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (38+84.500 -L-)
159,891	KG	REINFORCING STEEL (BRIDGE)
21,469	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
2,000.428	M	1372MM PRESTRESSED CONCRETE GIRDERS
355,000	LS	APPROX KG STRUCTURAL STEEL
3,073	M	HP310X79 STEEL PILES
111	EA	STEEL PILE POINTS
107.632	M	TWO BAR METAL RAIL
238.785	M	CONCRETE BARRIER RAIL
117.789	M	*** X ****MM CONCRETE PARAPET (355MM X 760MM)
213	M2	100MM SLOPE PROTECTION
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L031118 016

CONTRACT ID : C200784 33859.3.1

DIV OFFICE DURHAM

LENGTH = 11.600 MI

COUNTY : WAKE

COMPUTERIZED SIGNAL SYSTEM.

DBE GOAL 0.0% COMPLETION DATE : NOV 15 2005

GARNER - US-70, US-401 AND TIMBER DRIVE.

ROADWAY ITEMS

			2	EA	GENERIC SIGNAL ITEM CONTROLLER (TYPE 2070L)
			1	EA	GENERIC SIGNAL ITEM FIBER DISTRIBUTION CENTER
			1	EA	GENERIC SIGNAL ITEM FURNISH RS-232 MODEM SPLITTER
			1	EA	GENERIC SIGNAL ITEM FURNISH VISUAL FAULT FINDER
			5	EA	GENERIC SIGNAL ITEM NEW ELECTRICAL SERVICE
			3	EA	GENERIC SIGNAL ITEM REVISE EXISTING ELECTRICAL SERVICE
			1	EA	GENERIC SIGNAL ITEM RS-232 MODEM SPLITTER
			Lump Sum	LS	GENERIC SIGNAL ITEM COMMUNICATIONS HUB ENCLOSURE
			Lump Sum	LS	GENERIC SIGNAL ITEM TRAINING
			2,900	LF	GENERIC SIGNAL ITEM DIRECTIONAL DRILL POLYETHYLENE CONDUIT, 2" (1 CONDUIT)
			15,500	LF	GENERIC SIGNAL ITEM DIRECTIONAL DRILL POLYETHYLENE CONDUIT, 2" (2 CONDUIT)
			250	LF	GENERIC SIGNAL ITEM MULTI-DUCT CONDUIT 2" IN OUTER-DUCT
			950	LF	GENERIC SIGNAL ITEM REMOVE EXISTING COMMUNICATIONS CABLE
			100	LF	GENERIC SIGNAL ITEM TRENCH MULTI-DUCT CONDUIT, 2"
Lump Sum	LS	MOBILIZATION			
704	SF	WORK ZONE SIGNS (PORTABLE)			
7	EA	FLASHING ARROW PANELS, TYPE C			
2	EA	CHANGEABLE MESSAGE SIGNS			
100	EA	DRUMS			
50	EA	CONES			
4,800	HR	FLAGGER			
8	EA	WARNING LIGHTS (TYPE B)			
4	EA	TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH)			
240	LF	WATER FILLED BARRIER			
360	HR	POLICE			
5,200	LF	SIGNAL CABLE			
19	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)			
3	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)			
8	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)			
175	EA	MODIFY EXISTING VEHICLE SIGNAL HEAD			
20,050	LF	MESSENGER CABLE (1/4")			
1,150	LF	MESSENGER CABLE (3/8")			
250	LF	JACK & BORE			
43,500	LF	TRACER WIRE			
250	LF	TRENCHING (PAVED)			
25,850	LF	TRENCHING (UNPAVED)			
52	EA	JUNCTION BOX (STANDARD SIZE)			
100	EA	JUNCTION BOX (OVER-SIZED)			
3	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)			
1	EA	WOOD POLE			
56	EA	GUY ASSEMBLY			
13	EA	2" RISER WITH WEATHERHEAD			
28	EA	2" RISER WITH HEAT SHRINK TUBING			
6,840	LF	INDUCTIVE LOOP SAWCUT			
15,690	LF	LEAD-IN CABLE			
2	EA	MICROWAVE VEHICLE DETECTOR			
12,200	LF	COMMUNICATIONS CABLE (**FIBER) (12)			
28,450	LF	COMMUNICATIONS CABLE (**FIBER) (24)			
20,500	LF	COMMUNICATIONS CABLE (**FIBER) (36)			
14,400	LF	DROP CABLE			
18	EA	AERIAL SPLICE ENCLOSURE			
26	EA	INTERCONNECT CENTER			
31	EA	FIBER-OPTIC TRANSCEIVER			
74	EA	DELINEATOR MARKER			
1	EA	FURNISH FIBER-OPTIC RESTORATION KIT			
1	EA	FURNISH FIBER-OPTIC POWER METER			
1	EA	FURNISH OPTICAL LIGHT GENERATOR			
1	EA	FURNISH FIBER-OPTIC TRANSCEIVER			
18	EA	SIGN FOR SIGNALS			
2	EA	LED BLANKOUT SIGN			
4	EA	SIGNAL CABINET FOUNDATION			
15	EA	CONDUIT ENTRANCE INTO EXISTING FOUNDATION			
15	EA	MODIFY FOUNDATION FOR CONTROLLER CABINET			
19	EA	CABINET BASE ADAPTER			
19	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)			
7	EA	CONTROLLER WITH CABINET (TYPE 2070L, POLE MOUNTED)			
286	EA	DETECTOR CHANNEL (TYPE 2070L)			
1	EA	NOTEBOOK COMPUTER			
5	EA	GENERIC SIGNAL ITEM CABLE TRANSFER			

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031118 017

CONTRACT ID : C200941 36928

DIV OFFICE DURHAM

LENGTH = 10.330 MI

COUNTY : PERSON

MILLING, SHLD RECONST, RESURFACING & PVMT MARKINGS.

MBE GOAL 5.0% WBE 3.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

US-501 FROM DURHAM COUNTY LINE TO US-158.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
51,650	LB	SEALING EXISTING PAVEMENT CRACKS & JOINTS
29.43	SMI	SHOULDER RECONSTRUCTION
82,260	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
3,700	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
69,734	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
174	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
4,533	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
4,855	TON	PATCHING EXISTING PAVEMENT
6	EA	ADJUSTMENT OF MANHOLES
9	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
16	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
122,654	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
88,563	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
72	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
230	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
109,014	LF	PAINT PAVEMENT MARKING LINES (4")
1,274	EA	SNOWFLOWABLE RAISED PAVEMENT MARKERS
20.97	ACR	SEEDING & MULCHING
6,300	LF	INDUCTIVE LOOP SAWCUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031118 018

CONTRACT ID : C200943 36931

DIV OFFICE DURHAM

LENGTH = 5.600 MI

COUNTY : WAKE

MILLING, SHLD RECONST, RESURFACING & PVMT MARKINGS.

MBE GOAL 5.0% WBE 3.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

NC-54 FROM SR-1002 TO I-40.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
200	TON	INCIDENTAL STONE BASE
5	SMI	SHOULDER RECONSTRUCTION
138,500	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/4")
22,100	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
14,500	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,039	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
943	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
600	TON	PATCHING EXISTING PAVEMENT
15	EA	ADJUSTMENT OF MANHOLES
61	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
500	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (III-BP)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
43,800	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
46,900	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,900	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
360	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
48	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
191	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
75,900	LF	PAINT PAVEMENT MARKING LINES (4")
720	LF	PAINT PAVEMENT MARKING LINES (24")
96	EA	PAINT PAVEMENT MARKING CHARAC- TER
382	EA	PAINT PAVEMENT MARKING SYMBOL
1,560	EA	PERMANENT RAISED PAVEMENT MARKERS
9	ACR	SEEDING & MULCHING
14,400	LF	INDUCTIVE LOOP SAWCUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031118 019

CONTRACT ID : C200944 36932

DIV OFFICE DURHAM

LENGTH = 5.460 MI

COUNTY : WAKE

MILLING, SHLD RECONST, DRAINAGE, RESURFACING & PVMT MARKINGS

MBE GOAL 5.0% WBE 3.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

US-70 FROM SR-1370 (TRYON RD) TO SR-2547 (WHITE OAK RD) AND US-401 FROM SR-1370 (TRYON RD) TO SR-1006 (OLD STAGE RD).

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
500	CY	BORROW EXCAVATION
11,000	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT
41,600	LB	SEALING EXISTING PAVEMENT CRACKS
33	TON	INCIDENTAL STONE BASE
15.4	SMI	SHOULDER RECONSTRUCTION
31,000	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
14,311	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
4,740	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
29,091	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
838	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,891	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
3	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.16
28	EA	FRAME WITH TWO GRATES, STD 840.24
1	EA	FRAME WITH COVER, STD 840.54
400	SY	4" CONCRETE PAVED DITCH
2,500	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
1	EA	ADJUSTMENT OF DROP INLETS
24	EA	ADJUSTMENT OF MANHOLES
20	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
1	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX
26	EA	CONVERT EXISTING CATCH BASIN TO DROP INLET
5,226	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
10	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
10	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
112,897	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
28,971	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
924	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
23	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
382	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
28,921	LF	PAINT PAVEMENT MARKING LINES (4")
924	LF	PAINT PAVEMENT MARKING LINES (24")
136	EA	PAINT PAVEMENT MARKING SYMBOL
922	EA	SNOWFLOWABLE RAISED PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
11.25	ACR	SEEDING & MULCHING
8,000	LF	INDUCTIVE LOOP SAWCUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031118 020

CONTRACT ID : C200991 36939

DIV OFFICE DURHAM

LENGTH = 3.340 MI

COUNTY : DURHAM, WAKE

MILLING, SHLDR RECONST, RESURFACING & PVMT MARKINGS.

MBE GOAL 5.0% WBE 3.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

SR-2028/3067 (TW ALEXANDER DR) FROM SR-1959 IN DURHAM COUNTY TO US-70 IN WAKE COUNTY.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
8.88	SMI	SHOULDER RECONSTRUCTION
6,571	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/2")
24,741	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,608	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,700	TON	PATCHING EXISTING PAVEMENT
12	EA	ADJUSTMENT OF MANHOLES
1	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
9	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
23,654	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
11,827	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
368	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
108	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
23,443	LF	PAINT PAVEMENT MARKING LINES (4")
441	EA	PERMANENT RAISED PAVEMENT MARKERS
10.47	ACR	SEEDING & MULCHING
4,950	LF	INDUCTIVE LOOP SAWCUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031118 021

CONTRACT ID : C200992 36941

DIV OFFICE DURHAM

LENGTH = 3.360 MI

COUNTY : DURHAM

MILLING, SHLDR RECONST, RESURFACING & PVMT MARKINGS.

MBE GOAL 5.0% WBE 3.0% COMPLETION DATE : SEE SPECIAL PROVISIONS

NC-147 FROM SR-2028 (TW ALEXANDER DR) SOUTH OF I-40 TO NORTH OF SR-2028.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
13.44	SMI	SHOULDER RECONSTRUCTION
45,675	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
4,500	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")
28,712	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,867	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
1,200	TON	PATCHING EXISTING PAVEMENT
70,963	LF	MILLED RUMBLE STRIPS
7	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
75,610	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
20,064	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
16	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
17,741	LF	PAINT PAVEMENT MARKING LINES (4")
444	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS
9.77	ACR	SEEDING & MULCHING
2,600	LF	INDUCTIVE LOOP SAWCUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031118 022

CONTRACT ID : C200788 34884.3.2

DIV OFFICE FAYETTEVILLE

LENGTH = 0.683 MI

COUNTY : CUMBERLAND

WIDENING, GRADING, DRAINAGE, PAVING, C&G AND CULVERT EXT.

MBE GOAL 10.0% WBE 5.0% COMPLETION DATE : OCT 15 2004

SR-2685 (LAKE VALLEY DR EXT) FROM SR-1415 (YADKIN DR) TO US-401 BYPASS (SKIBO RD).

ROADWAY ITEMS

			21	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
			9	EA	FRAME WITH COVER, STD 840.54
Lump Sum	LS	MOBILIZATION	50	LF	FRAME WITH GRATES, DRIVEWAY DROP INLET
Lump Sum	LS	GRADING	3	EA	CONCRETE APRON FOR CATCH BASIN
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	14	EA	CONCRETE APRON FOR DROP INLETS
7,525	CY	UNDERCUT EXCAVATION	225	LF	**X *** CONCRETE CURB (8" X 18")
500	TON	CLASS IV SUBGRADE STABILIZATION	2,300	LF	1'-6" CONCRETE CURB & GUTTER
175	CY	DRAINAGE DITCH EXCAVATION	9,125	LF	2'-6" CONCRETE CURB & GUTTER
600	LF	BERM DITCH CONSTRUCTION	1,700	SY	4" CONCRETE SIDEWALK
1,000	CY	SELECT GRANULAR MATERIAL	190	SY	CONCRETE WHEELCHAIR RAMPS
1,500	SY	FABRIC FOR SOIL STABILIZATION	125	SY	6" CONCRETE DRIVEWAY
600	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	25	SY	4" CONCRETE PAVED DITCH
2,190	LF	15" RC PIPE CULVERTS, CLASS III	1,870	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
1,128	LF	18" RC PIPE CULVERTS, CLASS III	1	EA	ADJUSTMENT OF CATCH BASINS
684	LF	24" RC PIPE CULVERTS, CLASS III	10	EA	ADJUSTMENT OF MANHOLES
620	LF	30" RC PIPE CULVERTS, CLASS III	5	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
572	LF	36" RC PIPE CULVERTS, CLASS III	100	LF	STEEL BM GUARDRAIL
264	LF	72" RC PIPE CULVERTS, CLASS III	37.5	LF	STEEL BM GUARDRAIL, SHOP CURVED
36	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	5	EA	ADDITIONAL GUARDRAIL POSTS
36	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
52	LF	36" BIT COAT CS PIPE CULVERTS, TYPE B 0.079" THICK	2	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
2	EA	*** BIT COAT CS PIPE ELBOWS, TYPE B ***** THICK (36", 0.079")	1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
1	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	50	TON	PLAIN RIP RAP, CLASS I
1	EA	18" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	23	TON	PLAIN RIP RAP, CLASS B
248	LF	PIPE REMOVAL	535	SY	FILTER FABRIC FOR DRAINAGE
700	TON	STABILIZER AGGREGATE	1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
9,080	TON	AGGREGATE BASE COURSE	379	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
1,000	TON	INCIDENTAL STONE BASE	36	EA	SIGN ERECTION, TYPE E
2,580	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	2	EA	SIGN ERECTION, TYPE F
5,760	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	1	EA	RELOCATE SIGN, TYPE ***** (E)
6,380	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	6	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
800	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	2	EA	DISPOSAL OF SIGN SYSTEM, WOOD
650	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "A"
224	CY	SUBDRAIN EXCAVATION	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD ASSEMBLY "A"
168	CY	SUBDRAIN FINE AGGREGATE	178	SF	WORK ZONE SIGNS (STATIONARY)
1,000	LF	6" PERFORATED SUBDRAIN PIPE	240	SF	WORK ZONE SIGNS (PORTABLE)
30	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS	25	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
2	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	2	EA	FLASHING ARROW PANELS, TYPE C
12	LF	6" OUTLET PIPE (SUBDRAINS)	6	EA	WARNING FLAG SETS
3.4	CY	ENDWALLS	200	EA	DRUMS
7.1	CY	REINFORCED ENDWALLS	50	EA	CONES
1	CY	PIPE PLUGS	280	LF	BARRICADES (TYPE III)
65	EA	MASONRY DRAINAGE STRUCTURES	20	MD	FLAGGER
11.5	LF	MASONRY DRAINAGE STRUCTURES	4	EA	WARNING LIGHTS (TYPE B)
15	EA	FRAME WITH TWO GRATES, STD 840.16	4	EA	TEMPORARY CRASH CUSHIONS
1	EA	FRAME WITH TWO GRATES, STD 840.29	2	EA	TRUCK MOUNTED IMPACT ATTENUATOR (45 MPH)
4	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	230	LF	PORTABLE CONCRETE BARRIER
13	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	130	EA	TEMPORARY RAISED PAVEMENT MARKERS
			3,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			9,229	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
			1,158	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
			550	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
			96	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			10,710	LF	PAINT PAVEMENT MARKING LINES (4")

			450	LB	SEED FOR TEMPORARY SEEDING
			1.75	TON	FERTILIZER FOR TEMPORARY SEEDING
282	LF	PAINT PAVEMENT MARKING LINES (8")	180	LF	TEMPORARY SLOPE DRAINS
394	LF	PAINT PAVEMENT MARKING LINES (24")	4	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
60	EA	PAINT PAVEMENT MARKING SYMBOL	1,540	CY	SILT EXCAVATION
1,750	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	1,370	SY	SYNTHETIC ROVING
268	EA	PERMANENT RAISED PAVEMENT MARKERS	1,460	SY	MATTING FOR EROSION CONTROL
2	EA	7' U-CHANNEL POSTS	1,240	LF	1/4" HARDWARE CLOTH
2	EA	OBJECT MARKERS (TYPE **)	115	CY	STILLING BASINS
		(3)	12.5	ACR	SEEDING & MULCHING
377	TON	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (VI)	7	ACR	MOWING
377	TON	BEDDING MATERIAL, UTILITIES CLASS ***** (IV)	100	LB	SEED FOR REPAIR SEEDING
40	TON	PAVEMENT REPAIR FOR UTILITY WORK	0.25	TON	FERTILIZER FOR REPAIR SEEDING
1,103.5	LF	6" DI WATER PIPE, PC 350	275	LB	SEED FOR SUPPLEMENTAL SEEDING
3,678	LF	8" DI WATER PIPE, PC 350	9.25	TON	FERTILIZER TOPDRESSING
98	LF	**** PE WATER PIPE, SDR *****, *****#WP (1", SDR 7, 200# WP)	260	LF	IMPERVIOUS DIKE
253	LF	**** PE WATER PIPE, SDR *****, *****#WP (2", SDR 7, 200# WP)	0.5	HR	SPECIALIZED HAND MOWING
2,395	LB	DUCTILE IRON WATER PIPE FITTINGS, 250# MIN WP	16	EA	RESPONSE FOR EROSION CONTROL
3	EA	1" CORPORATION STOP	8	EA	PEDESTRIAN SIGNAL HEAD (12", 2 SECTION)
2	EA	2" CORPORATION STOP	5,900	LF	SIGNAL CABLE
7	EA	*** GATE VALVE & VALVE BOX, *****WP (6" 250# WP)	32	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
10	EA	8" GATE VALVE & VALVE BOX, *****WP (250# WP)	1	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
1	EA	***X*** TAPPING SADDLE (6" X 1")	8	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)
2	EA	***X*** TAPPING SADDLE (6" X 2")	41	EA	BACKPLATE
2	EA	***X*** TAPPING SADDLE (8" X 1")	6	EA	MODIFY EXISTING VEHICLE SIGNAL HEAD
1	EA	***X*** TAPPING SADDLE (8" X 2")	400	LF	MESSENGER CABLE (3/8")
1	EA	RELOCATE EXISTING WATER METER	3,600	LF	TRACER WIRE
2	EA	RELOCATE EXISTING FIRE HYDRANT	50	LF	TRENCHING (PAVED)
464	LF	8" DI SEWER PIPE, PC 350	4,770	LF	TRENCHING (UNPAVED)
5	EA	4' DIA PRECAST CONC SEWER MANHOLE 0-6' DEPTH	1,640	LF	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, 1-1/4" (** CONDUIT) (2)
1	EA	5' DIA PRECAST CONC SEWER MANHOLE 0-6' DEPTH	24	EA	JUNCTION BOX (STANDARD SIZE)
30	LF	PRECAST CONC MANHOLE WALL, * DIA, OVER 6' HT (4')	14	EA	JUNCTION BOX (OVER-SIZED)
9	LF	PRECAST CONC MANHOLE WALL, * DIA, OVER 6' HT (5')	1	EA	WOOD POLE
1,050	LF	FILL OR REMOVE ABANDONED *** PIPE, ***** (6", AC WATER)	1	EA	2" RISER WITH WEATHERHEAD
172	LF	FILL OR REMOVE ABANDONED *** PIPE, ***** (8", DI SEWER)	5,670	LF	INDUCTIVE LOOP SAWCUT
1,271	LF	FILL OR REMOVE ABANDONED *** PIPE, ***** (8", PVC WATER)	6,420	LF	LEAD-IN CABLE
112	LF	*** STEEL ENCASEMENT PIPE, ***** THICK, BY BORING & JACKING (16", .0250")	1	EA	MICROWAVE VEHICLE DETECTOR
2	EA	GENERIC UTILITY ITEM 1" BARBED X SWIVEL METER COUPLING	3,900	LF	COMMUNICATIONS CABLE (**FIBER) (12)
2	EA	GENERIC UTILITY ITEM 1" METER SWIVEL ANGLE LOCK VALVE	3	EA	INTERCONNECT CENTER
1	EA	GENERIC UTILITY ITEM 2" COPPERSETTER	3	EA	FIBER-OPTIC TRANSCEIVER
1	EA	GENERIC UTILITY ITEM RELOCATE EXISTING 1-1/2" WATER METER	14	EA	DELINEATOR MARKER
15	EA	GENERIC UTILITY ITEM VALVE BOX PROTECTOR RING	1	EA	FURNISH FIBER-OPTIC RESTORATION KIT
3	EA	GENERIC UTILITY ITEM FIRE HYDRANT, 250# WP	1	EA	FURNISH FIBER-OPTIC TRANSCEIVER
3,075	LF	TEMPORARY SILT FENCE	2	EA	METAL STRAIN SIGNAL POLE
200	TON	STONE FOR EROSION CONTROL, CLASS A	80	LF	LUMINAIRE MAST ARM
5,010	TON	STONE FOR EROSION CONTROL, CLASS B	11	EA	METAL SIGNAL POLE FOUNDATION
2,385	TON	SEDIMENT CONTROL STONE	1	EA	SIGNAL PEDESTAL WITH FOUNDATION
12	ACR	TEMPORARY MULCHING	1	EA	MAST ARM WITH METAL POLE DESIGN
			17	EA	SIGN FOR SIGNALS
			2	EA	SIGNAL CABINET FOUNDATION
			1	EA	CONDUIT ENTRANCE INTO EXISTING FOUNDATION
			2	EA	CABINET BASE ADAPTER
			2	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
			18	EA	GENERIC SIGNAL ITEM DETECTOR CARD (TYPE 2070L)
			16	EA	GENERIC SIGNAL ITEM FOUNDATION WITH WING WALL (TYPE 2)
			11	EA	GENERIC SIGNAL ITEM SOIL TEST
			30	LF	GENERIC SIGNAL ITEM DRILLED PIER FOUNDATION (42" DIAMETER)
			120	LF	GENERIC SIGNAL ITEM DRILLED PIER FOUNDATION (48" DIAMETER)
					CULVERT ITEMS
			Lump Sum	LS	CULVERT EXCAVATION, STA ***** (12+35.00-Y-)
			113.6	CY	CLASS A CONCRETE (CULVERT)

20,489 LB REINFORCING STEEL (CULVERT)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031118 023

CONTRACT ID : C200975 37207

DIV OFFICE FAYETTEVILLE

LENGTH = 11.760 MI

COUNTY : COLUMBUS

MILLING, RESURFACING, SHDR RECONST & PAVEMENT MARKINGS.

MBE GOAL 5.0% WBE 3.0% COMPLETION DATE : OCT 31 2004

US-74 / 76 FROM US-76 TO SR-1700.

ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
40	SMI	SHOULDER RECONSTRUCTION
6,300	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/2")
36,500	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,373	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
173,000	LF	MILLED RUMBLE STRIPS
221,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
27,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
6,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
800	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
5	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
1,760	EA	PERMANENT RAISED PAVEMENT MARKERS
49	ACR	SEEDING & MULCHING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031118 024

CONTRACT ID : C200977 37212

DIV OFFICE FAYETTEVILLE

LENGTH = 3.180 MI

COUNTY : CUMBERLAND

MILLING, RESURFACING, SHDR RECONST & PAVEMENT MARKINGS.

MBE GOAL 5.0% WBE 3.0% COMPLETION DATE : OCT 31 2004

SR-1007 (OWEN DR) FROM US-301 TO 4-LANE DIVIDED SECTION OF HIGHWAY SOUTH OF US-401 BUS.

ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
1	TON	INCIDENTAL STONE BASE
0.12	SMI	SHOULDER RECONSTRUCTION
84,295	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
102,280	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")
1,725	SY	INCIDENTAL MILLING
4,100	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
14,050	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
193	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
914	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
12	TON	PATCHING EXISTING PAVEMENT
44	EA	ADJUSTMENT OF MANHOLES
25	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
62,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
2,040	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
1,800	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
64	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
356	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
62,000	LF	PAINT PAVEMENT MARKING LINES (4")
1,800	LF	PAINT PAVEMENT MARKING LINES (24")
150	EA	PERMANENT RAISED PAVEMENT MARKERS
1,600	EA	SNOWFLOWABLE RAISED PAVEMENT MARKERS
1	ACR	SEEDING & MULCHING
100	LF	TRENCHING (PAVED)
100	LF	TRENCHING (UNPAVED)
5	EA	JUNCTION BOX (STANDARD SIZE)
5	EA	2" RISER WITH WEATHERHEAD
15,325	LF	INDUCTIVE LOOP SAWCUT
800	LF	LEAD-IN CABLE

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031118 025

CONTRACT ID : C200979 37225

DIV OFFICE FAYETTEVILLE

LENGTH = 3.430 MI

COUNTY : HARNETT

MILLING, SHLDR RECONST, RESURFACING & PVMT MARKINGS.

MBE GOAL 5.0% WBE 3.0% COMPLETION DATE : OCT 31 2004

US-421 FROM NORTH OF NC-55 TO SR-1718.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
90	TON	INCIDENTAL STONE BASE
13.8	SMI	SHOULDER RECONSTRUCTION
137,000	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
1,900	SY	INCIDENTAL MILLING
21,800	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
24,700	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,025	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,606	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
1,400	SY	GENERIC PAVING ITEM 5" MONOLITHIC CONCRETE ISLAND
2	EA	ADJUSTMENT OF MANHOLES
2	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
72,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
19,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
2,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
1,200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
323	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
19,000	LF	PAINT PAVEMENT MARKING LINES (4")
2,000	LF	PAINT PAVEMENT MARKING LINES (8")
1,200	LF	PAINT PAVEMENT MARKING LINES (24")
200	EA	PERMANENT RAISED PAVEMENT MARKERS
575	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS
17	ACR	SEEDING & MULCHING
100	LF	TRENCHING (PAVED)
100	LF	TRENCHING (UNPAVED)
5	EA	JUNCTION BOX (STANDARD SIZE)
5	EA	2" RISER WITH WEATHERHEAD
11,450	LF	INDUCTIVE LOOP SAWCUT
800	LF	LEAD-IN CABLE

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031118 026

CONTRACT ID : C200988 6CR.10261.8

DIV OFFICE FAYETTEVILLE

LENGTH = 77.490 MI

COUNTY : CUMBERLAND, HARNETT

MILLING, RESURFACING, SHDR RECONST & PAVEMENT MARKINGS.

MBE GOAL 8.0% WBE 4.0% COMPLETION DATE : DEC 01 2004

3 SECTIONS OF NC-82, 2 SECTIONS OF NC-690, 1 SECTION OF NC-53 AND NC-59 & 59 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
1,644	TON	MOBILIZATION
135.88	SMI	INCIDENTAL STONE BASE
1,549	SY	SHOULDER RECONSTRUCTION
45,782	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1")
1,549	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
12,508	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/4")
810	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
4,679	TON	INCIDENTAL MILLING
11,683	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
4,094	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
62,132	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
3,902	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
5,346	TON	ASPHALT CONC SURFACE COURSE, TYPE S4.75A
266	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
34	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
785	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
452	TON	PATCHING EXISTING PAVEMENT
432	LF	GENERIC PAVING ITEM
70	SY	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)
20	SY	2'-6" CONCRETE CURB & GUTTER
1	EA	4" CONCRETE SIDEWALK
96	EA	6" CONCRETE DRIVEWAY
117	EA	ADJUSTMENT OF CATCH BASINS
180,100	LF	ADJUSTMENT OF MANHOLES
240,225	LF	ADJUSTMENT OF METER BOXES OR VALVE BOXES
600	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
1,930	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
845	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
41	EA	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
153	EA	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
1,050,175	LF	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
550	LF	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
100	LF	PAINT PAVEMENT MARKING LINES (4")
6	EA	PAINT PAVEMENT MARKING LINES (8")
2,740	EA	PAINT PAVEMENT MARKING LINES (24")
166	ACR	PERMANENT RAISED PAVEMENT MARKERS
4,825	LF	SEEDING & MULCHING
250	LF	INDUCTIVE LOOP SAWCUT
	LF	LEAD-IN CABLE

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031118 027

CONTRACT ID : C200989 6CR.10091.7

DIV OFFICE FAYETTEVILLE

LENGTH = 46.500 MI

COUNTY : BLADEN, COLUMBUS

MILLING, SHLDR RECONST, RESURFACING & PVMT MARKINGS.

MBE GOAL 8.0% WBE 4.0% COMPLETION DATE : DEC 01 2004

VARIOUS SECTIONS OF US-701, NC-41, NC-87 & NC-901 AND 17 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
1,071	TON	INCIDENTAL STONE BASE
91.66	SMI	SHOULDER RECONSTRUCTION
12,438	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/2")
6,336	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 3")
283	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
10,925	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
39,934	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
3,318	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1	EA	WHEELCHAIR RAMPS
20	EA	GENERIC PAVING ITEM WHEELCHAIR RAMP CURB CUTS
7	EA	ADJUSTMENT OF MANHOLES
9	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
116,700	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
87,200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
225	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
250	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
314	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
22	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
20	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
682,800	LF	PAINT PAVEMENT MARKING LINES (4")
2,660	EA	PERMANENT RAISED PAVEMENT MARKERS
111	ACR	SEEDING & MULCHING
1,080	LF	INDUCTIVE LOOP SAWCUT
100	LF	LEAD-IN CABLE

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031118 028

CONTRACT ID : C200976 7R.20011.1

DIV OFFICE GREENSBORO

LENGTH = 16.354 MI

COUNTY : ALAMANCE, ORANGE

MILLING, RESURFACING & PAVEMENT MARKINGS.

MBE GOAL 8.0% WBE 4.0% COMPLETION DATE : JUL 30 2004

NC-49/54 FROM GRAHAM CL TO EAST OF NC-100 & FROM SR-1716 TO BURLINGTON CL AND 20 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
1,105	TON	INCIDENTAL STONE BASE
13,120	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")
7,401	SY	MILLING ASPHALT PAVEMENT, **** TO ****" DEPTH (0" TO 1-1/2")
497	SY	MILLING ASPHALT PAVEMENT, **** TO ****" DEPTH (0" TO 1-1/4")
15,932	SY	MILLING ASPHALT PAVEMENT, **** TO ****" DEPTH (0" TO 2")
680	SY	INCIDENTAL MILLING
2,234	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
17,840	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,089	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,337	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
168,294	SY	GENERIC PAVING ITEM ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE
10	EA	WHEELCHAIR RAMPS
17	EA	GENERIC PAVING ITEM RETROFIT EXISTING WHEELCHAIR RAMP
69	EA	ADJUSTMENT OF MANHOLES
96	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
31,572	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
58,578	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
654	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
180	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
744	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
80	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 120 MILS)
868	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
28	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
116	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
219,157	LF	PAINT PAVEMENT MARKING LINES (4")
680	LF	PAINT PAVEMENT MARKING LINES (8")
6	EA	JUNCTION BOX (STANDARD SIZE)
2,250	LF	INDUCTIVE LOOP SAWCUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031118 029

CONTRACT ID : C200978 7R.304108.1

DIV OFFICE GREENSBORO

LENGTH = 4.079 MI

COUNTY : GUILFORD

MILLING, RESURFACING & PAVEMENT MARKINGS.

MBE GOAL 8.0% WBE 4.0% COMPLETION DATE : AUG 06 2004

US-220 FROM BATTLEGROUND AVE TO EAST LINDSAY ST AND 1 SECTION OF SECONDARY ROAD.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
9,453	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1")
3,360	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
64,416	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
15,333	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")
21,241	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 3")
6,800	SY	INCIDENTAL MILLING
2,622	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
9,569	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
9,750	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
745	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
634	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
406	TON	GENERIC PAVING ITEM ULTRATHIN HOT MIX ASPHALT, TYPE B
12,507	SY	GENERIC PAVING ITEM APPLICATION OF ULTRATHIN HOT MIX ASPHALT
7	EA	WHEELCHAIR RAMPS
31	EA	GENERIC PAVING ITEM RETROFIT EXISTING WHEELCHAIR RAMP
100	EA	ADJUSTMENT OF MANHOLES
104	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
25,667	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
43,690	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
110	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
6,375	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
220	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
952	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
20	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
173	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
Lump Sum	LS	PORTABLE LIGHTING
5,700	LF	INDUCTIVE LOOP SAWCUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031118 030

CONTRACT ID : C200980 7R.10791.1

DIV OFFICE GREENSBORO

LENGTH = 21.982 MI

COUNTY : ROCKINGHAM

MILLING, RESURFACING, SHDR RECONST & PAVEMENT MARKINGS.

MBE GOAL 8.0% WBE 4.0% COMPLETION DATE : AUG 06 2004

US-220 NBL FROM NC-68 TO SR-1110 AND US-220 BUS FROM MAYODAN CITY LIMIT TO SR-2213 & 7 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
860	TON	INCIDENTAL STONE BASE
6.1	SMI	SHOULDER RECONSTRUCTION
900	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/4")
8,200	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")
2,046	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/4")
7,459	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 2")
300	SY	INCIDENTAL MILLING
2,183	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
1,403	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
21,442	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,904	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,742	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
193,189	SY	GENERIC PAVING ITEM ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE
11	EA	WHEELCHAIR RAMPS
10	EA	GENERIC PAVING ITEM RETROFIT EXISTING WHEELCHAIR RAMP
28	EA	ADJUSTMENT OF MANHOLES
23	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
91,186	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
48,156	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
982	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
887	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
352	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
40	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
558	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
2	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
172	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
248,193	LF	PAINT PAVEMENT MARKING LINES (4")
0.5	ACR	SEEDING & MULCHING
1.7	ACR	GENERIC EROSION CONTROL ITEM RESIDENTIAL SEEDING
300	LF	INDUCTIVE LOOP SAWCUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031118 031

CONTRACT ID : C200981 7R.10411.2

DIV OFFICE GREENSBORO

LENGTH = 10.336 MI

COUNTY : GUILFORD

MILLING, RESURFACING & PAVEMENT MARKINGS.

MBE GOAL 8.0% WBE 4.0% COMPLETION DATE : OCT 15 2004

VARIOUS SECTIONS OF NC-68 & NC-610 AND 2 SECTIONS OF SECONDARY ROAD.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
260	TON	INCIDENTAL STONE BASE
7,462	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
16,000	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")
14,555	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/4")
22,481	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 2")
1,409	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 5-1/2")
350	SY	INCIDENTAL MILLING
2,736	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE II 9.0B
17,646	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,923	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,401	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
101,562	SY	GENERIC PAVING ITEM ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE
10	EA	WHEELCHAIR RAMPS
30	EA	GENERIC PAVING ITEM RETROFIT EXISTING WHEELCHAIR RAMP
1	EA	ADJUSTMENT OF DROP INLETS
150	EA	ADJUSTMENT OF MANHOLES
173	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
19,528	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
109,846	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
402	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
272	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
2,317	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
1,451	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
36	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
281	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
46,429	LF	PAINT PAVEMENT MARKING LINES (4")
92	LF	PAINT PAVEMENT MARKING LINES (16")
60	LF	PAINT PAVEMENT MARKING LINES (24")
Lump Sum	LS	PORTABLE LIGHTING
4,350	LF	INDUCTIVE LOOP SAWCUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031118 032

CONTRACT ID : C200982 7R.10681.1

DIV OFFICE GREENSBORO

LENGTH = 16.785 MI

COUNTY : ORANGE

MILLING, RESURFACING, SHOULDER RECONST & PVMT MARKINGS.

MBE GOAL 8.0% WBE 4.0% COMPLETION DATE : AUG 17 2004

VARIOUS SECTIONS OF US-70A NEAR HILLSBOROUGH, NC-86 FROM SR-1750 TO SR-1777 & 12 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,495	TON	INCIDENTAL STONE BASE
9.17	SMI	SHOULDER RECONSTRUCTION
300	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")
1,638	SY	MILLING ASPHALT PAVEMENT, **** TO ****" DEPTH (0" TO 1-1/4")
6,411	SY	MILLING ASPHALT PAVEMENT, **** TO ****" DEPTH (0" TO 2")
5,174	SY	MILLING ASPHALT PAVEMENT, **** TO ****" DEPTH (0" TO 3")
333	SY	INCIDENTAL MILLING
3,393	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
51	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
18,371	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,184	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,425	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
215,167	SY	GENERIC PAVING ITEM ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE
55	EA	GENERIC PAVING ITEM RETROFIT EXISTING WHEELCHAIR RAMP
3	EA	WHEELCHAIR RAMPS
58	EA	ADJUSTMENT OF MANHOLES
68	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
49,152	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
70,873	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
374	LF	THERMOPLASTIC PAVEMENT MARKING LINES (6", 120 MILS)
1,056	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
658	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
9	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
85	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
216,167	LF	PAINT PAVEMENT MARKING LINES (4")
Lump Sum	LS	PORTABLE LIGHTING
1.04	ACR	SEEDING & MULCHING
2.3	ACR	GENERIC EROSION CONTROL ITEM RESIDENTIAL SEEDING
3,100	LF	INDUCTIVE LOOP SAWCUT

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L031118 033

CONTRACT ID : C200699 33117.3.2

DIV OFFICE ABERDEEN

LENGTH = 0.234 MI

COUNTY : RANDOLPH

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 10.0% COMPLETION DATE : DEC 31 2004

BRIDGE OVER LITTLE RIVER AND APPROACHES ON SR-1135.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
7,000	CY	UNCLASSIFIED EXCAVATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (15+00.00 -L-)
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
350	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
332	CY	DRAINAGE DITCH EXCAVATION
660	SY	GENERIC GRADING ITEM ROCK PLATING
40	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
136	LF	15" SIDE DRAIN PIPE
48	LF	15" RC PIPE CULVERTS, CLASS III
92	LF	18" RC PIPE CULVERTS, CLASS III
24	LF	12" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
44	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
1	EA	12" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
4	EA	18" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
129	LF	PIPE REMOVAL
650	TON	AGGREGATE BASE COURSE
50	TON	INCIDENTAL STONE BASE
590	GAL	PRIME COAT
85	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
665	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5A
50	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
4	EA	MASONRY DRAINAGE STRUCTURES
4	EA	FRAME WITH GRATE, STD 840.29
55	LF	SHOULDER BERM GUTTER
375	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
30	TON	PLAIN RIP RAP, CLASS B
585	SY	FILTER FABRIC FOR DRAINAGE
52	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
30	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
57	EA	DRUMS
57	EA	CONES
36	LF	BARRICADES (TYPE III)
200	MD	FLAGGER
18,460	LF	PAINT PAVEMENT MARKING LINES (4")
360	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
245	TON	STONE FOR EROSION CONTROL, CLASS B
325	TON	SEDIMENT CONTROL STONE
4.5	ACR	TEMPORARY MULCHING
200	LB	SEED FOR TEMPORARY SEEDING
0.75	TON	FERTILIZER FOR TEMPORARY SEEDING
25	LF	TEMPORARY SLOPE DRAINS
1	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
490	CY	SILT EXCAVATION
470	SY	SYNTHETIC ROVING
780	SY	MATTING FOR EROSION CONTROL
255	LF	1/4" HARDWARE CLOTH
8	EA	SPECIAL STILLING BASINS

4.5	ACR	SEEDING & MULCHING
3	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
125	LB	SEED FOR SUPPLEMENTAL SEEDING
3.25	TON	FERTILIZER TOPDRESSING
1.5	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL
0.25	ACR	REFORESTATION

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+00.00-L-)
34.5	LF	*** DIA DRILLED PIERS IN SOIL (3'-0")
42	LF	*** DIA DRILLED PIERS NOT IN SOIL (3'-0")
52.32	LF	PERMANENT STEEL CASING FOR *** DIA DRILLED PIER (3'-0")
1	EA	CROSSHOLE SONIC LOGGING
346	LF	CSL TUBES
53.6	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (15+00.00-L-)
12,176	LB	REINFORCING STEEL (BRIDGE)
1,805	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
150	LF	HP12X53 STEEL PILES
214.98	LF	CONCRETE BARRIER RAIL
280	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
305	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,074.9	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L031118 034

CONTRACT ID : C200768 33229.3.1

DIV OFFICE ABERDEEN

LENGTH = 0.208 MI

COUNTY : RANDOLPH

GRADING, DRAINAGE, PAVING & CULVERT.

DBE GOAL 10.0% COMPLETION DATE : OCT 15 2004

CULVERT ON MILL CREEK AND APPROACHES ON SR-2609.

ROADWAY ITEMS

2.5 HR SPECIALIZED HAND MOWING
8 EA RESPONSE FOR EROSION CONTROL

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
22	CY	DRAINAGE DITCH EXCAVATION
24	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
48	LF	15" SIDE DRAIN PIPE
4	LF	18" RC PIPE CULVERTS, CLASS III
168	LF	*** CS PIPE CULVERTS, ***** THICK (72", 0.138")
216	LF	PIPE REMOVAL
565	TON	AGGREGATE BASE COURSE
200	TON	INCIDENTAL STONE BASE
475	GAL	PRIME COAT
200	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
620	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5A
50	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
0.447	CY	PIPE COLLARS
375	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
350	LF	TEMPORARY STEEL BM GUARDRAIL
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
68	TON	PLAIN RIP RAP, CLASS I
150	SY	FILTER FABRIC FOR DRAINAGE
164	SF	WORK ZONE SIGNS (STATIONARY)
64	SF	WORK ZONE SIGNS (PORTABLE)
40	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
30	EA	DRUMS
30	EA	CONES
40	LF	BARRICADES (TYPE III)
480	HR	FLAGGER
1	EA	TRUCK MOUNTED IMPACT ATTENUATOR (45 MPH)
15,200	LF	PAINT PAVEMENT MARKING LINES (4")
1,200	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
115	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
240	TON	STONE FOR EROSION CONTROL, CLASS B
55	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING
90	LF	TEMPORARY SLOPE DRAINS
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
280	CY	SILT EXCAVATION
425	SY	SYNTHETIC ROVING
900	SY	MATTING FOR EROSION CONTROL
350	SY	PERMANENT SOIL REINFORCEMENT MAT
65	LF	*** TEMPORARY PIPE (24")
450	CY	STILLING BASINS
1.5	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
1.25	TON	FERTILIZER TOPDRESSING
70	LF	IMPERVIOUS DIKE

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+00.00-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (16+00.00-L-)
106	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
153.7	CY	CLASS A CONCRETE (CULVERT)
21,306	LB	REINFORCING STEEL (CULVERT)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031118 035

CONTRACT ID : C200948 36800

DIV OFFICE ABERDEEN

LENGTH = 6.620 MI

COUNTY : MOORE

DRAINAGE, SHLDR RECONST, MILLING, RESURFACING & PVT MRKINGS.

MBE GOAL 5.0% WBE 3.0% COMPLETION DATE : SEP 30 2004

US-15 & 501 FROM NORTH OF CARTHAGE TO WEST OF SR-1007.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
100	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT
22,875	SY	GENERIC GRADING ITEM TRENCHING FOR BASE COURSE
280	LF	15" RC PIPE CULVERTS, CLASS III
280	LF	18" RC PIPE CULVERTS, CLASS III
280	TON	INCIDENTAL STONE BASE
13.22	SMI	SHOULDER RECONSTRUCTION
98,425	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1")
130	SY	INCIDENTAL MILLING
7,860	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
18,620	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
339	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,212	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
70,820	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
79,900	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
700	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
265	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
38	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
148,220	LF	PAINT PAVEMENT MARKING LINES (4")
1,375	EA	PERMANENT RAISED PAVEMENT MARKERS
200	LF	TEMPORARY SILT FENCE
300	TON	STONE FOR EROSION CONTROL, CLASS B
300	TON	SEDIMENT CONTROL STONE
10.88	ACR	SEEDING & MULCHING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031118 036

CONTRACT ID : C200949 36801

DIV OFFICE ABERDEEN

LENGTH = 5.700 MI

COUNTY : MOORE

DRAINAGE, SHLDR RECONST, MILLING, RESURFACING & GUARDRAIL.

MBE GOAL 5.0% WBE 3.0% COMPLETION DATE : SEP 30 2004

NC-22 FROM SOUTH OF SR-1843 TO US-15 & 501.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
11,395	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT
21,480	SY	GENERIC GRADING ITEM TRENCHING FOR BASE
24	LF	18" RC PIPE CULVERTS, CLASS III
16	LF	24" RC PIPE CULVERTS, CLASS III
180	TON	INCIDENTAL STONE BASE
10.47	SMI	SHOULDER RECONSTRUCTION
100	SY	INCIDENTAL MILLING
1.5	CY	ENDWALLS
2	CY	PIPE COLLARS
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	STEEL FRAME WITH TWO GRATES, STD 840.37
150	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
2	EA	ADJUSTMENT OF MANHOLES
9	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
175	LF	STEEL BM GUARDRAIL
100	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
58,480	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
66,760	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
550	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
275	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
81	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
123,015	LF	PAINT PAVEMENT MARKING LINES (4")
934	EA	PERMANENT RAISED PAVEMENT MARKERS
700	LF	TEMPORARY SILT FENCE
210	TON	STONE FOR EROSION CONTROL, CLASS B
210	TON	SEDIMENT CONTROL STONE
7.9	ACR	SEEDING & MULCHING
		***** BEGIN SCHEDULE AA *****
		***** (2 ALTERNATES) *****
5,660	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
16,183	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,295	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
		*** OR ***
5,660	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
10,506	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,048	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,875	TON	GENERIC PAVING ITEM HOT MIX ASPHALT ADMIXTURE
6,434	GAL	GENERIC PAVING ITEM EMULSIFIED ASPHALT REJUVENATING AGENT
62,941	SY	GENERIC PAVING ITEM HOT-IN-PLACE RECYCLING, TYPE S9.5B

*** END SCHEDULE AA ***

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031118 037

CONTRACT ID : C200950 36792

DIV OFFICE ABERDEEN

LENGTH = 5.250 MI

COUNTY : CHATHAM

MILLING, SHLDR RECONST, DRAINAGE, RESURFACING & PVT MARKINGS

MBE GOAL 5.0% WBE 3.0% COMPLETION DATE : JUN 30 2004

SR-1532 FROM SR-1525 TO US-15/501.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
21,140	SY	GENERIC GRADING ITEM TRENCHING FOR BASE COURSE
31	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
228	LF	15" RC PIPE CULVERTS, CLASS III
60	LF	18" RC PIPE CULVERTS, CLASS III
100	LF	PIPE REMOVAL
245	TON	INCIDENTAL STONE BASE
10.5	SMI	SHOULDER RECONSTRUCTION
85	SY	INCIDENTAL MILLING
7,268	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
11,317	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
1,050	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
173	TON	PATCHING EXISTING PAVEMENT
1	CY	PIPE COLLARS
14,400	LF	GENERIC PAVING ITEM 8" X 4" ASPHALT CURB LIP
1	EA	ADJUSTMENT OF MANHOLES
1	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
55,506	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
62,086	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
380	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
46	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
117,592	LF	PAINT PAVEMENT MARKING LINES (4")
935	EA	PERMANENT RAISED PAVEMENT MARKERS
200	LF	TEMPORARY SILT FENCE
40	TON	STONE FOR EROSION CONTROL, CLASS B
20	TON	SEDIMENT CONTROL STONE
7.5	ACR	SEEDING & MULCHING
200	LF	INDUCTIVE LOOP SAWCUT
100	LF	LEAD-IN CABLE

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031118 038

CONTRACT ID : C200951 36791

DIV OFFICE ABERDEEN

LENGTH = 5.070 MI

COUNTY : RICHMOND

MILLING, DRAINAGE, SHLDR RECONST, RESURFACING & PVT MARKINGS

MBE GOAL 5.0% WBE 3.0% COMPLETION DATE : JUN 30 2004

NC-38 FROM SR-1615 TO SOUTH CAROLINA STATE LINE.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
7	CY	GENERIC GRADING ITEM REMOVAL OF EXISTING CONCRETE ISLAND
13,545	SY	GENERIC GRADING ITEM TRENCHING FOR BASE COURSE
23	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
100	LF	15" RC PIPE CULVERTS, CLASS III
84	LF	18" RC PIPE CULVERTS, CLASS III
20	LF	24" RC PIPE CULVERTS, CLASS III
140	LF	PIPE REMOVAL
250	TON	INCIDENTAL STONE BASE
10.14	SMI	SHOULDER RECONSTRUCTION
200	SY	INCIDENTAL MILLING
3,950	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
13,917	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,074	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
70	TON	PATCHING EXISTING PAVEMENT
1	CY	PIPE COLLARS
1	EA	ADJUSTMENT OF MANHOLES
2	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
400	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
55,310	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
45,680	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
55	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
14	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
100,990	LF	PAINT PAVEMENT MARKING LINES (4")
486	EA	PERMANENT RAISED PAVEMENT MARKERS
200	LF	TEMPORARY SILT FENCE
5	TON	STONE FOR EROSION CONTROL, CLASS B
150	SY	MATTING FOR EROSION CONTROL
5	ACR	SEEDING & MULCHING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L031118 039

CONTRACT ID : C200994 36364.2.1

DIV OFFICE WINSTON-SALEM

LENGTH = 16.560 MI

COUNTY : RANDOLPH, DAVIDSON

MILLING & RESURFACING.

DBE GOAL 10.0% COMPLETION DATE : SEP 30 2004

I-85 FROM I-85 / I-85 BUS SPLIT TO NC-64 & FROM NC-109 IN DAVIDSON COUNTY TO US-311 IN RANDOLPH COUNTY.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
3,750	CY	UNDERCUT EXCAVATION
21,866	SY	REMOVAL OF EXISTING CONCRETE PAVEMENT
21,866	SY	FABRIC FOR SOIL STABILIZATION
7,425	TON	AGGREGATE BASE COURSE
193,636	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
1,658	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 1-1/2")
13,712	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
3,740	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
109,297	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
766	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
7,104	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
400	TON	PATCHING EXISTING PAVEMENT
346,544	LF	MILLED RUMBLE STRIPS
1,468	SF	WORK ZONE SIGNS (PORTABLE)
8	EA	FLASHING ARROW PANELS, TYPE C
4	EA	CHANGEABLE MESSAGE SIGNS
16	EA	WARNING FLAG SETS
600	EA	DRUMS
8	EA	TRUCK MOUNTED IMPACT ATTENUA- TOR (60 MPH)
6,800	LF	PORTABLE CONCRETE BARRIER
20,800	LF	RESET PORTABLE CONCRETE BAR- RIER
429,271	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
90,900	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
11,780	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
52	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
716,460	LF	PAINT PAVEMENT MARKING LINES (4")
23,560	LF	PAINT PAVEMENT MARKING LINES (8")
104	EA	PAINT PAVEMENT MARKING SYMBOL
6,500	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
2	EA	JUNCTION BOX (STANDARD SIZE)
770	LF	INDUCTIVE LOOP SAWCUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031118 040

CONTRACT ID : C200974 36949

DIV OFFICE ALBEMARLE

LENGTH = 5.640 MI

COUNTY : MECKLENBURG

GRADING, WIDENING, MILLING, SHLDR RECONST & RESURFACING.

MBE GOAL 5.0% WBE 3.0% COMPLETION DATE : NOV 15 2004

NC-24 FROM WEST OF MALLARD CREEK RD TO GRIER RD.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
Lump Sum	LS	GRADING
15,000	CY	BORROW EXCAVATION
1,733	CY	DRAINAGE DITCH EXCAVATION
20	TON	INCIDENTAL STONE BASE
15	SMI	SHOULDER RECONSTRUCTION
112,532	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")
3,500	SY	INCIDENTAL MILLING
4,245	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
31,895	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
38,339	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,682	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
2,492	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
2,500	TON	PATCHING EXISTING PAVEMENT
250	LF	2'-6" CONCRETE CURB & GUTTER
500	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
4	EA	ADJUSTMENT OF CATCH BASINS
4	EA	ADJUSTMENT OF DROP INLETS
16	EA	ADJUSTMENT OF MANHOLES
20	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
450	LF	STEEL BM GUARDRAIL
1	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
300	LF	REMOVE & RESET EXISTING GUARD- RAIL
40	TON	PLAIN RIP RAP, CLASS B
90	SY	FILTER FABRIC FOR DRAINAGE
2	EA	FLASHING ARROW PANELS, TYPE C
2	EA	CHANGEABLE MESSAGE SIGNS
1	EA	TRUCK MOUNTED IMPACT ATTENUA- TOR (60 MPH)
80	HR	POLICE
135,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
55,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
15,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
2,700	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
240	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
465	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
205,000	LF	PAINT PAVEMENT MARKING LINES (4")
2,700	LF	PAINT PAVEMENT MARKING LINES (24")
2,500	EA	PERMANENT RAISED PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
7,600	LF	TEMPORARY SILT FENCE
200	TON	STONE FOR EROSION CONTROL, CLASS B
80	TON	SEDIMENT CONTROL STONE
150	CY	SILT EXCAVATION
9.4	ACR	SEEDING & MULCHING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031118 041

CONTRACT ID : C200985 11CR.10861.2

DIV OFFICE NORTH WILKESBORO

LENGTH = 36.460 MI

COUNTY : SURRY, YADKIN

MILLING, RESURFACING, SHDR RECONST & PAVEMENT MARKINGS.

MBE GOAL 7.0% WBE 4.0% COMPLETION DATE : SEP 10 2004

US-421 NBL, SBL & RAMPS, 2 SECTIONS OF NC-89 & NC-104, 1 SECTION OF NC-18 AND 20 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,909	TON	INCIDENTAL STONE BASE
70.36	SMI	SHOULDER RECONSTRUCTION
15,061	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
157,608	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
14,424	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5A
13,845	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
26,462	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,838	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,720	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
942	TON	PATCHING EXISTING PAVEMENT
174,533	SY	GENERIC PAVING ITEM ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE
2	EA	ADJUSTMENT OF DROP INLETS
12	EA	ADJUSTMENT OF MANHOLES
14	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
378,609	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
205,346	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
3,626	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
250	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
494	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
64	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
178	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
100,000	LF	PAINT PAVEMENT MARKING LINES (4")
1,620	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
38.76	ACR	SEEDING & MULCHING
125	LF	TRENCHING (PAVED)
625	LF	TRENCHING (UNPAVED)
1,250	LF	INDUCTIVE LOOP SAWCUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031118 042

CONTRACT ID : C200986 11CR.10061.4

DIV OFFICE NORTH WILKESBORO

LENGTH = 11.114 MI

COUNTY : AVERY, WATAUGA

SHOULDER RECONST, MILLING, RESURFACING & PVMT MARKINGS.

MBE GOAL 7.0% WBE 4.0% COMPLETION DATE : SEP 10 2004

1 SECTION OF US-19E, US-321 AND SR-1545 AND 7 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
624	TON	INCIDENTAL STONE BASE
21.84	SMI	SHOULDER RECONSTRUCTION
95,744	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
1,953	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5A
15,670	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,146	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
375	TON	PATCHING EXISTING PAVEMENT
20,522	SY	GENERIC PAVING ITEM ASPHALT SURFACE TREATMENT, MAT COAT, #78M
113,920	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
72,468	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
84	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
13	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
160,000	LF	PAINT PAVEMENT MARKING LINES (4")
125	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS
10.93	ACR	SEEDING & MULCHING
40	LF	TRENCHING (PAVED)
40	LF	TRENCHING (UNPAVED)
1,000	LF	INDUCTIVE LOOP SAWCUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031118 043

CONTRACT ID : C200987 11CR.10031.3

DIV OFFICE NORTH WILKESBORO

LENGTH = 23.350 MI

COUNTY : ALLEGHANY, ASHE

MILLING, SHLDR RECONST, RESURFACING & PVMT MARKINGS.

MBE GOAL 7.0% WBE 4.0% COMPLETION DATE : SEP 10 2004

VARIOUS SECTIONS OF US-21, US-221 & NC-88 AND 8 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,320	TON	INCIDENTAL STONE BASE
44.96	SMI	SHOULDER RECONSTRUCTION
27,738	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH (1-1/2")
12,031	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5A
750	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5A (LEVELING COURSE)
9,926	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,183	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,475	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
142	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
1,148	TON	PATCHING EXISTING PAVEMENT
36,198	SY	GENERIC PAVING ITEM ASPHALT SURFACE TREATMENT, MAT COAT, #78M STONE
14	EA	ADJUSTMENT OF CATCH BASINS
6	EA	ADJUSTMENT OF DROP INLETS
12	EA	ADJUSTMENT OF MANHOLES
7	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
241,884	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
154,572	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
374	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
27	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
52	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
462	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
22.55	ACR	SEEDING & MULCHING
100	LF	TRENCHING (PAVED)
1,000	LF	INDUCTIVE LOOP SAWCUT

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L031118 044

CONTRACT ID : C200598 34350.3.7

DIV OFFICE SHELBY

LENGTH = 2.100 KM

COUNTY : LINCOLN

WIDENING, GRADING, DRAINAGE, & PAVING.

DBE GOAL 10.0% COMPLETION DATE : JUL 15 2006

NC-150 FROM GASTON COUNTY LINE TO WEST OF INDIAN CREEK.

ROADWAY ITEMS

			110	MTN	AGGREGATE FOR SOIL CEMENT BASE
			40,000	L	ASPHALT CURING SEAL
			150	MTN	INCIDENTAL STONE BASE
			2,900	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B
			13,500	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C
			2,600	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
			10,800	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
			1,700	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
			12,400	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
			1,446	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
			806	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
			75	MTN	ASPHALT PLANT MIX PAVEMENT REPAIR
			414	M3	SUBDRAIN EXCAVATION
			207	M3	SUBDRAIN FINE AGGREGATE
			500	M	150MM PERFORATED SUBDRAIN PIPE
			50	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS
			4	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
			8	M	150MM OUTLET PIPE (SUBDRAINS)
			2,175	M	SHOULDER DRAIN
			2,175	M	100MM SHOULDER DRAIN PIPE
			92.6	M	100MM OUTLET PIPE (SHOULDER DRAINS)
			19	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET
			10	MTN	BLOTTING SAND
			21.8	M3	ENDWALLS
			4.3	M3	REINFORCED ENDWALLS
			0.99	M3	PIPE COLLARS
			40	EA	MASONRY DRAINAGE STRUCTURES
			0.54	M	MASONRY DRAINAGE STRUCTURES
			5	EA	FRAME WITH TWO GRATES, DETAIL 840.***** (840.20)
			32	EA	FRAME WITH TWO GRATES, STD 840.22
			765	M	SHOULDER BERM GUTTER
			125	M2	150MM CONCRETE DRIVEWAY
			15	M2	100MM CONCRETE PAVED DITCH
			140	M2	125MM MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
			1,960.245	M	STEEL BM GUARDRAIL
			76.2	M	STEEL BM GUARDRAIL, SHOP CURVED
			2	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
			5	EA	ADDITIONAL GUARDRAIL POSTS
			1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
			10	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
			11	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
			5,190	M	WOVEN WIRE FENCE, 1200MM FABRIC
			1,020	EA	100MM TIMBER FENCE POSTS, 2.30M LONG
			400	EA	125MM TIMBER FENCE POSTS, 2.50M LONG
			210	M	TEMP *****MM WOVEN WIRE FENCE, COMPLETE WITH POSTS (1200MM)
			1,315	MTN	PLAIN RIP RAP, CLASS I
			857	MTN	PLAIN RIP RAP, CLASS B
			2,520	M2	FILTER FABRIC FOR DRAINAGE
			673	M	SUPPORTS, 4.5KG STEEL U-CHANNEL
			4	EA	SIGN ERECTION, TYPE D
			85	EA	SIGN ERECTION, TYPE E
			19	EA	SIGN ERECTION, TYPE F
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CLEARING & GRUBBING ... HECTARE(S)			
0.8	HA	SUPPLEMENTARY CLEARING & GRUBBING			
12	EA	SEALING ABANDONED WELLS			
154,000	M3	UNCLASSIFIED EXCAVATION			
15,800	M3	UNDERCUT EXCAVATION			
250,200	M3	BORROW EXCAVATION			
12,600	M3	SELECT BORROW MATERIAL			
6,250	M3	DRAINAGE DITCH EXCAVATION			
590	M	BERM DITCH CONSTRUCTION			
12,675	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT			
775	M2	BREAKING OF EXISTING ASPHALT PAVEMENT			
20	HR	PROOF ROLLING			
4,900	M2	FABRIC FOR SOIL STABILIZATION			
125	MTN	SELECT MATERIAL, CLASS II			
660	MTN	FOUNDATION CONDITIONING MATERIAL, MINOR STRS			
157.2	M	375MM SIDE DRAIN PIPE			
45.6	M	450MM SIDE DRAIN PIPE			
10.8	M	300MM RC PIPE CULVERTS, CLASS III			
330	M	375MM RC PIPE CULVERTS, CLASS III			
428.4	M	450MM RC PIPE CULVERTS, CLASS III			
237.6	M	600MM RC PIPE CULVERTS, CLASS III			
117.4	M	1050MM RC PIPE CULVERTS, CLASS III			
51.6	M	1200MM RC PIPE CULVERTS, CLASS III			
183.6	M	****MM RC PIPE CULVERTS, CLASS IV (1050MM)			
68.4	M	****MM RC PIPE CULVERTS, CLASS IV (1500MM)			
147.6	M	****MM RC PIPE CULVERTS, CLASS IV (750MM)			
75.6	M	****MM RC PIPE CULVERTS, CLASS IV (900MM)			
1	EA	1800 X 1200MM RC PIPE TAPERED INLET, CLASS III			
57.6	M	150MM CS PIPE CULVERTS, 1.63MM THICK (SPRING BOX)			
15.6	M	450MM CS PIPE CULVERTS, 1.63MM THICK			
21.6	M	600MM CS PIPE CULVERTS, 1.63MM THICK			
57.6	M	****MM BIT COAT CS PIPE CULVERTS, TYPE B ****MM THICK (150MM, 1.63MM)			
156	M	400MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK			
24	M	450MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK			
16	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			
187.2	M	PIPE REMOVAL			
Lump Sum	LS	FINE GRADING			
43,560	M2	LIME TREATED SOIL (SLURRY METHOD)			
490	MTN	LIME FOR LIME TREATED SOIL			
1,300	MTN	STABILIZER AGGREGATE			
38,400	MTN	AGGREGATE BASE COURSE			
14,520	M2	****MM SOIL CEMENT BASE (180MM)			
450	MTN	PORTLAND CEMENT FOR SOIL CEMENT BASE			

			680	M	TEMPORARY SLOPE DRAINS
			38	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
			21,200	M3	SILT EXCAVATION
			3,500	M2	SYNTHETIC ROVING
			3,500	M2	MATTING FOR EROSION CONTROL
			102	M	6.4MM HARDWARE CLOTH
			1	EA	***X***X***MM PERFORATED CS PIPE TEE RISER, 1.63MM THICK (450MM X 450MM X 450MM)
			1	EA	***X***X***MM PERFORATED CS PIPE TEE RISER, 1.63MM THICK (600MM X 600MM X 600MM)
			27.5	HA	SEEDING & MULCHING
			12.5	HA	MOWING
			275	KG	SEED FOR REPAIR SEEDING
			1	MTN	FERTILIZER FOR REPAIR SEEDING
			775	KG	SEED FOR SUPPLEMENTAL SEEDING
			46.25	MTN	FERTILIZER TOPDRESSING
			0.3	HA	SPECIALIZED SEEDING UNDER GUIDERAIL & GUARDRAIL (HARD FESCUE/BLUEGRASS)
			15	HR	SPECIALIZED HAND MOWING
			16	EA	RESPONSE FOR EROSION CONTROL
			1	HA	REFORESTATION
			1	HA	GENERIC EROSION CONTROL ITEM BUFFER/CREATION/ENHANCEMENT REFORESTATION
			3.6	HA	GENERIC EROSION CONTROL ITEM DISKING
			2.6	HA	GENERIC EROSION CONTROL ITEM UPLAND REFORESTATION
			505	M	SIGNAL CABLE
			12	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)
			190	M	MESSENGER CABLE (9.52MM)
			20	M	TRENCHING (PAVED)
			480	M	TRENCHING (UNPAVED)
			12	EA	JUNCTION BOX (STANDARD SIZE)
			4	EA	WOOD POLE
			8	EA	GUY ASSEMBLY
			1	EA	25MM RISER WITH WEATHERHEAD
			4	EA	50MM RISER WITH WEATHERHEAD
			540	M	INDUCTIVE LOOP SAWCUT
			1,580	M	LEAD-IN CABLE
			1	EA	SIGNAL CABINET FOUNDATION
			1	EA	CABINET BASE ADAPTER
			1	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
			14	EA	DETECTOR CHANNEL (TYPE 2070L)
4	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL			
163	M2	WORK ZONE SIGNS (STATIONARY)			
60	M2	WORK ZONE SIGNS (PORTABLE)			
51	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)			
2	EA	FLASHING ARROW PANELS, TYPE C			
4	EA	WARNING FLAG SETS			
450	EA	DRUMS			
50	EA	CONES			
335	M	BARRICADES (TYPE III)			
6,000	HR	FLAGGER			
14	EA	WARNING LIGHTS (TYPE B)			
2	EA	TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH)			
150	M	REMOVABLE TAPE PAVEMENT MARKING LINES (100MM)			
747	EA	TEMPORARY RAISED PAVEMENT MARKERS			
14,975	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)			
6,545	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)			
297	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)			
164	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)			
8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)			
90	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)			
46,240	M	PAINT PAVEMENT MARKING LINES (100MM)			
614	M	PAINT PAVEMENT MARKING LINES (200MM)			
328	M	PAINT PAVEMENT MARKING LINES (600MM)			
16	EA	PAINT PAVEMENT MARKING CHARACTER			
180	EA	PAINT PAVEMENT MARKING SYMBOL			
1,840	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)			
25	M	REMOVAL OF PAVEMENT MARKING LINES (200MM)			
10	M	REMOVAL OF PAVEMENT MARKING LINES (600MM)			
15	EA	PERMANENT RAISED PAVEMENT MARKERS			
664	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS			
120	MTN	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (IV)			
120	MTN	BEDDING MATERIAL, UTILITIES CLASS ***** (IV)			
10	MTN	PAVEMENT REPAIR FOR UTILITY WORK			
126	M	150MM DI WATER PIPE, CLASS ***** WP (50MM, 2.41MPA)			
90	M	20MM COPPER WATER PIPE, TYPE K			
329	M	***MM PVC WATER PIPE, (C-900), DR ****, *****MPA WP (150MM, 18, 1.035MPA)			
175	M	***MM PVC WATER PIPE, (C-900), DR ****, *****MPA WP (200MM, 18, 1.035MPA)			
179	M	***MM PVC WATER PIPE, (C-900), DR ****, *****MPA WP (300MM, 18, 1.035MPA)			
1,452	KG	DUCTILE IRON WATER PIPE FITTINGS, 1.72MPA MIN WP			
3	EA	20MM CORPORATION STOP			
4	EA	150MM GATE VALVE & VALVE BOX, 1.38MPA WP			
3	EA	*** X ***MM TAPPING SADDLE (150MM X 20MM)			
1	EA	*** X ***MM TAPPING SADDLE (300MM X 20MM)			
6	EA	RELOCATE EXISTING WATER METER			
4	EA	RELOCATE EXISTING FIRE HYDRANT			
1,865	M	TEMPORARY SILT FENCE			
460	MTN	STONE FOR EROSION CONTROL, CLASS A			
5,845	MTN	STONE FOR EROSION CONTROL, CLASS B			
2,020	MTN	SEDIMENT CONTROL STONE			
22.5	HA	TEMPORARY MULCHING			
1,175	KG	SEED FOR TEMPORARY SEEDING			
9.5	MTN	FERTILIZER FOR TEMPORARY SEEDING			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L031118 045

CONTRACT ID : C200753 33096.3.1

DIV OFFICE SHELBY

LENGTH = 0.483 MI

COUNTY : IREDELL

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 10.0% COMPLETION DATE : OCT 01 2005

BRIDGE OVER HUNTING CREEK & APPROACHES ON US-21.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (26+72.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
250	CY	UNDERCUT EXCAVATION
50	TON	CLASS IV SUBGRADE STABILIZA- TION
2	EA	EMBANKMENT SETTLEMENT GAUGES
150	CY	DRAINAGE DITCH EXCAVATION
500	CY	SELECT GRANULAR MATERIAL
500	SY	FABRIC FOR SOIL STABILIZATION
250	SF	TEMPORARY SHORING
46	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
24	LF	15" SIDE DRAIN PIPE
56	LF	15" RC PIPE CULVERTS, CLASS III
92	LF	18" RC PIPE CULVERTS, CLASS III
84	LF	24" RC PIPE CULVERTS, CLASS III
176	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
6	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
52	LF	PIPE REMOVAL
1,530	TON	AGGREGATE BASE COURSE
20	TON	INCIDENTAL STONE BASE
50	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
810	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
1,040	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5A
110	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
80	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
0.2	CY	PIPE PLUGS
5	EA	MASONRY DRAINAGE STRUCTURES
4	EA	FRAME WITH GRATE, STD 840.29
1	EA	FRAME WITH TWO GRATES, STD 840.24
7,000	SF	GENERIC GRADING ITEM (SF) ROCK PLATING
800	LF	SHOULDER BERM GUTTER
775	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
2	TON	PLAIN RIP RAP, CLASS I
250	TON	PLAIN RIP RAP, CLASS B
1,310	SY	FILTER FABRIC FOR DRAINAGE
5.25	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (D)
18.75	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
102	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE D
3	EA	SIGN ERECTION, TYPE E
15	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
1	EA	DISPOSAL OF SIGN SYSTEM, WOOD
78	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
20	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
6	EA	WARNING FLAG SETS
100	EA	DRUMS

25	EA	CONES
40	LF	BARRICADES (TYPE III)
200	MD	FLAGGER
2	EA	WARNING LIGHTS (TYPE B)
2	EA	TEMPORARY CRASH CUSHIONS
580	LF	PORTABLE CONCRETE BARRIER
66	EA	TEMPORARY RAISED PAVEMENT MARKERS
43,200	LF	PAINT PAVEMENT MARKING LINES (4")
500	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
33	EA	PERMANENT RAISED PAVEMENT MARKERS
2	EA	7' U-CHANNEL POSTS
2	EA	OBJECT MARKERS (TYPE **) (III)
645	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
515	TON	STONE FOR EROSION CONTROL, CLASS B
510	TON	SEDIMENT CONTROL STONE
5	ACR	TEMPORARY MULCHING
200	LB	SEED FOR TEMPORARY SEEDING
0.75	TON	FERTILIZER FOR TEMPORARY SEED- ING
175	LF	TEMPORARY SLOPE DRAINS
5	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
465	CY	SILT EXCAVATION
970	SY	SYNTHETIC ROVING
1,450	SY	MATTING FOR EROSION CONTROL
375	LF	1/4" HARDWARE CLOTH
12	EA	SPECIAL STILLING BASINS
6.5	ACR	SEEDING & MULCHING
3	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
125	LB	SEED FOR SUPPLEMENTAL SEEDING
4.75	TON	FERTILIZER TOPDRESSING
0.1	ACR	SPECIALIZED SEEDING UNDER GUIDERAIL & GUARDRAIL (HARD FESCUE/BLUEGRASS)
2.5	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL
0.75	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (26+67.00 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (26+67.00 -L-)
71.8	LF	***.*** DIA DRILLED PIERS IN SOIL (4'-0")
75	LF	***.*** DIA DRILLED PIERS NOT IN SOIL (4'-0")
79.4	LF	PERMANENT STEEL CASING FOR ***.*** DIA DRILLED PIER (4'-0")
1	EA	CROSSHOLE SONIC LOGGING
659.2	LF	CSL TUBES
11,509	SF	REINFORCED CONCRETE DECK SLAB
9,380	SF	GROOVING BRIDGE FLOORS
151.7	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (26+67.00 -L-)
44,169	LB	REINFORCING STEEL (BRIDGE)
6,582	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)

1,379.68	LF	54" PRESTRESSED CONCRETE GIR- DERS
570	LF	HP12X53 STEEL PILES
695.73	LF	CONCRETE BARRIER RAIL
962	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
1,069	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
Lump Sum	LS	STRUCTURE DRAINAGE SYSTEM, STA ***** (26+67.00 -L-)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031118 046

CONTRACT ID : C200973 36933

DIV OFFICE SHELBY

LENGTH = 5.940 MI

COUNTY : CLEVELAND

MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

MBE GOAL 5.0% WBE 3.0% COMPLETION DATE : OCT 01 2004

US-74 BYPASS FROM NC-226 TO US-74 BUS EAST OF SHELBY.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
23.76	SMI	SHOULDER RECONSTRUCTION
7,000	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (7-1/2")
1,160	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (0" TO 1-1/2")
4,500	SY	INCIDENTAL MILLING
10,270	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
2,647	TON	ASPHALT CONC BASE COURSE, TYPE B37.5C
21,694	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,085	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C (LEVELING COURSE)
555	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,481	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
2,170	TON	PATCHING EXISTING PAVEMENT
2	EA	ADJUSTMENT OF DROP INLETS
6	EA	ADJUSTMENT OF MANHOLES
10	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
126,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
22,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
730	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
36	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
213	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
1,120	LF	PAINT PAVEMENT MARKING LINES (4")
800	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031118 047

CONTRACT ID : C200984 12CR.10491.1

DIV OFFICE SHELBY

LENGTH = 14.480 MI

COUNTY : IREDELL

MILLING, RESURFACING, SHLDR RECONST & PVMT MARKINGS.

MBE GOAL 7.0% WBE 4.0% COMPLETION DATE : OCT 01 2004

2 SECTIONS OF NC-901 AND 4 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
656	TON	INCIDENTAL STONE BASE
19.68	SMI	SHOULDER RECONSTRUCTION
450	SY	INCIDENTAL MILLING
3,136	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
7,079	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
17,022	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
650	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
1,616	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,754	TON	PATCHING EXISTING PAVEMENT
1	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
61,444	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
39,666	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
90	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
80	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
153,289	LF	PAINT PAVEMENT MARKING LINES (4")
400	EA	SNOWFLOWABLE RAISED PAVEMENT MARKERS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031118 048

CONTRACT ID : C200990 12CR.10551.1

DIV OFFICE SHELBY

LENGTH = 8.930 MI

COUNTY : LINCOLN

MILLING, SHLDR RECONST, RESURFACING & PAVEMENT MARKINGS.

MBE GOAL 5.0% WBE 3.0% COMPLETION DATE : OCT 15 2004

NC-150 FROM NC-27 TO THE CATAWBA COUNTY LINE.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
335	TON	INCIDENTAL STONE BASE
17.86	SMI	SHOULDER RECONSTRUCTION
2,000	SY	INCIDENTAL MILLING
7,008	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
12,740	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
650	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
1,171	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,160	TON	PATCHING EXISTING PAVEMENT
8,262.5	LF	STEEL BM GUARDRAIL
10	EA	ADDITIONAL GUARDRAIL POSTS
68	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
96,083	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
58,938	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
9	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
615	EA	SNOWFLOWABLE RAISED PAVEMENT MARKERS

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L031118 049

CONTRACT ID : C200730 33219.3.1

DIV OFFICE ASHEVILLE

LENGTH = 0.143 MI

COUNTY : MCDOWELL

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : DEC 31 2004

BRIDGE OVER COVE CREEK AND APPROACHES ON SR-1144.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	0.5	ACR	REFORESTATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (14+30.60)			
Lump Sum	LS	GRADING			
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING			
20	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS			
24	LF	15" SIDE DRAIN PIPE			
52	LF	36" RC PIPE CULVERTS, CLASS III			
108	LF	*** CS PIPE CULVERTS, ***** THICK (84", 0.168")			
108	LF	PIPE REMOVAL			
300	TON	AGGREGATE BASE COURSE			
25	TON	INCIDENTAL STONE BASE			
225	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
225	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5A			
25	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
18	EA	RIGHT OF WAY MARKERS			
2	EA	METAL FUNNELS			
36	LF	12" FUNNEL DRAIN PIPE			
2	EA	12" FUNNEL DRAIN PIPE ELBOWS			
150	LF	SHOULDER BERM GUTTER			
212.5	LF	STEEL BM GUARDRAIL			
5	EA	ADDITIONAL GUARDRAIL POSTS			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
100	LF	TEMPORARY STEEL BM GUARDRAIL			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY			
26	TON	PLAIN RIP RAP, CLASS I			
50	TON	PLAIN RIP RAP, CLASS B			
330	SY	FILTER FABRIC FOR DRAINAGE			
146	SF	WORK ZONE SIGNS (STATIONARY)			
96	SF	WORK ZONE SIGNS (PORTABLE)			
20	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
4	EA	WARNING FLAG SETS			
35	EA	DRUMS			
35	EA	CONES			
48	LF	BARRICADES (TYPE III)			
240	HR	FLAGGER			
11,200	LF	PAINT PAVEMENT MARKING LINES (4")			
550	LF	TEMPORARY SILT FENCE			
75	TON	STONE FOR EROSION CONTROL, CLASS A			
140	TON	STONE FOR EROSION CONTROL, CLASS B			
35	TON	SEDIMENT CONTROL STONE			
1	ACR	TEMPORARY MULCHING			
50	LB	SEED FOR TEMPORARY SEEDING			
0.25	TON	FERTILIZER FOR TEMPORARY SEEDING			
245	CY	SILT EXCAVATION			
275	SY	SYNTHETIC ROVING			
675	SY	MATTING FOR EROSION CONTROL			
1.5	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			
1	TON	FERTILIZER TOPDRESSING			
2	HR	SPECIALIZED HAND MOWING			
8	EA	RESPONSE FOR EROSION CONTROL			

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (14+30.60 -L-)			
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (14+30.60 -L-)			
20.6	CY	CLASS A CONCRETE (BRIDGE)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+30.60 -L-)			
3,400	LB	REINFORCING STEEL (BRIDGE)			
330	LF	HP12X53 STEEL PILES			
115.5	LF	CONCRETE BARRIER RAIL			
223	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)			
247	SY	FILTER FABRIC FOR DRAINAGE			
Lump Sum	LS	ELASTOMERIC BEARINGS			
519.75	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS			

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031118 050

CONTRACT ID : C200953 14CR.20441.1

DIV OFFICE SYLVA

LENGTH = 16.880 MI

COUNTY : HAYWOOD, SWAIN

MILLING & RESURFACING.

MBE GOAL 7.0% WBE 4.0% COMPLETION DATE : OCT 31 2004

1 SECTION OF NC-215, 2 SECTIONS OF US-276 AND 23 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
203	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (8")
10,018	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (2-3/4" TO 4")
78	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
269	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
15,361	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,122	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
179	TON	PATCHING EXISTING PAVEMENT
1,563	TON	GENERIC PAVING ITEM ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)
8	EA	WHEELCHAIR RAMPS
4	EA	GENERIC PAVING ITEM RETROFIT EXISTING WHEELCHAIR RAMPS
11	EA	ADJUSTMENT OF DROP INLETS
15	EA	ADJUSTMENT OF MANHOLES
17	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
8,218	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
12,762	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
640	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
563	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
295	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
16	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
12	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
3,278	LF	PAINT PAVEMENT MARKING LINES (4")

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031118 051

CONTRACT ID : C200972 14CR.10501.1

DIV OFFICE SYLVA

LENGTH = 22.610 MI

COUNTY : JACKSON

SHOULDER RECONSTRUCTION & RESURFACING.

MBE GOAL 7.0% WBE 4.0% COMPLETION DATE : OCT 31 2004

2 SECTIONS OF US-64, 1 SECTION OF NC-281 & 4 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
26.02	SMI	SHOULDER RECONSTRUCTION
2,039	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
20,228	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,102	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
476	TON	PATCHING EXISTING PAVEMENT
10,001	TON	GENERIC PAVING ITEM ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)
1	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
49,208	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
49,370	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
12	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 120 MILS)
42	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
98,416	LF	PAINT PAVEMENT MARKING LINES (4")

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031118 052

CONTRACT ID : C200983 14CR.10751.1

DIV OFFICE SYLVA

LENGTH = 35.570 MI

COUNTY : POLK, TRANSYLVANIA, HENDERSON

MILLING, RESURFACING, SHOULDER RECONST & PAVEMENT MARKINGS.

MBE GOAL 7.0% WBE 4.0% COMPLETION DATE : OCT 31 2004

1 SECTION OF NC-9, 1 SECTION OF US-64, 2 SECTIONS OF NC-280 AND 15 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
15.98	SMI	SHOULDER RECONSTRUCTION
17,259	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/4")
17,259	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (6")
7,885	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 4-1/2")
3,854	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
34,036	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,991	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
560	TON	PATCHING EXISTING PAVEMENT
8,550	TON	GENERIC PAVING ITEM ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)
3	EA	WHEELCHAIR RAMPS
120	SY	6" CONCRETE DRIVEWAY
10	EA	ADJUSTMENT OF MANHOLES
4	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
98,321	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
86,382	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
182	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
13	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
183,989	LF	PAINT PAVEMENT MARKING LINES (4")

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L031216 005

CONTRACT ID : C200797 34365.3.42

DIV OFFICE DURHAM

LENGTH = 2.861 KM

COUNTY : WAKE

GRADING, DRAINAGE, PAVING & STRUCTURES.

DBE GOAL 10.0% COMPLETION DATE : MAY 15 2007

I-540 (NORTHERN WAKE EXPRESSWAY) FROM NC-55 WEST OF MORRISVILLE TO RTP EAST LIMITS.

ROADWAY ITEMS

			94.8	M	450MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
			66	M	600MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
			26	EA	400MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
			10	EA	450MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
			9.6	M	***MM WELDED STEEL PIPE, ***MM THICK, GRADE **** (600MM, 6MM, B)
			22.8	M	****MM WELDED STEEL PIPE, ****MM THICK, GRADE B, INSTALLED BY BORING & JACKING (600MM, 6MM)
			1	EA	GENERIC PIPE ITEM 1200MM X 600MM RC PIPE TAPERED INLET
			1	EA	GENERIC PIPE ITEM 1500MM X 900MM RC PIPE TAPERED INLET
			231.2	M	PIPE REMOVAL
			Lump Sum	LS	FINE GRADING
			120	KG	SEALING EXISTING PAVEMENT CRACKS
			66,850	M2	LIME TREATED SOIL (SLURRY METHOD)
			740	MTN	LIME FOR LIME TREATED SOIL
			2,000	MTN	STABILIZER AGGREGATE
			31,800	MTN	AGGREGATE BASE COURSE
			66,850	M2	***MM SOIL CEMENT BASE (180MM)
			2,010	MTN	PORTLAND CEMENT FOR SOIL CEMENT BASE
			925	MTN	AGGREGATE FOR SOIL CEMENT BASE
			90,950	L	ASPHALT CURING SEAL
			75	MTN	INCIDENTAL STONE BASE
			15,100	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B
			1,450	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C
			3,850	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
			12,400	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
			8,750	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
			11,900	MTN	ASPHALT CONC SURFACE COURSE, TYPE S12.5C
			2,045	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
			655	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
			145	MTN	ASPHALT PLANT MIX PAVEMENT REPAIR
			62,300	M2	***MM PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS) (340MM)
			3,450	M2	***MM PORT CEM CONC PAVEMENT, RAMPS (WITH DOWELS) (340MM)
			13,000	M2	***MM PORT CEM CONC PAVEMENT, MISCELLANEOUS (WITHOUT DOWELS) (340MM)
			Lump Sum	LS	SURFACE TESTING CONCRETE PAVEMENT
			Lump Sum	LS	FIELD LABORATORY RENTAL, PORT CEM CONC PAVEMENT
			127	EA	RIGHT OF WAY MARKERS
			216	M3	SUBDRAIN EXCAVATION
			108	M3	SUBDRAIN FINE AGGREGATE
			260	M	150MM PERFORATED SUBDRAIN PIPE
			27	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS
			2	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
			4	M	150MM OUTLET PIPE (SUBDRAINS)
			4,725	M	SHOULDER DRAIN
			4,725	M	100MM SHOULDER DRAIN PIPE
			140	M	100MM OUTLET PIPE (SHOULDER DRAINS)
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	CLEARING & GRUBBING ... HECTARE(S)			
2	HA	SUPPLEMENTARY CLEARING & GRUBBING			
2	EA	SEALING ABANDONED WELLS			
290,500	M3	UNCLASSIFIED EXCAVATION			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (19+51.883 LT)			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (19+51.883 RT)			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (25+51.408 LT)			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (25+51.408 RT)			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (28+55.867 LT)			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (28+55.867 RT)			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (36+01.949 LT)			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (36+01.949 RT)			
4,350	M3	UNDERCUT EXCAVATION			
1,000	MTN	CLASS IV SUBGRADE STABILIZATION			
1,242,500	M3	BORROW EXCAVATION			
2	EA	EMBANKMENT SETTLEMENT GAUGES			
11,850	M3	DRAINAGE DITCH EXCAVATION			
365	M	BERM DITCH CONSTRUCTION			
8,950	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT			
36	HR	PROOF ROLLING			
3,000	M3	SELECT GRANULAR MATERIAL			
3,000	M2	FABRIC FOR SOIL STABILIZATION			
425	MTN	SELECT MATERIAL, CLASS II			
3,115	MTN	SELECT MATERIAL, CLASS III			
1,262	MTN	FOUNDATION CONDITIONING MATERIAL, MINOR STRS			
33.6	M	375MM SIDE DRAIN PIPE			
1,458	M	375MM RC PIPE CULVERTS, CLASS III			
1,174.8	M	450MM RC PIPE CULVERTS, CLASS III			
168	M	600MM RC PIPE CULVERTS, CLASS III			
121.2	M	750MM RC PIPE CULVERTS, CLASS III			
87.6	M	900MM RC PIPE CULVERTS, CLASS III			
32.4	M	1350MM RC PIPE CULVERTS, CLASS III			
97.2	M	****MM RC PIPE CULVERTS, CLASS IV (1050MM)			
118.8	M	****MM RC PIPE CULVERTS, CLASS IV (1650MM)			
157.2	M	****MM RC PIPE CULVERTS, CLASS IV (750MM)			
85.2	M	****MM RC PIPE CULVERTS, CLASS IV (900MM)			
14.4	M	600MM CS PIPE CULVERTS, 1.63MM THICK			
264	M	400MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK			

2,106.4 M3 CLASS A CONCRETE (CULVERT)
 152,291 KG REINFORCING STEEL (CULVERT)

460	MTN	STONE FOR EROSION CONTROL, CLASS A
12,270	MTN	STONE FOR EROSION CONTROL, CLASS B
4,780	MTN	SEDIMENT CONTROL STONE
49	HA	TEMPORARY MULCHING
3,525	KG	SEED FOR TEMPORARY SEEDING
28.25	MTN	FERTILIZER FOR TEMPORARY SEEDING
380	M	TEMPORARY SLOPE DRAINS
28	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
42,270	M3	SILT EXCAVATION
2,865	M2	SYNTHETIC ROVING
10,270	M2	MATTING FOR EROSION CONTROL
10	M2	PERMANENT SOIL REINFORCEMENT MAT
535	M	6.4MM HARDWARE CLOTH
1	EA	***X***X***MM PERFORATED CS PIPE TEE RISER, 1.63MM THICK (600MM X 600MM X 600MM)
800	M3	STILLING BASINS
83.5	HA	SEEDING & MULCHING
25.5	HA	MOWING
550	KG	SEED FOR REPAIR SEEDING
2	MTN	FERTILIZER FOR REPAIR SEEDING
2,350	KG	SEED FOR SUPPLEMENTAL SEEDING
140.25	MTN	FERTILIZER TOPDRESSING
0.6	HA	SPECIALIZED SEEDING UNDER GUIDERAIL & GUARDRAIL (CENTIPEDE)
40	M	IMPERVIOUS DIKE
33	HR	SPECIALIZED HAND MOWING
16	EA	RESPONSE FOR EROSION CONTROL
2,000	M3	CULVERT DIVERSION CHANNEL
1	HA	REFORESTATION
690	M	SIGNAL CABLE
9	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)
835	M	TRACER WIRE
1,030	M	TRENCHING (UNPAVED)
390	M	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, 31.75MM (** CONDUIT) (2)
16	EA	JUNCTION BOX (STANDARD SIZE)
9	EA	JUNCTION BOX (OVER-SIZED)
380	M	INDUCTIVE LOOP SAWCUT
630	M	LEAD-IN CABLE
911	M	COMMUNICATIONS CABLE (**FIBER) (12)
888	M	COMMUNICATIONS CABLE (**FIBER) (24)
2	EA	INTERCONNECT CENTER
2	EA	FIBER-OPTIC TRANSCEIVER
9	EA	DELINEATOR MARKER
3	EA	SIGNAL SUPPORT MAST ARM WITH METAL POLE
3	EA	METAL SIGNAL POLE FOUNDATION
1	EA	SIGNAL PEDESTAL WITH FOUNDATION
4	EA	SIGN FOR SIGNALS
2	EA	SIGNAL CABINET FOUNDATION
2	EA	CABINET BASE ADAPTER
2	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
6	EA	GENERIC SIGNAL ITEM DETECTOR CARD (TYPE 2070L)
2	EA	GENERIC SIGNAL ITEM FOUNDATION W/ WING WALL (TYPE 2)
3	EA	GENERIC SIGNAL ITEM SOIL TEST
10	M	GENERIC SIGNAL ITEM DRILLED PIER FOUNDATION, (1067MM DIA)
5	M	GENERIC SIGNAL ITEM DRILLED PIER FOUNDATION, (1220MM DIA)

STRUCTURE ITEMS

Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 19+51.883 -L- LT LN)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 28+55.867 -L- LT LN)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 28+55.867 -L- RT LN)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 36+01.949 -L- LT LN)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 36+01.949 -L- RT LN)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,19+51.883 -L- RT LN)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 25+51.408 -L- LT LN)
19.4	M	****MM DIA DRILLED PIERS IN SOIL (1066MM)
28.5	M	****MM DIA DRILLED PIERS NOT IN SOIL (1066MM)
2	EA	CROSSHOLE SONIC LOGGING
213	M	CSL TUBES
12,067.1	M2	REINFORCED CONCRETE DECK SLAB
11,875.7	M2	GROOVING BRIDGE FLOORS
1,868.7	M3	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (19+51.883 -L- LT LN)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (19+51.883 -L- RT LN)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (25+51.408 -L- LT LN)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (25+51.408 -L- RT LN)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (28+55.867 -L- LT LN)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (28+55.867 -L- RT LN)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (36+01.949 -L- LT LN)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (36+01.949 -L- RT LN)
167,284	KG	REINFORCING STEEL (BRIDGE)
13,866	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
1,228.618	M	1372MM PRESTRESSED CONCRETE GIRDERS
880.8	M	MODIFIED 1600MM PRESTRESSED CONC GIRDERS
1,935.708	M	MODIFIED 1829MM PRESTRESSED CONC GIRDERS
2,636.5	M	HP310X79 STEEL PILES
1,025.378	M	CONCRETE BARRIER RAIL
8,462.2	M2	100MM SLOPE PROTECTION
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM, STA ***** (25+51.408 -L- LT LN)
Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM, STA ***** (25+51.408 -L- RT LN)
176	M	GENERIC STRUCTURE ITEM PILE EXCAVATION IN SOIL
20	M	GENERIC STRUCTURE ITEM PILE EXCAVATION NOT IN SOIL

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (26+74.500-L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (35+14.000 -L-)
993	MTN	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L031216 006

CONTRACT ID : C200798 34365.3.43

DIV OFFICE DURHAM

LENGTH = 3.640 KM

COUNTY : DURHAM, WAKE

WIDENING, GRADING, DRAINAGE, PAVING, SIGNALS & STRUCTURES.

DBE GOAL 10.0% COMPLETION DATE : AUG 01 2007

I-540 (NORTHERN WAKE EXPRESSWAY) FROM RTP EAST LIMITS TO SOUTHWEST OF I-40.

ROADWAY ITEMS

			25.2	M	1500MM RC PIPE CULVERTS, CLASS III
			172.8	M	****MM RC PIPE CULVERTS, CLASS IV (450MM)
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	GENERIC MISCELLANEOUS ITEM CRITICAL PATH METHOD SCHEDULE	277.2	M	****MM RC PIPE CULVERTS, CLASS IV (600MM)
Lump Sum	LS	CLEARING & GRUBBING ... HEC-TARE(S)	288	M	****MM RC PIPE CULVERTS, CLASS IV (750MM)
2	HA	SUPPLEMENTARY CLEARING & GRUBBING			
1	EA	SEALING ABANDONED WELLS	387.6	M	****MM RC PIPE CULVERTS, CLASS IV (900MM)
1,390,000	M3	UNCLASSIFIED EXCAVATION			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (14+03.129 -YRPB-)	49.2	M	***MM CS PIPE CULVERTS, ****MM THICK (1000MM, 2.77MM THICK)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (14+81.463 -YCFLY-)	19.2	M	***MM CS PIPE CULVERTS, ****MM THICK (1200MM, 2.77MM THICK)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+47.307 -YBFLY-)	15.6	M	***MM CS PIPE CULVERTS, ****MM THICK (900MM, 2.01MM THICK)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (19+30.980 -YCFLY-)	9.6	M	600MM CS PIPE CULVERTS, 1.63MM THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (20+56.309 -YBFLY-)	2	EA	***MM CS PIPE ELBOWS, ****MM THICK (1000MM, 2.77MM THICK)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (22+45.990 -YCFLY-)	783.6	M	400MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (44+57.542 -L- LT.)	75.6	M	450MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (44+58.849 -L- RT.)	25.2	M	600MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (64+06.300 -L- LT.)	32.4	M	800MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (64+10.300 -L- RT.)	21.6	M	1200MM BIT COAT CS PIPE CULVERTS, TYPE B 2.77MM THICK
Lump Sum	LS	UNDERCUT EXCAVATION	38	EA	400MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
9,500	M3	CLASS IV SUBGRADE STABILIZATION	2	EA	450MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
2,000	MTN	BORROW EXCAVATION	2	EA	600MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
1,172,000	M3	DRAINAGE DITCH EXCAVATION	300	M	PIPE REMOVAL
3,021	M3	BERM DITCH CONSTRUCTION	Lump Sum	LS	FINE GRADING
13,300	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT	90,200	M2	LIME TREATED SOIL (SLURRY METHOD)
41	HR	PROOF ROLLING	995	MTN	LIME FOR LIME TREATED SOIL
5,000	M3	SELECT GRANULAR MATERIAL	45	M3	#57 STONE
5,000	M2	FABRIC FOR SOIL STABILIZATION	1,000	MTN	STABILIZER AGGREGATE
210	M2	TEMPORARY SHORING	65,500	MTN	AGGREGATE BASE COURSE
108	M2	TEMPORARY SHORING - BARRIER SUPPORTED	135,500	M2	***MM SOIL CEMENT BASE (180MM)
600	M2	GENERIC GRADING ITEM	4,075	MTN	PORTLAND CEMENT FOR SOIL CEMENT BASE
8,200	MTN	ROCK PLATING	1,830	MTN	AGGREGATE FOR SOIL CEMENT BASE
1,475	MTN	SELECT MATERIAL, CLASS II	153,500	L	ASPHALT CURING SEAL
2,000	MTN	SELECT MATERIAL, CLASS III	100	MTN	INCIDENTAL STONE BASE
2,450	MTN	SELECT MATERIAL, CLASS IV	32,600	L	PRIME COAT
14.4	M	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	35,200	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B
14.4	M	375MM SIDE DRAIN PIPE	20,900	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
2,720.4	M	450MM SIDE DRAIN PIPE	7,585	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
1,051.2	M	375MM RC PIPE CULVERTS, CLASS III	27,800	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,071.6	M	450MM RC PIPE CULVERTS, CLASS III	4,500	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
297.6	M	600MM RC PIPE CULVERTS, CLASS III	4,660	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
50.4	M	750MM RC PIPE CULVERTS, CLASS III	293	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
186	M	900MM RC PIPE CULVERTS, CLASS III	160	MTN	ASPHALT PLANT MIX PAVEMENT REPAIR
55.2	M	1050MM RC PIPE CULVERTS, CLASS III	141,250	M2	***MM PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS) (340MM)
		1200MM RC PIPE CULVERTS, CLASS III	3,520	M2	***MM PORT CEM CONC PAVEMENT, MISCELLANEOUS (WITHOUT DOWELS) (340MM)

			10,000	M	WOVEN WIRE FENCE, 1200MM FABRIC
			2,200	EA	100MM TIMBER FENCE POSTS, 2.30M LONG
			435	EA	125MM TIMBER FENCE POSTS, 2.50M LONG
Lump Sum	LS	SURFACE TESTING CONCRETE PAVEMENT			
Lump Sum	LS	FIELD LABORATORY RENTAL, PORT CEM CONC PAVEMENT			
106	EA	RIGHT OF WAY MARKERS	300	M	ADDITIONAL BARBED WIRE
1,175	M3	SUBDRAIN EXCAVATION	120	M	RELAPPING GUARDRAIL
590	M3	SUBDRAIN FINE AGGREGATE	950	MTN	PLAIN RIP RAP, CLASS I
1,400	M	150MM PERFORATED SUBDRAIN PIPE	245	MTN	PLAIN RIP RAP, CLASS II
140	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS	1,000	MTN	PLAIN RIP RAP, CLASS A
10	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	1,900	MTN	PLAIN RIP RAP, CLASS B
20	M	150MM OUTLET PIPE (SUBDRAINS)	9,650	M2	FILTER FABRIC FOR DRAINAGE
9,700	M	SHOULDER DRAIN	6	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
9,700	M	100MM SHOULDER DRAIN PIPE	390	MTN	GENERIC EROSION CONTROL ITEM BOULDERS
525	M	100MM OUTLET PIPE (SHOULDER DRAINS)	2	EA	GENERIC EROSION CONTROL ITEM PERMANENT RISER
15	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET	1	M3	PLAIN CONCRETE SIGN FOOTINGS
10	MTN	BLOTTING SAND	306	KG	SUPPORTS, BREAKAWAY STEEL BEAM
10	M3	ENDWALLS	694	M	SUPPORTS, 4.5KG STEEL U-CHANNEL
5	M3	REINFORCED ENDWALLS	22	EA	SUPPORTS, 3KG STEEL U-CHANNEL
12	M3	PIPE COLLARS	5	EA	SIGN ERECTION, TYPE D
2	M3	PIPE PLUGS	70	EA	SIGN ERECTION, TYPE E
40	M3	FLOWABLE FILL	23	EA	SIGN ERECTION, TYPE F
200	EA	MASONRY DRAINAGE STRUCTURES	5	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
57	M	MASONRY DRAINAGE STRUCTURES	22	EA	SIGN ERECTION, MILEMARKERS
4	EA	FRAME WITH GRATE, DETAIL 840.***** (840.D11)	5	EA	RELOCATE SIGN, TYPE ***** (D)
37	EA	FRAME WITH TWO GRATES, STD 840.***** (840.20)	2	EA	RELOCATE SIGN, TYPE ***** (E)
12	EA	FRAME WITH TWO GRATES, STD 840.16	14	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
77	EA	FRAME WITH TWO GRATES, STD 840.22	5	EA	DISPOSAL OF SUPPORT, U-CHANNEL
12	EA	FRAME WITH TWO GRATES, STD 840.24	Lump Sum	LS	DYNAMIC MESSAGE SIGN SYSTEM INTEGRATION
6	EA	FRAME WITH TWO GRATES, STD 840.29	Lump Sum	LS	DYNAMIC MESSAGE SIGN MAINTENANCE TRAINING
7	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	Lump Sum	LS	DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS
14	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	Lump Sum	LS	DYNAMIC MESSAGE SIGN SYSTEM OPERATIONAL FACTORY TESTS
9	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	Lump Sum	LS	DYNAMIC MESSAGE SIGN SYSTEM OPERATIONAL FIELD TESTS
5	EA	FRAME WITH COVER, STD 840.54	Lump Sum	LS	DYNAMIC MESSAGE SIGN BENCH TEST UNIT
16	EA	CONCRETE APRON FOR DROP INLETS	Lump Sum	LS	DYNAMIC MESSAGE SIGN NTCIP TESTS
2,135	M	750MM CONCRETE CURB & GUTTER	Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DMS-2
1,635	M	SHOULDER BERM GUTTER	Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DMS-3
800	M	CONCRETE EXPRESSWAY GUTTER	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "D"
119	M2	100MM CONCRETE SIDEWALK	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "F"
12	M2	CONCRETE WHEELCHAIR RAMPS	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "I"
400	M2	100MM CONCRETE PAVED DITCH	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "J"
60	M2	75MM CONCRETE ISLAND COVERS	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "K"
3,960	M2	125MM MONOLITHIC CONCRETE ISLANDS (KEYED IN)	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD DMS ASSEMBLY "DMS-2" & "DMS-3"
255	M	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "D"
4	EA	ADJUSTMENT OF MANHOLES	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "E"
3	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "F"
3	EA	IMPACT ATTENUATOR UNIT, TYPE 350	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "G"
6,576.06	M	STEEL BM GUARDRAIL	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "H"
15.24	M	STEEL BM GUARDRAIL, SHOP CURVED	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "I"
3	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "J"
10	EA	ADDITIONAL GUARDRAIL POSTS	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "K"
9	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (BP-77)	Lump Sum	LS	GENERIC SIGNING ITEM STATIC LIGHTING FOR OVERHEAD SIGN ASSEMBLY "DMS-2" & "DMS-3" EBL
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1			
20	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1			
34	EA	GUARDRAIL ANCHOR UNITS, TYPE III			
25	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
4	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350			
360	M	REMOVE & STOCKPILE EXISTING GUARDRAIL			
3,400	M	DOUBLE FACED CABLE GUIDERAIL			
18	EA	CABLE GUIDERAIL ANCHOR UNITS			

				2	EA	BREAK DOWN, PLUG, & FILL ABANDONED UTILITY MANHOLE
				1	EA	BREAK DOWN & REBUILD EXISTING MANHOLE
Lump Sum	LS	GENERIC SIGNING ITEM STATIC LIGHTING FOR OVERHEAD SIGN ASSEMBLY "DMS-2" & DMS-3" WBL		568	M	****MM STEEL ENCASEMENT PIPE, ****MM THICK, BY OPEN CUT (600MM, 6.35MM)
Lump Sum	LS	GENERIC SIGNING ITEM STATIC LIGHTING FOR OVERHEAD SIGN ASSEMBLY "G"		4	EA	GENERIC UTILITY ITEM REMOVE AND STOCKPILE EXISTING FIRE HYDRANT
Lump Sum	LS	GENERIC SIGNING ITEM STATIC LIGHTING FOR OVERHEAD SIGN ASSEMBLY "H"		54	M3	GENERIC UTILITY ITEM INSTALL CLASS I RIP-RAP BANK STABILIZATION
	30	M2	WORK ZONE SIGNS (STATIONARY)	6,200	M	TEMPORARY SILT FENCE
	51	M2	WORK ZONE SIGNS (PORTABLE)	1,000	MTN	STONE FOR EROSION CONTROL, CLASS A
	13	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)	24,000	MTN	STONE FOR EROSION CONTROL, CLASS B
	200	EA	DRUMS	12,000	MTN	SEDIMENT CONTROL STONE
	20	EA	CONES	92	HA	TEMPORARY MULCHING
	124	M	BARRICADES (TYPE III)	5,000	KG	SEED FOR TEMPORARY SEEDING
	360	MD	FLAGGER	40.25	MTN	FERTILIZER FOR TEMPORARY SEED- ING
	2	EA	TEMPORARY CRASH CUSHIONS	1,200	M	TEMPORARY SLOPE DRAINS
	2	EA	TRUCK MOUNTED IMPACT ATTENUA- TOR (60 MPH)	65	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
	70	M	PORTABLE CONCRETE BARRIER	215,000	M3	SILT EXCAVATION
	49	EA	TUBULAR MARKERS (FIXED)	3,700	M2	SYNTHETIC ROVING
19,399	M	GENERIC TRAFFIC CONTROL ITEM POLYUREA PAVEMENT MARKING LINES (150MM)		17,000	M2	MATTING FOR EROSION CONTROL
1,940	M	GENERIC TRAFFIC CONTROL ITEM POLYUREA PAVEMENT MARKING LINES (300MM)		3,100	M2	PERMANENT SOIL REINFORCEMENT MAT
	6	EA	GENERIC TRAFFIC CONTROL ITEM POLYUREA MARKING SYMBOLS	700	M	6.4MM HARDWARE CLOTH
	192	EA	TEMPORARY RAISED PAVEMENT MARKERS	1	EA	***X***X***MM PERFORATED CS PIPE TEE RISER, 1.63MM THICK (600MM X 600MM X 600MM)
17,051	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)		1	EA	***X***X***MM PERFORATED CS PIPE TEE RISER, 2.01MM THICK (900MM X 900MM X 900MM)
4,165	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)		1	EA	***X***X***MM PERFORATED CS P IPE TEE RISER, 2.77MM THICK (1200MM X 1200MM X 1200MM)
	582	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)	3,630	M3	STILLING BASINS
	82	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)	119	HA	SEEDING & MULCHING
	8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)	50	HA	MOWING
	55	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)	1,100	KG	SEED FOR REPAIR SEEDING
28,096	M	PAINT PAVEMENT MARKING LINES (100MM)		3.75	MTN	FERTILIZER FOR REPAIR SEEDING
	600	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)	3,350	KG	SEED FOR SUPPLEMENTAL SEEDING
	645	EA	PERMANENT RAISED PAVEMENT MARKERS	199.75	MTN	FERTILIZER TOPDRESSING
1,138	EA	SNOWFLOWABLE RAISED PAVEMENT MARKERS		1.3	HA	SPECIALIZED SEEDING UNDER GUIDERAIL & GUARDRAIL (CENTI- PEDE)
	41	MTN	FOUNDATION CONDITIONING MATE- RIAL, UTILITIES CLASS ***** (VI)	140	M	IMPERVIOUS DIKE
	41	MTN	BEDDING MATERIAL, UTILITIES CLASS ***** (IV)	70	HR	SPECIALIZED HAND MOWING
	6	M3	CLASS B CONCRETE FOR ENCASING UTILITY LINES	40	EA	RESPONSE FOR EROSION CONTROL
	56	M	150MM DI WATER PIPE, PC 2.41MPA	2,000	M3	CULVERT DIVERSION CHANNEL
	322	M	400MM DI WATER PIPE, PC ***MPA (1.72MPA)	2.5	HA	REFORESTATION
1,364	KG	DUCTILE IRON WATER PIPE FIT- TINGS, 1.72MPA MIN WP		1.43	HA	STREAMBANK REFORESTATION
	2	EA	150MM GATE VALVE & VALVE BOX, 1.38MPA WP	700	M2	GENERIC EROSION CONTROL ITEM COIR FIBER MAT
	2	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ****MPA WP (400MM X 150MM, 1.38MPA)	470	M	SIGNAL CABLE
	2	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ****MPA WP (400MM X 400MM, 1.38MPA)	15	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)
	2	EA	***MM BLOW OFF ASSEMBLY (50MM)	4	EA	VEHICLE SIGNAL HEAD (300MM, 5 SECTION)
	4	EA	RELOCATE EXISTING FIRE HYDRANT	10	EA	MODIFY EXISTING VEHICLE SIGNAL HEAD
	2	EA	***MM LINE STOP ASSEMBLY (400MM)	888	M	MESSENGER CABLE (6.35MM)
	360	M	***MM DI SEWER PIPE, PC ***MPA (600MM, 2.41MPA)	35	M	MESSENGER CABLE (9.52MM)
	4	EA	1500MM DIA PRECAST CONC SEWER MANHOLE 0-1.8M DEPTH	7,718	M	TRACER WIRE
	26	M	PRECAST CONC MANHOLE WALL, ****MM DIA, OVER 1.8M HT (1500MM)	135	M	TRENCHING (UNPAVED)
445	M	FILL OR REMOVE ABANDONED 300MM PIPE, ***** (PVC SEWER)		574	M	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, 31.75MM (** CONDUIT) (2)
312	M	FILL OR REMOVE ABANDONED 400MM PIPE, ***** (DI WATER)		1,034	M	DIRECTIONAL DRILL OUTER-DUCT CONDUIT, 125MM
				5,767	M	TRENCH MULTI-DUCT, 31.75MM (** CONDUIT) (4)
				1,034	M	MULTI-DUCT, 31.75MM IN OUTER- DUCT (** CONDUIT) (4)
				9	EA	JUNCTION BOX (STANDARD SIZE)
				2	EA	WOOD POLE
				7	EA	GUY ASSEMBLY
				7	EA	50MM RISER WITH HEAT SHRINK TUBING
				740	M	INDUCTIVE LOOP SAWCUT
				310	M	LEAD-IN CABLE
				1,855	M	COMMUNICATIONS CABLE (**FIBER) (12)
				7,318	M	COMMUNICATIONS CABLE (**FIBER) (72)
				282	M	DROP CABLE
				5	EA	AERIAL SPLICE ENCLOSURE
				9	EA	INTERCONNECT CENTER

			Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 22+90.190 -YCFLY-)
			Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 30+74.741 -Y-)
2	EA	FIBER-OPTIC TRANSCEIVER			
53	EA	DELINEATOR MARKER			
1	EA	FURNISH FIBER-OPTIC TRANSCEIVER			
7	EA	SIGNAL SUPPORT MAST ARM WITH METAL POLE			
7	EA	METAL SIGNAL POLE FOUNDATION			
1	EA	MAST ARM WITH METAL POLE DESIGN			
12	EA	SIGN FOR SIGNALS			
2	EA	SIGNAL CABINET FOUNDATION			
2	EA	CONTROLLER WITH CABINET (TYPE 170E, BASE MOUNTED)			
3	EA	GENERIC SIGNAL ITEM CCTV ASSEMBLY			
3	EA	GENERIC SIGNAL ITEM CCTV METAL POLE			
11	EA	GENERIC SIGNAL ITEM DETECTOR CARD (TYPE 170)	48.5	M	****MM DIA DRILLED PIERS IN SOIL (1066MM)
6	EA	GENERIC SIGNAL ITEM FIBER OPTIC DATA TRANSCEIVER (FOT)	45.8	M	****MM DIA DRILLED PIERS IN SOIL (1372MM)
6	EA	GENERIC SIGNAL ITEM FOUNDATION W/ WING WALL (TYPE 2)	19	M	****MM DIA DRILLED PIERS NOT IN SOIL (1066MM)
1	EA	GENERIC SIGNAL ITEM FURNISH FIBER OPTIC DATA TRANSCEIVER (FOT)	31	M	****MM DIA DRILLED PIERS NOT IN SOIL (1372MM)
1	EA	GENERIC SIGNAL ITEM FURNISH VIDEO OPTICAL TRANSMITTER (VOT-D)	5	EA	CROSSHOLE SONIC LOGGING
1	EA	GENERIC SIGNAL ITEM FURNISH VIDEO OPTICAL RECEIVER (VOR-D)	704.2	M	CSL TUBES
1	EA	GENERIC SIGNAL ITEM JUNCTION BOX (OVER-SIZED)	16,273.2	M2	REINFORCED CONCRETE DECK SLAB
51	EA	GENERIC SIGNAL ITEM SOIL TEST	15,067.2	M2	GROOVING BRIDGE FLOORS
7	EA	GENERIC SIGNAL ITEM VIDEO OPTICAL RECEIVER (VOR-D)	1,112.4	M3	CLASS AA CONCRETE (BRIDGE)
3	EA	GENERIC SIGNAL ITEM VIDEO OPTICAL TRANSMITTER (VOT-D)	1,700.5	M3	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	GENERIC SIGNAL ITEM CCTV SYSTEM INTEGRATION			BRIDGE APPROACH SLABS, STATION ***** (14+04.478 -YRPB-)
15	M	GENERIC SIGNAL ITEM DRILLED PIER FOUNDATION (1067MM DIAMETER)			BRIDGE APPROACH SLABS, STATION ***** (14+79.055 -YCFLY-)
15	M	GENERIC SIGNAL ITEM DRILLED PIER FOUNDATION (1220MM DIAMETER)			BRIDGE APPROACH SLABS, STATION ***** (19+24.230 -YCFLY-)

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (13+40.000 -Y19REV-)			BRIDGE APPROACH SLABS, STATION ***** (22+90.190 -YCFLY-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (13+40.000 -Y19REV-)			BRIDGE APPROACH SLABS, STATION ***** (30+74.741 -Y-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (15+60.000 -YCFLY-)			BRIDGE APPROACH SLABS, STATION ***** (44+57.995 -L- LT LN)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (15+67.000 -YBFLY-)	283,816	KG	REINFORCING STEEL (BRIDGE)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (23+97.000 -YCFLY-)	12,577	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (45+26.000 -L-)	1,231,955	M	MODIFIED 1600MM PRESTRESSED CONC GIRDBERS
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (54+80.000 -L-)	2,621,630	LS	APPROX KG STRUCTURAL STEEL
2,950	MTN	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT	3,843.5	M	HP310X79 STEEL PILES
7,133.9	M3	CLASS A CONCRETE (CULVERT)	128	M	HP360X108 STEEL PILES
546,550	KG	REINFORCING STEEL (CULVERT)	24	EA	STEEL PILE POINTS
130	MTN	PLAIN RIP RAP, CLASS ** (I)	2,021,458	M	CONCRETE BARRIER RAIL
134	M2	FILTER FABRIC FOR DRAINAGE	6,015	M2	100MM SLOPE PROTECTION

STRUCTURE ITEMS

Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 14+04.478 -YRPB-)			POT BEARINGS
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 19+24.230 -YCFLY-)			ELASTOMERIC BEARINGS

			Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 22+90.190 -YCFLY-)
			Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 30+74.741 -Y-)
			Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 46+63.359 -L-)
			Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 22+90.190 -YCFLY-)
			Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 30+74.741 -Y-)
			Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 46+63.359 -L-)
			Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (3, 22+90.190 -YCFLY-)
					****MM DIA DRILLED PIERS IN SOIL (1066MM)
					****MM DIA DRILLED PIERS IN SOIL (1372MM)
					****MM DIA DRILLED PIERS NOT IN SOIL (1066MM)
					****MM DIA DRILLED PIERS NOT IN SOIL (1372MM)
					CROSSHOLE SONIC LOGGING
					CSL TUBES
					REINFORCED CONCRETE DECK SLAB
					GROOVING BRIDGE FLOORS
					CLASS AA CONCRETE (BRIDGE)
					CLASS A CONCRETE (BRIDGE)
					BRIDGE APPROACH SLABS, STATION ***** (14+04.478 -YRPB-)
					BRIDGE APPROACH SLABS, STATION ***** (14+79.055 -YCFLY-)
					BRIDGE APPROACH SLABS, STATION ***** (19+24.230 -YCFLY-)
					BRIDGE APPROACH SLABS, STATION ***** (22+90.190 -YCFLY-)
					BRIDGE APPROACH SLABS, STATION ***** (30+74.741 -Y-)
					BRIDGE APPROACH SLABS, STATION ***** (44+57.995 -L- LT LN)
					BRIDGE APPROACH SLABS, STATION ***** (44+57.995 -L- RT LN)
					BRIDGE APPROACH SLABS, STATION ***** (46+63.359 -L-)
					BRIDGE APPROACH SLABS, STATION ***** (64+45.173 -L- LT LN)
					BRIDGE APPROACH SLABS, STATION ***** (64+45.173 -L- RT LN)
					REINFORCING STEEL (BRIDGE)
					SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
					MODIFIED 1600MM PRESTRESSED CONC GIRDBERS
					APPROX KG STRUCTURAL STEEL
					HP310X79 STEEL PILES
					HP360X108 STEEL PILES
					STEEL PILE POINTS
					CONCRETE BARRIER RAIL
					100MM SLOPE PROTECTION
					POT BEARINGS
					ELASTOMERIC BEARINGS
					EVAZOTE JOINT SEALS
					EXPANSION JOINT SEALS
					MODULAR EXPANSION JOINT SEALS
					ELECTRICAL CONDUIT SYSTEM, STA ***** (64+45.173 -L- LT LN)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L031216 007

CONTRACT ID : C200799 34365.3.44

DIV OFFICE DURHAM

LENGTH = 1.706 KM

COUNTY : DURHAM, WAKE

GRADING, DRAINAGE, PAVING, SIGNING & STRUCTURES.

DBE GOAL 10.0% COMPLETION DATE : MAY 15 2007

I-540 (N WAKE EXPRESSWAY) FROM 0.9 KM SW OF I-40 TO 0.7 KM NE OF I-40.

ROADWAY ITEMS

			6,620	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B
			22,400	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C
Lump Sum	LS	MOBILIZATION	1,055	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
Lump Sum	LS	CONSTRUCTION SURVEYING	3,950	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
Lump Sum	LS	CLEARING & GRUBBING ... HECTARE(S)	7,555	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0D
0.8	HA	SUPPLEMENTARY CLEARING & GRUBBING	1,125	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5A
79,700	M3	UNCLASSIFIED EXCAVATION	2,645	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (13+79.303-Y2-)	4,120	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (83+27.998-L-)	6,425	MTN	ASPHALT CONC SURFACE COURSE, TYPE S12.5D
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (83+32.410-L-)	1,725	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
27,800	M3	UNDERCUT EXCAVATION	625	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
1,000	MTN	CLASS IV SUBGRADE STABILIZATION	355	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 76-22
325,500	M3	BORROW EXCAVATION	100	MTN	ASPHALT PLANT MIX PAVEMENT REPAIR
4,115	M3	DRAINAGE DITCH EXCAVATION	29,940	M2	***MM PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS) (340MM)
7,390	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT	5,970	M2	***MM PORT CEM CONC PAVEMENT, MISCELLANEOUS (WITHOUT DOWELS) (340MM)
910	M2	BREAKING OF EXISTING ASPHALT PAVEMENT	Lump Sum	LS	SURFACE TESTING CONCRETE PAVEMENT
30	HR	PROOF ROLLING	Lump Sum	LS	FIELD LABORATORY RENTAL, PORT CEM CONC PAVEMENT
2,000	M3	SELECT GRANULAR MATERIAL	15	EA	RIGHT OF WAY MARKERS
2,000	M2	FABRIC FOR SOIL STABILIZATION	414	M3	SUBDRAIN EXCAVATION
1,526	M3	GENERIC GRADING ITEM MODIFIED BORROW MATERIAL	207	M3	SUBDRAIN FINE AGGREGATE
786.4	MTN	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	500	M	150MM PERFORATED SUBDRAIN PIPE
550.8	M	375MM RC PIPE CULVERTS, CLASS III	50	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS
398.4	M	450MM RC PIPE CULVERTS, CLASS III	4	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
464.4	M	600MM RC PIPE CULVERTS, CLASS III	8	M	150MM OUTLET PIPE (SUBDRAINS)
248.4	M	750MM RC PIPE CULVERTS, CLASS III	4,790	M	SHOULDER DRAIN
327.6	M	900MM RC PIPE CULVERTS, CLASS III	4,790	M	100MM SHOULDER DRAIN PIPE
79.2	M	1200MM RC PIPE CULVERTS, CLASS III	240	M	100MM OUTLET PIPE (SHOULDER DRAINS)
154.8	M	300MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	11	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET
183.6	M	400MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	5	MTN	BLOTTING SAND
20	EA	300MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK	2.6	M3	ENDWALLS
15	EA	400MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK	2	M3	PIPE COLLARS
35	M	PIPE REMOVAL	1	M3	PIPE PLUGS
130	M2	150MM SLOPE PROTECTION	48	EA	MASONRY DRAINAGE STRUCTURES
Lump Sum	LS	FINE GRADING	33.98	M	MASONRY DRAINAGE STRUCTURES
31,700	M2	LIME TREATED SOIL (SLURRY METHOD)	15	EA	FRAME WITH TWO GRATES, STD 840.***** (840.20)
350	MTN	LIME FOR LIME TREATED SOIL	28	EA	FRAME WITH TWO GRATES, STD 840.22
500	MTN	STABILIZER AGGREGATE	3	EA	FRAME WITH TWO GRATES, STD 840.24
18,700	MTN	AGGREGATE BASE COURSE	2	EA	FRAME WITH TWO GRATES, STD 840.29
13,740	MTN	AGGREGATE FOR CEMENT TREATED BASE COURSE	1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
555	MTN	PORTLAND CEMENT FOR CEMENT TREATED BASE COURSE	3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
47,550	M2	***MM SOIL CEMENT BASE (180MM)	6	EA	GENERIC DRAINAGE ITEM REMOVE & REPLACE EXISTING BACK-FILL MATERIAL AT DROP INLETS
1,450	MTN	PORTLAND CEMENT FOR SOIL CEMENT BASE	580	M	750MM CONCRETE CURB & GUTTER
650	MTN	AGGREGATE FOR SOIL CEMENT BASE	685	M	SHOULDER BERM GUTTER
73,150	L	ASPHALT CURING SEAL	1	EA	MODIFIED CONCRETE FLUME
50	MTN	INCIDENTAL STONE BASE	1,290	M	CONCRETE EXPRESSWAY GUTTER
1,900	M2	MILLING ASPHALT PAVEMENT, **MM DEPTH (460MM)	390	M2	100MM CONCRETE PAVED DITCH
4,520	M2	MILLING ASPHALT PAVEMENT, *** TO ***MM DEPTH (40MM TO 70MM)			

			Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DMS-5
			Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DMS-6
70	M	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED			
2	EA	IMPACT ATTENUATOR UNIT, TYPE 350			
3,006.09	M	STEEL BM GUARDRAIL			
26.67	M	STEEL BM GUARDRAIL, SHOP CURVED			
			Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR O/H SIGN AS- SEMBLY M
2	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS			
			Lump Sum	LS	GENERIC SIGNING ITEM O/H DYNAMIC MESSAGE SIGN AS- SEMBLY DMS-4
10	EA	ADDITIONAL GUARDRAIL POSTS			
2	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (BP-77)			
			Lump Sum	LS	GENERIC SIGNING ITEM O/H DYNAMIC MESSAGE SIGN AS- SEMBLY DMS-5
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1			
			Lump Sum	LS	GENERIC SIGNING ITEM O/H DYNAMIC MESSAGE SIGN AS- SEMBLY DMS-6
14	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1			
			Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY M
10	EA	GUARDRAIL ANCHOR UNITS, TYPE III			
			Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY N
16	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
			Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY O
13	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350			
			Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY P
1,320	M	REMOVE EXISTING GUARDRAIL			
8,400	M	DOUBLE FACED CABLE GUIDERAIL			
			Lump Sum	LS	GENERIC SIGNING ITEM STATIC LIGHTING FOR O/H SIGN ASSEMBLY DMS-4
34	EA	CABLE GUIDERAIL ANCHOR UNITS			
2,450	M	WOVEN WIRE FENCE, 1200MM FAB- RIC			
			Lump Sum	LS	GENERIC SIGNING ITEM STATIC LIGHTING FOR O/H SIGN ASSEMBLY DMS-5
547	EA	100MM TIMBER FENCE POSTS, 2.30M LONG	58	M2	WORK ZONE SIGNS (STATIONARY)
			32	M2	WORK ZONE SIGNS (PORTABLE)
73	EA	125MM TIMBER FENCE POSTS, 2.50M LONG	94	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)
			2	EA	FLASHING ARROW PANELS, TYPE C
31	MTN	PLAIN RIP RAP, CLASS I			
			2	EA	CHANGEABLE MESSAGE SIGNS
16	MTN	PLAIN RIP RAP, CLASS B			
			12	EA	WARNING FLAG SETS
2,025	M2	FILTER FABRIC FOR DRAINAGE			
			150	EA	DRUMS
5	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON			
			48	M	BARRICADES (TYPE III)
2	M3	REINFORCED CONCRETE SIGN FOOT- TINGS			
			5	MD	FLAGGER
2	M3	PLAIN CONCRETE SIGN FOOTINGS			
751	KG	SUPPORTS, BREAKAWAY STEEL BEAM			
			3	EA	TEMPORARY CRASH CUSHIONS
907	KG	SUPPORTS, SIMPLE STEEL BEAM			
			2	EA	TRUCK MOUNTED IMPACT ATTENUA- TOR (60 MPH)
182	M	SUPPORTS, 4.5KG STEEL U-CHANNEL	1,110	M	PORTABLE CONCRETE BARRIER
			840	M	REMOVABLE TAPE PAVEMENT MARK- ING LINES (100MM)
7	EA	SUPPORTS, 3KG STEEL U-CHANNEL			
			35	EA	TEMPORARY RAISED PAVEMENT MARKERS
4	EA	SIGN ERECTION, TYPE D			
			3,079	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)
17	EA	SIGN ERECTION, TYPE E			
			106	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)
1	EA	SIGN ERECTION, TYPE F			
			514	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)
13	EA	SIGN ERECTION, TYPE *** (OVER- HEAD) (A)			
			8,323	M	PAINT PAVEMENT MARKING LINES (100MM)
2	EA	SIGN ERECTION, TYPE *** (OVER- HEAD) (B)			
			8,789	M	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES (150MM)
7	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)			
			368	M	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES (200MM)
7	EA	SIGN ERECTION, MILEMARKERS			
			536	M	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES (300MM)
1	EA	SIGN ERECTION, OVERLAY (OVER- HEAD)			
			148	EA	PERMANENT RAISED PAVEMENT MARKERS
2	EA	RELOCATE SIGN, TYPE ***** (A)			
			358	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS
2	EA	RELOCATE SIGN, TYPE ***** (B)			
			6	EA	30.5M HIGH MOUNT STANDARD
4	EA	DISPOSAL OF SUPPORT, STEEL BEAM			
			2	EA	36.5M HIGH MOUNT STANDARD
4	EA	DISPOSAL OF SIGN SYSTEM, OVER- HEAD			
			33.4	M3	HIGH MOUNT FOUNDATIONS
2	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM			
			36	EA	HIGH MOUNT LUMINAIRES ***** (1KW HPS)
13	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL			
			1	EA	ELECTRIC SERVICE POLES *** ***** (9.1m CLASS 4)
4	EA	DISPOSAL OF SIGN, A OR B (OVERHEAD)			
			50	M	ELECTRIC SERVICE LATERAL ***** (3 #1/0 USE)
Lump Sum	LS	DYNAMIC MESSAGE SIGN SYSTEM INTEGRATION			
			2	EA	LIGHT CONTROL EQUIPMENT, TYPE RW ***** (240/480 VOLT)
Lump Sum	LS	DYNAMIC MESSAGE SIGN MAINTEN- ANCE TRAINING			
			73	M	ELECTRICAL DUCT, TYPE BD, SIZE **** (TS2")
Lump Sum	LS	DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS			
			15	M	ELECTRICAL DUCT, TYPE BD, SIZE **** (TS3")
Lump Sum	LS	DYNAMIC MESSAGE SIGN SYSTEM OPERATIONAL FACTORY TESTS			
			172	M	ELECTRICAL DUCT, TYPE JA, SIZE **** (TS2")
Lump Sum	LS	DYNAMIC MESSAGE SIGN SYSTEM OPERATIONAL FIELD TESTS			
Lump Sum	LS	DYNAMIC MESSAGE SIGN BENCH TEST UNIT			
Lump Sum	LS	DYNAMIC MESSAGE SIGN NTCIP TESTS			
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM (DMS-4)			

			Lump Sum	LS	CULVERT EXCAVATION, STA ***** (75+75.400 -L-)
			482	MTN	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
98	M	ELECTRICAL DUCT, TYPE JA, SIZE ***** (TS3")	782.2	M3	CLASS A CONCRETE (CULVERT)
			60,875	KG	REINFORCING STEEL (CULVERT)
141	M	**#8 W/G FEEDER CIRCUIT (2)	37	MTN	PLAIN RIP RAP, CLASS ** (I)
85	M	**#6 W/G FEEDER CIRCUIT (2)	38	M2	FILTER FABRIC FOR DRAINAGE
333	M	**#4 W/G FEEDER CIRCUIT (2)			
163	M	**#2 W/G FEEDER CIRCUIT (2)			
290	M	****#8 W/G FEEDER CIRCUIT IN SIZE *** CONDUIT (2, TS1.5)			
429	M	****#6 W/G FEEDER CIRCUIT IN SIZE *** CONDUIT (2, TS1.5)			
970	M	****#4 W/G FEEDER CIRCUIT IN SIZE *** CONDUIT (2, TS1.5)			
250	M	****#2 W/G FEEDER CIRCUIT IN SIZE *** CONDUIT (2, TS1.5)			
11	EA	ELECTRICAL JUNCTION BOXES ***** (PC18)			
8	MTN	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (VI)			
8	MTN	BEDDING MATERIAL, UTILITIES CLASS ***** (IV)			
4	EA	1200MM DIA PRECAST CONC SEWER MANHOLE 0-1.8M DEPTH			
7	M	PRECAST CONC MANHOLE WALL, ****MM DIA, OVER 1.8M HT (1200MM)			
142	M	FILL OR REMOVE ABANDONED 300MM PIPE, ***** (VC SEWER)			
3	EA	BREAK DOWN, PLUG, & FILL ABANDONED UTILITY MANHOLE			
116	M	****MM STEEL ENCASEMENT PIPE, ****MM THICK, BY OPEN CUT (600MM, 6.35MM)			
125	M	****MM STEEL ENCASEMENT PIPE, ****MM THICK, BY OPEN CUT (750MM, 7.92MM)			
140	M	GENERIC UTILITY ITEM 300MM DI SEWER PIPE, PC 2.41MPA			
2,000	M	TEMPORARY SILT FENCE			
700	MTN	STONE FOR EROSION CONTROL, CLASS A			
6,000	MTN	STONE FOR EROSION CONTROL, CLASS B			
2,500	MTN	SEDIMENT CONTROL STONE			
24.5	HA	TEMPORARY MULCHING			
1,325	KG	SEED FOR TEMPORARY SEEDING			
10.75	MTN	FERTILIZER FOR TEMPORARY SEEDING			
650	M	TEMPORARY SLOPE DRAINS			
40	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS			
28,000	M3	SILT EXCAVATION			
1,700	M2	SYNTHETIC ROVING			
8,300	M2	MATting FOR EROSION CONTROL			
400	M	6.4MM HARDWARE CLOTH			
60	M	****MM TEMPORARY PIPE (450MM)			
450	M3	STILLING BASINS			
31.5	HA	SEEDING & MULCHING			
13.5	HA	MOWING			
300	KG	SEED FOR REPAIR SEEDING			
1	MTN	FERTILIZER FOR REPAIR SEEDING			
900	KG	SEED FOR SUPPLEMENTAL SEEDING			
52.75	MTN	FERTILIZER TOPDRESSING			
1.4	HA	SPECIALIZED SEEDING UNDER GUIDERAIL & GUARDRAIL (CENTIPEDE)			
100	M	IMPERVIOUS DIKE			
60	HR	SPECIALIZED HAND MOWING			
20	EA	RESPONSE FOR EROSION CONTROL			
800	M3	CULVERT DIVERSION CHANNEL			
1.5	HA	REFORESTATION			

STRUCTURE ITEMS

Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 79+16.544 -L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 79+16.544 -L-)
4,675.1	M2	REINFORCED CONCRETE DECK SLAB
4,306.4	M2	GROOVING BRIDGE FLOORS
445.2	M3	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (79+16.544 -L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (83+30.193 -L- LT LN)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (83+30.193 -L- RT LN)
43,334	KG	REINFORCING STEEL (BRIDGE)
838,550	LS	APPROX KG STRUCTURAL STEEL
872	M	HP310X79 STEEL PILES
204.663	M	TWO BAR METAL RAIL
335.776	M	CONCRETE BARRIER RAIL
209.311	M	*** X ****MM CONCRETE PARAPET (355MM X 760MM)
1,850	M2	100MM SLOPE PROTECTION
Lump Sum	LS	POT BEARINGS
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (30+20.889 -Y3-)
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FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L031216 008

CONTRACT ID : C200993 34365.3.43

DIV OFFICE DURHAM

LENGTH = 5.346 KM

COUNTY : DURHAM, WAKE

WIDENING, GRADING, DRAINAGE, PAVING, SIGNING, SIGNAL & STRS.

DBE GOAL 10.0% COMPLETION DATE : AUG 01 2007

I-540 (N WAKE EXPRESSWAY) FROM RESEARCH TRIANGLE PARK EAST LIMITS TO 0.7KM NORTHEAST OF I-40.

ROADWAY ITEMS					
			1,449.6	M	450MM RC PIPE CULVERTS, CLASS III
			1,536	M	600MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING	546	M	750MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	GENERIC MISCELLANEOUS ITEM CRITICAL PATH METHOD SCHEDULE	378	M	900MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	CLEARING & GRUBBING ... HECTARE(S)	186	M	1050MM RC PIPE CULVERTS, CLASS III
2.8	HA	SUPPLEMENTARY CLEARING & GRUBBING	134.4	M	1200MM RC PIPE CULVERTS, CLASS III
1	EA	SEALING ABANDONED WELLS	25.2	M	1500MM RC PIPE CULVERTS, CLASS III
1,469,700	M3	UNCLASSIFIED EXCAVATION			
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (13+79.303-Y2-)	172.8	M	****MM RC PIPE CULVERTS, CLASS IV (450MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (14+03.129 -YRPB-)	277.2	M	****MM RC PIPE CULVERTS, CLASS IV (600MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (14+81.463 -YCFLY-)	288	M	****MM RC PIPE CULVERTS, CLASS IV (750MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+47.307 -YBFLY-)	387.6	M	****MM RC PIPE CULVERTS, CLASS IV (900MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (19+30.980 -YCFLY-)	49.2	M	***MM CS PIPE CULVERTS, ****MM THICK (1000MM, 2.77MM THICK)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (20+56.309 -YBFLY-)	19.2	M	***MM CS PIPE CULVERTS, ****MM THICK (1200MM, 2.77MM THICK)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (22+45.990 -YCFLY-)	15.6	M	***MM CS PIPE CULVERTS, ****MM THICK (900MM, 2.01MM THICK)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (44+57.542 -L- LT.)	9.6	M	600MM CS PIPE CULVERTS, 1.63MM THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (44+58.849 -L- RT.)	2	EA	***MM CS PIPE ELBOWS, ****MM THICK (1000MM, 2.77MM THICK)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (64+06.300 -L- LT.)	154.8	M	300MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (64+10.300 -L- RT.)	967.2	M	400MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (83+27.998-L-)	75.6	M	450MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (83+27.998-L-)	25.2	M	600MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (83+32.410-L-)	32.4	M	800MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (83+32.410-L-)	21.6	M	1200MM BIT COAT CS PIPE CULVERTS, TYPE B 2.77MM THICK
37,300	M3	UNDERCUT EXCAVATION	20	EA	300MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
3,000	MTN	CLASS IV SUBGRADE STABILIZATION	53	EA	400MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
1,497,500	M3	BORROW EXCAVATION	2	EA	450MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
7,136	M3	DRAINAGE DITCH EXCAVATION			
350	M	BERM DITCH CONSTRUCTION	2	EA	600MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
20,690	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT			
910	M2	BREAKING OF EXISTING ASPHALT PAVEMENT	335	M	PIPE REMOVAL
71	HR	PROOF ROLLING	130	M2	150MM SLOPE PROTECTION
7,000	M3	SELECT GRANULAR MATERIAL	Lump Sum	LS	FINE GRADING
7,000	M2	FABRIC FOR SOIL STABILIZATION	121,900	M2	LIME TREATED SOIL (SLURRY METHOD)
210	M2	TEMPORARY SHORING	1,345	MTN	LIME FOR LIME TREATED SOIL
108	M2	TEMPORARY SHORING - BARRIER SUPPORTED	45	M3	#57 STONE
1,526	M3	GENERIC GRADING ITEM MODIFIED BORROW MATERIAL	1,500	MTN	STABILIZER AGGREGATE
600	M2	GENERIC GRADING ITEM ROCK PLATING	84,200	MTN	AGGREGATE BASE COURSE
8,200	MTN	SELECT MATERIAL, CLASS II	13,740	MTN	AGGREGATE FOR CEMENT TREATED BASE COURSE
1,475	MTN	SELECT MATERIAL, CLASS III	555	MTN	PORTLAND CEMENT FOR CEMENT TREATED BASE COURSE
2,000	MTN	SELECT MATERIAL, CLASS IV	183,050	M2	***MM SOIL CEMENT BASE (180MM)
3,236.4	MTN	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	5,525	MTN	PORTLAND CEMENT FOR SOIL CEMENT BASE
14.4	M	375MM SIDE DRAIN PIPE	2,480	MTN	AGGREGATE FOR SOIL CEMENT BASE
14.4	M	450MM SIDE DRAIN PIPE	226,650	L	ASPHALT CURING SEAL
3,271.2	M	375MM RC PIPE CULVERTS, CLASS III	150	MTN	INCIDENTAL STONE BASE
			32,600	L	PRIME COAT

			2,715	M	750MM CONCRETE CURB & GUTTER
			2,320	M	SHOULDER BERM GUTTER
			1	EA	MODIFIED CONCRETE FLUME
1,900	M2	MILLING ASPHALT PAVEMENT, **MM DEPTH (460MM)	2,090	M	CONCRETE EXPRESSWAY GUTTER
			119	M2	100MM CONCRETE SIDEWALK
4,520	M2	MILLING ASPHALT PAVEMENT, *** TO ***MM DEPTH (40MM TO 70MM)	12	M2	CONCRETE WHEELCHAIR RAMPS
			790	M2	100MM CONCRETE PAVED DITCH
41,820	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B	60	M2	75MM CONCRETE ISLAND COVERS
			3,960	M2	125MM MONOLITHIC CONCRETE ISLANDS (KEYED IN)
22,400	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C	325	M	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
21,955	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	4	EA	ADJUSTMENT OF MANHOLES
11,535	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	3	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
7,555	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0D	5	EA	IMPACT ATTENUATOR UNIT, TYPE 350
1,125	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5A	9,582.15	M	STEEL BM GUARDRAIL
30,445	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	41.91	M	STEEL BM GUARDRAIL, SHOP CURVED
8,620	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	5	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
6,425	MTN	ASPHALT CONC SURFACE COURSE, TYPE S12.5D	20	EA	ADDITIONAL GUARDRAIL POSTS
6,385	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	11	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (BP-77)
918	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	2	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
355	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 76-22	34	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
260	MTN	ASPHALT PLANT MIX PAVEMENT REPAIR	44	EA	GUARDRAIL ANCHOR UNITS, TYPE III
171,190	M2	***MM PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS) (340MM)	41	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
			17	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350
9,490	M2	***MM PORT CEM CONC PAVEMENT, MISCELLANEOUS (WITHOUT DOWELS) (340MM)	1,320	M	REMOVE EXISTING GUARDRAIL
			360	M	REMOVE & STOCKPILE EXISTING GUARDRAIL
Lump Sum	LS	SURFACE TESTING CONCRETE PAVEMENT	11,800	M	DOUBLE FACED CABLE GUIDERAIL
			52	EA	CABLE GUIDERAIL ANCHOR UNITS
Lump Sum	LS	FIELD LABORATORY RENTAL, PORT CEM CONC PAVEMENT	12,450	M	WOVEN WIRE FENCE, 1200MM FABRIC
121	EA	RIGHT OF WAY MARKERS	2,747	EA	100MM TIMBER FENCE POSTS, 2.30M LONG
1,589	M3	SUBDRAIN EXCAVATION	508	EA	125MM TIMBER FENCE POSTS, 2.50M LONG
797	M3	SUBDRAIN FINE AGGREGATE	300	M	ADDITIONAL BARBED WIRE
1,900	M	150MM PERFORATED SUBDRAIN PIPE	120	M	RELAPPING GUARDRAIL
190	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS	981	MTN	PLAIN RIP RAP, CLASS I
14	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	245	MTN	PLAIN RIP RAP, CLASS II
28	M	150MM OUTLET PIPE (SUBDRAINS)	1,000	MTN	PLAIN RIP RAP, CLASS A
14,490	M	SHOULDER DRAIN	1,916	MTN	PLAIN RIP RAP, CLASS B
14,490	M	100MM SHOULDER DRAIN PIPE	11,675	M2	FILTER FABRIC FOR DRAINAGE
765	M	100MM OUTLET PIPE (SHOULDER DRAINS)	11	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
26	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET	390	MTN	GENERIC EROSION CONTROL ITEM BOULDERS
15	MTN	BLOTTING SAND	2	EA	GENERIC EROSION CONTROL ITEM PERMANENT RISER
12.6	M3	ENDWALLS	2	M3	REINFORCED CONCRETE SIGN FOOTINGS
5	M3	REINFORCED ENDWALLS	3	M3	PLAIN CONCRETE SIGN FOOTINGS
14	M3	PIPE COLLARS	1,057	KG	SUPPORTS, BREAKAWAY STEEL BEAM
3	M3	PIPE PLUGS	907	KG	SUPPORTS, SIMPLE STEEL BEAM
40	M3	FLOWABLE FILL	876	M	SUPPORTS, 4.5KG STEEL U-CHANNEL
248	EA	MASONRY DRAINAGE STRUCTURES	29	EA	SUPPORTS, 3KG STEEL U-CHANNEL
90.98	M	MASONRY DRAINAGE STRUCTURES	9	EA	SIGN ERECTION, TYPE D
4	EA	FRAME WITH GRATE, DETAIL 840.***** (840.D11)	87	EA	SIGN ERECTION, TYPE E
52	EA	FRAME WITH TWO GRATES, STD 840.***** (840.20)	24	EA	SIGN ERECTION, TYPE F
12	EA	FRAME WITH TWO GRATES, STD 840.16	13	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (A)
105	EA	FRAME WITH TWO GRATES, STD 840.22	2	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (B)
15	EA	FRAME WITH TWO GRATES, STD 840.24	12	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
8	EA	FRAME WITH TWO GRATES, STD 840.29	29	EA	SIGN ERECTION, MILEMARKERS
7	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	1	EA	SIGN ERECTION, OVERLAY (OVERHEAD)
15	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	2	EA	RELOCATE SIGN, TYPE ***** (A)
12	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	2	EA	RELOCATE SIGN, TYPE ***** (B)
5	EA	FRAME WITH COVER, STD 840.54	5	EA	RELOCATE SIGN, TYPE ***** (D)
16	EA	CONCRETE APRON FOR DROP INLETS	2	EA	RELOCATE SIGN, TYPE ***** (E)
6	EA	GENERIC DRAINAGE ITEM REMOVE & REPLACE EXISTING BACK-FILL MATERIAL AT DROP INLETS	4	EA	DISPOSAL OF SUPPORT, STEEL BEAM
			4	EA	DISPOSAL OF SIGN SYSTEM, OVERHEAD

			Lump Sum	LS	GENERIC SIGNING ITEM STATIC LIGHTING FOR O/H SIGN ASSEMBLY DMS-4	
			Lump Sum	LS	GENERIC SIGNING ITEM STATIC LIGHTING FOR O/H SIGN ASSEMBLY DMS-5	
2	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM				
27	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL				
5	EA	DISPOSAL OF SUPPORT, U-CHANNEL				
4	EA	DISPOSAL OF SIGN, A OR B (OVERHEAD)				
Lump Sum	LS	DYNAMIC MESSAGE SIGN SYSTEM INTEGRATION		LS	GENERIC SIGNING ITEM STATIC LIGHTING FOR OVERHEAD SIGN ASSEMBLY "DMS-2" & DMS-3" WBL	
Lump Sum	LS	DYNAMIC MESSAGE SIGN MAINTENANCE TRAINING		LS	GENERIC SIGNING ITEM STATIC LIGHTING FOR OVERHEAD SIGN ASSEMBLY "G"	
Lump Sum	LS	DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS		LS	GENERIC SIGNING ITEM STATIC LIGHTING FOR OVERHEAD SIGN ASSEMBLY "H"	
Lump Sum	LS	DYNAMIC MESSAGE SIGN SYSTEM OPERATIONAL FACTORY TESTS				
Lump Sum	LS	DYNAMIC MESSAGE SIGN SYSTEM OPERATIONAL FIELD TESTS		88	M2	WORK ZONE SIGNS (STATIONARY)
Lump Sum	LS	DYNAMIC MESSAGE SIGN BENCH TEST UNIT		83	M2	WORK ZONE SIGNS (PORTABLE)
Lump Sum	LS	DYNAMIC MESSAGE SIGN NTCIP TESTS		107	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DMS-2		2	EA	FLASHING ARROW PANELS, TYPE C
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DMS-3		2	EA	CHANGEABLE MESSAGE SIGNS
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DMS-4		12	EA	WARNING FLAG SETS
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DMS-5		350	EA	DRUMS
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DMS-6		20	EA	CONES
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DMS-7		172	M	BARRICADES (TYPE III)
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DMS-8		365	MD	FLAGGER
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DMS-9		5	EA	TEMPORARY CRASH CUSHIONS
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DMS-10		4	EA	TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH)
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DMS-11		1,180	M	PORTABLE CONCRETE BARRIER
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DMS-12		49	EA	TUBULAR MARKERS (FIXED)
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DMS-13		840	M	REMOVABLE TAPE PAVEMENT MARKING LINES (100MM)
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DMS-14		227	EA	TEMPORARY RAISED PAVEMENT MARKERS
Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR O/H SIGN ASSEMBLY M		20,130	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)
Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR O/H SIGN ASSEMBLY N		4,271	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)
Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "D"		1,096	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)
Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "E"		82	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)
Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "F"		8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)
Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "G"		55	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)
Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "H"		36,419	M	PAINT PAVEMENT MARKING LINES (100MM)
Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "I"		600	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)
Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "J"		28,188	M	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES (150MM)
Lump Sum	LS	GENERIC SIGNING ITEM O/H DYNAMIC MESSAGE SIGN ASSEMBLY DMS-4		368	M	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES (200MM)
Lump Sum	LS	GENERIC SIGNING ITEM O/H DYNAMIC MESSAGE SIGN ASSEMBLY DMS-5		2,476	M	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES (300MM)
Lump Sum	LS	GENERIC SIGNING ITEM O/H DYNAMIC MESSAGE SIGN ASSEMBLY DMS-6		6	EA	GENERIC PAVEMENT MARKING ITEM POLYUREA MARKING SYMBOLS
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD DMS ASSEMBLY "DMS-2" & "DMS-3"		793	EA	PERMANENT RAISED PAVEMENT MARKERS
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "D"		1,496	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "E"		6	EA	30.5M HIGH MOUNT STANDARD
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "F"		2	EA	36.5M HIGH MOUNT STANDARD
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "G"		33.4	M3	HIGH MOUNT FOUNDATIONS
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "H"		36	EA	HIGH MOUNT LUMINAIRES ***** (1KW HPS)
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "I"		1	EA	ELECTRIC SERVICE POLES *** ***** (9.1m CLASS 4)
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "J"		50	M	ELECTRIC SERVICE LATERAL ***** (3 #1/0 USE)
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "K"		2	EA	LIGHT CONTROL EQUIPMENT, TYPE RW ***** (240/480 VOLT)
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "L"		73	M	ELECTRICAL DUCT, TYPE BD, SIZE **** (TS2")
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY M		15	M	ELECTRICAL DUCT, TYPE BD, SIZE **** (TS3")
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY N		172	M	ELECTRICAL DUCT, TYPE JA, SIZE **** (TS2")
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY O		98	M	ELECTRICAL DUCT, TYPE JA, SIZE **** (TS3")
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY P				

			14,500	MTN	SEDIMENT CONTROL STONE
			116.5	HA	TEMPORARY MULCHING
			6,325	KG	SEED FOR TEMPORARY SEEDING
141	M	**#8 W/G FEEDER CIRCUIT (2)	51	MTN	FERTILIZER FOR TEMPORARY SEEDING
85	M	**#6 W/G FEEDER CIRCUIT (2)	1,850	M	TEMPORARY SLOPE DRAINS
333	M	**#4 W/G FEEDER CIRCUIT (2)	105	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
163	M	**#2 W/G FEEDER CIRCUIT (2)	243,000	M3	SILT EXCAVATION
290	M	***#8 W/G FEEDER CIRCUIT IN SIZE *** CONDUIT (2, TS1.5)	5,400	M2	SYNTHETIC ROVING
429	M	***#6 W/G FEEDER CIRCUIT IN SIZE *** CONDUIT (2, TS1.5)	25,300	M2	MATTING FOR EROSION CONTROL
970	M	***#4 W/G FEEDER CIRCUIT IN SIZE *** CONDUIT (2, TS1.5)	3,100	M2	PERMANENT SOIL REINFORCEMENT MAT
250	M	***#2 W/G FEEDER CIRCUIT IN SIZE *** CONDUIT (2, TS1.5)	1,100	M	6.4MM HARDWARE CLOTH
11	EA	ELECTRICAL JUNCTION BOXES ***** (PC18)	60	M	***MM TEMPORARY PIPE (450MM)
49	MTN	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (VI)	1	EA	***X***X***MM PERFORATED CS PIPE TEE RISER, 1.63MM THICK (600MM X 600MM X 600MM)
49	MTN	BEDDING MATERIAL, UTILITIES CLASS ***** (IV)	1	EA	***X ***X***MM PERFORATED CS PIPE TEE RISER, 2.01MM THICK (900MM X 900MM X 900MM)
6	M3	CLASS B CONCRETE FOR ENCASING UTILITY LINES	1	EA	***X***X***MM PERFORATED CS PIPE TEE RISER, 2.77MM THICK (1200MM X 1200MM X 1200MM)
56	M	150MM DI WATER PIPE, PC 2.41MPA	4,080	M3	STILLING BASINS
322	M	400MM DI WATER PIPE, PC ***MPA (1.72MPA)	150.5	HA	SEEDING & MULCHING
1,364	KG	DUCTILE IRON WATER PIPE FITTINGS, 1.72MPA MIN WP	63.5	HA	MOWING
2	EA	150MM GATE VALVE & VALVE BOX, 1.38MPA WP	1,400	KG	SEED FOR REPAIR SEEDING
2	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ***MPA WP (400MM X 150MM, 1.38MPA)	4.75	MTN	FERTILIZER FOR REPAIR SEEDING
2	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ***MPA WP (400MM X 400MM, 1.38MPA)	4,250	KG	SEED FOR SUPPLEMENTAL SEEDING
2	EA	***MM BLOW OFF ASSEMBLY (50MM)	252.5	MTN	FERTILIZER TOPDRESSING
4	EA	RELOCATE EXISTING FIRE HYDRANT	2.7	HA	SPECIALIZED SEEDING UNDER GUIDERAIL & GUARDRAIL (CENTIPEDE)
2	EA	***MM LINE STOP ASSEMBLY (400MM)	240	M	IMPERVIOUS DIKE
360	M	***MM DI SEWER PIPE, PC ***MPA (600MM, 2.41MPA)	130	HR	SPECIALIZED HAND MOWING
4	EA	1200MM DIA PRECAST CONC SEWER MANHOLE 0-1.8M DEPTH	60	EA	RESPONSE FOR EROSION CONTROL
4	EA	1500MM DIA PRECAST CONC SEWER MANHOLE 0-1.8M DEPTH	2,800	M3	CULVERT DIVERSION CHANNEL
7	M	PRECAST CONC MANHOLE WALL, ***MM DIA, OVER 1.8M HT (1200MM)	4	HA	REFORESTATION
26	M	PRECAST CONC MANHOLE WALL, ***MM DIA, OVER 1.8M HT (1500MM)	1.43	HA	STREAMBANK REFORESTATION
445	M	FILL OR REMOVE ABANDONED 300MM PIPE, ***** (PVC SEWER)	700	M2	GENERIC EROSION CONTROL ITEM COIR FIBER MAT
142	M	FILL OR REMOVE ABANDONED 300MM PIPE, ***** (VC SEWER)	470	M	SIGNAL CABLE
312	M	FILL OR REMOVE ABANDONED 400MM PIPE, ***** (DI WATER)	15	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)
5	EA	BREAK DOWN, PLUG, & FILL ABANDONED UTILITY MANHOLE	4	EA	VEHICLE SIGNAL HEAD (300MM, 5 SECTION)
1	EA	BREAK DOWN & REBUILD EXISTING MANHOLE	10	EA	MODIFY EXISTING VEHICLE SIGNAL HEAD
684	M	***MM STEEL ENCASEMENT PIPE, ***MM THICK, BY OPEN CUT (600MM, 6.35MM)	888	M	MESSENGER CABLE (6.35MM)
125	M	***MM STEEL ENCASEMENT PIPE, ***MM THICK, BY OPEN CUT (750MM, 7.92MM)	35	M	MESSENGER CABLE (9.52MM)
4	EA	GENERIC UTILITY ITEM REMOVE AND STOCKPILE EXISTING FIRE HYDRANT	7,718	M	TRACER WIRE
140	M	GENERIC UTILITY ITEM 300MM DI SEWER PIPE, PC 2.41MPA	135	M	TRENCHING (UNPAVED)
54	M3	GENERIC UTILITY ITEM INSTALL CLASS I RIP-RAP BANK STABILIZATION	574	M	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, 31.75MM (** CONDUIT) (2)
8,200	M	TEMPORARY SILT FENCE	1,034	M	DIRECTIONAL DRILL OUTER-DUCT CONDUIT, 125MM
1,700	MTN	STONE FOR EROSION CONTROL, CLASS A	5,767	M	TRENCH MULTI-DUCT, 31.75MM (** CONDUIT) (4)
30,000	MTN	STONE FOR EROSION CONTROL, CLASS B	1,034	M	MULTI-DUCT, 31.75MM IN OUTER-DUCT (** CONDUIT) (4)
			9	EA	JUNCTION BOX (STANDARD SIZE)
			2	EA	WOOD POLE
			7	EA	GUY ASSEMBLY
			7	EA	50MM RISER WITH HEAT SHRINK TUBING
			740	M	INDUCTIVE LOOP SAWCUT
			310	M	LEAD-IN CABLE
			1,855	M	COMMUNICATIONS CABLE (**FIBER) (12)
			7,318	M	COMMUNICATIONS CABLE (**FIBER) (72)
			282	M	DROP CABLE
			5	EA	AERIAL SPLICE ENCLOSURE
			9	EA	INTERCONNECT CENTER
			2	EA	FIBER-OPTIC TRANSCEIVER
			53	EA	DELINEATOR MARKER
			1	EA	FURNISH FIBER-OPTIC TRANSCEIVER
			7	EA	SIGNAL SUPPORT MAST ARM WITH METAL POLE
			7	EA	METAL SIGNAL POLE FOUNDATION
			1	EA	MAST ARM WITH METAL POLE DESIGN
			12	EA	SIGN FOR SIGNALS
			2	EA	SIGNAL CABINET FOUNDATION
			2	EA	CONTROLLER WITH CABINET (TYPE 170E, BASE MOUNTED)
			3	EA	GENERIC SIGNAL ITEM CCTV ASSEMBLY

			Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 22+90.190 -YCFLY-)
3	EA	GENERIC SIGNAL ITEM CCTV METAL POLE	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 30+74.741 -Y-)
11	EA	GENERIC SIGNAL ITEM DETECTOR CARD (TYPE 170)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 46+63.359 -L-)
6	EA	GENERIC SIGNAL ITEM FIBER OPTIC DATA TRANSCIEVER (FOT)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2, 79+16.544 -L-)
6	EA	GENERIC SIGNAL ITEM FOUNDATION W/ WING WALL (TYPE 2)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (3, 22+90.190 -YCFLY-)
1	EA	GENERIC SIGNAL ITEM FURNISH FIBER OPTIC DATA TRANSCIEVER (FOT)	48.5	M	****MM DIA DRILLED PIERS IN SOIL (1066MM)
1	EA	GENERIC SIGNAL ITEM FURNISH VIDEO OPTICAL TRANSMITTER (VOT-D)	45.8	M	****MM DIA DRILLED PIERS IN SOIL (1372MM)
1	EA	GENERIC SIGNAL ITEM FURNISH VIDEO OPTICAL RECEIVER (VOR-D)	19	M	****MM DIA DRILLED PIERS NOT IN SOIL (1066MM)
51	EA	GENERIC SIGNAL ITEM JUNCTION BOX (OVER-SIZED)	31	M	****MM DIA DRILLED PIERS NOT IN SOIL (1372MM)
7	EA	GENERIC SIGNAL ITEM SOIL TEST	5	EA	CROSSHOLE SONIC LOGGING
3	EA	GENERIC SIGNAL ITEM VIDEO OPTICAL RECEIVER (VOR-D)	704.2	M	CSL TUBES
3	EA	GENERIC SIGNAL ITEM VIDEO OPTICAL TRANSMITTER (VOT-D)	20,948.3	M2	REINFORCED CONCRETE DECK SLAB
			19,373.6	M2	GROOVING BRIDGE FLOORS
Lump Sum	LS	GENERIC SIGNAL ITEM CCTV SYSTEM INTEGRATION	1,112.4	M3	CLASS AA CONCRETE (BRIDGE)
			2,145.7	M3	CLASS A CONCRETE (BRIDGE)
15	M	GENERIC SIGNAL ITEM DRILLED PIER FOUNDATION (1067MM DIAMETER)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+04.478 -YRPB-)
15	M	GENERIC SIGNAL ITEM DRILLED PIER FOUNDATION (1220MM DIAMETER)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (14+79.055 -YCFLY-)

CULVERT ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (13+40.000 -Y19REV-)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (30+74.741 -Y-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (13+40.000 -Y19REV-)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (44+57.995 -L- LT LN)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (15+60.000 -YCFLY-)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (44+57.995 -L- RT LN)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (23+97.000 -YCFLY-)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (46+63.359 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (30+20.889 -Y3)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (64+45.173 -L- LT LN)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (45+26.000 -L-)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (64+45.173 -L- RT LN)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (54+80.000 -L-)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (79+16.544 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (75+75.400 -L-)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (83+30.193 -L- LT LN)
3,432	MTN	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (83+30.193 -L- RT LN)
7,916.1	M3	CLASS A CONCRETE (CULVERT)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (83+30.193 -L- RT LN)
607,425	KG	REINFORCING STEEL (CULVERT)	327,150	KG	REINFORCING STEEL (BRIDGE)
167	MTN	PLAIN RIP RAP, CLASS ** (I)	12,577	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
172	M2	FILTER FABRIC FOR DRAINAGE	1,231,955	M	MODIFIED 1600MM PRESTRESSED CONC GIRDER

STRUCTURE ITEMS

Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 14+04.478 -YRPB-)	4,715.5	M	HP310X79 STEEL PILES
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 19+24.230 -YCFLY-)	128	M	HP360X108 STEEL PILES
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 22+90.190 -YCFLY-)	24	EA	STEEL PILE POINTS
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 30+74.741 -Y-)	204.663	M	TWO BAR METAL RAIL
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 46+63.359 -L-)	2,357.234	M	CONCRETE BARRIER RAIL
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 79+16.544 -L-)	209.311	M	*** X ****MM CONCRETE PARAPET (355MM X 760MM)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 14+04.478 -YRPB-)	7,865	M2	100MM SLOPE PROTECTION
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 19+24.230 -YCFLY-)	Lump Sum	LS	POT BEARINGS
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 22+90.190 -YCFLY-)	Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 30+74.741 -Y-)	Lump Sum	LS	EVAZOTE JOINT SEALS
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 46+63.359 -L-)	Lump Sum	LS	EXPANSION JOINT SEALS
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 79+16.544 -L-)	Lump Sum	LS	MODULAR EXPANSION JOINT SEALS
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 14+04.478 -YRPB-)	Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM, STA ***** (64+45.173 -L- LT LN)

**N.C. DEPARTMENT OF TRANSPORTATION
1591 MAIL SERVICE CENTER
RALEIGH, N.C. 27699-1591**

FIRST CLASS MAIL

INVITATION TO BID FOR NOVEMBER 18, 2003 HIGHWAY LETTING