




STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

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/

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




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DEPARTMENT OF TRANSPORTATION

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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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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 OCTOBER 21, 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 SEPTEMBER 23, 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 L031021

RPN	Contract Id	WBS	County	Length	JobType
★001	C200719	34410.3.28	MECKLENBURG	8.782 KM	GRADING, DRAINAGE, PAVING, SIGNALS, ITS & STRUCTURES.
005	C200915	36676	HERTFORD	15.190 MI	SHLDR RECONST, MILLING, RESURFACING, C & G & PVMT MARKINGS.
006	C200920	36721	PASQUOTANK	5.600 MI	MILLING, RESURFACING, PAVEMENT MARKINGS & SIGNALS.
007	C200931	36395	CARTERET	6.720 MI	GRADING, DRAINAGE, MILLING, RESURFACING & PAVEMENT MARKINGS.
008	C200504	32642.3.2	BRUNSWICK	0.277 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
009	C200220	34425.3.11	NEW HANOVER, PENDER	10.911 KM	GRADING, DRAINAGE, PAVING & STRUCTURE.
010	C200933	36758 ETC.	BRUNSWICK	29.300 MI	MILLING, SHLDR RECONST, RESURFACING & PVT MARKINGS.
011	C200930	36764 ETC.	NEW HANOVER, ONSLOW, PENDER	27.580 MI	DRAINAGE, SHOULDER RECONSTRUCTION, MILLING & RESURFACING.
012	C200935	36769 ETC.	SAMPSON, DUPLIN	41.050 MI	SHLDR RECONST, MILLING, RESURFACING & PAVEMENT MARKINGS.
013	C200932	36795 ETC.	ONSLOW	25.950 MI	MILLING, SHLDR RECONST, RESURFACING & PVT MARKINGS.
014	C200934	3CR.10821.6 ETC.	SAMPSON	52.850 MI	SHLDR RECONST, MILLING, RESURFACING & PAVEMENT MARKINGS.
015	C200942	36930	VANCE	7.700 MI	MILLING, SHLD RECONST, RESURFACING & PVMT MARKINGS.
016	C200921	36778	COLUMBUS	16.830 MI	WIDENING, DRAINAGE, MILLING, GUARDRAIL & RESURFACING.
017	C200925	36781	BLADEN, ROBESON	28.400 MI	WIDENING, DRAINAGE, RESURFACING & PVT MARKINGS.
018	C200926	6CR.10781.5 ETC.	ROBESON	40.960 MI	MILLING, RESURFACING, SHOULDER RECONST & PVMT MARKINGS.
019	C200774	33228.3.1	RANDOLPH	0.224 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
020	C200947	36804	RANDOLPH	7.000 MI	SHOULDER RECONST, MILLING, RESURFACING & PAVEMENT MARKINGS.
021	C200922	36697 ETC.	FORSYTH, STOKES	10.480 MI	SHDR CONST, CONC PAVING, ULTRA-THIN OVERLAY & PVMT MARKINGS.
022	C200878	36368	WILKES	1.200 MI	MILLING, RESURFACING & PAVEMENT MARKINGS.
023	C200914	36704	CALDWELL	2.700 MI	SHOULDER RECONST, MILLING, RESURFACING & PVMT MARKINGS.
024	C200913	36708	AVERY	8.021 MI	SHOULDER RECONST, MILLING, RESURFACING & PVMT MARKINGS.
025	C200904	36660	CLEVELAND, GASTON, LINCOLN	16.780 MI	MILLING, RESURFACING & SHOULDER CONSTRUCTION.
026	C200924	36734	CATAWBA	3.730 MI	SHDR RECONST, MILLING, RESURFACING & PAVEMENT MARKINGS.
027	C200919	36743 ETC.	ALEXANDER	7.310 MI	SHLDR RECONST, DRAINAGE, MILLING, RESURFACING & GUARDRAIL.
028	C200780	34846.3.3	RUTHERFORD	0.456 MI	WIDENING, GRADING, DRAINAGE, PAVING, C&G, & SIGNALS.
029	C200917	36699	BURKE	23.510 MI	SHLDR RECONST, MILLING, RESURFACING & PAVEMENT MARKINGS.
030	C200918	36702	MCDOWELL	7.020 MI	SHLDR RECONST, MILLING, RESURFACING & PVMT MARKINGS.
031	C200938	36849	BUNCOMBE	1.480 MI	MILLING, RESURFACING & PVMT MARKINGS.
032	C200937	36914	RUTHERFORD	12.960 MI	MILLING, SHLDR RECONST, RESURFACING & PVMT MARKINGS.

SUMMARY OF PROPOSALS

Bid Letting Number L031021

RPN	Contract Id	WBS	County	Length	JobType
033	C200939	36919	MADISON	12.920 MI	SHLDR RECONSTRUCTION, RESURFACING & PAVEMENT MARKINGS.
034	C200923	36737	CHEROKEE, CLAY	8.000 MI	WIDENING, SHLDR RECONSTRUCTION, RESURFACING & PVT MARKINGS.
035	C200936	14CR.10561.1	ETC MACON	16.930 MI	SHLDR RECONST, RESURFACING & PAVEMENT MARKINGS.
036	C200927	14CR.20201.1	ETC CHEROKEE, CLAY, GRAHAM	10.170 MI	RESURFACING.

Bid Letting Number L031118

RPN	Contract Id	WBS	County	Length	JobType
** 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.

*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 sale tax for N. C. residents.

** 8 - Week Advertisement Letting of Nov. 18, 2003 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 sale tax for N. C. residents.

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L031021 001

CONTRACT ID : C200719 34410.3.28

DIV OFFICE ALBEMARLE

LENGTH = 8.782 KM

COUNTY : MECKLENBURG

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

DBE GOAL 10.0% COMPLETION DATE : DEC 31 2007

I-485 (CHARLOTTE OUTER LOOP) FROM EAST OF SR-2042 (OAKDALE RD) TO EAST OF NC-115 (OLD STATESVILLE RD).

ROADWAY ITEMS					
			50,000	M2	FABRIC FOR SOIL STABILIZATION
			3,000	MTN	GENERIC GRADING ITEM SELECT MATERIAL, CLASS VI
			27,000	MTN	GENERIC GRADING ITEM SELECT MATERIAL, CLASS VII
Lump Sum	LS	MOBILIZATION	1,950	MTN	SELECT MATERIAL, CLASS IV
Lump Sum	LS	CONSTRUCTION SURVEYING	4,190	MTN	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
Lump Sum	LS	FIELD OFFICE	72.2	M	375MM SIDE DRAIN PIPE
Lump Sum	LS	CLEARING & GRUBBING ... HEC- TARE(S)	6	M	450MM SIDE DRAIN PIPE
	2	HA SUPPLEMENTARY CLEARING & GRUB- BING	33.6	M	600MM SIDE DRAIN PIPE
	3	EA SEALING ABANDONED WELLS	62.4	M	300MM RC PIPE CULVERTS, CLASS III
2,377,000	M3	UNCLASSIFIED EXCAVATION	3,891.6	M	375MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (12+48 Y-1)	2,938.6	M	450MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (13+09 Y-6)	1,798.4	M	600MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (13+56 RP2A)	2,013.6	M	750MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (13+60 Y-2)	460.8	M	900MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+30 Y-9)	541.2	M	1050MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+97 RP2D)	242.4	M	1200MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (21+14 RP2BD)	277.2	M	1350MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (22+35 RP2CA)	124.8	M	1500MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (26+44 RP2BD)	380.4	M	1650MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (30+25 Y-4)	128.4	M	****MM RC PIPE CULVERTS, CLASS IV (1200MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (310+16 EBL)	126	M	****MM RC PIPE CULVERTS, CLASS IV (450MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (310+17 WBL)	4.8	M	****MM CS PIPE CULVERTS, ****MM THICK (400MM, 1.63MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (327+91 WBL)	76.8	M	****MM CS PIPE CULVERTS, ****MM THICK (450MM, 1.63MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (327+95 EBL)	51.6	M	****MM CS PIPE CULVERTS, ****MM THICK (800MM, 2.01MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (366+49 EBL)	9.6	M	****MM CS PIPE CULVERTS, ****MM THICK (900MM, 2.01MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (366+52 WBL)	51.6	M	300MM BIT COAT CS PIPE CUL- VERTS, TYPE B 1.63MM THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (369+47 EBL)	549.2	M	400MM BIT COAT CS PIPE CUL- VERTS, TYPE B 1.63MM THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (369+50 WBL)	423.6	M	450MM BIT COAT CS PIPE CUL- VERTS, TYPE B 1.63MM THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (66+56 CD-WBL)	72	M	600MM BIT COAT CS PIPE CUL- VERTS, TYPE B 1.63MM THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (69+59 CD-WBL)	7.2	M	900MM BIT COAT CS PIPE CUL- VERTS, TYPE B 2.01MM THICK
42,500	M3	UNDERCUT EXCAVATION	13.2	M	1000MM BIT COAT CS PIPE CUL- VERTS, TYPE B 2.77MM THICK
1,000	MTN	CLASS IV SUBGRADE STABILIZA- TION	2	EA	****MM BIT COAT CS PIPE ELBOWS, TYPE B ****MM THICK (1000MM, 2.77MM)
19,000	M3	DRAINAGE DITCH EXCAVATION	2	EA	****MM BIT COAT CS PIPE ELBOWS, TYPE B ****MM THICK (900MM, 2.01MM)
1,525	M	BERM DITCH CONSTRUCTION	8	EA	300MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
26,300	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT	72	EA	400MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
14,800	M2	BREAKING OF EXISTING ASPHALT PAVEMENT	44	EA	450MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
123	HR	PROOF ROLLING	12	EA	600MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
55,600	M3	SELECT GRANULAR MATERIAL	1,260	M	PIPE REMOVAL
			4,070	M2	150MM SLOPE PROTECTION
			Lump Sum	LS	FINE GRADING
			280,700	M2	LIME TREATED SOIL (SLURRY METHOD)

			2,725	M2	100MM CONCRETE SIDEWALK
			170	M2	CONCRETE WHEELCHAIR RAMPS
			55	M2	150MM CONCRETE DRIVEWAY
			800	M2	100MM CONCRETE PAVED DITCH
			940	M2	125MM MONOLITHIC CONCRETE ISLANDS (KEYED IN)
3,090	MTN	LIME FOR LIME TREATED SOIL	840	M	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
140	MTN	#57 STONE	1	EA	ADJUSTMENT OF CATCH BASINS
500	MTN	STABILIZER AGGREGATE	15	EA	ADJUSTMENT OF MANHOLES
97,370	MTN	AGGREGATE BASE COURSE	20	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
120,300	M2	***MM SOIL CEMENT BASE (180MM)	7	EA	IMPACT ATTENUATOR UNIT, TYPE 350
3,650	MTN	PORTLAND CEMENT FOR SOIL CEMENT BASE	12,374.88	M	STEEL BM GUARDRAIL
1,650	MTN	AGGREGATE FOR SOIL CEMENT BASE	76.2	M	STEEL BM GUARDRAIL, SHOP CURVED
272,700	L	ASPHALT CURING SEAL	4	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
1,000	MTN	INCIDENTAL STONE BASE	20	EA	ADDITIONAL GUARDRAIL POSTS
61,100	M3	SHOULDER BORROW	28	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77)
16,850	L	PRIME COAT	64	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
76,734	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B	72	EA	GUARDRAIL ANCHOR UNITS, TYPE III
10,854	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C	79	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
20,167	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	13	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350
10,731	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	144.78	M	REMOVE EXISTING GUARDRAIL
41,056	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	281.94	M	REMOVE & STOCKPILE EXISTING GUARDRAIL
2,750	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	7,000	M	CABLE GUIDERAIL
5,473	MTN	ASPHALT CONC SURFACE COURSE, TYPE S12.5C	38	EA	CABLE GUIDERAIL ANCHOR UNITS
7,888	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	16,900	M	WOVEN WIRE FENCE, 1200MM FABRIC
480	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	3,480	EA	100MM TIMBER FENCE POSTS, 2.30M LONG
140	MTN	ASPHALT PLANT MIX PAVEMENT REPAIR	960	EA	125MM TIMBER FENCE POSTS, 2.50M LONG
268,400	M2	***MM PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS) (300MM)	3,300	M	CHAIN LINK FENCE, 1200MM FABRIC
2,800	M2	***MM PORT CEM CONC PAVEMENT, MISCELLANEOUS (WITHOUT DOWELS) (300MM)	910	EA	METAL LINE POSTS FOR 1200MM CHAIN LINK FENCE
Lump Sum	LS	SURFACE TESTING CONCRETE PAVEMENT	45	EA	METAL TERMINAL POSTS FOR 1200MM CHAIN LINK FENCE
32,000	M2	CONCRETE SHOULDERS ADJACENT TO ***MM PAVEMENT (300MM)	200	M	ADDITIONAL BARBED WIRE
Lump Sum	LS	FIELD LABORATORY RENTAL, PORT CEM CONC PAVEMENT	890	MTN	PLAIN RIP RAP, CLASS I
7,100	M3	SUBDRAIN EXCAVATION	1,760	MTN	PLAIN RIP RAP, CLASS B
1,050	M3	SUBDRAIN FINE AGGREGATE	16,951	M2	FILTER FABRIC FOR DRAINAGE
2,500	M	150MM PERFORATED SUBDRAIN PIPE	440	MTN	GENERIC EROSION CONTROL ITEM BOULDERS
250	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS	5,966	M2	GENERIC WALL ITEM SOUND BARRIER WALL
17	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	2	M3	REINFORCED CONCRETE SIGN FOOTINGS
34	M	150MM OUTLET PIPE (SUBDRAINS)	3	M3	PLAIN CONCRETE SIGN FOOTINGS
21,600	M	SHOULDER DRAIN	2,247	KG	SUPPORTS, BREAKAWAY STEEL BEAM
21,600	M	100MM SHOULDER DRAIN PIPE	326	KG	SUPPORTS, SIMPLE STEEL BEAM
1,000	M	100MM OUTLET PIPE (SHOULDER DRAINS)	1,510	M	SUPPORTS, 4.5KG STEEL U-CHANNEL
30	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET	505	EA	SUPPORTS, 3KG STEEL U-CHANNEL
10	MTN	BLOTTING SAND	23	EA	SIGN ERECTION, TYPE D
35.8	M3	ENDWALLS	175	EA	SIGN ERECTION, TYPE E
63.6	M3	REINFORCED ENDWALLS	38	EA	SIGN ERECTION, TYPE F
5.9	M3	PIPE COLLARS	5	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (A)
1	M3	PIPE PLUGS	2	EA	SIGN ERECTION, TYPE *** (OVERHEAD) (B)
321	EA	MASONRY DRAINAGE STRUCTURES	5	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
14,422	M3	MASONRY DRAINAGE STRUCTURES	17	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)
51.6	M	MASONRY DRAINAGE STRUCTURES	505	EA	SIGN ERECTION, MILEMARKERS
55	EA	FRAME WITH TWO GRATES, STD 840.**** (840.20)	4	EA	SIGN ERECTION, OVERLAY (OVERHEAD)
5	EA	FRAME WITH TWO GRATES, STD 840.16	21	EA	SIGN ERECTION, OVERLAY (GROUND MOUNTED)
191	EA	FRAME WITH TWO GRATES, STD 840.22	3	EA	RELOCATE SIGN, TYPE ***** (B OVERHEAD)
5	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	1	EA	RELOCATE SIGN, TYPE ***** (D)
33	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	4	EA	RELOCATE SIGN, TYPE ***** (E)
21	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	5	EA	RELOCATE SIGN, TYPE ***** (OVERLAY OVERHEAD)
7	EA	FRAME WITH COVER, STD 840.54	1	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM
5	EA	CONCRETE APRON FOR DROP INLETS			
2,610	M	450MM CONCRETE CURB & GUTTER			
3,450	M	750MM CONCRETE CURB & GUTTER			
170	M	SHOULDER BERM GUTTER			
20	EA	MODIFIED CONCRETE FLUME			
4,350	M	CONCRETE EXPRESSWAY GUTTER			

			12	EA	**MM AIR RELEASE ASSEMBLY (50MM)
			2	EA	50MM BLOW OFF ASSEMBLY
			4	EA	RELOCATE EXISTING WATER METER
4	EA	TEMPORARY CRASH CUSHIONS	6	EA	FIRE HYDRANT, ****MPA WP (1.72 MPA WP)
4	EA	RESET TEMPORARY CRASH CUSHIONS	1	EA	RELOCATE EXISTING FIRE HYDRANT
2	EA	TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH)	161.86	M	***MM DI SEWER PIPE, CLASS *** (450MM, 52)
1,000	M	PORTABLE CONCRETE BARRIER	35	M	***MM DI SEWER PIPE, PC ***MPA (100MM, 2.41 MPA)
100	M	RESET PORTABLE CONCRETE BARRIER	35	M	***MM DI SEWER PIPE, PC ***MPA (150MM, 2.41 MPA)
40	HR	POLICE	1,661.73	M	200MM DI SEWER PIPE, PC 2.41MPA
1,700	EA	TUBULAR MARKERS (FIXED)	38.05	M	250MM DI SEWER PIPE, PC 2.41MPA
334	EA	TEMPORARY RAISED PAVEMENT MARKERS	205.22	M	450MM DI SEWER PIPE, PC ***MPA (1.72 MPA)
30,718	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)	8	EA	SANITARY SEWER CLEAN-OUT
9,241	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)	14	EA	1200MM DIA PRECAST CONC SEWER MANHOLE 0-1.8M DEPTH
720	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)	63.01	M	PRECAST CONC MANHOLE WALL, ****MM DIA, OVER 1.8M HT (1200MM)
220	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)	13.69	M	SEWER MANHOLE OUTSIDE DROP ASSEMBLY
22	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)	31.39	M	REMOVE ABANDONED ***MM PIPE (200MM, DI WATER)
7,290	M	COLD APPLIED PLASTIC PAVEMENT MARKING LINES (100MM)	191	M	REMOVE ABANDONED ***MM PIPE (450MM, DI WATER)
16,030	M	PAINT PAVEMENT MARKING LINES (100MM)	1,049	M	FILL OR REMOVE ABANDONED ***MM PIPE, ***** (600MM, DI WATER)
100	M	PAINT PAVEMENT MARKING LINES (600MM)	834	M	FILL OR REMOVE ABANDONED 300MM PIPE, ***** (DI WATER)
20	EA	PAINT PAVEMENT MARKING SYMBOL	606	M	FILL OR REMOVE ABANDONED 400MM PIPE, ***** (DI WATER)
1,505	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)	6	EA	BREAK DOWN, PLUG, & FILL ABANDONED UTILITY MANHOLE
10	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	3	EA	BREAK DOWN & REBUILD EXISTING MANHOLE
71,983	M	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES, 150MM	9	EA	REMOVE EXISTING MANHOLE
4,401	M	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES, 200MM	65	M	***MM STEEL ENCASEMENT PIPE, ****MM THICK, BY OPEN CUT (1200MM, 12.70)
78	EA	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING CHARACTER	90	M	***MM STEEL ENCASEMENT PIPE, ****MM THICK, BY OPEN CUT (400MM, 6.35)
18	EA	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING SYMBOL	80	M	***MM STEEL ENCASEMENT PIPE, ****MM THICK, BY OPEN CUT (600MM, 6.35)
8,259	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS	124	M	***MM STEEL ENCASEMENT PIPE, ****MM THICK, BY OPEN CUT (750MM, 7.92)
9	EA	2.1M U-CHANNEL POSTS	125	M	***MM STEEL ENCASEMENT PIPE, ****MM THICK, BY OPEN CUT (900MM, 9.53)
326	EA	FLEXIBLE DELINEATORS (CRYSTAL)	100	M	***MM STEEL ENCASEMENT PIPE, ****MM THICK, BY BORING & JACKING (750MM, 7.92)
228	EA	FLEXIBLE DELINEATORS (YELLOW)	10	EA	GENERIC UTILITY ITEM CONCRETE ANTI-SEEPAGE COLLAR
48	EA	FLEXIBLE DELINEATORS (CRYSTAL & RED)	4	EA	GENERIC UTILITY ITEM REMOVE & STOCKPILE EXISTING FIRE HYDRANT
48	EA	FLEXIBLE DELINEATORS (YELLOW & RED)	1	EA	GENERIC UTILITY ITEM STEEL VENT PIPE
9	EA	OBJECT MARKERS (END OF ROAD)	171.07	M	GENERIC UTILITY ITEM 150MM DI RESTRAINED JOINT WATER PIPE, PC 2.41 MPA
2,310.24	MTN	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (II)	62.28	M	GENERIC UTILITY ITEM 200MM DI RESTRAINED JOINT WATER PIPE, PC 2.41 MPA
2,310.2	MTN	BEDDING MATERIAL, UTILITIES CLASS ***** (II)	78.4	M	GENERIC UTILITY ITEM 300MM DI RESTRAINED JOINT WATER PIPE, PC 2.41 MPA
50.35	M	150MM DI WATER PIPE, PC 2.41MPA	1,128.83	M	GENERIC UTILITY ITEM 400MM DI RESTRAINED JOINT WATER PIPE, PC 1.72 MPA
1,555.07	M	300MM DI WATER PIPE, PC 2.41MPA	10	M	GENERIC UTILITY ITEM 600MM DI RESTRAINED JOINT WATER PIPE, PC 1.72 MPA
841.96	M	400MM DI WATER PIPE, PC ***MPA (1.72)	5,505	M	TEMPORARY SILT FENCE
1,184.04	M	600MM DI WATER PIPE, PC ***MPA (1.72)	1,105	MTN	STONE FOR EROSION CONTROL, CLASS A
9,164.48	KG	DI RESTRAINED JOINT WATER PIPE FITTINGS, 1.72MPA MIN WP	30,535	MTN	STONE FOR EROSION CONTROL, CLASS B
101.77	M	20MM COPPER WATER PIPE, TYPE K	16,260	MTN	SEDIMENT CONTROL STONE
3	EA	20MM CORPORATION STOP	185	HA	TEMPORARY MULCHING
6	EA	***MM GATE VALVE & VALVE BOX, ****MPA WP (150MM, 1.38 MPA)	7,850	KG	SEED FOR TEMPORARY SEEDING
3	EA	***MM GATE VALVE & VALVE BOX, ****MPA WP (200MM, 1.38 MPA)	63	MTN	FERTILIZER FOR TEMPORARY SEEDING
7	EA	***MM GATE VALVE & VALVE BOX, ****MPA WP (300MM, 1.38 MPA)	1,110	M	TEMPORARY SLOPE DRAINS
9	EA	***MM BUTTERFLY VALVE & VALVE BOX (400MM)			
3	EA	***MM BUTTERFLY VALVE & VALVE BOX (600MM)			
1	EA	*** X ***MM TAPPING SADDLE (20MM X 300MM)			
2	EA	*** X ***MM TAPPING SADDLE (20MM X 400MM)			
3	EA	**MM AIR RELEASE ASSEMBLY (25MM)			

			Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2,120+21.688 -Y5SBL-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (20+92.565 -Y9-)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2,16+98.460 -RP2D-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (23+68.400 -RP2CA-)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2,22+04.104 -RP2CA-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (298+94.800 -L-)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2,366+18.798 -L-LT)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (308+57.858 -L-)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2,366+18.798 -L-RT)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (318+15.600 -L-)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2,367+26.357 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (343+25.100 -L-)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2,369+94.150 -L-LT)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (357+66.000 -L-)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2,380+15.437 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (367+92.000 -L-)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2,66+25.169 -CDWBL-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (378+07.800 -L-)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (2,69+93.362 -CDWBL-)
2,715	MTN	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (3,120+21.688 -Y5SBL-)
4,402.8	M3	CLASS A CONCRETE (CULVERT)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (3,367+26.357 -L-)
374,628	KG	REINFORCING STEEL (CULVERT)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (3,369+94.150 -L-LT)

WALL ITEMS

Lump Sum	LS	MSE RETAINING WALL, STA ***** (13+51.462 -RP2A-)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (3,380+15.437 -L-)
Lump Sum	LS	MSE RETAINING WALL, STA ***** (26+45.236 -RP2BD-EB1)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (3,69+93.362 -CDWBL-)
Lump Sum	LS	MSE RETAINING WALL, STA ***** (26+45.236 -RP2BD-EB2)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (4,367+26.357 -L-)

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (120+21.688 -Y5SBL-)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (3,380+15.437 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (380+15.437 -L-)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (3,69+93.362 -CDWBL-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,120+21.688 -Y5SBL-)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (4,367+26.357 -L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,13+51.462 -RP2A-)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (5,367+26.357 -L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,16+98.460 -RP2D-)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (6,367+26.357 -L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,22+04.104 -RP2CA-)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (7,367+26.357 -L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,322+77.799 -L-)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (8,367+26.357 -L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,340+54.230 -L-)	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (9,367+26.357 -L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,356+04.125 -L-)	135.2	M	****MM DIA DRILLED PIERS IN SOIL (1066MM)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,366+18.798 -L-LT)	294.4	M	****MM DIA DRILLED PIERS IN SOIL (1220MM)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,366+18.798 -L-RT)	61.2	M	****MM DIA DRILLED PIERS NOT IN SOIL (1066MM)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,367+26.357 -L-)	110	M	****MM DIA DRILLED PIERS NOT IN SOIL (1220MM)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,369+94.150 -L-LT)	28	EA	SID INSPECTION
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,369+94.150 -L-RT)	24	EA	SPT TESTING
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,369+94.150 -L-RT)	4	EA	CROSSHOLE SONIC LOGGING
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,380+15.437 -L-)	838	M	CSL TUBES
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,66+25.169 -CDWBL-)	46,585.5	M2	REINFORCED CONCRETE DECK SLAB
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1,69+93.362 -CDWBL-)	42,339.7	M2	GROOVING BRIDGE FLOORS
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (10,367+26.357 -L-)	1,502.5	M3	CLASS AA CONCRETE (BRIDGE)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (120+21.688 -Y5SBL-)	5,636.6	M3	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (13+51.462 -RP2A-)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (120+21.688 -Y5SBL-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (16+98.460 -RP2D-)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (13+51.462 -RP2A-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (16+98.460 -RP2D-)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+98.460 -RP2D-)

			54	M	GENERIC STRUCTURE ITEM PILE EXCAVATION NOT IN SOIL
			82	M3	GENERIC STRUCTURE ITEM 34.5 MPA CONCRETE
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (22+04.104 -RP2CA-)	2,256	KG	GENERIC STRUCTURE ITEM POST-TENSIONING STRANDS
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (26+45.236 -RP2BD-)	10,000	DOL	CONTRACT TIME
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (310+16.500 -L-LT)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (310+16.500 -L-RT)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (322+77.799 -L-)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (327+93.000 -L-LT)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (327+93.000 -L-RT)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (340+54.230 -L-)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (356+04.125 -L-)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (366+18.798 -L-LT)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (366+18.798 -L-RT)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (367+26.357 -L-)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (369+94.150 -L-LT)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (369+94.150 -L-RT)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (380+15.437 -L-)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (66+25.169 -CDWBL-)			
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (69+93.362 -CDWBL-)			
			878,524	KG	REINFORCING STEEL (BRIDGE)
			48,489	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
			1,161.44	M	1372MM PRESTRESSED CONCRETE GIRDERS
			2,221.8	M	MODIFIED 1600MM PRESTRESSED CONC GIRDERS
			6,473,087	LS	APPROX KG STRUCTURAL STEEL
			20,879.5	M	HP310X79 STEEL PILES
			1,022.2	M	HP360X108 STEEL PILES
			517	EA	STEEL PILE POINTS
Lump Sum	LS	GALVANIZING STEEL PILES AT STA ***** (310+16.500 -L-LT)			
Lump Sum	LS	GALVANIZING STEEL PILES AT STA ***** (310+16.500 -L-RT)			
			997.542	M	TWO BAR METAL RAIL
			159.088	M	THREE BAR METAL RAIL
			4,328.181	M	CONCRETE BARRIER RAIL
			1,021.224	M	*** X ***MM CONCRETE PARAPET (355MM X 760MM)
			9,547.3	M2	100MM SLOPE PROTECTION
			295	MTN	PLAIN RIP RAP CLASS B
			4,749	MTN	PLAIN RIP RAP CLASS II (600MM THICK)
			4,845	M2	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	POT BEARINGS			
Lump Sum	LS	ELASTOMERIC BEARINGS			
Lump Sum	LS	EVAZOTE JOINT SEALS			
Lump Sum	LS	STRIP SEALS			
Lump Sum	LS	EXPANSION JOINT SEALS			
Lump Sum	LS	MODULAR EXPANSION JOINT SEALS			
Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM, STA ***** (310+16.500 -L-RT)			
Lump Sum	LS	ELECTRICAL CONDUIT SYSTEM, STA ***** (327+93.000 -L-RT)			
			18	M	GENERIC STRUCTURE ITEM PILE EXCAVATION IN SOIL

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031021 005

CONTRACT ID : C200915 36676

DIV OFFICE EDENTON

LENGTH = 15.190 MI

COUNTY : HERTFORD

SHLDR RECONST, MILLING, RESURFACING, C& G & PVMT MARKINGS.

MBE GOAL 5.0% WBE 3.0% COMPLETION DATE : OCT 29 2004

US-158 BUS FROM WEST END OF US-158 BYPASS TO EAST END OF US-158 BYPASS AND US-258 FROM US-158 BYPASS TO STATE LINE.

ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
1,052	TON	MOBILIZATION
22.5	SMI	INCIDENTAL STONE BASE
193,227	SY	SHOULDER RECONSTRUCTION
		MILLING ASPHALT PAVEMENT, ****
		DEPTH
		(1-1/2")
19,544	SY	MILLING ASPHALT PAVEMENT, ****
		DEPTH
		(3")
8,889	SY	MILLING ASPHALT PAVEMENT, ****
		DEPTH
		(4")
1,267	TON	ASPHALT CONC INTERMEDIATE
		COURSE, TYPE 119.0B
43,313	TON	ASPHALT CONC SURFACE COURSE,
		TYPE S9.5B
358	TON	ASPHALT CONC SURFACE COURSE,
		TYPE S4.75A
2,899	TON	ASPHALT BINDER FOR PLANT MIX,
		GRADE PG 64-22
1,633	TON	PATCHING EXISTING PAVEMENT
54,568	SY	GENERIC PAVING ITEM
		VARIABLE DEPTH MILLING
480	LF	2'-6" CONCRETE CURB & GUTTER
36	EA	WHEELCHAIR RAMPS
17	EA	ADJUSTMENT OF MANHOLES
14	EA	ADJUSTMENT OF METER BOXES OR
		VALVE BOXES
37,469	LF	THERMOPLASTIC PAVEMENT MARKING
		LINE (4", 90 MILS)
141,608	LF	THERMOPLASTIC PAVEMENT MARKING
		LINE (4", 120 MILS)
400	LF	THERMOPLASTIC PAVEMENT MARKING
		LINE (8", 90 MILS)
490	LF	THERMOPLASTIC PAVEMENT MARKING
		LINE (24", 120 MILS)
24	EA	THERMOPLASTIC PAVEMENT MARKING
		CHARACTER (120MIL)
199	EA	THERMOPLASTIC PAVEMENT MARKING
		SYMBOL (90 MILS)
400,343	LF	PAINT PAVEMENT MARKING LINES
		(4")
400	LF	PAINT PAVEMENT MARKING LINES
		(8")
490	LF	PAINT PAVEMENT MARKING LINES
		(24")
24	EA	PAINT PAVEMENT MARKING CHARAC-
		TER
185	EA	PAINT PAVEMENT MARKING SYMBOL
2,486	EA	PERMANENT RAISED PAVEMENT
		MARKERS
21.8	ACR	SEEDING & MULCHING
1,840	LF	INDUCTIVE LOOP SAWCUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031021 006

CONTRACT ID : C200920 36721

DIV OFFICE EDENTON

LENGTH = 5.600 MI

COUNTY : PASQUOTANK

MILLING, RESURFACING, PAVEMENT MARKINGS & SIGNALS.

MBE GOAL 5.0% WBE 3.0% COMPLETION DATE : OCT 29 2004

US-17 FROM KNOBBS CREEK BRIDGE TO ELIZABETH CITY BYPASS.

ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
55	TON	INCIDENTAL STONE BASE
14.4	SMI	SHOULDER RECONSTRUCTION
101,376	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/4")
13,053	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
18,804	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
613	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,221	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
129	TON	PATCHING EXISTING PAVEMENT
72,982	SY	GENERIC PAVING ITEM VARIABLE DEPTH MILLING
1	EA	GENERIC DRAINAGE ITEM REMOVE & REPLACE EXT FRAME, GRATE & HOOD, STD 840.03
1	EA	GENERIC DRAINAGE ITEM REMOVE & REPLACE EXT GRATE STD 840.03
625	LF	2'-6" CONCRETE CURB & GUTTER
1	EA	WHEELCHAIR RAMPS
20	SY	6" CONCRETE DRIVEWAY
1	EA	ADJUSTMENT OF MANHOLES
76,512	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
41,184	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,130	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
176	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
173,184	LF	PAINT PAVEMENT MARKING LINES (4")
630	LF	PAINT PAVEMENT MARKING LINES (24")
1,004	EA	PERMANENT RAISED PAVEMENT MARKERS
15.6	ACR	SEEDING & MULCHING
1,200	LF	TRENCHING (UNPAVED)
24	EA	JUNCTION BOX (STANDARD SIZE)
9,420	LF	INDUCTIVE LOOP SAWCUT
2,400	LF	LEAD-IN CABLE

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031021 007

CONTRACT ID : C200931 36395

DIV OFFICE GREENVILLE

LENGTH = 6.720 MI

COUNTY : CARTERET

GRADING, DRAINAGE, MILLING, RESURFACING & PAVEMENT MARKINGS.

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

US-70 FROM THE WESTERN CITY LIMIT OF MOREHEAD CITY TO THE NEWPORT RIVER (INTERCOASTAL WATERWAY) BRIDGE.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	GRADING
30	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
200	LF	15" RC PIPE CULVERTS, CLASS III
8	LF	PIPE REMOVAL
40	TON	INCIDENTAL STONE BASE
221,524	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (0" TO 2")
247	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
247	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
25,714	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
21	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,671	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
4,050	TON	PATCHING EXISTING PAVEMENT
2	EA	MASONRY DRAINAGE STRUCTURES
4	EA	FRAME WITH TWO GRATES, STD 840.16
940	LF	2'-6" CONCRETE CURB & GUTTER
2	EA	ADJUSTMENT OF DROP INLETS
6	EA	ADJUSTMENT OF MANHOLES
10	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
83,892	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
55,344	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
540	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
2,380	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
420	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
2,280	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
138	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
361	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
132,696	LF	PAINT PAVEMENT MARKING LINES (4")
420	LF	PAINT PAVEMENT MARKING LINES (16")
1,120	LF	PAINT PAVEMENT MARKING LINES (24")
30	EA	PAINT PAVEMENT MARKING CHARACTER
2,898	EA	PERMANENT RAISED PAVEMENT MARKERS
20	TON	STONE FOR EROSION CONTROL, CLASS B
35	CY	SILT EXCAVATION
80	LF	1/4" HARDWARE CLOTH
1	ACR	SEEDING & MULCHING
1	ACR	MOWING
4	LB	SEED FOR REPAIR SEEDING
1	TON	FERTILIZER TOPDRESSING

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L031021 008

CONTRACT ID : C200504 32642.3.2

DIV OFFICE WILMINGTON

LENGTH = 0.277 MI

COUNTY : BRUNSWICK

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : MAY 15 2005

BRIDGE OVER STURGEON CREEK AND APPROACHES ON SR-1435.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (16+75.00)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING
6,662	CY	UNDERCUT EXCAVATION
6	CY	DRAINAGE DITCH EXCAVATION
4,000	CY	SELECT GRANULAR MATERIAL
200	SY	FABRIC FOR SOIL STABILIZATION
24.5	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
72	LF	***" SIDE DRAIN PIPE (18")
24	LF	15" RC PIPE CULVERTS, CLASS III
64	LF	18" RC PIPE CULVERTS, CLASS III
68	LF	***"BIT COAT CS PIPE CULVERTS, TYPE A ***** THICK (15", 0.064")
6	EA	***" BIT COAT CS PIPE ELBOWS, TYPE A ***** THICK (15", 0.064")
60	LF	PIPE REMOVAL
210	TON	INCIDENTAL STONE BASE
315	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
310	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
160	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
40	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1	CY	PIPE PLUGS
4	EA	MASONRY DRAINAGE STRUCTURES
4	EA	FRAME WITH TWO GRATES, STD 840.***** (840.29)
500	LF	SHOULDER BERM GUTTER
250	LF	STEEL BM GUARDRAIL
25	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
9	TON	PLAIN RIP RAP, CLASS B
635	SY	FILTER FABRIC FOR DRAINAGE
186	SF	WORK ZONE SIGNS (STATIONARY)
57	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
80	LF	BARRICADES (TYPE III)
11,680	LF	PAINT PAVEMENT MARKING LINES (4")
20	EA	PERMANENT RAISED PAVEMENT MARKERS
139	TON	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (VI)
139	TON	BEDDING MATERIAL, UTILITIES CLASS ***** (VI)
560	LF	2" PVC WATER PIPE, SDR ***** (21, 200# WP)
15	LF	3/4" PE WATER TUBING, SDR 9, *****WP (200# WP)
3	EA	3/4" CORPORATION STOP
3	EA	***"X**" TAPPING SADDLE (2" X 3/4")
1	EA	2" BLOW OFF ASSEMBLY

573	LF	***" PVC FORCE MAIN SEWER PIPE, ***** (12", SDR 21, 250# WP)
573	LF	***" PVC FORCE MAIN SEWER PIPE, ***** (8", SDR 21, 250# WP)
1,310	LB	DUCTILE IRON SEWER PIPE FITTINGS, ***** (250# MIN WP)
480	LF	FILL OR REMOVE ABANDONED ***" PIPE, ***** (8" DR 9, HDPE, 200# WP)
325	LF	FILL OR REMOVE ABANDONED ***" PIPE, ***** (8", FSS)
440	LF	FILL OR REMOVE ABANDONED 12" PIPE, ***** (12" DR 9 HDPE,200#WP)
325	LF	FILL OR REMOVE ABANDONED 12" PIPE, ***** (FSS)
734	LF	GENERIC UTILITY ITEM 12" DR 9 HDPE SEWER PIPE, 200# WP, BY DIRECTIONAL BORE
734	LF	GENERIC UTILITY ITEM 8" DR 9 HDPE SEWER PIPE, 200# WP, BY DIRECTIONAL BORE
1,425	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
235	TON	STONE FOR EROSION CONTROL, CLASS B
320	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
500	CY	SILT EXCAVATION
600	SY	SYNTHETIC ROVING
300	SY	MATTING FOR EROSION CONTROL
80	LF	1/4" HARDWARE CLOTH
500	SY	FLOATING TURBIDITY CURTAIN
10	EA	SPECIAL STILLING BASINS
4.25	ACR	SEEDING & MULCHING
1.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
2	TON	FERTILIZER TOPDRESSING
2	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL
1	EA	GENERIC EROSION CONTROL ITEM PREFORMED SCOUR HOLE WITH LEVEL SPREADER APRON
1.7	ACR	GENERIC EROSION CONTROL ITEM WETLAND GRASS PLANTING

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (16+75.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+75.00-L-)
24,744	SF	REINFORCED CONCRETE DECK SLAB
20,134	SF	GROOVING BRIDGE FLOORS
279.6	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+75.00-L-)
33,476	LB	REINFORCING STEEL (BRIDGE)
585.83	LF	45" PRESTRESSED CONCRETE GIRDERS

3,128.33	LF	54" PRESTRESSED CONCRETE GIRDERS
385	LF	12" PRESTRESSED CONC PILES
3,780	LF	20" PRESTRESSED CONC PILES
36	EA	STEEL PILE TIPS
1,495.83	LF	CONCRETE BARRIER RAIL
166	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
184	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
Lump Sum	LS	STRUCTURE DRAINAGE SYSTEM, STA ***** (16+75.00-L-)
2	EA	GENERIC STRUCTURE ITEM DYNAMIC LOAD TEST

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031021 009

CONTRACT ID : C200220 34425.3.11

DIV OFFICE WILMINGTON

LENGTH = 10.911 KM

COUNTY : NEW HANOVER, PENDER

GRADING, DRAINAGE, PAVING & STRUCTURE.

MBE GOAL 10.0% WBE 5.0% COMPLETION DATE : JUN 15 2006

US-17 (I-40 CONNECTOR) FROM EAST OF I-40 INTERCHANGE TO NE OF SR-1571 (SCOTTS HILL LOOP RD).

ROADWAY ITEMS					
			77,050	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
			62,400	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
Lump Sum	LS	MOBILIZATION	5,715	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
Lump Sum	LS	CONSTRUCTION SURVEYING	4,060	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
Lump Sum	LS	CLEARING & GRUBBING ... HEC-TARE(S)	425	MTN	ASPHALT PLANT MIX PAVEMENT REPAIR
2	HA	SUPPLEMENTARY CLEARING & GRUBBING	414	M3	SUBDRAIN EXCAVATION
30,200	M3	UNCLASSIFIED EXCAVATION	207	M3	SUBDRAIN FINE AGGREGATE
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (5+41.955)	500	M	150MM PERFORATED SUBDRAIN PIPE
123,200	M3	UNDERCUT EXCAVATION	51	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS
1,000	MTN	CLASS IV SUBGRADE STABILIZATION	4	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
30,000	M	WICK DRAINS	8	M	150MM OUTLET PIPE (SUBDRAINS)
22,000	M	AUGERING FOR WICK DRAINS	43.3	M3	ENDWALLS
1,229,200	M3	BORROW EXCAVATION	22.4	M3	REINFORCED ENDWALLS
4	EA	EMBANKMENT SETTLEMENT GAUGES	0.62	M3	PIPE COLLARS
4,650	M3	DRAINAGE DITCH EXCAVATION	0.16	M3	PIPE PLUGS
100	M	BERM DITCH CONSTRUCTION	117	EA	MASONRY DRAINAGE STRUCTURES
9,100	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT	16.46	M3	MASONRY DRAINAGE STRUCTURES
5,300	M2	BREAKING OF EXISTING ASPHALT PAVEMENT	35.3	M	MASONRY DRAINAGE STRUCTURES
71	HR	PROOF ROLLING	1	EA	FRAME WITH GRATE, STD 840.22
315,000	M3	SELECT GRANULAR MATERIAL	3	EA	FRAME WITH TWO GRATES, STD 840.**** (840.20)
115,000	M2	FABRIC FOR SOIL STABILIZATION	7	EA	FRAME WITH TWO GRATES, STD 840.16
7,000	M3	GENERIC GRADING ITEM SELECT MATERIAL, CLASS III	81	EA	FRAME WITH TWO GRATES, STD 840.22
2,903	MTN	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	2	EA	FRAME WITH TWO GRATES, STD 840.24
205.2	M	375MM SIDE DRAIN PIPE	11	EA	FRAME WITH TWO GRATES, STD 840.29
7.2	M	450MM SIDE DRAIN PIPE	6	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
1,246.8	M	375MM RC PIPE CULVERTS, CLASS III	2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
1,710	M	450MM RC PIPE CULVERTS, CLASS III	3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
1,833.6	M	600MM RC PIPE CULVERTS, CLASS III	13	EA	FRAME WITH COVER, STD 840.54
835.2	M	750MM RC PIPE CULVERTS, CLASS III	6	EA	CONCRETE APRON FOR DROP INLETS
1,888.8	M	900MM RC PIPE CULVERTS, CLASS III	Lump Sum	LS	GENERIC DRAINAGE ITEM INFILTRATION BASIN
14.4	M	1050MM RC PIPE CULVERTS, CLASS III	180	M	*** X ***MM CONCRETE CURB (200MM X 450MM)
1,119.6	M	1200MM RC PIPE CULVERTS, CLASS III	134	M	450MM CONCRETE CURB & GUTTER
91.2	M	1650MM RC PIPE CULVERTS, CLASS III	1,440	M	750MM CONCRETE CURB & GUTTER
56.4	M	1800MM RC PIPE CULVERTS, CLASS III	50	M	SHOULDER BERM GUTTER
84	M	***** BIT COAT CS PIPE CULVERTS, TYPE A ****MM THICK (300MM, 1.63MM)	332	M	CONCRETE EXPRESSWAY GUTTER
56.4	M	***** BIT COAT CS PIPE CULVERTS, TYPE A ****MM THICK (400MM, 1.63MM)	22.48	M2	CONCRETE WHEELCHAIR RAMPS
64.8	M	***** BIT COAT CS PIPE CULVERTS, TYPE A ****MM THICK (450MM, 1.63MM)	37	M2	150MM CONCRETE DRIVEWAY
4	EA	***MM BIT COAT CS PIPE ELBOWS, TYPE A ****MM THICK (400MM, 1.63MM)	8.4	M2	100MM CONCRETE PAVED DITCH
4	EA	***MM BIT COAT CS PIPE ELBOWS, TYPE A ****MM THICK (450MM, 1.63MM)	245	M2	125MM MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
445.5	M	PIPE REMOVAL	1,114	M2	125MM MONOLITHIC CONCRETE ISLANDS (KEYED IN)
160	M2	150MM SLOPE PROTECTION	117	M	VARIABLE HEIGHT CONCRETE BARRIER, TYPE ***** (T2)
Lump Sum	LS	FINE GRADING	141.44	M	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
500	KG	SEALING EXISTING PAVEMENT CRACKS	13	EA	IMPACT ATTENUATOR UNIT, TYPE 350
18,000	MTN	STABILIZER AGGREGATE	4,101.465	M	STEEL BM GUARDRAIL
181,300	MTN	AGGREGATE BASE COURSE	28.575	M	STEEL BM GUARDRAIL, SHOP CURVED
2,000	MTN	INCIDENTAL STONE BASE	2	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
28,764	L	PRIME COAT	10	EA	ADDITIONAL GUARDRAIL POSTS
49,150	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C	24	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77)
			2	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1

			Lump Sum	LS	GENERIC SIGNING ITEM INTEGRATION INTO EXISTING DMS SYSTEM
8	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	Lump Sum	LS	GENERIC SIGNING ITEM INTEGRATION OF EXISTING DMS SYSTEM
16	EA	GUARDRAIL ANCHOR UNITS, TYPE III	Lump Sum	LS	GENERIC SIGNING ITEM LIGHT SYSTEM FOR PEDESTAL SIGN ASSEMBLY "A"
14	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	Lump Sum	LS	GENERIC SIGNING ITEM LIGHT SYSTEM FOR PEDESTAL SIGN ASSEMBLY "B"
9	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "C"
15.24	M	REMOVE & RESET EXISTING GUARD- RAIL	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "D"
11.43	M	REMOVE EXISTING GUARDRAIL	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "E"
8,510	M	CABLE GUIDERAIL	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "F"
36	EA	CABLE GUIDERAIL ANCHOR UNITS	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "G"
196	M	GENERIC GUARDRAIL ITEM REMOVE & RESET CABLE GUIDERAIL	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "H"
7.62	M	GENERIC GUARDRAIL ITEM WEATHERING STEEL BM GUARDRAIL, SHOP CURVED	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "I"
1	EA	GENERIC GUARDRAIL ITEM WEATHERING STEEL BM GUARDRAIL ANCHOR UNIT, TYPE AT-1	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "J"
1	EA	GENERIC GUARDRAIL ITEM WEATHERING STEEL BM GUARDRAIL ANCHOR UNIT, TYPE CAT-1	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "K"
16,458	M	WOVEN WIRE FENCE, 1200MM FAB- RIC	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "L"
3,468	EA	100MM TIMBER FENCE POSTS, ****M LONG (2.50M)	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "M"
709	EA	125MM TIMBER FENCE POSTS, 2.50M LONG	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "N"
1,200	M	ADDITIONAL BARBED WIRE	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "O"
310	MTN	PLAIN RIP RAP, CLASS I	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD DMS ASSEMBLY "DMS-1"
1,010	MTN	PLAIN RIP RAP, CLASS B	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "A"
3,050	M2	FILTER FABRIC FOR DRAINAGE	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "B"
28	M3	REINFORCED CONCRETE SIGN FOOT- INGS	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "C"
4	M3	PLAIN CONCRETE SIGN FOOTINGS	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "D"
14,100	KG	SUPPORTS, BREAKAWAY STEEL BEAM	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "E"
754	M	SUPPORTS, 4.5KG STEEL U-CHANNEL	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "F"
10	EA	SIGN ERECTION, TYPE D	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "G"
121	EA	SIGN ERECTION, TYPE E	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "H"
9	EA	SIGN ERECTION, TYPE F	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "I"
61	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "J"
26	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "K"
6	EA	RELOCATE SIGN, TYPE ***** (D)	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "L"
2	EA	RELOCATE SIGN, TYPE ***** (E)	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "M"
1	EA	RELOCATE SIGN, TYPE ***** (F)	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "N"
6	EA	DISPOSAL OF SUPPORT, STEEL BEAM	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "O"
2	EA	DISPOSAL OF SIGN SYSTEM, OVER- HEAD	Lump Sum	LS	WORK ZONE SIGNS (PORTABLE)
7	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	Lump Sum	LS	WORK ZONE SIGNS (BARRICADE MOUNTED)
49	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL	Lump Sum	LS	FLASHING ARROW PANELS, TYPE C
8	EA	DISPOSAL OF SUPPORT, U-CHANNEL	Lump Sum	LS	CHANGEABLE MESSAGE SIGNS
8	EA	DISPOSAL OF SIGN, A OR B (OVERHEAD)	Lump Sum	LS	WARNING FLAG SETS
45	EA	DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)	Lump Sum	LS	DRUMS
1	EA	GENERIC SIGNING ITEM DMS SYSTEM CLIENT COMPUTER	Lump Sum	LS	CONES
1	EA	GENERIC SIGNING ITEM DMS SYSTEM CONTROL SOFTWARE	Lump Sum	LS	BARRICADES (TYPE III)
1	EA	GENERIC SIGNING ITEM DMS SYSTEM LAPTOP COMPUTER	Lump Sum	LS	FLAGGER
1	EA	GENERIC SIGNING ITEM DMS SYSTEM SERVER COMPUTER	Lump Sum	LS	WARNING LIGHTS (TYPE B)
Lump Sum	LS	GENERIC SIGNING ITEM DMS BENCH TEST UNIT	60	M2	TRUCK MOUNTED IMPACT ATTENUA- TOR (45 MPH)
Lump Sum	LS	GENERIC SIGNING ITEM DMS MAINTENANCE TRAINING	14	M2	TRUCK MOUNTED IMPACT ATTENUA- TOR (60 MPH)
Lump Sum	LS	GENERIC SIGNING ITEM DMS SYSTEM "DMS-1"	2	EA	
Lump Sum	LS	GENERIC SIGNING ITEM DMS SYSTEM DESIGN APPROVAL TESTS	2	EA	
Lump Sum	LS	GENERIC SIGNING ITEM DMS SYSTEM OPERATIONAL FACTORY TESTS	20	EA	
Lump Sum	LS	GENERIC SIGNING ITEM DMS SYSTEM OPERATIONAL FIELD TESTS	355	EA	
			50	EA	
			120	M	
			800	MD	
			10	EA	
			1	EA	
			1	EA	

			2	EA	25MM RISER WITH WEATHERHEAD	
			7	EA	50MM RISER WITH WEATHERHEAD	
			770	M	INDUCTIVE LOOP SAWCUT	
			3,890	M	LEAD-IN CABLE	
40	HR	POLICE				
82	M2	GENERIC TRAFFIC CONTROL ITEM WORK ZONE SIGNS FLOURESCENT ORANGE SHEETING (STATIONARY)	5	EA	SIGNAL SUPPORT MAST ARM WITH METAL POLE	
1,000	M	REMOVABLE TAPE PAVEMENT MARK- ING LINES (100MM)	1	EA	DOUBLE MAST ARM WITH METAL POLE	
200	M	REMOVABLE TAPE PAVEMENT MARK- ING LINES (200MM)	6	EA	METAL SIGNAL POLE FOUNDATION	
50	M	REMOVABLE TAPE PAVEMENT MARK- ING LINES (600MM)	1	EA	MAST ARM WITH METAL POLE DE- SIGN	
950	EA	TEMPORARY RAISED PAVEMENT MARKERS	2	EA	SIGNAL CABINET FOUNDATION	
54,303	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)	2	EA	CABINET BASE ADAPTER	
15,132	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)	2	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)	
855	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)	14	EA	DETECTOR CHANNEL (TYPE 2070L)	
121	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)				
97	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)				
79,675	M	PAINT PAVEMENT MARKING LINES (100MM)				
1,030	M	PAINT PAVEMENT MARKING LINES (200MM)				
332	M	PAINT PAVEMENT MARKING LINES (600MM)				
96	EA	PAINT PAVEMENT MARKING SYMBOL				
2,000	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)				
1,604	EA	PERMANENT RAISED PAVEMENT MARKERS				
100	EA	FLEXIBLE DELINEATORS (CRYSTAL)				
100	EA	FLEXIBLE DELINEATORS (YELLOW)				
Lump Sum	LS	PORTABLE LIGHTING				
1	EA	BREAK DOWN & REBUILD EXISTING MANHOLE				
83	M	***MM STEEL ENCASEMENT PIPE, *****MM THICK, BY OPEN CUT (600MM, 6.35MM)				
15,260	M	TEMPORARY SILT FENCE				
280	MTN	STONE FOR EROSION CONTROL, CLASS A				
10,650	MTN	STONE FOR EROSION CONTROL, CLASS B				
4,700	MTN	SEDIMENT CONTROL STONE				
68.5	HA	TEMPORARY MULCHING				
4,400	KG	SEED FOR TEMPORARY SEEDING				
35.25	MTN	FERTILIZER FOR TEMPORARY SEED- ING				
3,075	M	TEMPORARY SLOPE DRAINS				
219	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS				
55,355	M3	SILT EXCAVATION				
12,050	M2	SYNTHETIC ROVING				
6,150	M2	MATting FOR EROSION CONTROL				
105	M2	PERMANENT SOIL REINFORCEMENT MAT				
1,420	M	6.4MM HARDWARE CLOTH				
104.5	HA	SEEDING & MULCHING				
36.5	HA	MOWING				
775	KG	SEED FOR REPAIR SEEDING				
2.5	MTN	FERTILIZER FOR REPAIR SEEDING				
2,925	KG	SEED FOR SUPPLEMENTAL SEEDING				
175.75	MTN	FERTILIZER TOPDRESSING				
2	HA	SPECIALIZED SEEDING UNDER GUIDERAIL & GUARDRAIL (CENTI- PEDE)				
75	HR	SPECIALIZED HAND MOWING				
28	EA	RESPONSE FOR EROSION CONTROL				
12.1	HA	REFORESTATION				
325	M	GENERIC EROSION CONTROL ITEM SAFETY FENCE				
975	M	SIGNAL CABLE				
20	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)				
2	EA	VEHICLE SIGNAL HEAD (300MM, 4 SECTION)				
14	EA	VEHICLE SIGNAL HEAD (300MM, 5 SECTION)				
60	M	MESSENGER CABLE (6.35MM)				
325	M	MESSENGER CABLE (9.52MM)				
20	M	TRENCHING (PAVED)				
860	M	TRENCHING (UNPAVED)				
175	M	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, 31.75MM (** CONDUIT) (2)				
12	EA	JUNCTION BOX (STANDARD SIZE)				
7	EA	WOOD POLE				
12	EA	GUY ASSEMBLY				

STRUCTURE ITEMS

Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 5+39.931-L1-REV-)				
1,369.1	M2	REINFORCED CONCRETE DECK SLAB				
1,227.1	M2	GROOVING BRIDGE FLOORS				
167.2	M3	CLASS A CONCRETE (BRIDGE)				
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (5+39.931-L1-REV-)				
15,274	KG	REINFORCING STEEL (BRIDGE)				
940	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)				
195,400	LS	APPROX KG STRUCTURAL STEEL				
1,131	M	HP310X79 STEEL PILES				
149.302	M	CONCRETE BARRIER RAIL				
795	M2	100MM SLOPE PROTECTION				
Lump Sum	LS	ELASTOMERIC BEARINGS				
Lump Sum	LS	EVAZOTE JOINT SEALS				

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031021 010

CONTRACT ID : C200933 36758

DIV OFFICE WILMINGTON

LENGTH = 29.300 MI

COUNTY : BRUNSWICK

MILLING, SHLDR RECONST, RESURFACING & PVT MARKINGS.

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

NC-904 FROM SE OF COLUMBUS COUNTY LINE TO SR-1321 AND 6 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
12	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
4	LF	18" RC PIPE CULVERTS, CLASS III
100	LF	*** CAA PIPE CULVERTS, ***** THICK (18", 0.064")
6	LF	*** CAA PIPE CULVERTS, ***** THICK (30", 0.079")
350	TON	INCIDENTAL STONE BASE
1.2	SMI	SHOULDER CONSTRUCTION
17.2	SMI	SHOULDER RECONSTRUCTION
10,600	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/4")
625	SY	INCIDENTAL MILLING
10,514	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
1,490	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
33,039	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
2,684	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
215	TON	GENERIC PAVING ITEM ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)
315	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (FULL DEPTH)
2,785	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (MILL)
2	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
97,175	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
36,650	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
150	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
6	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
311,970	LF	PAINT PAVEMENT MARKING LINES (4")
150	LF	PAINT PAVEMENT MARKING LINES (8")
100	LF	PAINT PAVEMENT MARKING LINES (16")
108	LF	PAINT PAVEMENT MARKING LINES (24")
4	EA	PAINT PAVEMENT MARKING CHARACTER
1,621	EA	PERMANENT RAISED PAVEMENT MARKERS
344	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS
14.5	ACR	SEEDING & MULCHING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031021 011

CONTRACT ID : C200930 36764

DIV OFFICE WILMINGTON

LENGTH = 27.580 MI

COUNTY : NEW HANOVER, ONSLOW, PENDER

DRAINAGE, SHOULDER RECONSTRUCTION, MILLING & RESURFACING.

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

VARIOUS SECTIONS OF NC-50 IN PENDER & ONSLOW COUNTY AND 23 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
2,170	CY	BORROW EXCAVATION
540	LF	*** CAA PIPE CULVERTS, ***** THICK (15", 0.064")
60	LF	*** CAA PIPE CULVERTS, ***** THICK (18", 0.064")
430	TON	INCIDENTAL STONE BASE
2.4	SMI	SHOULDER CONSTRUCTION
25.98	SMI	SHOULDER RECONSTRUCTION
65,825	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
100	SY	INCIDENTAL MILLING
6,346	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
20,712	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
11,665	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
200	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
20,789	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
3,395	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
25,345	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #6 STONE
380	TON	GENERIC PAVING ITEM ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)
236	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (FULL)
2,265	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (MILL)
650	SY	GENERIC PAVING ITEM INCIDENTAL CONCRETE
5	EA	ADJUSTMENT OF DROP INLETS
11	EA	ADJUSTMENT OF MANHOLES
28	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
100	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
119,225	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
57,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
40	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
8	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
300,450	LF	PAINT PAVEMENT MARKING LINES (4")
150	LF	PAINT PAVEMENT MARKING LINES (16")
120	LF	PAINT PAVEMENT MARKING LINES (24")
6	EA	PAINT PAVEMENT MARKING CHARAC- TER
985	EA	PERMANENT RAISED PAVEMENT MARKERS
509	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS
19.85	ACR	SEEDING & MULCHING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031021 012

CONTRACT ID : C200935 36769

DIV OFFICE WILMINGTON

LENGTH = 41.050 MI

COUNTY : SAMPSON, DUPLIN

SHLDR RECONST, MILLING, RESURFACING & PAVEMENT MARKINGS.

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

VARIOUS SECTIONS OF NC-55 AND NC-903 & 6 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
2,100	CY	MOBILIZATION
23	TON	BORROW EXCAVATION
16	LF	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
48	LF	18" RC PIPE CULVERTS, CLASS III
3	EA	24" RC PIPE CULVERTS, CLASS III
120	LF	**** RC FLARED END SECT (24")
20	LF	*** CAA PIPE CULVERTS, ***** THICK (15", 0.064")
15	LF	*** CAA PIPE CULVERTS, ***** THICK (18", 0.064")
20	LF	*** CAA PIPE CULVERTS, ***** THICK (3" X 1" CORRUGATIONS) (54", 0.138")
830	TON	PIPE REMOVAL
2.2	SMI	INCIDENTAL STONE BASE
39.5	SMI	SHOULDER CONSTRUCTION
500	SY	SHOULDER RECONSTRUCTION
15,235	TON	INCIDENTAL MILLING
7,138	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
24,011	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
25,474	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
4,215	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
602	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
86,625	SY	PATCHING EXISTING PAVEMENT
130	TON	ASPHALT SURFACE TREATMENT, MAT COAT, #6 STONE
237	TON	GENERIC PAVING ITEM
2,150	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)
3.03	CY	GENERIC PAVING ITEM
1	EA	PATCHING EXISTING PAVEMENT (FULL DEPTH)
1	EA	GENERIC PAVING ITEM
450	SY	PATCHING EXISTING PAVEMENT (MILL)
700	LF	PIPE COLLARS
5	EA	MASONRY DRAINAGE STRUCTURES
28	EA	FRAME WITH TWO GRATES, STD 840.16
220,175	LF	GENERIC PAVING ITEM
92,800	LF	INCIDENTAL CONCRETE
320	LF	STEEL BM GUARDRAIL
13	EA	ADDITIONAL GUARDRAIL POSTS
293,315	LF	GUARDRAIL ANCHOR UNITS, TYPE 350
1,332	EA	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
1,444	EA	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
32.7	ACR	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
		THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
		PAINT PAVEMENT MARKING LINES (4")
		PERMANENT RAISED PAVEMENT MARKERS
		SNOWPLOWABLE RAISED PAVEMENT MARKERS
		SEEDING & MULCHING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031021 013

CONTRACT ID : C200932 36795

DIV OFFICE WILMINGTON

LENGTH = 25.950 MI

COUNTY : ONSLOW

MILLING, SHLDR RECONST, RESURFACING & PVT MARKINGS.

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

VARIOUS SECTIONS OF US-17, US-258 & NC-172 AND 3 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	34,275	LF	INDUCTIVE LOOP SAWCUT
3,421	CY	BORROW EXCAVATION			
400	TON	INCIDENTAL STONE BASE			
33.4	SMI	SHOULDER RECONSTRUCTION			
40,500	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")			
66,850	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")			
37,960	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")			
36,385	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3-1/4")			
145,425	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (4")			
17,200	SY	INCIDENTAL MILLING			
4,543	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
10,561	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B			
33,676	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C			
10,372	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
64,672	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C			
1,597	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A			
3,052	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
4,202	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22			
3,725	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (FULL DEPTH)			
2,025	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (MILL)			
4,817	LF	2'-6" CONCRETE CURB & GUTTER			
27	EA	WHEELCHAIR RAMPS			
33	EA	ADJUSTMENT OF MANHOLES			
52	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES			
116,565	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			
254,239	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)			
3,310	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)			
1,800	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)			
28	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)			
714	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
292,876	LF	PAINT PAVEMENT MARKING LINES (4")			
3,310	LF	PAINT PAVEMENT MARKING LINES (8")			
100	LF	PAINT PAVEMENT MARKING LINES (16")			
1,730	LF	PAINT PAVEMENT MARKING LINES (24")			
20	EA	PAINT PAVEMENT MARKING CHARAC- TER			
566	EA	PAINT PAVEMENT MARKING SYMBOL			
482	EA	PERMANENT RAISED PAVEMENT MARKERS			
4,441	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS			
20.49	ACR	SEEDING & MULCHING			
24	EA	JUNCTION BOX (STANDARD SIZE)			

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031021 014

CONTRACT ID : C200934 3CR.10821.6

DIV OFFICE WILMINGTON

LENGTH = 52.850 MI

COUNTY : SAMPSON

SHLDR RECONST, MILLING, RESURFACING & PAVEMENT MARKINGS.

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

US-421 FROM S OF SR-1934 TO CLINTON CITY LIMIT; US-701 FROM US-421 TO N OF BRIDGE & 15 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	
	LS	MOBILIZATION
11,954	CY	BORROW EXCAVATION
900	TON	INCIDENTAL STONE BASE
60.7	SMI	SHOULDER RECONSTRUCTION
18,645	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/4")
158,169	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (4")
6,225	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (4-3/4")
2,815	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (6-1/2")
3,195	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
92,213	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
44,039	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
19,723	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
5,786	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
2,871	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
1,425	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (FULL DEPTH)
2,445	TON	GENERIC PAVING ITEM PATCHING EXISTING PAVEMENT (MILL)
3	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
344,316	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
187,760	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
7,475	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
5,840	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
275	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
24	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
176	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
552,471	LF	PAINT PAVEMENT MARKING LINES (4")
8,385	LF	PAINT PAVEMENT MARKING LINES (8")
275	LF	PAINT PAVEMENT MARKING LINES (24")
24	EA	PAINT PAVEMENT MARKING CHARAC- TER
78	EA	PAINT PAVEMENT MARKING SYMBOL
1,111	EA	PERMANENT RAISED PAVEMENT MARKERS
2,851	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS
41.08	ACR	SEEDING & MULCHING
3,300	LF	INDUCTIVE LOOP SAWCUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031021 015

CONTRACT ID : C200942 36930

DIV OFFICE DURHAM

LENGTH = 7.700 MI

COUNTY : VANCE

MILLING, SHLD RECONST, RESURFACING & PVMT MARKINGS.

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

US-1 BYPASS FROM SR-1287 TO US-158.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
55,200	LB	SEALING EXISTING PAVEMENT CRACKS
42.8	SMI	SHOULDER RECONSTRUCTION
110,000	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/4")
375	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
13,805	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
45,816	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
666	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
2,978	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
230,264	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
21,528	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
350	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
16	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
40,656	LF	PAINT PAVEMENT MARKING LINES (4")
1,016	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS
42.8	ACR	SEEDING & MULCHING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031021 017

CONTRACT ID : C200925 36781

DIV OFFICE FAYETTEVILLE

LENGTH = 28.400 MI

COUNTY : BLADEN, ROBESON

WIDENING, DRAINAGE, RESURFACING & PVT MARKINGS.

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

NC-211 FROM SNAKE RD TO BLADEN COUNTY LINE & FROM NC-242 TO COLUMBUS COUNTY LINE.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION	450	LF	LEAD-IN CABLE	
Lump Sum	LS	CONSTRUCTION SURVEYING				
Lump Sum	LS	CLEARING & GRUBBING . ACRE(S)				
2	ACR	SUPPLEMENTARY CLEARING & GRUBBING				***** BEGIN SCHEDULE AA ***** ***** (2 ALTERNATES) *****
1,500	CY	UNCLASSIFIED EXCAVATION	419,700	SY	MILLING ASPHALT PAVEMENT, ***" DEPTH	
6,000	CY	BORROW EXCAVATION				
10	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	70,600	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	
88	LF	18" RC PIPE CULVERTS, CLASS III	6,352	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	
132	LF	24" RC PIPE CULVERTS, CLASS III				*** OR ***
Lump Sum	LS	FINE GRADING	530	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	
860	TON	INCIDENTAL STONE BASE				
48.12	SMI	SHOULDER RECONSTRUCTION	5,051	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	
1,180	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	10,495	TON	GENERIC PAVING ITEM	
45,900	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	62,955	GAL	HOT MIX ASPHALT ADMIXTURE	
5	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR				GENERIC PAVING ITEM
5	TON	PATCHING EXISTING PAVEMENT	419,700	SY	EMULSIFIED ASPHALT REJUVENATING AGENT	
4.3	CY	ENDWALLS				GENERIC PAVING ITEM
800	LF	2'-6" CONCRETE CURB & GUTTER				HOT IN-PLACE RECYCLED ASPHALT CONC, TYPE I-19.0B
33	SY	CONCRETE WHEELCHAIR RAMPS				
15	SY	6" CONCRETE DRIVEWAY				*** END SCHEDULE AA ***
290	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)				
16	EA	ADJUSTMENT OF MANHOLES				
12	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES				
3,790	LF	STEEL BM GUARDRAIL				
30	EA	ADDITIONAL GUARDRAIL POSTS				
2	EA	GUARDRAIL ANCHOR UNITS, TYPE *****				
4	EA	GUARDRAIL ANCHOR UNITS, TYPE *****				
20	EA	GUARDRAIL ANCHOR UNITS, TYPE 350				
3,800	LF	REMOVE EXISTING GUARDRAIL				
288,300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)				
158,825	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)				
1,467	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)				
86	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)				
240	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)				
4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)				
31	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)				
447,125	LF	PAINT PAVEMENT MARKING LINES (4")				
1,467	LF	PAINT PAVEMENT MARKING LINES (8")				
172	LF	PAINT PAVEMENT MARKING LINES (16")				
288	LF	PAINT PAVEMENT MARKING LINES (24")				
4	EA	PAINT PAVEMENT MARKING CHARACTER				
31	EA	PAINT PAVEMENT MARKING SYMBOL				
480	EA	PERMANENT RAISED PAVEMENT MARKERS				
40.29	ACR	SEEDING & MULCHING				
50	LB	SEED FOR REPAIR SEEDING				
0.26	TON	FERTILIZER FOR REPAIR SEEDING				
2,400	LF	INDUCTIVE LOOP SAWCUT				

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031021 018

CONTRACT ID : C200926 6CR.10781.5

DIV OFFICE FAYETTEVILLE

LENGTH = 40.960 MI

COUNTY : ROBESON

MILLING, RESURFACING, SHOULDER RECONST & PVMT MARKINGS.

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

2 SECTIONS OF NC-20 & NC-72, 1 SECTION OF NC-71, NC-41 & US-501 AND 23 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
962	TON	INCIDENTAL STONE BASE
80.48	SMI	SHOULDER RECONSTRUCTION
10,396	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0" TO 2")
3,110	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
22,449	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5A
18,296	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
2,795	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
8	EA	ADJUSTMENT OF MANHOLES
17	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
164,300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
140,300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
278	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
16	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
23	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
457,700	LF	PAINT PAVEMENT MARKING LINES (4")
1,400	LF	PAINT PAVEMENT MARKING LINES (8")
1,875	EA	PERMANENT RAISED PAVEMENT MARKERS
102	ACR	SEEDING & MULCHING
950	LF	INDUCTIVE LOOP SAWCUT
100	LF	LEAD-IN CABLE

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L031021 019

CONTRACT ID : C200774 33228.3.1

DIV OFFICE ABERDEEN

LENGTH = 0.224 MI

COUNTY : RANDOLPH

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 10.0% COMPLETION DATE : DEC 31 2005

BRIDGE OVER MUDDY CREEK AND APPROACHES ON SR-1916 IN HIGH POINT.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (15+28.00 -L-)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
200	CY	UNDERCUT EXCAVATION
25	CY	DRAINAGE DITCH EXCAVATION
30	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
184	LF	15" SIDE DRAIN PIPE
24	LF	24" SIDE DRAIN PIPE
32	LF	15" RC PIPE CULVERTS, CLASS III
240	LF	PIPE REMOVAL
650	TON	AGGREGATE BASE COURSE
300	TON	INCIDENTAL STONE BASE
639	GAL	PRIME COAT
205	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
200	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
540	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5A
55	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	FRAME WITH TWO GRATES, STD 840.29
35	LF	SHOULDER BERM GUTTER
400	SY	6" CONCRETE DRIVEWAY
7	SY	4" CONCRETE PAVED DITCH
300	LF	STEEL BM GUARDRAIL
10	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
200	LF	TEMPORARY STEEL BM GUARDRAIL
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (III)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
75	TON	PLAIN RIP RAP, CLASS B
955	SY	FILTER FABRIC FOR DRAINAGE
2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
132	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
20	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
41	EA	DRUMS
256	HR	FLAGGER
43	EA	TEMPORARY RAISED PAVEMENT MARKERS
23,352	LF	PAINT PAVEMENT MARKING LINES (4")
600	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
15	EA	PERMANENT RAISED PAVEMENT MARKERS
23	TON	FOUNDATION CONDITIONING MATE- RIAL, UTILITIES CLASS ***** (IV)
23	TON	BEDDING MATERIAL, UTILITIES CLASS ***** (IV)
21	LF	6" DI WATER PIPE, CLASS ***** (50, 350#WP)
252	LF	*** DI RESTRAINED JOINT WATER PIPE, CLASS ***** (12", 50, 350#WP)
860	LB	DI RESTRAINED JOINT WATER PIPE FITTINGS, 250# MIN WP

74	LF	3/4" COPPER WATER PIPE, TYPE K
325	LB	DUCTILE IRON WATER PIPE FIT- TINGS, 250# MIN WP
1	EA	6" GATE VALVE & VALVE BOX, 200# WP
4	EA	RELOCATE EXISTING WATER METER
1	EA	RELOCATE EXISTING FIRE HYDRANT
3	EA	SANITARY SEWER CLEAN-OUT
40	LF	REMOVE ABANDONED *** PIPE (12", DI WATER)
2	EA	BREAK DOWN & REBUILD EXISTING MANHOLE
81	LF	GENERIC UTILITY ITEM 4" PVC SEWER PIPE, SCH 40
815	LF	TEMPORARY SILT FENCE
150	TON	STONE FOR EROSION CONTROL, CLASS A
535	TON	STONE FOR EROSION CONTROL, CLASS B
370	TON	SEDIMENT CONTROL STONE
1.5	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
30	LF	TEMPORARY SLOPE DRAINS
1	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
855	CY	SILT EXCAVATION
414	SY	SYNTHETIC ROVING
920	SY	MATTING FOR EROSION CONTROL
50	SY	PERMANENT SOIL REINFORCEMENT MAT
40	LF	1/4" HARDWARE CLOTH
10	EA	SPECIAL STILLING BASINS
2.5	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
1.75	TON	FERTILIZER TOPDRESSING
1.5	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL
0.5	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (15+28.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+28.00-L-)
77.2	LF	*** DIA DRILLED PIERS IN SOIL (3'-0")
40	LF	*** DIA DRILLED PIERS NOT IN SOIL (3'-0")
79	LF	PERMANENT STEEL CASING FOR *** DIA DRILLED PIER (3'-0")
1	EA	CROSSHOLE SONIC LOGGING
508.7	LF	CSL TUBES
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (15+28.00-L-)
60.2	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (15+28.00-L-)
17,106	LB	REINFORCING STEEL (BRIDGE)
2,028	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
210	LF	HP12X53 STEEL PILES
215	LF	CONCRETE BARRIER RAIL

195	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
220	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
1,290	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031021 020

CONTRACT ID : C200947 36804

DIV OFFICE ABERDEEN

LENGTH = 7.000 MI

COUNTY : RANDOLPH

SHOULDER RECONST, MILLING, RESURFACING & PAVEMENT MARKINGS.

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

US-311 FROM US-220 BYPASS TO SOUTH OF SR-1928.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
190	TON	INCIDENTAL STONE BASE
13.98	SMI	SHOULDER RECONSTRUCTION
97,935	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
380	SY	INCIDENTAL MILLING
17,075	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C
10,060	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
803	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
653	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
2	EA	ADJUSTMENT OF MANHOLES
2	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
73,960	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
93,430	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
1,500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
150	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
32	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
164,780	LF	PAINT PAVEMENT MARKING LINES (4")
1,759	EA	PERMANENT RAISED PAVEMENT MARKERS
150	LF	TEMPORARY SILT FENCE
140	TON	STONE FOR EROSION CONTROL, CLASS B
140	TON	SEDIMENT CONTROL STONE
10.19	ACR	SEEDING & MULCHING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031021 021

CONTRACT ID : C200922 36697

DIV OFFICE WINSTON-SALEM

LENGTH = 10.480 MI

COUNTY : FORSYTH, STOKES

SHDR CONST, CONC PAVING, ULTRA-THIN OVERLAY & PVMT MARKINGS.

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

US-52 FROM NC-8 IN FORSYTH COUNTY TO NORTH KING CITY LIMITS IN STOKES COUNTY.

ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
236,600	LB	MOBILIZATION GENERIC MISCELLANEOUS ITEM POLYMER MODIFIED CONC PAVEMENT REPAIR
150	CY	UNDERCUT EXCAVATION
46,362	LB	SEALING EXISTING PAVEMENT CRACKS & JOINTS
120	TON	INCIDENTAL STONE BASE
110,690	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
967	SY	INCIDENTAL MILLING
20,516	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
22,272	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
881	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,447	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
12,603	TON	GENERIC PAVING ITEM ULTRATHIN HOT MIX ASPHALT, TYPE B
385,482	SY	GENERIC PAVING ITEM APPLICATION OF ULTRATHIN HOT MIX ASPHALT
11,432	SY	GENERIC PAVING ITEM REMOVE & REPLACE EXISTING CONC PAVEMENT SLABS
4	EA	FLASHING ARROW PANELS, TYPE C
4	EA	CHANGEABLE MESSAGE SIGNS
2	EA	TEMPORARY CRASH CUSHIONS
2	EA	RESET TEMPORARY CRASH CUSHIONS
4	EA	TRUCK MOUNTED IMPACT ATTENUA- TOR (60 MPH)
3,000	LF	PORTABLE CONCRETE BARRIER
13,500	LF	RESET PORTABLE CONCRETE BAR- RIER
232,406	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
31,889	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
19,064	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
254,439	LF	PAINT PAVEMENT MARKING LINES (4")

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031021 022

CONTRACT ID : C200878 36368

DIV OFFICE NORTH WILKESBORO

LENGTH = 1.200 MI

COUNTY : WILKES

MILLING, RESURFACING & PAVEMENT MARKINGS.

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

NC-268 FROM BRIDGE #73 TO ITHACA DRIVE.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
42,240	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/4")
5,434	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
3,911	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
510	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
150	LF	2'-6" CONCRETE CURB & GUTTER
54	EA	ADJUSTMENT OF CATCH BASINS
10	EA	ADJUSTMENT OF MANHOLES
14	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
13,152	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
19,008	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
960	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
66	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
19,008	LF	PAINT PAVEMENT MARKING LINES (4")
100	LF	PAINT PAVEMENT MARKING LINES (24")
66	EA	PAINT PAVEMENT MARKING SYMBOL
336	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
25	LF	TRENCHING (PAVED)
20	LF	TRENCHING (UNPAVED)
1	EA	JUNCTION BOX (STANDARD SIZE)
500	LF	INDUCTIVE LOOP SAWCUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031021 023

CONTRACT ID : C200914 36704

DIV OFFICE NORTH WILKESBORO

LENGTH = 2.700 MI

COUNTY : CALDWELL

SHOULDER RECONST, MILLING, RESURFACING & PVMT MARKINGS.

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

US-321A FROM US-321 TO SOUTH OF LAKESIDE DRIVE.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
830	LB	SEALING EXISTING PAVEMENT CRACKS & JOINTS
350	TON	INCIDENTAL STONE BASE
5	SMI	SHOULDER RECONSTRUCTION
4,459	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
1,804	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
704	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
7,443	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
111	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
484	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
350	TON	PATCHING EXISTING PAVEMENT
250	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)
1	EA	ADJUSTMENT OF CATCH BASINS
2	EA	ADJUSTMENT OF DROP INLETS
5	EA	ADJUSTMENT OF MANHOLES
1	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
26,500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
19,140	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
160	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
13	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
178	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
3.5	ACR	SEEDING & MULCHING
25	LF	TRENCHING (PAVED)
20	LF	TRENCHING (UNPAVED)
2	EA	JUNCTION BOX (STANDARD SIZE)
500	LF	INDUCTIVE LOOP SAWCUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031021 024

CONTRACT ID : C200913 36708

DIV OFFICE NORTH WILKESBORO

LENGTH = 8.021 MI

COUNTY : AVERY

SHOULDER RECONST, MILLING, RESURFACING & PVMT MARKINGS.

MBE GOAL 5.0% WBE 3.0% COMPLETION DATE : SEP 03 2004

NC-105 FROM WATAUGA COUNTY TO SOUTH OF US-221/NC-181; NC-181 FROM BURKE COUNTY TO SOUTH OF US-221.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
400	TON	INCIDENTAL STONE BASE
16.05	SMI	SHOULDER RECONSTRUCTION
138,101	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")
5,783	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
20,675	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
376	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,344	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
86,296	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
52,932	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
150	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
38	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
530	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
8.03	ACR	SEEDING & MULCHING
50	LF	TRENCHING (PAVED)
50	LF	TRENCHING (UNPAVED)
2	EA	JUNCTION BOX (STANDARD SIZE)
1,000	LF	INDUCTIVE LOOP SAWCUT

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031021 025

CONTRACT ID : C200904 36660

DIV OFFICE SHELBY

LENGTH = 16.780 MI

COUNTY : CLEVELAND, GASTON, LINCOLN

MILLING, RESURFACING & SHOULDER CONSTRUCTION.

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

NC-216 FROM KINGS MTN CITY LIMIT TO NC-274 IN GASTON CO; NC-274 FROM NC-150 IN GASTON CO TO NC-27 IN LINCOLN CO.

ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
875	TON	INCIDENTAL STONE BASE
33.08	SMI	SHOULDER RECONSTRUCTION
4,102	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
22,078	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
350	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
1,457	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
600	TON	PATCHING EXISTING PAVEMENT
39,741	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #6 STONE
4	EA	GENERIC PAVING ITEM RETROFIT EXISTING WHEELCHAIR RAMPS
15	EA	ADJUSTMENT OF MANHOLES
1	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
177,454	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
135,769	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
8	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
372,522	LF	PAINT PAVEMENT MARKING LINES (4")
1,219	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031021 026

CONTRACT ID : C200924 36734

DIV OFFICE SHELBY

LENGTH = 3.730 MI

COUNTY : CATAWBA

SHDR RECONST, MILLING, RESURFACING & PAVEMENT MARKINGS.

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

US-70 FROM SR-1005 TO SR-1149.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
55	TON	INCIDENTAL STONE BASE
7.15	SMI	SHOULDER RECONSTRUCTION
3,000	SY	INCIDENTAL MILLING
13,027	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,400	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
938	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,303	TON	PATCHING EXISTING PAVEMENT
40,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
66,500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
180	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
425	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
144	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
1,050	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031021 027

CONTRACT ID : C200919 36743

DIV OFFICE SHELBY

LENGTH = 7.310 MI

COUNTY : ALEXANDER

SHLDR RECONST, DRAINAGE, MILLING, RESURFACING & GUARDRAIL.

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

US-64 & NC-90 FROM THE LOWER LITTLE RIVER TO CALDWELL COUNTY LINE.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	GRADING
500	TON	INCIDENTAL STONE BASE
14.62	SMI	SHOULDER RECONSTRUCTION
1,000	SY	INCIDENTAL MILLING
7,661	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
10,713	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
536	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
1,060	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,071	TON	PATCHING EXISTING PAVEMENT
109,481	SY	ASPHALT SURFACE TREATMENT, MAT COAT, #6 STONE
4	EA	METAL FUNNELS
60	LF	12" FUNNEL DRAIN PIPE
8	EA	12" FUNNEL DRAIN PIPE ELBOWS
260	LF	GENERIC PAVING ITEM 6" x 8" ASPHALT CURB
19,662.5	LF	STEEL BM GUARDRAIL
337.5	LF	STEEL BM GUARDRAIL, SHOP CURVED
10	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (III MOD)
72	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
15,725	LF	REMOVE EXISTING GUARDRAIL
77,792	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
70,282	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
19	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
284,128	LF	PAINT PAVEMENT MARKING LINES (4")
730	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS
50	TON	STONE FOR EROSION CONTROL, CLASS B

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L031021 028

CONTRACT ID : C200780 34846.3.3

DIV OFFICE ASHEVILLE

LENGTH = 0.456 MI

COUNTY : RUTHERFORD

WIDENING, GRADING, DRAINAGE, PAVING, C&G, & SIGNALS.

DBE GOAL 10.0% COMPLETION DATE : SEP 01 2005

SR-2179 (OAK ST EXT) FROM YOUNG ST TO US-221A (BROADWAY ST) IN FOREST CITY.

ROADWAY ITEMS

			5	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
			987.5	LF	STEEL BM GUARDRAIL
			16	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
Lump Sum	LS	MOBILIZATION	5	EA	ADDITIONAL GUARDRAIL POSTS
Lump Sum	LS	CONSTRUCTION SURVEYING	2	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
Lump Sum	LS	GENERIC MISCELLANEOUS ITEM MODULAR BLOCK WALL, STA 23+79.96 TO STA 25+33.48	2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
Lump Sum	LS	GRADING	550	SY	FILTER FABRIC FOR DRAINAGE
1.1	ACR	SUPPLEMENTARY CLEARING & GRUBBING	381	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
1,000	CY	UNDERCUT EXCAVATION	26	EA	SIGN ERECTION, TYPE E
500	SY	FABRIC FOR SOIL STABILIZATION	16	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
420	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	543	SF	WORK ZONE SIGNS (STATIONARY)
1,452	LF	15" RC PIPE CULVERTS, CLASS III	296	SF	WORK ZONE SIGNS (PORTABLE)
1,508	LF	18" RC PIPE CULVERTS, CLASS III	188	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
104	LF	24" RC PIPE CULVERTS, CLASS III	1	EA	FLASHING ARROW PANELS, TYPE C
176	LF	30" RC PIPE CULVERTS, CLASS III	10	EA	WARNING FLAG SETS
376	LF	***** RC PIPE CULVERTS, CLASS IV (18")	95	EA	DRUMS
312	LF	***** RC PIPE CULVERTS, CLASS IV (30")	21	EA	CONES
1,416	LF	PIPE REMOVAL	40	LF	BARRICADES (TYPE II)
1,200	TON	STABILIZER AGGREGATE	449	LF	BARRICADES (TYPE III)
9,500	TON	AGGREGATE BASE COURSE	64	MD	FLAGGER
500	TON	INCIDENTAL STONE BASE	4	EA	WARNING LIGHTS (TYPE B)
550	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (0 TO 2-1/2")	1	EA	TRUCK MOUNTED IMPACT ATTENUATOR (45 MPH)
900	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	60	HR	POLICE
5,750	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	2,270	LF	REMOVABLE TAPE PAVEMENT MARKING LINES (4")
3,500	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	285	EA	TEMPORARY RAISED PAVEMENT MARKERS
537	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	2,280	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
200	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	8,040	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
924	CY	SUBDRAIN EXCAVATION	30	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
90	CY	SUBDRAIN FINE AGGREGATE	1,682	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
500	LF	6" PERFORATED SUBDRAIN PIPE	305	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
15	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS	63	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	21,959	LF	PAINT PAVEMENT MARKING LINES (4")
6	LF	6" OUTLET PIPE (SUBDRAINS)	3,364	LF	PAINT PAVEMENT MARKING LINES (8")
0.175	CY	PIPE PLUGS	610	LF	PAINT PAVEMENT MARKING LINES (24")
48	EA	MASONRY DRAINAGE STRUCTURES	126	EA	PAINT PAVEMENT MARKING SYMBOL
4	EA	FRAME WITH TWO GRATES, STD 840.16	710	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
1	EA	FRAME WITH TWO GRATES, STD 840.29	4	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
2	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	285	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS
18	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	27	EA	7' U-CHANNEL POSTS
19	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	27	EA	OBJECT MARKERS (END OF ROAD)
4	EA	FRAME WITH COVER, STD 840.54	575	TON	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (VI)
5	EA	CONCRETE APRON FOR CATCH BASIN	575	TON	BEDDING MATERIAL, UTILITIES CLASS ***** (VI)
2	EA	CONCRETE APRON FOR DROP INLETS	2,081	TON	PAVEMENT REPAIR FOR UTILITY WORK
2,050	LF	1'-6" CONCRETE CURB & GUTTER	6	CY	CLASS B CONCRETE FOR ENCASING UTILITY LINES
4,300	LF	2'-6" CONCRETE CURB & GUTTER	1,060	LF	6" DI WATER PIPE, PC 350
4,300	SY	4" CONCRETE SIDEWALK	2,269	LF	8" DI WATER PIPE, PC 350
202	SY	CONCRETE WHEELCHAIR RAMPS	670	LF	3/4" COPPER WATER PIPE, TYPE K
250	SY	6" CONCRETE DRIVEWAY	3,605	LB	DUCTILE IRON WATER PIPE FITTINGS, 250# MIN WP
4,500	SY	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)	21	EA	3/4" CORPORATION STOP
3	EA	ADJUSTMENT OF MANHOLES	7	EA	***X*** TAPPING SADDLE (6" X 3/4")

			2	EA	MAST ARM WITH METAL POLE DESIGN
			1	EA	CONTROLLER WITH CABINET (NEMA TS-2, TYPE 2 CONTROLLER, TYPE 1 CABINET, BASE MOUNTED)
			8	EA	DETECTOR CHANNEL (NEMA TS-2)
			190	LF	GENERIC SIGNAL ITEM DIRECTIONAL DRILL POLYETHYLENE CONDUIT, 2" (2 CONDUIT)
14	EA	***X*** TAPPING SADDLE (8" X 3/4")			
1	EA	*** TRANSITION COUPLING, ***** (4", CI TO DI)			
7	EA	6" TRANSITION COUPLING, ***** (CI TO DI)			
6	EA	8" TRANSITION COUPLING, ***** (CI TO DI)			
7	EA	RELOCATE EXISTING WATER METER			
8	EA	RELOCATE EXISTING FIRE HYDRANT			
2,844	LF	8" DI SEWER PIPE, PC 350			
10	EA	SANITARY SEWER CLEAN-OUT			
1,850	LF	FILL OR REMOVE ABANDONED *** PIPE, ***** (6", CI WATER)			
1,020	LF	FILL OR REMOVE ABANDONED *** PIPE, ***** (8", CI WATER)			
3	EA	BREAK DOWN, PLUG, & FILL ABANDONED UTILITY MANHOLE			
2	EA	REMOVE EXISTING MANHOLE			
16	EA	GENERIC UTILITY ITEM 48" DIA PRECAST CONC SEWER MANHOLE, 0-6' DEPTH			
14	EA	GENERIC UTILITY ITEM 6" GATE VALVE AND VALVE BOX			
9	EA	GENERIC UTILITY ITEM 8" GATE VALVE AND VALVE BOX			
7	EA	GENERIC UTILITY ITEM INSTALL WATER METER ASSEMBLY			
10	LF	GENERIC UTILITY ITEM PRECAST CONC MANHOLE WALL, 48" OVER 6' HT			
1,400	LF	TEMPORARY SILT FENCE			
325	TON	STONE FOR EROSION CONTROL, CLASS A			
825	TON	STONE FOR EROSION CONTROL, CLASS B			
650	TON	SEDIMENT CONTROL STONE			
8.5	ACR	TEMPORARY MULCHING			
300	LB	SEED FOR TEMPORARY SEEDING			
1.25	TON	FERTILIZER FOR TEMPORARY SEEDING			
175	LF	TEMPORARY SLOPE DRAINS			
5	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS			
2,900	CY	SILT EXCAVATION			
950	SY	SYNTHETIC ROVING			
1,400	SY	MATting FOR EROSION CONTROL			
1,200	LF	1/4" HARDWARE CLOTH			
16	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			
12	TON	FERTILIZER TOPDRESSING			
2	HR	SPECIALIZED HAND MOWING			
12	EA	RESPONSE FOR EROSION CONTROL			
4	EA	PEDESTRIAN SIGNAL HEAD (12", 2 SECTION)			
770	LF	SIGNAL CABLE			
3	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)			
3	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)			
810	LF	MESSANGER CABLE (1/4")			
2,452	LF	TRACER WIRE			
1,694	LF	TRENCHING (UNPAVED)			
1,023	LF	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, 1-1/4" (** CONDUIT) (1)			
8	EA	JUNCTION BOX (STANDARD SIZE)			
11	EA	JUNCTION BOX (OVER-SIZED)			
2	EA	GUY ASSEMBLY			
2	EA	2" RISER WITH HEAT SHRINK TUBING			
710	LF	INDUCTIVE LOOP SAWCUT			
990	LF	LEAD-IN CABLE			
3,762	LF	COMMUNICATIONS CABLE (**FIBER) (12)			
2	EA	INTERCONNECT CENTER			
2	EA	FIBER-OPTIC TRANSCEIVER			
11	EA	DELINEATOR MARKER			
2	EA	SIGNAL SUPPORT MAST ARM WITH METAL POLE			
2	EA	METAL SIGNAL POLE FOUNDATION			
1	EA	SIGNAL PEDESTAL WITH FOUNDATION			

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031021 029

CONTRACT ID : C200917 36699

DIV OFFICE ASHEVILLE

LENGTH = 23.510 MI

COUNTY : BURKE

SHLDR RECONST, MILLING, RESURFACING & PAVEMENT MARKINGS.

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

NC-181 FROM FLEMING PLACE TO SR-1401.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1,137	TON	INCIDENTAL STONE BASE
45.46	SMI	SHOULDER RECONSTRUCTION
5,444	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")
4,506	SY	MILLING ASPHALT PAVEMENT, **** TO *****" DEPTH (0" TO 1-1/2")
14,094	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
58,596	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
4,472	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,176	TON	PATCHING EXISTING PAVEMENT
1	EA	WHEELCHAIR RAMPS
6	EA	ADJUSTMENT OF DROP INLETS
21	EA	ADJUSTMENT OF MANHOLES
37	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
248,266	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
265,373	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031021 030

CONTRACT ID : C200918 36702

DIV OFFICE ASHEVILLE

LENGTH = 7.020 MI

COUNTY : MCDOWELL

SHLDR RECONST, MILLING, RESURFACING & PVMT MARKINGS.

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

US-70 FROM SR-1103 TO SR-1422.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
329	TON	INCIDENTAL STONE BASE
13.16	SMI	SHOULDER RECONSTRUCTION
84,926	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/4")
8,777	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")
16,156	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
10,850	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,464	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
350	TON	PATCHING EXISTING PAVEMENT
2	EA	ADJUSTMENT OF MANHOLES
2	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
70,801	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
75,535	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031021 031

CONTRACT ID : C200938 36849

DIV OFFICE ASHEVILLE

LENGTH = 1.480 MI

COUNTY : BUNCOMBE

MILLING, RESURFACING & PVMT MARKINGS.

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

US-19/US-23 FROM PATTON AVE TO I-240.

ROADWAY ITEMS

Lump Sum	LS	SY	DESCRIPTION
	LS		MOBILIZATION
33,094	SY		MILLING ASPHALT PAVEMENT, **** DEPTH (3")
849	TON		ASPHALT CONC BASE COURSE, TYPE B25.0B
528	TON		ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
6,279	TON		ASPHALT CONC SURFACE COURSE, TYPE S9.5B
470	TON		ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
65	TON		PATCHING EXISTING PAVEMENT
85	EA		WHEELCHAIR RAMP
14	EA		ADJUSTMENT OF CATCH BASINS
32	EA		ADJUSTMENT OF MANHOLES
29	EA		ADJUSTMENT OF METER BOXES OR VALVE BOXES
17,715	LF		THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
404	LF		THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
326	LF		THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
18	EA		THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
49	EA		THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031021 032

CONTRACT ID : C200937 36914

DIV OFFICE ASHEVILLE

LENGTH = 12.960 MI

COUNTY : RUTHERFORD

MILLING, SHLDR RECONST, RESURFACING & PVMT MARKINGS.

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

US-74 BUS FROM US-221 TO ELLENBORO EAST CITY LIMITS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
389	TON	INCIDENTAL STONE BASE
14.34	SMI	SHOULDER RECONSTRUCTION
89,126	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (1-3/4" TO 2-1/2")
145,728	SY	MILLING ASPHALT PAVEMENT, **** TO ***** DEPTH (4" TO 5")
28,387	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
32,177	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
3,425	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
655	TON	PATCHING EXISTING PAVEMENT
87	EA	WHEELCHAIR RAMPS
8	EA	ADJUSTMENT OF CATCH BASINS
13	EA	ADJUSTMENT OF DROP INLETS
60	EA	ADJUSTMENT OF MANHOLES
55	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
85,008	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
146,969	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
300	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
1,836	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
64	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
217	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
Lump Sum	LS	PORTABLE LIGHTING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031021 033

CONTRACT ID : C200939 36919

DIV OFFICE ASHEVILLE

LENGTH = 12.920 MI

COUNTY : MADISON

SHLDR RECONSTRUCTION, RESURFACING & PAVEMENT MARKINGS.

MBE GOAL 5.0% WBE 3.0% COMPLETION DATE : SEP 02 2004

US-25/US-70 FROM SR-1392 TO THE APPALACHIAN TRAIL.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
25.84	SMI	SHOULDER RECONSTRUCTION
20,026	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,302	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
300	TON	PATCHING EXISTING PAVEMENT
136,435	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
140,528	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
96	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
12	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031021 034

CONTRACT ID : C200923 36737

DIV OFFICE SYLVA

LENGTH = 8.000 MI

COUNTY : CHEROKEE, CLAY

WIDENING, SHLDR RECONSTRUCTION, RESURFACING & PVT MARKINGS.

MBE GOAL 5.0% WBE 3.0% COMPLETION DATE : SEP 18 2004

US-64 FROM EAST OF SR-1548 TO WEST OF SR-1100.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
1,970	CY	UNCLASSIFIED EXCAVATION
400	CY	BORROW EXCAVATION
10	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
37	TON	INCIDENTAL STONE BASE
17,977	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
12,419	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,580	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
21	TON	PATCHING EXISTING PAVEMENT
17,000	LF	STEEL BM GUARDRAIL
105	LF	STEEL BM GUARDRAIL, SHOP CURVED
7	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (III MOD)
89	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
13,050	LF	REMOVE EXISTING GUARDRAIL
82,530	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
53,232	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
140	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
3	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
700	LF	TEMPORARY SILT FENCE
16	TON	STONE FOR EROSION CONTROL, CLASS B
0.9	ACR	SEEDING & MULCHING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031021 035

CONTRACT ID : C200936 14CR.10561.1

DIV OFFICE SYLVA

LENGTH = 16.930 MI

COUNTY : MACON

SHLDR RECONST, RESURFACING & PAVEMENT MARKINGS.

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

US-64 FROM JACKSON COUNTY TO NC-28 AND NC-28 FROM US-64 TO HIGHLAND EAST CITY LIMIT & 6 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
13.94	SMI	SHOULDER RECONSTRUCTION
17,206	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,536	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
351	TON	PATCHING EXISTING PAVEMENT
5,964	TON	GENERIC PAVING ITEM ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)
2	EA	WHEELCHAIR RAMPS
2	EA	GENERIC PAVING ITEM RETROFIT EXISTING WHEELCHAIR RAMPS
7	EA	ADJUSTMENT OF DROP INLETS
6	EA	ADJUSTMENT OF MANHOLES
19	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
82,032	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
80,006	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
181	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
186	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
156	LF	THERMOPLASTIC PAVEMENT MARKING LINES (12", 120 MILS)
12	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
9	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
104,292	LF	PAINT PAVEMENT MARKING LINES (4")

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L031021 036

CONTRACT ID : C200927 14CR.20201.1
DIV OFFICE SYLVA
COUNTY : CHEROKEE, CLAY, GRAHAM
RESURFACING.

DIV OFFICE SYLVA

LENGTH = 10.170 MI

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

5 SECTIONS OF SECONDARY ROADS.

ROADWAY ITEMS

Lump Sum	LS	
8,590	TON	MOBILIZATION ASPHALT CONC SURFACE COURSE, TYPE S9.5B
903	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
4,924	TON	GENERIC PAVING ITEM ASPHALT CONC SURFACE COURSE, TYPE SF9.5A (LEVELING COURSE)

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)	
		66	M	****MM RC PIPE CULVERTS, CLASS IV (750MM)	
Lump Sum	LS MOBILIZATION				
Lump Sum	LS CONSTRUCTION SURVEYING				
Lump Sum	LS GENERIC MISCELLANEOUS ITEM CRITICAL PATH METHOD SCHEDULE	194.4	M	****MM RC PIPE CULVERTS, CLASS IV (900MM)	
Lump Sum	LS CLEARING & GRUBBING ... HEC-TARE(S)	6	M	***MM BIT COAT CS PIPE CULVERTS, TYPE B ****MM THICK (150MM, 1.63MM)	
1.6	HA SUPPLEMENTARY CLEARING & GRUBBING	6	M	***MM BIT COAT CS PIPE CULVERTS, TYPE B ****MM THICK (200MM, 1.63MM)	
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	400MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	
Lump Sum	LS REINFORCED BRIDGE APPROACH FILL, STATION ***** (17+84.289 -I1I-40NB-)	220.8	M	450MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	
Lump Sum	LS REINFORCED BRIDGE APPROACH FILL, STATION ***** (18+04.376 -40SBREV-)	30	M	600MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK	
Lump Sum	LS REINFORCED BRIDGE APPROACH FILL, STATION ***** (18+05.190 -I1FLY-)	13.2	M	800MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK	
Lump Sum	LS REINFORCED BRIDGE APPROACH FILL, STATION ***** (18+05.190 -I1FLY-)	48	EA	400MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK	
Lump Sum	LS REINFORCED BRIDGE APPROACH FILL, STATION ***** (22+27.172 -40SBREV-)	19	EA	450MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK	
Lump Sum	LS REINFORCED BRIDGE APPROACH FILL, STATION ***** (22+27.172 -40SBREV-)	1	EA	600MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK	
Lump Sum	LS REINFORCED BRIDGE APPROACH FILL, STATION ***** (22+58.314 -I1FLY-)	1	EA	800MM BIT COAT CS PIPE ELBOWS, TYPE B 2.01MM THICK	
Lump Sum	LS REINFORCED BRIDGE APPROACH FILL, STATION ***** (30+19.017 -L-NB)	502.7	M	PIPE REMOVAL	
Lump Sum	LS REINFORCED BRIDGE APPROACH FILL, STATION ***** (30+19.017 -L-NB)	890	M2	150MM SLOPE PROTECTION	
Lump Sum	LS REINFORCED BRIDGE APPROACH FILL, STATION ***** (30+19.017 -L-SB)	Lump Sum	LS	FINE GRADING	
Lump Sum	LS REINFORCED BRIDGE APPROACH FILL, STATION ***** (30+19.017 -L-SB)	185,040	M2	LIME TREATED SOIL (SLURRY METHOD)	
Lump Sum	LS REINFORCED BRIDGE APPROACH FILL, STATION ***** (37+68.960 -L-NB)	2,040	MTN	LIME FOR LIME TREATED SOIL	
Lump Sum	LS REINFORCED BRIDGE APPROACH FILL, STATION ***** (37+68.960 -L-NB)	55	M3	#57 STONE	
Lump Sum	LS REINFORCED BRIDGE APPROACH FILL, STATION ***** (37+69.960 -L-SB)	500	MTN	STABILIZER AGGREGATE	
44,000	M3 UNDERCUT EXCAVATION	24,500	MTN	AGGREGATE BASE COURSE	
1,600	MTN CLASS IV SUBGRADE STABILIZATION	61,680	M2	****MM SOIL CEMENT BASE (180MM)	
1,595,000	M3 BORROW EXCAVATION	1,855	MTN	PORTLAND CEMENT FOR SOIL CEMENT BASE	
51,650	M3 DRAINAGE DITCH EXCAVATION	420	MTN	AGGREGATE FOR SOIL CEMENT BASE	
550	M BERM DITCH CONSTRUCTION	41,945	L	ASPHALT CURING SEAL	
13,300	M2 REMOVAL OF EXISTING ASPHALT PAVEMENT	1,000	MTN	INCIDENTAL STONE BASE	
85	HR PROOF ROLLING	5,550	L	PRIME COAT	
3,500	M3 SELECT GRANULAR MATERIAL	46,700	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B	
3,500	M2 FABRIC FOR SOIL STABILIZATION	21,100	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C	
285	M2 TEMPORARY SHORING - BARRIER SUPPORTED	5,900	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	
3,645	MTN SELECT MATERIAL, CLASS III	21,500	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	
3,075	MTN FOUNDATION CONDITIONING MATERIAL, MINOR STRS	22,400	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	
845	MTN GENERIC DRAINAGE ITEM BOULDERS	13,400	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	
118.2	M 375MM SIDE DRAIN PIPE	5,660	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	
3,645.6	M 375MM RC PIPE CULVERTS, CLASS III	871	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22	
1,582.8	M 450MM RC PIPE CULVERTS, CLASS III	100	MTN	ASPHALT PLANT MIX PAVEMENT REPAIR	
1,135.2	M 600MM RC PIPE CULVERTS, CLASS III	170,300	M2	****MM PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS) (280MM)	
564	M 750MM RC PIPE CULVERTS, CLASS III	46,200	M2	****MM PORT CEM CONC PAVEMENT, RAMPS (WITH DOWELS) (250MM)	
366	M 900MM RC PIPE CULVERTS, CLASS III	1,700	M2	****MM PORT CEM CONC PAVEMENT, MISCELLANEOUS (WITHOUT DOWELS) (250MM)	
109.2	M 1050MM RC PIPE CULVERTS, CLASS III				
440.4	M 1200MM RC PIPE CULVERTS, CLASS III	Lump Sum	LS	SURFACE TESTING CONCRETE PAVEMENT	
318	M 1350MM RC PIPE CULVERTS, CLASS III	Lump Sum	LS	FIELD LABORATORY RENTAL, PORT CEM CONC PAVEMENT	
130	M 1500MM RC PIPE CULVERTS, CLASS III	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 "K"
1	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "L"
2	EA	CONVERT EXISTING CATCH BASIN TO DROP INLET	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "A"
2	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "B"
3	EA	CONVERT EXISTING JUNCTION BOX TO DROP INLET	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "C"
3	EA	IMPACT ATTENUATOR UNIT, TYPE 350	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "D"
18,127.98	M	STEEL BM GUARDRAIL	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "E"
24	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "F"
10	EA	ADDITIONAL GUARDRAIL POSTS	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "G"
8	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77)	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "H"
38	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "I"
37	EA	GUARDRAIL ANCHOR UNITS, TYPE III	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "J"
43	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "K"
344	M	REMOVE & RESET EXISTING GUARDRAIL	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "L"
360	M	REMOVE EXISTING GUARDRAIL	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "A"
8,350	M	CHAIN LINK FENCE, *****MM FABRIC (1500MM)	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "B"
3,540	EA	METAL LINE POSTS FOR *****MM CHAIN LINK FENCE (1500MM)	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "C"
203	EA	METAL TERMINAL POSTS FOR *****MM CHAIN LINK FENCE (1500MM)	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "D"
15	M	WOVEN WIRE FENCE RESET	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "E"
350	MTN	PLAIN RIP RAP, CLASS I	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "F"
3,220	MTN	PLAIN RIP RAP, CLASS B	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "G"
8,540	M2	FILTER FABRIC FOR DRAINAGE	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "H"
7	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "I"
2,857.6	MTN	AGGREGATE BASE COURSE (SUB-BALLAST)	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "J"
100	EA	CROSS TIE REPLACEMENTS			

			2	M	***MM COPPER WATER PIPE, TYPE K (50MM)
			30	M	20MM COPPER WATER PIPE, TYPE K
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "K"	42	M	25MM COPPER WATER PIPE, TYPE K
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "L"	4,464	KG	DUCTILE IRON WATER PIPE FIT- TINGS, 1.72MPA MIN WP
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "M"	1	EA	25MM CORPORATION STOP
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "N"	1	EA	50MM CORPORATION STOP
Lump Sum	LS	GENERIC SIGNING ITEM STATIC LIGHTING FOR OVERHEAD SIGN ASSEMBLY "I"	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	WORK ZONE SIGNS (STATIONARY)	2	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ***MPA WP (300MM X 300MM, 1.38MPA)
213	M2	WORK ZONE SIGNS (PORTABLE)	2	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ***MPA WP (400MM X 400MM, 1.38MPA)
58	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)	2	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ***MPA WP (400MM X 400MM, 1.38MPA)
4	EA	FLASHING ARROW PANELS, TYPE C	1	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ***MPA WP (600MM X 150MM, 1.38MPA)
5	EA	CHANGEABLE MESSAGE SIGNS	1	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ***MPA WP (600MM X 150MM, 1.38MPA)
11	EA	WARNING FLAG SETS	1	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ***MPA WP (600MM X 150MM, 1.38MPA)
826	EA	DRUMS	1	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ***MPA WP (600MM X 300MM, 1.38MPA)
120	EA	CONES	1	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ***MPA WP (600MM X 300MM, 1.38MPA)
288	M	BARRICADES (TYPE III)	1	EA	*** X ***MM TAPPING SADDLE (150MM X 25MM)
2,880	HR	FLAGGER	1	EA	*** X ***MM TAPPING SADDLE (400MM X 50MM)
14	EA	TEMPORARY CRASH CUSHIONS	1	EA	*** X ***MM TAPPING SADDLE (400MM X 50MM)
5	EA	RESET TEMPORARY CRASH CUSHIONS	1	EA	***MM AIR RELEASE VALVE & MAN- HOLE (50MM)
3	EA	TRUCK MOUNTED IMPACT ATTENUA- TOR (60 MPH)	1	EA	***MM BLOW OFF ASSEMBLY (20MM)
4,114	M	PORTABLE CONCRETE BARRIER	4	EA	50MM BLOW OFF ASSEMBLY
100	M	RESET PORTABLE CONCRETE BAR- RIER	4	EA	RELOCATE EXISTING WATER METER
96	HR	POLICE	2	EA	FIRE HYDRANT, ***MPA WP (1.38MPA)
20	EA	TUBULAR MARKERS (FIXED)	6	EA	RELOCATE EXISTING FIRE HYDRANT
160	EA	TEMPORARY RAISED PAVEMENT MARKERS	45	M	***MM PVC SEWER PIPE, SDR 35 (100MM)
1,330	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)	352	M	***MM DI SEWER PIPE, CLASS *** (200MM, 53)
6,048	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)	674	M	200MM DI SEWER PIPE, PC 2.41MPA
363	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)	488	M	***MM DI FORCE MAIN SEWER PIPE PC ***MPA (200MM, 2.41MPA)
35	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)	494	KG	DUCTILE IRON SEWER PIPE FIT- TINGS, 1.72MPA MIN WP
4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)	9	EA	SANITARY SEWER CLEAN-OUT
58	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)	18	EA	1200MM DIA PRECAST CONC SEWER MANHOLE 0-1.8M DEPTH
25	EA	EPOXY PAVEMENT MARKING SYMBOL	31.5	M	PRECAST CONC MANHOLE WALL, ***MM DIA, OVER 1.8M HT (1200MM)
14,777	M	PAINT PAVEMENT MARKING LINES (100MM)	7.51	M	SEWER MANHOLE OUTSIDE DROP AS- SEMBLY
9,262	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)	166	M	FILL OR REMOVE ABANDONED ***MM PIPE, ***** (600MM, DI WATER)
86,511	M	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES, 150MM	237	M	FILL OR REMOVE ABANDONED 300MM PIPE, ***** (DI WATER)
2,678	M	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES, 300MM	125	M	FILL OR REMOVE ABANDONED 400MM PIPE, ***** (DI WATER)
25	EA	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING SYMBOL	18	EA	BREAK DOWN, PLUG, & FILL ABAN- DONED UTILITY MANHOLE
264	EA	PERMANENT RAISED PAVEMENT MARKERS	4	EA	REMOVE EXISTING MANHOLE
2,637	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS	6	EA	GENERIC UTILITY ITEM 150MM RESTRAINED RETAINER GLANDS
Lump Sum	LS	PORTABLE LIGHTING	28	EA	GENERIC UTILITY ITEM 200MM RESTRAINED RETAINER GLANDS
550	MTN	FOUNDATION CONDITIONING MATE- RIAL, UTILITIES CLASS ***** (IV)	4	EA	GENERIC UTILITY ITEM 300MM RESTRAINED RETAINER GLANDS
550	MTN	SELECT BACKFILL MATERIAL, UTILITIES CLASS **** (IV)	16	EA	GENERIC UTILITY ITEM 400MM RESTRAINED RETAINER GLANDS
69	MTN	PAVEMENT REPAIR FOR UTILITY WORK	3	EA	GENERIC UTILITY ITEM 50MM PLUG
45	M	***MM DI WATER PIPE, CLASS ***** WP (750MM, 56,2.41MPA)	330	MTN	GENERIC UTILITY ITEM #67 BEDDING STONE
257	M	150MM DI WATER PIPE, PC 2.41MPA	12,100	M	TEMPORARY SILT FENCE
13	M	200MM DI WATER PIPE, PC 2.41MPA	950	MTN	STONE FOR EROSION CONTROL, CLASS A
22	M	300MM DI WATER PIPE, PC 2.41MPA	27,150	MTN	STONE FOR EROSION CONTROL, CLASS B
499	M	400MM DI WATER PIPE, PC ***MPA (2.41MPA)			
347	M	600MM DI WATER PIPE, PC ***MPA (2.41MPA)			

				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				
93.5	HA	TEMPORARY MULCHING				
5,725	KG	SEED FOR TEMPORARY SEEDING		1	EA	GENERIC SIGNAL ITEM FURNISH FIBER OPTIC DEMULTI- PLEXER (FOTDEMUX)
46	MTN	FERTILIZER FOR TEMPORARY SEED- ING				
1,700	M	TEMPORARY SLOPE DRAINS		1	EA	GENERIC SIGNAL ITEM FURNISH FIBER OPTIC MULTIPLEX- ER (FOTMUX)
90	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS				
150,000	M3	SILT EXCAVATION		1	EA	GENERIC SIGNAL ITEM FURNISH VIDEO OPTICAL RECEIVER (VOR-D)
6,800	M2	SYNTHETIC ROVING				
33,500	M2	MATting FOR EROSION CONTROL		1	EA	GENERIC SIGNAL ITEM FURNISH VIDEO OPTICAL TRANS- MITTER (VOT-D)
2,100	M	6.4MM HARDWARE CLOTH				
300	M	***MM TEMPORARY PIPE (450MM)		46	EA	GENERIC SIGNAL ITEM JUNCTION BOX (OVER-SIZED)
1	EA	***X***X***MM PERFORATED CS PIPE TEE RISER, 1.63MM THICK (600MM X 600MM X 600MM)		1	EA	GENERIC SIGNAL ITEM RCU TERMINATION PANEL
900	M3	STILLING BASINS		1	EA	GENERIC SIGNAL ITEM RCU UNIT
138	HA	SEEDING & MULCHING				
50	HA	MOWING		4	EA	GENERIC SIGNAL ITEM SOIL TEST
1,100	KG	SEED FOR REPAIR SEEDING		3	EA	GENERIC SIGNAL ITEM VIDEO OPTICAL RECEIVER (VOR-D)
3.75	MTN	FERTILIZER FOR REPAIR SEEDING				
3,825	KG	SEED FOR SUPPLEMENTAL SEEDING		3	EA	GENERIC SIGNAL ITEM VIDEO OPTICAL TRANSMITTER (VOT-D)
228.5	MTN	FERTILIZER TOPDRESSING				
2.25	HA	SPECIALIZED SEEDING UNDER GUIDERAIL & GUARDRAIL (HARD FESCUE/BLUEGRASS)		17	M	GENERIC SIGNAL ITEM DRILLED PIER FOUNDATION (1066MM DIA)
75	M	IMPERVIOUS DIKE				
125	HR	SPECIALIZED HAND MOWING		2,500	M	GENERIC SIGNAL ITEM UNDERGROUND MULTI-DUCT CONDUIT 1-1/4" (31.75MM) (4 CONDUITS)
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)				
2	EA	VEHICLE SIGNAL HEAD (300MM, 5 SECTION)				
195	M	MESSENGER CABLE (9.52MM)				
50	M	JACK & BORE				
6,150	M	TRACER WIRE				
595	M	TRENCHING (UNPAVED)				
200	M	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, 31.75MM (** CONDUIT) (1)				
100	M	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, 31.75MM (** CONDUIT) (2)		826	MTN	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT
500	M	DIRECTIONAL DRILL OUTER-DUCT CONDUIT, 125MM		1,172	M3	CLASS A CONCRETE (CULVERT)
3,000	M	TRENCH MULTI-DUCT, 31.75MM (** CONDUIT) (2)		105,271	KG	REINFORCING STEEL (CULVERT)
500	M	MULTI-DUCT, 31.75MM IN OUTER- DUCT (** CONDUIT) (4)		29.2	MTN	PLAIN RIP RAP, CLASS ** (1)
4	EA	JUNCTION BOX (STANDARD SIZE)		21.5	M2	FILTER FABRIC FOR DRAINAGE
1	EA	WOOD POLE				
7	EA	GUY ASSEMBLY				
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)				
150	M	DROP CABLE				
3	EA	AERIAL SPLICE ENCLOSURE				
5	EA	INTERCONNECT CENTER				
30	EA	DELINEATOR MARKER				
4	EA	METAL STRAIN SIGNAL POLE				
4	EA	METAL SIGNAL POLE FOUNDATION				
2	EA	SIGN FOR SIGNALS				
1	EA	SIGNAL CABINET FOUNDATION				
1	EA	CABINET BASE ADAPTER				
1	EA	CONTROLLER WITH CABINET (NEMA TS-1, BASE MOUNTED)				
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

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-)
826	MTN	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT
1,172	M3	CLASS A CONCRETE (CULVERT)
105,271	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 ***** (19+20.000 -L-)

STRUCTURE ITEMS

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, 42+56.697 -L-)
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 ***** (3, 27+05.047 -L-)

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	70.8	M	****MM RC PIPE CULVERTS, CLASS IV (750MM)
23	EA	SEALING ABANDONED WELLS			
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	786	M	PIPE REMOVAL
80	HR	PROOF ROLLING	135	M2	150MM SLOPE PROTECTION
3,000	M3	SELECT GRANULAR MATERIAL	Lump Sum	LS	FINE GRADING
3,000	M2	FABRIC FOR SOIL STABILIZATION	69,840	M2	LIME TREATED SOIL (SLURRY METHOD)
1,800	M2	TEMPORARY SHORING	770	MTN	LIME FOR LIME TREATED SOIL
4,300	MTN	SELECT MATERIAL, CLASS II	500	MTN	STABILIZER AGGREGATE
2,250	MTN	SELECT MATERIAL, CLASS III	36,300	MTN	AGGREGATE BASE COURSE
2,240	MTN	FOUNDATION CONDITIONING MATERIAL, MINOR STRS	46,560	M2	***MM SOIL CEMENT BASE (180MM)
22	MTN	GENERIC DRAINAGE ITEM BOULDERS	1,400	MTN	PORTLAND CEMENT FOR SOIL CEMENT BASE
106.8	M	375MM SIDE DRAIN PIPE	320	MTN	AGGREGATE FOR SOIL CEMENT BASE
16.8	M	450MM SIDE DRAIN PIPE	79,200	L	ASPHALT CURING SEAL
30	M	300MM RC PIPE CULVERTS, CLASS III	500	MTN	INCIDENTAL STONE BASE
2,830.8	M	375MM RC PIPE CULVERTS, CLASS III	9,500	L	PRIME COAT
928.8	M	450MM RC PIPE CULVERTS, CLASS III	37,400	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B
578.4	M	600MM RC PIPE CULVERTS, CLASS III	24,100	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C
649.2	M	750MM RC PIPE CULVERTS, CLASS III	8,500	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
61.2	M	900MM RC PIPE CULVERTS, CLASS III	23,700	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
262.8	M	1050MM RC PIPE CULVERTS, CLASS III	22,600	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
116.4	M	1200MM RC PIPE CULVERTS, CLASS III	17,300	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
80.4	M	1350MM RC PIPE CULVERTS, CLASS III	5,700	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
38.4	M	1500MM RC PIPE CULVERTS, CLASS III	1,200	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
217.2	M	****MM RC PIPE CULVERTS, CLASS IV (1050MM)	100	MTN	ASPHALT PLANT MIX PAVEMENT REPAIR
102	M	****MM RC PIPE CULVERTS, CLASS IV (1200MM)	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		PERFORMED 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 NTCP 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	Lump Sum	LS		GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "I"
2	EA	ADJUSTMENT OF CATCH BASINS				
1	EA	ADJUSTMENT OF MANHOLES				
16,958.31	M	STEEL BM GUARDRAIL	Lump Sum	LS		GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "I"
68.58	M	STEEL BM GUARDRAIL, SHOP CURVED	Lump Sum	LS		GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "I"
2	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS	Lump Sum	LS		GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "I"
10	EA	ADDITIONAL GUARDRAIL POSTS	Lump Sum	LS		GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "I"
5	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77)	Lump Sum	LS		GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "I"
29	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	Lump Sum	LS		GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "I"
35	EA	GUARDRAIL ANCHOR UNITS, TYPE III	Lump Sum	LS		GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "I"
35	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	Lump Sum	LS		GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "I"
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 "H"		1,175	MTN	FOUNDATION CONDITIONING MATE- RIAL, UTILITIES CLASS ***** (IV)
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "I"		1,175	MTN	SELECT BACKFILL MATERIAL, UTILITIES CLASS **** (IV)
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "J"		85	MTN	PAVEMENT REPAIR FOR UTILITY WORK
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "L"		2	M	150MM DI WATER PIPE, PC 2.41MPA
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "M"		12	M	200MM DI WATER PIPE, PC 2.41MPA
	70	M2	WORK ZONE SIGNS (STATIONARY)			
	48	M2	WORK ZONE SIGNS (PORTABLE)	1,251	M	300MM DI WATER PIPE, PC 2.41MPA
	19	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)			
	2	EA	FLASHING ARROW PANELS, TYPE C	19	M	20MM COPPER WATER PIPE, TYPE K
	4	EA	WARNING FLAG SETS	166	M	50MM PVC WATER PIPE, SDR 21, 1.38MPA WP
	365	EA	DRUMS	1,163	KG	DUCTILE IRON WATER PIPE FIT- TINGS, 1.72MPA MIN WP
	150	EA	CONES			
	310	M	BARRICADES (TYPE III)	1	EA	20MM CORPORATION STOP
	58	HR	FLAGGER	1	EA	50MM CORPORATION STOP
	6	EA	TEMPORARY CRASH CUSHIONS	1	EA	***MM GATE VALVE & VALVE BOX, ***MPA WP (500MM, 1.38MPA)
	800	M	PORTABLE CONCRETE BARRIER	2	EA	200MM GATE VALVE & VALVE BOX, ***MPA WP (1.38MPA)
	690	EA	TEMPORARY RAISED PAVEMENT MARKERS	1	EA	300MM GATE VALVE & VALVE BOX, ***MPA WP (1.38MPA)
	7,320	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)	2	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ***MPA WP (200MM X 200MM, 1.38MPA)
	4,560	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)	3	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ***MPA WP (300MM X 300MM, 1.38MPA)
	470	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)	1	EA	*** X ***MM TAPPING SADDLE (300MM X 50MM)
	100	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)	1	EA	***MM AIR RELEASE VALVE & MAN- HOLE (50MM)
	8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)	3	EA	50MM BLOW OFF ASSEMBLY
	69	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)	3	EA	RELOCATE EXISTING WATER METER
	20,550	M	PAINT PAVEMENT MARKING LINES (100MM)	1	EA	RELOCATE EXISTING FIRE HYDRANT
	80	M	PAINT PAVEMENT MARKING LINES (200MM)	400	M	***MM PVC SEWER PIPE, SDR 35 (100MM)
	70	M	PAINT PAVEMENT MARKING LINES (600MM)	218	M	***MM DI SEWER PIPE, CLASS *** (450MM, 53)
	14	EA	PAINT PAVEMENT MARKING SYMBOL	195	M	200MM DI SEWER PIPE, PC 2.41MPA
	9,034	M	REMOVAL OF PAVEMENT MARKING LINES (100MM)	17	M	300MM DI SEWER PIPE, PC 2.41MPA
	18	M	REMOVAL OF PAVEMENT MARKING LINES (200MM)	50	M	450MM DI SEWER PIPE, PC ***MPA (2.41MPA)
	15	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	127	M	***MM DI FORCE MAIN SEWER PIPE PC ***MPA (150MM, 2.41MPA)
43,670	M	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES, 150MM		794	M	***MM DI FORCE MAIN SEWER PIPE PC ***MPA (200MM, 2.41MPA)
3,340	M	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING LINES, 300MM				
	2	EA	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING CHARACTER			

				125	M	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, 31.75MM (** CONDUIT)	(1)
117	M	***MM DI FORCE MAIN SEWER PIPE PC ***MPA (300MM, 2.41MPA)		250	M	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, 31.75MM (** CONDUIT)	(2)
246	M	***MM DI FORCE MAIN SEWER PIPE PC ***MPA (500MM, 2.41MPA)		200	M	DIRECTIONAL DRILL OUTER-DUCT CONDUIT, 125MM	
1,314	KG	DUCTILE IRON SEWER PIPE FITTINGS, 1.72MPA MIN WP		3,000	M	TRENCH MULTI-DUCT, 31.75MM (** CONDUIT)	(2)
20	EA	SANITARY SEWER CLEAN-OUT		200	M	MULTI-DUCT, 31.75MM IN OUTER-DUCT (** CONDUIT)	(4)
95	M	GENERIC UTILITY ITEM 500MM DI FORCE MAIN SEWER PIPE, CLASS 53		10	EA	JUNCTION BOX (STANDARD SIZE)	
13	EA	1200MM DIA PRECAST CONC SEWER MANHOLE 0-1.8M DEPTH		7	EA	GUY ASSEMBLY	
27.3	M	PRECAST CONC MANHOLE WALL, *****MM DIA, OVER 1.8M HT (1200MM)		2	EA	50MM RISER WITH WEATHERHEAD	
15	EA	BREAK DOWN, PLUG, & FILL ABANDONED UTILITY MANHOLE		995	M	INDUCTIVE LOOP SAWCUT	
1	EA	REMOVE EXISTING MANHOLE		1,555	M	LEAD-IN CABLE	
6	EA	GENERIC UTILITY ITEM 150MM RESTRAINED RETAINER GLANDS		1,275	M	COMMUNICATIONS CABLE (** TWISTED-PAIR)	(12)
22	EA	GENERIC UTILITY ITEM 200MM RESTRAINED RETAINER GLANDS		6,500	M	COMMUNICATIONS CABLE (**FIBER)	(144)
11	EA	GENERIC UTILITY ITEM 300MM RESTRAINED RETAINER GLANDS		600	M	DROP CABLE	
38	M	GENERIC UTILITY ITEM 300MM DI RESTRAINED JOINT FORCE MAIN SEWER PIPE, PC 2.41MPA WP		4	EA	AERIAL SPLICE ENCLOSURE	
1,175	MTN	GENERIC UTILITY ITEM #67 BEDDING STONE		7	EA	INTERCONNECT CENTER	
270	KG	DUCTILE IRON RESTRAINED JOINT SEWER PIPE FITTINGS, 1.72MPA MIN WP		40	EA	DELINEATOR MARKER	
Lump Sum	LS	GENERIC UTILITY ITEM PUMP STATION		8	EA	METAL STRAIN SIGNAL POLE	
9,200	M	TEMPORARY SILT FENCE		8	EA	METAL SIGNAL POLE FOUNDATION	
950	MTN	STONE FOR EROSION CONTROL, CLASS A		11	EA	SIGN FOR SIGNALS	
21,750	MTN	STONE FOR EROSION CONTROL, CLASS B		2	EA	SIGNAL CABINET FOUNDATION	
11,100	MTN	SEDIMENT CONTROL STONE		2	EA	CONTROLLER WITH CABINET (NEMA TS-1, BASE MOUNTED)	
79	HA	TEMPORARY MULCHING		23	EA	DETECTOR CHANNEL (NEMA TS-1)	
5,175	KG	SEED FOR TEMPORARY SEEDING		1	EA	SPLICE CABINET	
41.5	MTN	FERTILIZER FOR TEMPORARY SEEDING		3	EA	GENERIC SIGNAL ITEM CCTV ASSEMBLY	
1,000	M	TEMPORARY SLOPE DRAINS		3	EA	GENERIC SIGNAL ITEM CCTV METAL POLE	
60	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS		3	EA	GENERIC SIGNAL ITEM FIBER OPTIC DATA TRANSCEIVER (FOT)	
110,000	M3	SILT EXCAVATION		1	EA	GENERIC SIGNAL ITEM FURNISH FIBER OPTIC DATA TRANSCIEVER	
5,600	M2	SYNTHETIC ROVING		1	EA	GENERIC SIGNAL ITEM FURNISH VIDEO OPTICAL RECEIVER (VOR-D)	
27,000	M2	MATTING FOR EROSION CONTROL		1	EA	GENERIC SIGNAL ITEM FURNISH VIDEO OPTICAL TRANSMITTER (VOT-D)	
1,600	M	6.4MM HARDWARE CLOTH		46	EA	GENERIC SIGNAL ITEM JUNCTION BOX (OVER-SIZED)	
80	M	***MM TEMPORARY PIPE (450MM)		1	EA	GENERIC SIGNAL ITEM MODIFY EXISTING SPLICE CABINET ON GREENSBORO OUTER LOOP AT I-85	
1	EA	***X ***X***MM PERFORATED CS PIPE TEE RISER, 2.01MM THICK (900MM X 900MM X 900MM)		2	EA	GENERIC SIGNAL ITEM RCU TERMINATION PANEL	
700	M3	STILLING BASINS		2	EA	GENERIC SIGNAL ITEM RCU UNIT	
123	HA	SEEDING & MULCHING		8	EA	GENERIC SIGNAL ITEM SOIL TEST	
42	HA	MOWING		3	EA	GENERIC SIGNAL ITEM VIDEO OPTICAL RECEIVER (VOR-D)	
900	KG	SEED FOR REPAIR SEEDING		3	EA	GENERIC SIGNAL ITEM VIDEO OPTICAL TRANSMITTER (VOT-D)	
3	MTN	FERTILIZER FOR REPAIR SEEDING		34	M	GENERIC SIGNAL ITEM DRILLED PIER FOUNDATION (1066MM DIA)	
3,450	KG	SEED FOR SUPPLEMENTAL SEEDING		2,500	M	GENERIC SIGNAL ITEM UNDERGROUND MULTI-DUCT CONDUIT 1-1/4" (31.75MM) (4 CONDUITS)	
206.25	MTN	FERTILIZER TOPDRESSING					
2	HA	SPECIALIZED SEEDING UNDER GUIDERAIL & GUARDRAIL (HARD FESCUE/BLUEGRASS)					
85	M	IMPERVIOUS DIKE					
110	HR	SPECIALIZED HAND MOWING					
28	EA	RESPONSE FOR EROSION CONTROL					
720	M3	CULVERT DIVERSION CHANNEL					
4	HA	REFORESTATION		Lump Sum	LS	CULVERT EXCAVATION, STA ***** (80+61.000-L-)	
0.25	HA	STREAMBANK REFORESTATION		287	MTN	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT	
15	EA	GENERIC EROSION CONTROL ITEM ROOTWADS		359.6	M3	CLASS A CONCRETE (CULVERT)	
140	M2	GENERIC EROSION CONTROL ITEM COIR FIBER MAT		29,669	KG	REINFORCING STEEL (CULVERT)	
385	M	SIGNAL CABLE					
13	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)					
345	M	MESSENGER CABLE (9.52MM)					
6,950	M	TRACER WIRE					
200	M	TRENCHING (PAVED)					
690	M	TRENCHING (UNPAVED)		Lump Sum	LS	MSE RETAINING WALL, STA ***** (17+50.000-RP C- WALL 2)	

CULVERT ITEMS

WALL ITEMS

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			
1,574,000	M3 UNCLASSIFIED EXCAVATION	1,213.2	M	750MM RC PIPE CULVERTS, CLASS III
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 -I1I-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)
Lump Sum	LS UNDERCUT EXCAVATION	6	M	***MM BIT COAT CS PIPE CULVERTS, TYPE B ****MM THICK (200MM, 1.63MM)
69,000	M3 UNDERCUT EXCAVATION	866.4	M	400MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
3,600	MTN CLASS IV SUBGRADE STABILIZATION	286.8	M	450MM BIT COAT CS PIPE CULVERTS, TYPE B 1.63MM THICK
3,194,000	M3 BORROW EXCAVATION			
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			
33,300	M2 REMOVAL OF EXISTING ASPHALT PAVEMENT	27.6	M	800MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK
2,500	M2 BREAKING OF EXISTING ASPHALT PAVEMENT	15.6	M	900MM BIT COAT CS PIPE CULVERTS, TYPE B 2.01MM THICK
165	HR PROOF ROLLING	74	EA	400MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
6,500	M3 SELECT GRANULAR MATERIAL			
6,500	M2 FABRIC FOR SOIL STABILIZATION	27	EA	450MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
1,800	M2 TEMPORARY SHORING			
285	M2 TEMPORARY SHORING - BARRIER SUPPORTED	4	EA	600MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
4,300	MTN SELECT MATERIAL, CLASS II	3	EA	800MM BIT COAT CS PIPE ELBOWS, TYPE B 2.01MM THICK
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

			157	EA	FRAME WITH TWO GRATES, STD 840.22
			22	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
			31	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
			32	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
254,880	M2	LIME TREATED SOIL (SLURRY METHOD)			
2,810	MTN	LIME FOR LIME TREATED SOIL			
55	M3	#57 STONE			
1,000	MTN	STABILIZER AGGREGATE			
60,800	MTN	AGGREGATE BASE COURSE			
108,240	M2	***MM SOIL CEMENT BASE (180MM)			
3,255	MTN	PORTLAND CEMENT FOR SOIL CEMENT BASE			
740	MTN	AGGREGATE FOR SOIL CEMENT BASE			
121,145	L	ASPHALT CURING SEAL			
1,500	MTN	INCIDENTAL STONE BASE			
15,050	L	PRIME COAT			
84,100	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B			
45,200	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C			
14,400	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B			
45,200	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C			
45,000	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
30,700	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C			
11,360	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
2,071	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22			
200	MTN	ASPHALT PLANT MIX PAVEMENT REPAIR			
321,100	M2	***MM PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS) (280MM)			
18,000	M2	***MM PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS) (360MM)			
46,200	M2	***MM PORT CEM CONC PAVEMENT, RAMPS (WITH DOWELS) (250MM)			
3,700	M2	***MM PORT CEM CONC PAVEMENT, RAMPS (WITH DOWELS) (280MM)			
1,700	M2	***MM PORT CEM CONC PAVEMENT, MISCELLANEOUS (WITHOUT DOWELS) (250MM)			
2,700	M2	***MM PORT CEM CONC PAVEMENT, MISCELLANEOUS (WITHOUT DOWELS) (280MM)			
800	M2	***MM PORT CEM CONC PAVEMENT, MISCELLANEOUS (WITHOUT DOWELS) (360MM)			
Lump Sum	LS	SURFACE TESTING CONCRETE PAVEMENT			
Lump Sum	LS	FIELD LABORATORY RENTAL, PORT CEM CONC PAVEMENT			
194	EA	RIGHT OF WAY MARKERS			
4,282	M3	SUBDRAIN EXCAVATION			
2,284	M3	SUBDRAIN FINE AGGREGATE			
5,500	M	150MM PERFORATED SUBDRAIN PIPE			
550	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS			
37	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET			
74	M	150MM OUTLET PIPE (SUBDRAINS)			
33,312	M	SHOULDER DRAIN			
33,312	M	100MM SHOULDER DRAIN PIPE			
2,906	M	100MM OUTLET PIPE (SHOULDER DRAINS)			
107	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET			
20	MTN	BLOTTING SAND			
44.2	M3	ENDWALLS			
29.9	M3	REINFORCED ENDWALLS			
9.56	M3	PIPE COLLARS			
2	M3	PIPE PLUGS			
373	EA	MASONRY DRAINAGE STRUCTURES			
18.7	M3	MASONRY DRAINAGE STRUCTURES			
92	M	MASONRY DRAINAGE STRUCTURES			
6	EA	FRAME WITH GRATE, STD 840.**** (840.16)			
7	EA	FRAME WITH GRATE, STD 840.22			
106	EA	FRAME WITH TWO GRATES, STD 840.***** (840.20)			
1	EA	FRAME WITH TWO GRATES, STD 840.***** (840.37)			
3	EA	FRAME WITH TWO GRATES, STD 840.16			
			350	M	450MM CONCRETE CURB & GUTTER
			6,560	M	750MM CONCRETE CURB & GUTTER
			2,295	M	SHOULDER BERM GUTTER
			6	EA	MODIFIED CONCRETE FLUME
			7,800	M	CONCRETE EXPRESSWAY GUTTER
			175	M2	CONCRETE WHEELCHAIR RAMPS
			200	M2	150MM CONCRETE DRIVEWAY
			125	M2	100MM CONCRETE PAVED DITCH
			350	M2	75MM CONCRETE ISLAND COVERS
			550	M2	125MM MONOLITHIC CONCRETE ISLANDS (KEYED IN)
			290	M	CONCRETE BARRIER, TYPE ***** (T)
			1	EA	CONCRETE BARRIER TRANSITION SECTION
			955	M	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
			2	EA	ADJUSTMENT OF CATCH BASINS
			1	EA	ADJUSTMENT OF MANHOLES
			1	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX
			2	EA	CONVERT EXISTING CATCH BASIN TO DROP INLET
			2	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX
			3	EA	CONVERT EXISTING JUNCTION BOX TO DROP INLET
			3	EA	IMPACT ATTENUATOR UNIT, TYPE 350
			35,086.29	M	STEEL BM GUARDRAIL
			68.58	M	STEEL BM GUARDRAIL, SHOP CURVED
			26	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
			20	EA	ADDITIONAL GUARDRAIL POSTS
			13	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77)
			67	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
			72	EA	GUARDRAIL ANCHOR UNITS, TYPE III
			78	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
			344	M	REMOVE & RESET EXISTING GUARDRAIL
			565	M	REMOVE EXISTING GUARDRAIL
			160.02	M	TEMPORARY STEEL BM GUARDRAIL
			2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
			8,350	M	CHAIN LINK FENCE, ****MM FABRIC (1500MM)
			10,420	M	CHAIN LINK FENCE, ****MM FABRIC (1800MM)
			3,540	EA	METAL LINE POSTS FOR ****MM CHAIN LINK FENCE (1500MM)
			2,860	EA	METAL LINE POSTS FOR ****MM CHAIN LINK FENCE (1800MM)
			203	EA	METAL TERMINAL POSTS FOR ****MM CHAIN LINK FENCE (1500MM)
			138	EA	METAL TERMINAL POSTS FOR ****MM CHAIN LINK FENCE (1800MM)
			15	M	WOVEN WIRE FENCE RESET
			1,220	MTN	PLAIN RIP RAP, CLASS I
			4,220	MTN	PLAIN RIP RAP, CLASS B
			14,540	M2	FILTER FABRIC FOR DRAINAGE
			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 "A" FOR U-2524AB
96	EA	SIGN ERECTION, TYPE E	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "B" FOR U-2524AB
8	EA	SIGN ERECTION, TYPE F	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "C" FOR U-2524AB
15	EA	SIGN ERECTION, TYPE *** (OVER- HEAD) (A)	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "D" FOR U-2524AB
30	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "E" FOR U-2524AB
8	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "F" FOR U-2524AB
10	EA	SIGN ERECTION, MILEMARKERS	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "G" FOR U-2524AB
15	EA	SIGN ERECTION, OVERLAY (OVER- HEAD)	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "H" FOR U-2524AB
2	EA	SIGN ERECTION, OVERLAY (GROUND MOUNTED)	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "I" FOR U-2524AB
1	EA	RELOCATE SIGN, TYPE ***** (A, GROUND MOUNTED)	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "J" FOR U-2524AB
2	EA	RELOCATE SIGN, TYPE ***** (A, OVERHEAD)	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "K" FOR U-2524AB
4	EA	RELOCATE SIGN, TYPE ***** (B, OVERHEAD)	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "L" FOR U-2524AB
2	EA	DISPOSAL OF SUPPORT, STEEL BEAM	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "M" FOR U-2524AB
37	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "N" FOR U-2524AB
7	EA	DISPOSAL OF SIGN, A OR B (OVERHEAD)	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "O" FOR U-2524AB
3	EA	DISPOSAL OF SIGN, D, E OR F	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 SYSTEM (DMS-1)	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD DYNAMIC MESSAGE SIGN ASSEMBLY "Q" FOR U-2524AC
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM (DMS-2)	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD DYNAMIC MESSAGE SIGN ASSEMBLY "R" FOR U-2524AC
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN BENCH TEST UNIT	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "A" FOR U-2524AB
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN MAINTEN- ANCE TRAINING	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "A" FOR U-2524AC
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "B" FOR U-2524AB
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM INTEGRATION	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "B" FOR U-2524AC
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM NTCIP ACCEPTANCE TESTS	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "C" FOR U-2524AB
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM OPERATIONAL FACTORY TEST	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "C" FOR U-2524AC
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM OPERATIONAL FIELD TESTS	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "D" 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 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 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 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 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 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 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
			6	EA	2.1M U-CHANNEL POSTS
			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-2524AC	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)
			3	EA	30.5M HIGH MOUNT STANDARD
			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-2524AC	1	EA	LIGHT CONTROL EQUIPMENT, TYPE RW ***** (240/480V, 150A, 1PH, 3W)
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "N"	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	WORK ZONE SIGNS (PORTABLE)	Lump Sum	LS	PORTABLE LIGHTING
77	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)	1,725	MTN	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (IV)
6	EA	FLASHING ARROW PANELS, TYPE C	1,725	MTN	SELECT BACKFILL MATERIAL, UTILITIES CLASS **** (IV)
5	EA	CHANGEABLE MESSAGE SIGNS			
15	EA	WARNING FLAG SETS			
1,191	EA	DRUMS	154	MTN	PAVEMENT REPAIR FOR UTILITY WORK
270	EA	CONES			
598	M	BARRICADES (TYPE III)	45	M	***MM DI WATER PIPE, CLASS ***** WP (750MM, 56.2.41MPA)
2,938	HR	FLAGGER	259	M	150MM DI WATER PIPE, PC 2.41MPA
20	EA	TEMPORARY CRASH CUSHIONS			
5	EA	RESET TEMPORARY CRASH CUSHIONS	25	M	200MM DI WATER PIPE, PC 2.41MPA
3	EA	TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH)			
4,914	M	PORTABLE CONCRETE BARRIER	1,273	M	300MM DI WATER PIPE, PC 2.41MPA
100	M	RESET PORTABLE CONCRETE BARRIER	499	M	400MM DI WATER PIPE, PC ***MPA (2.41MPA)
96	HR	POLICE	347	M	600MM DI WATER PIPE, PC ***MPA (2.41MPA)
20	EA	TUBULAR MARKERS (FIXED)			
850	EA	TEMPORARY RAISED PAVEMENT MARKERS	2	M	***MM COPPER WATER PIPE, TYPE K (50MM)
8,650	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)	49	M	20MM COPPER WATER PIPE, TYPE K
10,608	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)	42	M	25MM COPPER WATER PIPE, TYPE K
833	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)	166	M	50MM PVC WATER PIPE, SDR 21, 1.38MPA WP
135	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)	5,627	KG	DUCTILE IRON WATER PIPE FITTINGS, 1.72MPA MIN WP
12	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)	1	EA	20MM CORPORATION STOP
127	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)	1	EA	25MM CORPORATION STOP
25	EA	EPOXY PAVEMENT MARKING SYMBOL	2	EA	50MM CORPORATION STOP
35,327	M	PAINT PAVEMENT MARKING LINES (100MM)	1	EA	***MM GATE VALVE & VALVE BOX, ***MPA WP (500MM, 1.38MPA)
80	M	PAINT PAVEMENT MARKING LINES (200MM)	1	EA	***MM GATE VALVE & VALVE BOX, ***MPA WP (600MM, 1.38MPA)
70	M	PAINT PAVEMENT MARKING LINES (600MM)	7	EA	150MM GATE VALVE & VALVE BOX, 1.38MPA WP
14	EA	PAINT PAVEMENT MARKING SYMBOL			

			50	EA	GENERIC UTILITY ITEM 200MM RESTRAINED RETAINER GLANDS
2	EA	200MM GATE VALVE & VALVE BOX, ****MPA WP (1.38MPA)	15	EA	GENERIC UTILITY ITEM 300MM RESTRAINED RETAINER GLANDS
1	EA	300MM GATE VALVE & VALVE BOX, ****MPA WP (1.38MPA)	16	EA	GENERIC UTILITY ITEM 400MM RESTRAINED RETAINER GLANDS
2	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ****MPA WP (150MM X 150MM, 1.38MPA)	3	EA	GENERIC UTILITY ITEM 50MM PLUG
4	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ****MPA WP (200MM X 200MM, 1.38MPA)	38	M	GENERIC UTILITY ITEM 300MM DI RESTRAINED JOINT FORCE MAIN SEWER PIPE, PC 2.41MPA WP
5	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ****MPA WP (300MM X 300MM, 1.38MPA)	1,505	MTN	GENERIC UTILITY ITEM #67 BEDDING STONE
2	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ****MPA WP (400MM X 400MM, 1.38MPA)	270	KG	GENERIC UTILITY ITEM DUCTILE IRON RESTRAINED JOINT SEWER PIPE FITTINGS, 1.72MPA MIN WP
1	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ****MPA WP (600MM X 150MM, 1.38MPA)	Lump Sum	LS	GENERIC UTILITY ITEM PUMP STATION
1	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ****MPA WP (600MM X 300MM, 1.38MPA)	21,300	M	TEMPORARY SILT FENCE
1	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ****MPA WP (600MM X 300MM, 1.38MPA)	1,900	MTN	STONE FOR EROSION CONTROL, CLASS A
1	EA	*** X ***MM TAPPING SADDLE (150MM X 25MM)	48,900	MTN	STONE FOR EROSION CONTROL, CLASS B
1	EA	*** X ***MM TAPPING SADDLE (300MM X 50MM)	24,875	MTN	SEDIMENT CONTROL STONE
1	EA	*** X ***MM TAPPING SADDLE (400MM X 50MM)	172.5	HA	TEMPORARY MULCHING
2	EA	***MM AIR RELEASE VALVE & MAN- HOLE (50MM)	10,900	KG	SEED FOR TEMPORARY SEEDING
1	EA	***MM BLOW OFF ASSEMBLY (20MM)	87.5	MTN	FERTILIZER FOR TEMPORARY SEED- ING
7	EA	50MM BLOW OFF ASSEMBLY	2,700	M	TEMPORARY SLOPE DRAINS
7	EA	RELOCATE EXISTING WATER METER	150	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
2	EA	FIRE HYDRANT, ****MPA WP (1.38MPA)	260,000	M3	SILT EXCAVATION
7	EA	RELOCATE EXISTING FIRE HYDRANT	12,400	M2	SYNTHETIC ROVING
445	M	***MM PVC SEWER PIPE, SDR 35 (100MM)	60,500	M2	MATTING FOR EROSION CONTROL
352	M	***MM DI SEWER PIPE, CLASS *** (200MM, 53)	3,700	M	6.4MM HARDWARE CLOTH
218	M	***MM DI SEWER PIPE, CLASS *** (450MM, 53)	380	M	***MM TEMPORARY PIPE (450MM)
869	M	200MM DI SEWER PIPE, PC 2.41MPA	1	EA	***X***X***MM PERFORATED CS PIPE TEE RISER, 1.63MM THICK (600MM X 600MM X 600MM)
17	M	300MM DI SEWER PIPE, PC 2.41MPA	1	EA	***X ***X***MM PERFORATED CS PIPE TEE RISER, 2.01MM THICK (900MM X 900MM X 900MM)
50	M	450MM DI SEWER PIPE, PC ****MPA (2.41MPA)	1,600	M3	STILLING BASINS
127	M	***MM DI FORCE MAIN SEWER PIPE PC ****MPA (150MM, 2.41MPA)	261	HA	SEEDING & MULCHING
1,282	M	***MM DI FORCE MAIN SEWER PIPE PC ****MPA (200MM, 2.41MPA)	92	HA	MOWING
117	M	***MM DI FORCE MAIN SEWER PIPE PC ****MPA (300MM, 2.41MPA)	2,000	KG	SEED FOR REPAIR SEEDING
246	M	***MM DI FORCE MAIN SEWER PIPE PC ****MPA (500MM, 2.41MPA)	6.75	MTN	FERTILIZER FOR REPAIR SEEDING
1,808	KG	DUCTILE IRON SEWER PIPE FIT- TINGS, 1.72MPA MIN WP	7,275	KG	SEED FOR SUPPLEMENTAL SEEDING
29	EA	SANITARY SEWER CLEAN-OUT	434.75	MTN	FERTILIZER TOPDRESSING
95	M	GENERIC UTILITY ITEM 500MM DI FORCE MAIN SEWER PIPE, CLASS 53	4.25	HA	SPECIALIZED SEEDING UNDER GUIDERAIL & GUARDRAIL (HARD FESCUE/BLUEGRASS)
31	EA	1200MM DIA PRECAST CONC SEWER MANHOLE 0-1.8M DEPTH	160	M	IMPERVIOUS DIKE
58.8	M	PRECAST CONC MANHOLE WALL, ****MM DIA, OVER 1.8M HT (1200MM)	235	HR	SPECIALIZED HAND MOWING
7.51	M	SEWER MANHOLE OUTSIDE DROP AS- SEMBLY	56	EA	RESPONSE FOR EROSION CONTROL
166	M	FILL OR REMOVE ABANDONED ***MM PIPE, ***** (600MM, DI WATER)	1,220	M3	CULVERT DIVERSION CHANNEL
237	M	FILL OR REMOVE ABANDONED 300MM PIPE, ***** (DI WATER)	8.5	HA	REFORESTATION
125	M	FILL OR REMOVE ABANDONED 400MM PIPE, ***** (DI WATER)	2.18	HA	STREAMBANK REFORESTATION
33	EA	BREAK DOWN, PLUG, & FILL ABAN- DONED UTILITY MANHOLE	15	EA	GENERIC EROSION CONTROL ITEM ROOTWADS
5	EA	REMOVE EXISTING MANHOLE	1,540	M2	GENERIC EROSION CONTROL ITEM COIR FIBER MAT
12	EA	GENERIC UTILITY ITEM 150MM RESTRAINED RETAINER GLANDS	545	M	SIGNAL CABLE
			17	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)
			2	EA	VEHICLE SIGNAL HEAD (300MM, 5 SECTION)
			540	M	MESSENGER CABLE (9.52MM)
			50	M	JACK & BORE
			13,100	M	TRACER WIRE
			200	M	TRENCHING (PAVED)
			1,285	M	TRENCHING (UNPAVED)
			325	M	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, 31.75MM (** CONDUIT) (1)
			350	M	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, 31.75MM (** CONDUIT) (2)
			700	M	DIRECTIONAL DRILL OUTER-DUCT CONDUIT, 125MM
			6,000	M	TRENCH MULTI-DUCT, 31.75MM (** CONDUIT) (2)
			700	M	MULTI-DUCT, 31.75MM IN OUTER- DUCT (** CONDUIT) (4)
			14	EA	JUNCTION BOX (STANDARD SIZE)
			1	EA	WOOD POLE
			14	EA	GUY ASSEMBLY

			Lump Sum	LS	CULVERT EXCAVATION, STA ***** (80+61.000-L-)
			1,113	MTN	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
4	EA	50MM RISER WITH WEATHERHEAD	1,531.6	M3	CLASS A CONCRETE (CULVERT)
1,210	M	INDUCTIVE LOOP SAWCUT	134,940	KG	REINFORCING STEEL (CULVERT)
2,140	M	LEAD-IN CABLE	29.2	MTN	PLAIN RIP RAP, CLASS ** (1)
1	EA	MICROWAVE VEHICLE DETECTOR			
75	M	TYPE 2 LEAD-IN CABLE	21.5	M2	FILTER FABRIC FOR DRAINAGE
2,425	M	COMMUNICATIONS CABLE (**TWISTED-PAIR) (12)			
12,500	M	COMMUNICATIONS CABLE (**FIBER) (144)			

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-)

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (24+73.000 -L-)	158.4	M	****MM DIA DRILLED PIERS IN SOIL (1067MM)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (25+35.778 -CSLIP-)	421.5	M	****MM DIA DRILLED PIERS IN SOIL (1220MM)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (31+72.000 -L-)	90.5	M	****MM DIA DRILLED PIERS IN SOIL (1676MM)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (36+90.000 -L-)	24	M	****MM DIA DRILLED PIERS NOT IN SOIL (1067MM)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (45+56.821 -L-)			

			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	196.48	M	GENERIC STRUCTURE ITEM TWO BAR METAL RAIL (ALUMINUM) (STA 52+82.882-L-)	
10	EA	CROSSHOLE SONIC LOGGING				
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 -I1I40SBREV-)				
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (18+08.003 -40SBREV-)				
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (22+49.139 -IIFLY-)				
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 REINFORCING 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				

