

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY GOVERNOR

LYNDO TIPPETT SECRETARY

March 18, 2003

MEMORANDUM TO:

FROM:

R. A. Garris, P. E. Abhum Contract Office

SUBJECT:

Upgrade to Expedite 5.1a

Please be advised that effective with the March 18th, 2003 bid letting, North Carolina Department of Transportation will be upgrading from Expedite 4.3b to Expedite 5.1a. These two versions of software are not backward compatible, meaning files generated in one version can not be opened in the other version. So, the timing and upgrade of this software on your part is extremely critical in submitting bids to North Carolina for March 2003 and forward.

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 4.3b version to ensure no confusion in the future. Once you have installed Expedite 5.1a, 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/

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATON INVITATION TO BID

ELECTRONIC BIDS FOR THE CONSTRUCTION OF THE FOLLOWING PROJECTS WILL BE PUBLICLY READ IN ROOM 156-A/B, THE DESIGN SERVICES LARGE CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. AT 10:00AM ON JUNE 17, 2003. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 10:00 A.M.

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

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

A BID BOND OR BID DEPOSIT IN THE AMOUNT OF 5% OF THE TOTAL AMOUNT BID WILL BE REQUIRED. THE BIDDER SHALL USE THE STANDARD BID BOND FORM OF THE DEPARTMENT OF TRANSPORTATION, UNLESS HE ELECTS TO FURNISH A BID DEPOSIT. COPIES OF THIS BOND FORM WILL BE ENCLOSED WITH EACH PROPOSAL FORM. ADDITIONAL BOND FORMS MAY BE OBTAINED FROM THE RALEIGH OFFICE. (PHONE - 919-250-4124).

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

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

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

PREQUALIFYING TO BID: ALL PROSPECTIVE BIDDERS SHALL BE PREQUALIFIED WITH THE DEPARTMENT OF TRANSPORTATION PRIOR TO SUBMITTING A BID. CONTRACTORS WHO ARE NOT PREQUALIFIED MAY OBTAIN INFORMATION AND FORMS FOR PREQUALIFYING FROM THE MANAGER OF CONSTRUCTION, DIVISION OF HIGHWAYS, DEPARTMENT OF TRANSPORTATION, 1543 MAIL SERVICE CENTER, RALEIGH, N. C., 27699-1543. ALL REQUIRED PREQUALIFICATION STATEMENTS AND DOCUMENTS SHALL BE FILED WITH THE MANAGER OF CONSTRUCTION AT LEAST TWO WEEKS PRIOR TO THE DATE OF OPENING BIDS.

THE DEPARTMENT OF TRANSPORTATION HEREBY NOTIFIES ALL BIDDDERS 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 MAY 20, 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.

DIV NO	. DIVISION ENGINEER	LOCATION	TOWN	TELEPHONE
00001	D. R. Conner	113 AIRPORT DRIVE	EDENTON	(252) 482-7977
00002	C. E. Lassiter, Jr.	105 PACTOLUS ROAD	GREENVILLE	(252) 830-3490
-00003	H. A. Pope	124 DIVISION DRIVE	WILMINGTON	(910) 251-5724
00004	J. H. Trogdon, III	509 WARD BOULEVARD	WILSON	(252) 237-6164
00005	J. G. Nance	2612 NORTH DUKE STREET	DURHAM	(919) 560-6851
00006	T. R. Gibson	558 GILLESPIE STREET	FAYETTEVILLE	(910) 486-1493
00007	J. M. Mills	1534 YANCEYVILLE STREET	GREENSBORO	(336) 334-3192
00008	W. F. Rosser	902 N. SANDHILLS BOULEVARD	ABERDEEN	(910) 944-2344
00009	S. P. Ivey	2125 CLOVERDALE AVENUE	WINSTON-SALEM	(336) 631-1340
00010	B. G. Payne	716 WEST MAIN STREET	ABLEMARLE	(704) 982-0101
00011	R. C. McCann	NC-115 WEST	NORTH WILKESBORO	(336) 667-9111
00012	M. L. Holder	1710 EAST MARION STREET	SHELBY	(704) 480-5400
00013	J. J. Swain	55 ORANGE STREET	ASHEVILLE	(828) 251-6171
00014	R. G. Watson	253 WEBSTER ROAD	SYLVA	(828) 586-2141

CTIMIN	MADV	OF DD	OPOSALS	
SUNI	VIAK Y	OF FR	ULUSALS	

Bid I	etting Numb	er L030617			
RPN	Contract Id	WBS	County	Length	JobType
004	C200731	34456.3.17	WASHINGTON	17.490 KM	PAVING, GUARDRAIL, GUIDERAIL & SIGNING.
005	C200561	34452.3.4	CRAVEN, PAMLICO	4.617 KM	WIDENING, GRADING, DRAINAGE, PAVING & STRUCTURES.
006	C200717	32875.3.2	BRUNSWICK	0.238 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
007	C200727	32700.3.2	GRANVILLE, VANCE	0.143 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
008	C200732	34631.3.2	COLUMBUS	16.204 MI	WIDENING, RESURFACING, SAFETY IMPROVEMENTS & CULVERTS.
009	C200724	33275.3.1	CHATHAM	0.261 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
010	C200728	34431.3.3	LEE	2.163 KM	WIDENING, GRADING, DRAINAGE, PAVING NOISE WALL & STR.
Bid I	Letting Numb	per L030715			
RPN	Contract Id	WBS	County	Length	JobType
* 001	C200526	34154.3.14	GUILFORD	3.909 KM	WIDENING, GRADING, DRAINAGE, PAVING, LIGHTING & STRS.
* 002	C200524	34820.3.18	GUILFORD	3.012 KM	WIDENING, GRADING, DRAINAGE, PAVING & STRUCTURES.
* 003	C200734	34154.3.14 ETC	GUILFORD	6.921 KM	WIDENING, GRADING, DRAINAGE, PAVING, LIGHTING & STRS.

^{*} THE NOTED PROJECTS ARE IN THE JUL 15 2003 LETTING WITH AN EIGHT WEEK ADVERTISEMENT. BECAUSE OF THE MAGNITUDE OF THESE PROJECTS, PRICES ARE AS FOLLOWS: Plans (SMALL SIZE) \$60.00 per set, Plans (LARGE SIZE) \$200.00 per set, plus sales tax for N.C. residents.

FAX ORDER FORM

N.C.D.O.T. LETTING - ATTN: R. A. GARRIS, P.E. - CONTRACT OFFICER FAX NUMBER: (919) 250-4127

PHONE NUMBER: (919) 250-4124

INVOICE ADDRESS:	SS:		PHYS	PHYSICAL ADDRESS:	DRESS:					
P.O. BOX:			COMP	COMPANY NAME:	ä					
CITY:			STREE	STREET ADDRESS:	S:					
ZIP:			CITY:_							
CONTACT PERSON:			ZIP:							
DATE ORDERED:			PHONE:	ü						
E-MAIL ADDRESS:			FAX#							
*PLAN HOLDERS LIST: *INDICATE BY YES OR NAME WILL APPEAR O	*PLAN HOLDERS LIST: *INDICATE BY YES OR NO FOR ALL PROJECTS YOU ORDER. IF YOU DO NOT INDICATE A YES OR NO, WE WILL CONSIDER THIS AS A YES AND YOUR NAME WILL APPEAR ON THE PLAN HOLDER'S LIST. *INDICATE BY YES OR NO FOR ALL PROJECTS YOU ORDER. IF YOU WANT YOUR NAME TO APPEAR ON THE PLAN HOLDER'S LIST.	ECTS YOU OF	DER. IF	YOU DO NG THAT YO	OT INDICAT U WANT YO	E A <u>YES</u> OI UR NAME 1	R <u>NO,</u> WE WII TO APPEAR O	L CONSIDER THE THE PLAN HO	IIS AS A <u>YES</u> AND LDER'S <mark>LIST</mark> .	YOUR
PLAN HOLDERS		PROPOSAL	RDWY.	RDWY.	STRUCT.	STRUCT.	CROSS	ROADWAY	STRUCTURE SUBSURFACE	
	NOMBER(S)		TOWN							

N.C.D.O.T. LETTING - ATTN: R. A. GARRIS, P.E. - CONTRACT OFFICER FAX NUMBER: (919) 250-4127
PHONE NUMBER: (919) 250-4124

COMPANY NAME:	VAME:_					CITY:					
*PLAN HOLDERS LIST:	ERS LIST	<i>::</i> :1									
*INDICATE B' NAME WILL #	Y <u>YES</u> OI APPEAR	*INDICATE BY YES OR NO FOR ALL PROJECTS YOU ORDER. IF YOU DO NOT INDICATE A YES OR NO, WE WILL CONSIDER THIS AS A YES AND YOUR NAME WILL APPEAR ON THE PLAN HOLDER'S LIST.	DJECTS YOU DER'S LIST.	ORDER. 1 YES MEA	IF YOU DO	NOT INDIC	CATE A YES	OR NO, WE TE TO APPEA	WILL CONSIDEI R ON THE PLAN	t THIS AS A YES A HOLDER'S LIST.	ND YOUR
PLAN H LIST:YI	OLDERS ES OR NO	PLAN HOLDERS PROJECT LIST:YES OR NO NUMBER(S)	PROPOSAL RDWY. RDWY. STRUCT STRUCT CROSS SMALL LARGE SMALL LARGE SECTION	RDWY.	RDWY. LARGE	RDWY. RDWY. STRUCT STRUCT SMALL LARGE SMALL LARGE	STRUCT	CROSS SECTIONS	CROSS ROADWAY SECTIONS SUBSURFACE	STRUCTURE SUBSURFACE	

Page: 1 of 30

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L030617 004

CONTRACT ID: C200731

34456.3.17

DIV OFFICE EDENTON

LENGTH = 17.490 KM

COUNTY

: WASHINGTON

PAVING, GUARDRAIL, GUIDERAIL & SIGNING.

MBE GOAL 8.0% WBE 4.0% COMPLETION DATE: SEP 01 2005

US-64 FROM WEST OF SR-1126 SOUTHEAST OF ROPER TO EAST OF SR-1304 WEST OF CRESWELL.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	GENERIC MISCELLANEOUS ITEM FINE GRADING
42,800	М3	BORROW EXCAVATION
5,500	MTN	STABILIZER AGGREGATE
155,100	MTN	AGGREGATE BASE COURSE
67,400	MTN	ASPHALT CONC INTERMEDIATE
,		COURSE, TYPE I19.0B
44,000	MTN	ASPHALT CONC SURFACE COURSE,
ć 000	3 em 7	TYPE S9.5B
6,028	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
56,500	M	MILLED RUMBLE STRIPS
127	MTN	GENERIC PAVING ITEM
		#57 STONE FOR MEDIAN CROSSOVER
18	MTN	GENERIC PAVING ITEM SAND FOR PAVING BLOCKS FOR
		MEDIAN CROSSOVER
940	EA	GENERIC PAVING ITEM
		PAVING BLOCKS FOR MEDIAN
		CROSSOVER
25	EA	FRAME WITH TWO GRATES, STD 840.****
		(840.20)
1,790	M	SHOULDER BERM GUTTER
1	EA	MODIFIED CONCRETE FLUME
25	EA	ADJUSTMENT OF DROP INLETS
2,564.13	M	STEEL BM GUARDRAIL
10	EA	ADDITIONAL GUARDRAIL POSTS
33	EA	GUARDRAIL ANCHOR UNITS, TYPE *********
		(B-83)
13	EA	GUARDRAIL ANCHOR UNITS, TYPE
		CAT-1
13	EA	GUARDRAIL ANCHOR UNITS, TYPE
- 11	EA	350 GUARDRAIL ANCHOR UNITS, TYPE
11	EA	M-350
14,000	M	DOUBLE FACED CABLE GUIDERAIL
58	EA	CABLE GUIDERAIL ANCHOR UNITS
800	M2	FILTER FABRIC FOR DRAINAGE
10	M3	REINFORCED CONCRETE SIGN FOOT-
2	М3	INGS PLAIN CONCRETE SIGN FOOTINGS
2 4,981	KG	SUPPORTS, BREAKAWAY STEEL BEAM
259	KG	SUPPORTS, SIMPLE STEEL BEAM
291	M	SUPPORTS, 4.5KG STEEL
		U-CHANNEL
22	EA	SUPPORTS, 3KG STEEL U-CHANNEL
333	M	SUPPORTS, WOOD
16	EA	SIGN ERECTION, TYPE D
56	EA	SIGN ERECTION, TYPE E
27	EA EA	SIGN ERECTION, TYPE F SIGN ERECTION, TYPE ***
9	EA	(GROUND MOUNTED)
		(A)
16	EA	SIGN ERECTION, TYPE ***
		(GROUND MOUNTED)
22	EA	(B) SIGN ERECTION, MILEMARKERS
26	M2	WORK ZONE SIGNS (PORTABLE)
30	EA	DRUMS
63,681	M	THERMOPLASTIC PAVEMENT MARKING
,		LINES (100MM, 2.3MM)
6,725	M	THERMOPLASTIC PAVEMENT MARKING
1.012	M	LINES (100MM, 3.1MM)
1,013	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)
12	EA	THERMOPLASTIC PAVEMENT MARKING
		SYMBOL (2.3MM)
1,514	M	COLD APPLIED PLASTIC PAVEMENT
1.51.	1.6	MARKING LINES (100MM)
1,514 1,745	M EA	CURING COMPOUND REMOVAL, LINES PERMANENT RAISED PAVEMENT
1,743	L-ri	MARKERS

500	M	TEMPORARY SILT FENCE
415	MTN	STONE FOR EROSION CONTROL, CLASS A
1,000	MTN	STONE FOR EROSION CONTROL, CLASS B
1,000	MTN	SEDIMENT CONTROL STONE
32	HA	TEMPORARY MULCHING
1,225	KG	SEED FOR TEMPORARY SEEDING
9.75	MTN	FERTILIZER FOR TEMPORARY SEED-ING
150	M	TEMPORARY SLOPE DRAINS
10	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
2,000	M3	SILT EXCAVATION
1,000	M2	SYNTHETIC ROVING
1,000	M2	MATTING FOR EROSION CONTROL
200	M	6.4MM HARDWARE CLOTH
29	HA	SEEDING & MULCHING
18	HA	MOWING
400	KG	SEED FOR REPAIR SEEDING
1.5	MTN	FERTILIZER FOR REPAIR SEEDING
825	KG	SEED FOR SUPPLEMENTAL SEEDING
48.5	MTN	FERTILIZER TOPDRESSING
140	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL
2.6	HA	GENERIC EROSION CONTROL ITEM SPECIALIZED SEEDING UNDER GUARDRAIL & GUIDERAIL (CENTI- PEDE)

Page: 2 of 30

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L030617 005

CONTRACT ID: C200561

DIV OFFICE GREENVILLE

LENGTH = 4.617 KM

COUNTY : CRAVEN, PAMLICO

WIDENING, GRADING, DRAINAGE, PAVING & STRUCTURES.

DBE GOAL 10.0% COMPLETION DATE: DEC 31 2006

NC-55 FROM WEST OF SR-1600 IN CRAVEN COUNTY TO EAST OF SR-1127 IN PAMLICO COUNTY.

		ROADWAY ITEMS	500 50	M EA	150MM PERFORATED SUBDRAIN PIPE 150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS
			4	EA	CONCRETE PAD FOR SUBDRAIN PIPE
Lump Sum 38	LS MO	MOBILIZATION GENERIC MISCELLANEOUS ITEM			OUTLET
50	1410	FIELD OFFICE	8	M	150MM OUTLET PIPE (SUBDRAINS)
Lump Sum	LS	CLEARING & GRUBBING HEC-	10.2 9.1	M3 M3	ENDWALLS REINFORCED ENDWALLS
1.2	HA	TARE(S) SUPPLEMENTARY CLEARING & GRUB-	5.64	M3	PIPE COLLARS
1.2	па	BING	0.2	M3	PIPE PLUGS
40,000	M3	UNCLASSIFIED EXCAVATION	4	EA	MASONRY DRAINAGE STRUCTURES
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ************************************	4	EA	FRAME WITH TWO GRATES, STD 840.****
		(41+45.000)			(840.29)
35,000	M3	UNDERCUT EXCAVATION	120	M	*** X ***MM CONCRETE CURB
32,000	M3	BORROW EXCAVATION	46	М	(200M X 450MM) SHOULDER BERM GUTTER
292 1,610	M3 M2	DRAINAGE DITCH EXCAVATION REMOVAL OF EXISTING ASPHALT	85	M2	150MM CONCRETE DRIVEWAY
1,010	1412	PAVEMENT	70	M2	125MM MONOLITHIC CONCRETE IS-
250	M2	REMOVAL OF EXISTING CONCRETE	483,91	M	LANDS (KEYED IN) STEEL BM GUARDRAIL
1,140	M2	PAVEMENT BREAKING OF EXISTING CONCRETE	5	EA	ADDITIONAL GUARDRAIL POSTS
1,110	1.12	PAVEMENT	2	EA	GUARDRAIL ANCHOR UNITS, TYPE
17	HR	PROOF ROLLING		T.4	CAT-1
60,000	M3 M2	SELECT GRANULAR MATERIAL FABRIC FOR SOIL STABILIZATION	4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
2,500 800	M2	TEMPORARY SHORING - BARRIER	2	EA	GUARDRAIL ANCHOR UNITS, TYPE
		SUPPORTED	140	N 4773AT	350
236	MTN	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS	142 934	MTN M2	PLAIN RIP RAP, CLASS B FILTER FABRIC FOR DRAINAGE
194.1	М	****MM SIDE DRAIN PIPE	5	M3	REINFORCED CONCRETE SIGN FOOT-
		(375MM)			INGS
67.2	M	****MM SIDE DRAIN PIPE (450MM)	1 2 102	M3	PLAIN CONCRETE SIGN FOOTINGS
9.6	M	****MM SIDE DRAIN PIPE	2,102 481	KG M	SUPPORTS, BREAKAWAY STEEL BEAM SUPPORTS, WOOD
		(600MM)	5	EA	SIGN ERECTION, TYPE D
36	M	375MM RC PIPE CULVERTS, CLASS III	36	EA	SIGN ERECTION, TYPE E
142.8	M	450MM RC PIPE CULVERTS, CLASS	16	EA	SIGN ERECTION, TYPE F
		ш	3	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)
56.4	М	600MM RC PIPE CULVERTS, CLASS III			(A)
157.2	M	750MM RC PIPE CULVERTS, CLASS	4	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)
		III			(B)
68.4	M	1050MM RC PIPE CULVERTS, CLASS III	2	EA	RELOCATE SIGN, TYPE ***** (B)
22.8	M	1350MM RC PIPE CULVERTS, CLASS	5	EA	RELOCATE SIGN, TYPE *****
	T: 4	III			(D)
, 2	EA	***MM PIPE END SECTION (375MM)	2	EA	RELOCATE SIGN, TYPE ***** (E)
415.3	M	PIPE REMOVAL	7	EA	DISPOSAL OF SUPPORT, WOOD
Lump Sum	LS	FINE GRADING	15	EA	DISPOSAL OF SIGN SYSTEM, U-
500	KG	SEALING EXISTING PAVEMENT CRACKS	41	TCΛ	CHANNEL DISPOSAL OF SIGN SYSTEM WOOD
33,774	MTN	AGGREGATE BASE COURSE	41	EA EA	DISPOSAL OF SIGN SYSTEM, WOOD DISPOSAL OF SUPPORT, U-CHANNEL
1,000	MTN	INCIDENTAL STONE BASE	25	M2	WORK ZONE SIGNS (STATIONARY)
109,791	L M2	PRIME COAT MILLING ASPHALT PAVEMENT, **MM	30	M2	WORK ZONE SIGNS (PORTABLE)
500	M2	DEPTH	5	M2	WORK ZONE SIGNS (BARRICADE MOUNTED)
		(50MM)	2	EA	FLASHING ARROW PANELS, TYPE C
1,131	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B	6	EA	WARNING FLAG SETS
2,073	MTN	ASPHALT CONC BASE COURSE, TYPE	450	EA	DRUMS
		B25.0C	50 70	EA M	CONES BARRICADES (TYPE III)
131	MIN	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B	1,540	MD	FLAGGER
12,418	MTN	ASPHALT CONC INTERMEDIATE	4	EA	WARNING LIGHTS (TYPE B)
222	3 6773 T	COURSE, TYPE 119.0C	2	EA	TEMPORARY CRASH CUSHIONS
928	MIN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	2 2	EA EA	RESET TEMPORARY CRASH CUSHIONS TRUCK MOUNTED IMPACT ATTENUA-
15,123	MTN	ASPHALT CONC SURFACE COURSE,	2	EA	TOR (45 MPH)
700	MTNI	TYPE S12.5C	400	M	PORTABLE CONCRETE BARRIER
788	MIIN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	85	M	PORTABLE CONCRETE BARRIER (ANCHORED)
832	MTN	ASPHALT BINDER FOR PLANT MIX,	250	M	(ANCHORED) RESET PORTABLE CONCRETE BAR-
500	MTN	GRADE PG 70-22 ASPHALT PLANT MIX PAVEMENT			RIER
500	MIIN	REPAIR	2,125	M	REMOVABLE TAPE PAVEMENT MARK- ING LINES (100MM)
414	M3	SUBDRAIN EXCAVATION	10	EA	REMOVABLE TAPE PAVEMENT MARK-
207	M 3	SUBDRAIN FINE AGGREGATE			ING SYMBOL

			0.1	НА	SPECIALIZED SEEDING UNDER GUIDERAIL & GUARDRAIL (CENTI- PEDE)
1 000	Τ. Α	TENADOR ARV RAJECTO RAVEMENT	5	HR	SPECIALIZED HAND MOWING
1,000	EA	TEMPORARY RAISED PAVEMENT MARKERS	. 24	EA	RESPONSE FOR EROSION CONTROL
11,000	M	THERMOPLASTIC PAVEMENT MARKING	0.72	HA	REFORESTATION
15 100	M	LINES (100MM, 2.3MM)	560 10	M EA	SIGNAL CABLE VEHICLE SIGNAL HEAD (300MM, 3
15,100	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)	2	EA	SECTION) VEHICLE SIGNAL HEAD (300MM, 4
200	М	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)			SECTION)
100	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)	2	EA	VEHICLE SIGNAL HEAD (300MM, 5 SECTION)
160	EA	THERMOPLASTIC PAVEMENT MARKING	150	M	MESSENGER CABLE (9.52MM)
54.077		SYMBOL (2.3MM) PAINT PAVEMENT MARKING LINES	385 7	M EA	TRENCHING (UNPAVED) JUNCTION BOX (STANDARD SIZE)
54,077	М	(100MM)	4	EA	WOOD POLE
100	M	PAINT PAVEMENT MARKING LINES	8	EA	GUY ASSEMBLY
10	EA	(600MM) PAINT PAVEMENT MARKING SYMBOL	. 1	EA	25MM RISER WITH WEATHERHEAD
2,500	M	REMOVAL OF PAVEMENT MARKING	4 510	EA M	50MM RISER WITH WEATHERHEAD INDUCTIVE LOOP SAWCUT
200		LINES (100MM)	1,000	M	LEAD-IN CABLE
800	EA	PERMANENT RAISED PAVEMENT MARKERS	1	EA	SIGNAL CABINET FOUNDATION
4	EA	2.1M U-CHANNEL POSTS	1	EA	CABINET BASE ADAPTER
4	EA	OBJECT MARKERS (TYPE **)	. 1	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
757	MTN	(TYPE 3) FOUNDATION CONDITIONING MATE-	23	EA	DETECTOR CHANNEL (TYPE 2070L)
		RIAL, UTILITIES CLASS *******	2	EA	GENERIC SIGNAL ITEM LUMINAIRE ARM FOR VIDEO IMAG-
757	MTN	(VI) BEDDING MATERIAL, UTILITIES			ING LOOP EMULATOR DETECTION
,,,		CLASS *********	2	TT A	SYSTEM GENERIC SIGNAL ITEM
18.8	MTN	(VI) PAVEMENT REPAIR FOR UTILITY	3	EA	RELOCATE CAMERA SENSOR UNIT
10.0	MIIN	WORK	1	EA	GENERIC SIGNAL ITEM
12	M	***MM PVC WATER PIPE, SDR ****			SITE SURVEY
276	M	(75MM, 21, 1.38MPA WP) 150MM PVC WATER PIPE, SDR 21,			
		1.38MPA WP			****** BEGIN SCHEDULE HA *****
1,045.7	M	200MM PVC WATER PIPE, SDR 21, 1.38MPA WP			****** (2 ALTERNATES) *****
1,070	M	250MM PVC WATER PIPE, SDR 21,	4	EA	GENERIC SIGNAL ITEM CAMERA WITH INTERNAL LOOP
10 405 300	T/C	1.38MPA WP			EMULATOR PROCESSING UNIT
12,405.302	KG	DUCTILE IRON WATER PIPE FIT- TINGS, 1.72MPA MIN WP	4	EA	*** OR *** GENERIC SIGNAL ITEM
241.1	M	20MM PE WATER TUBING, SDR 9, ****MPA WP	7	LA	CAMERA WITHOUT INTERNAL LOOP
		(1.38MPA WP)	1	T: A	EMULATOR PROCESSING UNIT
12	EA	20MM CORPORATION STOP	1	EA	GENERIC SIGNAL ITEM EXTERNAL LOOP EMULATOR PRO-
1	EA	***MM GATE VALVE & VALVE BOX, ****MPA WP			CESSING UNIT
		(75MM, 1.38MPA WP)			*** END SCHEDULE HA ***
8	EA	150MM GATE VALVE & VALVE BOX, 1.38MPA WP			STRUCTURE ITEMS
3	EA	200MM GATE VALVE & VALVE BOX,			STRUCTURE ITEMS
		****MPA WP (1.38MPA WP)			
4	EA	250MM GATE VALVE & VALVE BOX,	Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA
		****MPA WP (1.38MPA WP)			******
2	EA	*** X ***MM TAPPING SADDLE	I C	LS	(41+45.000-L-REV) REMOVAL OF EXISTING STRUCTURE
		(150MM X 20MM)	Lump Sum	LS	AT STATION *********
2	EA	*** X ***MM TAPPING SADDLE (200MM X 20MM)			(41+45.000-L- REV)
8	EA	*** X ***MM TAPPING SADDLE	4,633.9 4,238	M2 M2	REINFORCED CONCRETE DECK SLAB GROOVING BRIDGE FLOORS
9	EA	(250MM X 20MM) RELOCATE EXISTING WATER METER	514.9	M3	CLASS AA CONCRETE (BRIDGE)
2	EA	FIRE HYDRANT, ****MPA WP	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***********
		(1.38MPA WP)			(41+45.000-L-REV)
1,600	EA M	RELOCATE EXISTING FIRE HYDRANT TEMPORARY SILT FENCE	46,651	KG	EPOXY COATED REINFORCING STEEL
520	MTN	STONE FOR EROSION CONTROL,	2,171	M	(BRIDGE) 1143MM PRESTRESSED CONCRETE
		CLASS A	2,171	141	GIRDERS
3,510	MTN	STONE FOR EROSION CONTROL, CLASS B	1,280.5	M	406MM PRESTRESSED CONC PILES
1,000	MTN	SEDIMENT CONTROL STONE	214.5 463	M M	508MM PRESTRESSED CONC PILES HP310X79 STEEL PILES
15.5	HA	TEMPORARY MULCHING	26	EA	STEEL PILE TIPS
675 5.5	KG MTN	SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEED-	Lump Sum	LS	GALVANIZING STEEL PILES AT STA
5.5	IVIIIV	ING			**************************************
90	M	TEMPORARY SLOPE DRAINS	432.736	M	TWO BAR METAL RAIL
9	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS	438.044	M	*** X ****MM CONCRETE PARAPET
10,550	M3	SILT EXCAVATION	407	MTN	(355MM x 706MM) PLAIN RIP RAP CLASS II (600MM
4,700	M2	SYNTHETIC ROVING			THICK)
3,200	M2	MATTING FOR EROSION CONTROL	415	M2	FILTER FABRIC FOR DRAINAGE
50 16	M HA	6.4MM HARDWARE CLOTH SEEDING & MULCHING	Lump Sum Lump Sum	LS LS	ELASTOMERIC BEARINGS EVAZOTE JOINT SEALS
8.5	HA	MOWING	2 2	EA	GENERIC STRUCTURE ITEM
200	KG	SEED FOR REPAIR SEEDING			DYNAMIC LOAD TEST
0.75		FERTILIZER FOR REPAIR SEEDING			
450 27	KG MTN	SEED FOR SUPPLEMENTAL SEEDING FERTILIZER TOPDRESSING			

Page: 4 of 30

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L030617 006

CONTRACT ID: C200717

DIV OFFICE WILMINGTON

LENGTH = 0.238 MI

COUNTY

: BRUNSWICK

24 EA SPECIAL STILLING BASINS 10 ACR SEEDING & MULCHING

100 LB SEED FOR REPAIR SEEDING
 0.25 TON FERTILIZER FOR REPAIR SEEDING

CEED FOR CURRICEMENTAL CEEDING

6.5 ACR MOWING

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 10.0% COMPLETION DATE: JUN 30 2004

BRIDGE OVER ALLEN CREEK AND APPROACHES ON NC-133.

		ROADWAY ITEMS	7.5	TON HR	FERTILIZER TOPDRESSING SPECIALIZED HAND MOWING
			12	EA	RESPONSE FOR EROSION CONTROL
Lump Sum	LS	MOBILIZATION	0.1	ACR	SPECIALIZED SEEDING UNDER
Lump Sum	LS	REINFORCED BRIDGE APPROACH			GUIDERAIL & GUARDRAIL (CENTI-
Lump Sum	1.0	FILL, STATION **********			PEDE)
		(15+96.75)	0.25	ACR	GENERIC EROSION CONTROL ITEM
Lump Sum	LS	GRADING			WETLAND GRASS PLANTING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-			
_		BING			
500	CY	UNDERCUT EXCAVATION			STRUCTURE ITEMS
2,500	CY	SELECT GRANULAR MATERIAL			STRUCTURE ITEMS
1,500	SY	FABRIC FOR SOIL STABILIZATION			
4	TON	FOUNDATION CONDITIONING MATE-	Tuma Sum	LS	REMOVAL OF EXISTING STRUCTURE
		RIAL, MINOR STRS	Lump Sum	LG	AT STATION ********
32	LF	15" RC PIPE CULVERTS, CLASS			(16+02.25 -L-)
		Ш	474.8	LF	**'-**" DIA DRILLED PIERS IN
7.82	SMI	SHOULDER RECONSTRUCTION			SOIL
250	TON	ASPHALT CONC BASE COURSE, TYPE			(3'-0")
		B25.0B	40	LF	**'-**" DIA DRILLED PIERS NOT
270	TON	ASPHALT CONC INTERMEDIATE			IN SOIL (3'-0")
	mos 7	COURSE, TYPE I19.0B	388.6	LF	PERMANENT STEEL CASING FOR
7,050	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	388.0	LF	**'-**" DIA DRILLED PIER
100	TON				(3'-0")
490	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	2	EA	SID INSPECTION
1,000	TON	PATCHING EXISTING PAVEMENT	12	EA	SPT TESTING
2	EA	MASONRY DRAINAGE STRUCTURES	2	EA	CROSSHOLE SONIC LOGGING
2	EA	FRAME WITH TWO GRATES, STD	2,179	LF	CSL TUBES
2	EA	840.29	1,525	CY	UNCLASSIFIED STRUCTURE EXCAVA-
500	LF	SHOULDER BERM GUTTER	1,323	CI	TION
687.5	LF	STEEL BM GUARDRAIL	97	CY	CLASS AA CONCRETE (BRIDGE)
5	EA	ADDITIONAL GUARDRAIL POSTS	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
4	EA	GUARDRAIL ANCHOR UNITS, TYPE	Zump Zum	20	******
	EA	III			(16+02.25 -L-)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE	54,164	LB	EPOXY COATED REINFORCING STEEL
-		350			(BRIDGE)
424	LF	REMOVE EXISTING GUARDRAIL	9,447	LB	EPOXY COATED SPIRAL REINFORC-
2	TON	PLAIN RIP RAP, CLASS B			ING STEEL (BRIDGE)
1,240	SY	FILTER FABRIC FOR DRAINAGE	675	LF	HP12X53 STEEL PILES
256	SF	WORK ZONE SIGNS (STATIONARY)	594.75	LF	CONCRETE BARRIER RAIL
96	SF	WORK ZONE SIGNS (PORTABLE)	271	TON	PLAIN RIP RAP CLASS II (2'-0"
57	SF	WORK ZONE SIGNS (BARRICADE			THICK)
3,		MOUNTED)	300	SY	FILTER FABRIC FOR DRAINAGE
2	EA	WARNING FLAG SETS	Lump Sum	LS	ELASTOMERIC BEARINGS
250	EA	DRUMS	3,859.38	LF	3'-0" X 1'-9" PRESTRESSED CONC
64	LF	BARRICADES (TYPE III)			CORED SLABS
80	HR	FLAGGER			
2	EA	WARNING LIGHTS (TYPE B)			
43,702	LF	THERMOPLASTIC PAVEMENT MARKING			
,		LINES (4", 90 MILS)			
43,702	LF	THERMOPLASTIC PAVEMENT MARKING			
		LINES (4", 120 MILS)			
546	EA	PERMANENT RAISED PAVEMENT			
		MARKERS			
2,410	LF	TEMPORARY SILT FENCE			
90	TON	STONE FOR EROSION CONTROL,			
		CLASS A			
345	TON	STONE FOR EROSION CONTROL,			
		CLASS B			
730	TON	SEDIMENT CONTROL STONE			
10.5	ACR	TEMPORARY MULCHING			
400	LB	SEED FOR TEMPORARY SEEDING			
1.5	TON	FERTILIZER FOR TEMPORARY SEED-			•
		ING			
50	LF	TEMPORARY SLOPE DRAINS			
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS			
505	CV				
595	CY	SILT EXCAVATION SYNTHETIC ROVING			
480	SY				
880	SY	MATTING FOR EROSION CONTROL			
40	LF EA	1/4" HARDWARE CLOTH			

Page: 5 of 30

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L030617 007

CONTRACT ID: C200727

DIV OFFICE DURHAM

LENGTH = 0.143 MI

COUNTY : **GRANVILLE**, **VANCE**

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 9.0% COMPLETION DATE: SEE SPECIAL PROVISIONS

BRIDGE OVER ISLAND CREEK & APPROACHES ON SR-1350.

		ROADWAY ITEMS	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
Lump Sum	LS	MOBILIZATION	84	LF	**'-**" DIA DRILLED PIERS IN SOIL
Lump Sum	LS	GRADING			(3'-6")
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING	26	LF	**'_**" DIA DRILLED PIERS NOT IN SOIL
300	CY	UNDERCUT EXCAVATION	70	T 17	(3'-6")
8	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS	70	LF	PERMANENT STEEL CASING FOR **'-**" DIA DRILLED PIER (3'-6")
32	LF	15" RC PIPE CULVERTS, CLASS	1	EA	CROSSHOLE SONIC LOGGING
40	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	480 658	LF CY	CSL TUBES UNCLASSIFIED STRUCTURE EXCAVA-
2	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	74.6	CY	TION CLASS A CONCRETE (BRIDGE)
45	TON	INCIDENTAL STONE BASE	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
240	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			**************************************
235	TON	ASPHALT CONC SURFACE COURSE,	20,583	LB	REINFORCING STEEL (BRIDGE)
30	TON	TYPE \$9.5A ASPHALT BINDER FOR PLANT MIX,	3,454	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
		GRADE PG 64-22	385	LF	HP12X53 STEEL PILES
2	EA	MASONRY DRAINAGE STRUCTURES	295	LF	CONCRETE BARRIER RAIL
2	EA	FRAME WITH TWO GRATES, STD 840.29	1,077	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
90	LF	SHOULDER BERM GUTTER	1,196	SY	FILTER FABRIC FOR DRAINAGE
762.5	LF	STEEL BM GUARDRAIL	Lump Sum	LS	ELASTOMERIC BEARINGS
5	EA	ADDITIONAL GUARDRAIL POSTS	1,622.5	LF	3'-0" X 1'-9" PRESTRESSED CONC
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III			CORED SLABS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
2	TON	PLAIN RIP RAP, CLASS I			
531	SY	FILTER FABRIC FOR DRAINAGE			
224	SF	WORK ZONE SIGNS (STATIONARY)			
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)			
72	LF	BARRICADES (TYPE III)			
1,512	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			
1,512	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)			
10	EA	PERMANENT RAISED PAVEMENT MARKERS			
1,350	LF	TEMPORARY SILT FENCE			
50	TON	STONE FOR EROSION CONTROL, CLASS A			
70	TON	STONE FOR EROSION CONTROL, CLASS B			
145	TON ACR	SEDIMENT CONTROL STONE TEMPORARY MULCHING			
0.5 50	LB	SEED FOR TEMPORARY SEEDING			
0.25	TON	FERTILIZER FOR TEMPORARY SEED- ING			
100	CY	SILT EXCAVATION			
300	SY	SYNTHETIC ROVING			
600	SY	MATTING FOR EROSION CONTROL			
60	LF EA	1/4" HARDWARE CLOTH SPECIAL STILLING BASINS			
8 0.5		SEEDING & MULCHING			
		MOWING			
50	LB	SEED FOR REPAIR SEEDING			
0.25	TON				
50	LB	SEED FOR SUPPLEMENTAL SEEDING			
0.5		FERTILIZER TOPDRESSING			
2.5	HR	SPECIALIZED HAND MOWING			

STRUCTURE ITEMS

8 EA RESPONSE FOR EROSION CONTROL

Lump Sum LS CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA

(18+56.00 -L-)

Page: 6 of 30

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L030617 008

CONTRACT ID: C200732

DIV OFFICE FAYETTEVILLE

LENGTH = 16.204 MI

COUNTY

: COLUMBUS

WIDENING, RESURFACING, SAFETY IMPROVEMENTS & CULVERTS.

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

NC-130 FROM US-701 TO THE BRUNSWICK COUNTY LINE.

		DO ADMAN FEEMS	4,800	HR	FLAGGER
		ROADWAY ITEMS	8	EA	TEMPORARY CRASH CUSHIONS
			8	EA	RESET TEMPORARY CRASH CUSHIONS
Lump Sum	LS	MOBILIZATION	1	EA	TRUCK MOUNTED IMPACT ATTENUA-
Lump Sum	LS	CONSTRUCTION SURVEYING	1 200		TOR (60 MPH)
Lump Sum	LS	CLEARING & GRUBBING ACRE(S)	1,200	LF	PORTABLE CONCRETE BARRIER
. 1	ACR	SUPPLEMENTARY CLEARING & GRUB-	1,200	LF	RESET PORTABLE CONCRETE BAR- RIER
		BING	1,426	EA	TEMPORARY RAISED PAVEMENT
1,700	CY	UNCLASSIFIED EXCAVATION	1,420	Lil	MARKERS
1,000	CY	UNDERCUT EXCAVATION	197,304	LF	THERMOPLASTIC PAVEMENT MARKING
8,000	CY	BORROW EXCAVATION			LINES (4", 90 MILS)
620	SY	REMOVAL OF EXISTING ASPHALT	205,349	LF	THERMOPLASTIC PAVEMENT MARKING
220	ar.	PAVEMENT TEMPORARY SHORING			LINES (4", 120 MILS)
220	SF TON	FOUNDATION CONDITIONING MATE-	451	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
136	1014	RIAL, MINOR STRS	88	LF	THERMOPLASTIC PAVEMENT MARKING
172	LF	15" RC PIPE CULVERTS, CLASS	90		LINES (24", 120 MILS)
		ш	12	EA	THERMOPLASTIC PAVEMENT MARKING
824	LF	18" RC PIPE CULVERTS, CLASS			CHARACTER (120MIL)
		Ш	23	EA	THERMOPLASTIC PAVEMENT MARKING
188	LF	24" RC PIPE CULVERTS, CLASS			SYMBOL (90 MILS)
92	LF	III 72" RC PIPE CULVERTS, CLASS	721,714	LF	PAINT PAVEMENT MARKING LINES (4")
92	Lr	III	902	LF	PAINT PAVEMENT MARKING LINES
44	LF	GENERIC PIPE ITEM	302		(8")
		66" CAA PIPE LINER, 0.168"	176	LF	PAINT PAVEMENT MARKING LINES
		THICK			(24")
575	LF	PIPE REMOVAL	24	EA	PAINT PAVEMENT MARKING CHARAC-
Lump Sum	LS	FINE GRADING			TER
300	TON	INCIDENTAL STONE BASE	46	EA	PAINT PAVEMENT MARKING SYMBOL
3.9	SMI	SHOULDER RECONSTRUCTION	1,000	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
20,360	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	1,426	EA	PERMANENT RAISED PAVEMENT
2,100	TON	ASPHALT CONC INTERMEDIATE	1,420	LA	MARKERS
2,100	1011	COURSE, TYPE 119.0C	2	TON	FOUNDATION CONDITIONING MATE-
2,475	TON	ASPHALT CONC SURFACE COURSE,			RIAL, UTILITIES CLASS *******
,		TYPE S9.5B			(VI)
47,000	TON	ASPHALT CONC SURFACE COURSE,	5	LF	**" DI WATER PIPE, CLASS ********
		TYPE S9.5C			(3/4", SDR 21 200# WP)
1,150	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	1,580	LF	TEMPORARY SILT FENCE
3,055	TON	ASPHALT BINDER FOR PLANT MIX,	1,000	TON	STONE FOR EROSION CONTROL,
3,033	1011	GRADE PG 70-22			CLASS A
75	TON	ASPHALT PLANT MIX, PAVEMENT	2,640	TON	STONE FOR EROSION CONTROL,
		REPAIR			CLASS B
7.1	CY	ENDWALLS	1,120	TON	
4	CY	PIPE COLLARS	102	ACR	TEMPORARY MULCHING
3	EA	MASONRY DRAINAGE STRUCTURES	3,650	LB	SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEED-
2	EA	FRAME WITH TWO GRATES, STD	14.75	TON	ING
_		840.16	50	LF	TEMPORARY SLOPE DRAINS
1	EA	FRAME WITH TWO GRATES, STD 840.24	2	EA	INLET PROTECTION AT TEMPORARY
1	EA	FRAME WITH COVER, STD 840.54	_		SLOPE DRAINS
164	LF	**"X **" CONCRETE CURB	7,060	CY	SILT EXCAVATION
		(8" X 12")	4,000	SY	SYNTHETIC ROVING
75	LF	CONCRETE VALLEY GUTTER	4,000	SY	MATTING FOR EROSION CONTROL
2	SY	4" CONCRETE SIDEWALK	40	LF	1/4" HARDWARE CLOTH
100	SY	6" CONCRETE DRIVEWAY	70	LF	**" TEMPORARY PIPE
270	SY	5" MONOLITHIC CONCRETE ISLANDS			(42")
		(KEYED IN)	15	EA	SPECIAL STILLING BASINS
1	EA	ADJUSTMENT OF MANHOLES	97.5	ACR	
5	EA	ADJUSTMENT OF METER BOXES OR	60.5		MOWING
2 662	IE	VALVE BOXES STEEL BM GUARDRAIL	900	LB	SEED FOR REPAIR SEEDING
2,662	LF	ADDITIONAL GUARDRAIL POSTS			FERTILIZER FOR REPAIR SEEDING
5 28	EA EA	GUARDRAIL ANCHOR UNITS, TYPE	2,425	LB	SEED FOR SUPPLEMENTAL SEEDING FERTILIZER TOPDRESSING
28	ĽA	350	73.25	TON LF	
1,750	TON	PLAIN RIP RAP, CLASS B	830 16	EA	IMPERVIOUS DIKE RESPONSE FOR EROSION CONTROL
3,289	SY	FILTER FABRIC FOR DRAINAGE	16	EA	RESPONSE FOR ERUSION CONTROL
785	SF	WORK ZONE SIGNS (STATIONARY)			
372	SF	WORK ZONE SIGNS (PORTABLE)			
110	SF	WORK ZONE SIGNS (BARRICADE			CULVERT ITEMS
		MOUNTED)			
	EA	WARNING FLAG SETS			
8	EA				
500	EA	DRUMS	Lump Sum	LS	CULVERT EXCAVATION, STA ****** (STA 700+99.90 -L-)

Lump Sum	LS	CULVERT EXCAVATION, STA *****
-		(STA 700+99.90 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA *****

130 EA CONES
108 LF BARRICADES (TYPE II)
204 LF BARRICADES (TYPE III)

(STA. 268+80.40-L-)

Lump Sum	LS	CULVERT EXCAVATION, STA ****** (STA. 376+97.00 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ****** (STA. 753+99.74 -L-)
169	TON	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
202.4	CY	CLASS A CONCRETE (CULVERT)
27,793	LB	REINFORCING STEEL (CULVERT)
107	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
120	SY	FILTER FABRIC FOR DRAINAGE

Page: 8 of 30

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L030617 009

CONTRACT ID: C200724

DIV OFFICE ABERDEEN

LENGTH = 0.261 MI

COUNTY : **CHATHAM**

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 10.0% COMPLETION DATE: DEC 31 2004

BRIDGE OVER LANDRUM CREEK & APPROACHES ON NC-902.

		ROADWAY ITEMS	. 596	LF	REMOVABLE TAPE PAVEMENT MARK- ING LINES (4")
			19	EA	TEMPORARY RAISED PAVEMENT MARKERS
Lump Sum Lump Sum	LS LS	MOBILIZATION CONSTRUCTION SURVEYING	2,462	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ************************************	2,462	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
Lump Sum	LS	(17+31.50 -L-) GRADING	596	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES (4")
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING	9,848	LF	PAINT PAVEMENT MARKING LINES (4")
22	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS	19	EA	PERMANENT RAISED PAVEMENT MARKERS
96	LF	15" SIDE DRAIN PIPE	855	LF	TEMPORARY SILT FENCE
68	LF	18" RC PIPE CULVERTS, CLASS	75	TON	STONE FOR EROSION CONTROL, CLASS A
40	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	325	TON	STONE FOR EROSION CONTROL, CLASS B
4	EA	15" BIT COAT CS PIPE ELBOWS,	255	TON	SEDIMENT CONTROL STONE
		TYPE B 0.064" THICK	2	ACR	TEMPORARY MULCHING
1 145	LF	PIPE REMOVAL AGGREGATE BASE COURSE	100	LB	SEED FOR TEMPORARY SEEDING
1,145 50	TON	INCIDENTAL STONE BASE	0.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
230	SY	INCIDENTAL MILLING	30	LF	TEMPORARY SLOPE DRAINS
480	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	1	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
490	TON	ASPHALT CONC INTERMEDIATE	305	CY	SILT EXCAVATION
680	TON	COURSE, TYPE 119.0B ASPHALT CONC SURFACE COURSE,	525	SY	SYNTHETIC ROVING
000	1011	TYPE S9.5A	950 20	SY SY	MATTING FOR EROSION CONTROL FLOATING TURBIDITY CURTAIN
90	TON	ASPHALT BINDER FOR PLANT MIX,	8	EA	SPECIAL STILLING BASINS
25	TOM	GRADE PG 64-22	2	ACR	SEEDING & MULCHING
25	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	1	ACR	MOWING
2	EA	MASONRY DRAINAGE STRUCTURES	50	LB	SEED FOR REPAIR SEEDING
2	EA	FRAME WITH TWO GRATES, STD	0.25	TON	FERTILIZER FOR REPAIR SEEDING
125	LF	840.29 SHOULDER BERM GUTTER	50 1.5	LB TON	SEED FOR SUPPLEMENTAL SEEDING FERTILIZER TOPDRESSING
650	LF	STEEL BM GUARDRAIL	1.3	HR	SPECIALIZED HAND MOWING
5	EA	ADDITIONAL GUARDRAIL POSTS	8	EA	RESPONSE FOR EROSION CONTROL
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III	1	ACR	REFORESTATION
150	EA LF	GUARDRAIL ANCHOR UNITS, TYPE 350 REMOVE & STOCKPILE EXISTING			STRUCTURE ITEMS
50	LF	GUARDRAIL TEMPORARY STEEL BM GUARDRAIL			STRUCTURE TEMS
2	EA	GUARDRAIL ANCHOR UNITS, TYPE	Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE
		350 TEMPORARY	•		AT STATION *********
550	LF	WOVEN WIRE FENCE, **" FABRIC (48")	26.1	LF	(17+31.50 -L-) **'-**" DIA DRILLED PIERS IN
200	LF	ADDITIONAL BARBED WIRE	20.1	171	SOIL
550	LF	TEMP **" WOVEN WIRE FENCE,			(3'-6")
45	E.A	COMPLETE W/POSTS (48") CENTER IC SENICING ITEM	29	LF	**'-**" DIA DRILLED PIERS NOT IN SOIL (3'-6")
45	EA	GENERIC FENCING ITEM 6" TIMBER FENCE POSTS, 8'-0" LONG	26	LF	PERMANENT STEEL CASING FOR **'-**" DIA DRILLED PIER
4		PLAIN RIP RAP, CLASS I			(3'-6")
90		PLAIN RIP RAP, CLASS II	1 233.9	EA LF	CROSSHOLE SONIC LOGGING CSL TUBES
3		PLAIN RIP RAP, CLASS B FILTER FABRIC FOR DRAINAGE	4,229	SF	REINFORCED CONCRETE DECK SLAB
630 18.75		CONTRACTOR FURNISHED, TYPE ***	3,541	SF	GROOVING BRIDGE FLOORS
10.75		SIGN	95.2	CY	CLASS A CONCRETE (BRIDGE)
40		(E)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION *************
42		SUPPORTS, 3-LB STEEL U-CHANNEL SIGN ERECTION, TYPE E			(17+31.50 -L-)
11	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL	17,100 1,687	LB LB	REINFORCING STEEL (BRIDGE) SPIRAL COLUMN REINFORCING
52	SF	WORK ZONE SIGNS (STATIONARY)	2,007		STEEL (BRIDGE)
96		WORK ZONE SIGNS (PORTABLE)	597.34	LF	36" PRESTRESSED CONCRETE GIR-
36	SF	WORK ZONE SIGNS (BARRICADE	120	LF	DERS HP12X53 STEEL PILES
	T7 A	MOUNTED)	120	EA	STEEL PILE POINTS
65 65		DRUMS CONES	227.86	LF	TWO BAR METAL RAIL
48		BARRICADES (TYPE III)	245.02	LF	1'-**"X *****" CONCRETE PARA-
120		FLAGGER			PET (1'-2" x 2'-6")
2		TEMPORARY CRASH CUSHIONS	838	TON	PLAIN RIP RAP CLASS II (2'-0"
200	LF	PORTABLE CONCRETE BARRIER	350		THICK)

932 SY FILTER FABRIC FOR DRAINAGE
Lump Sum LS ELASTOMERIC BEARINGS
Lump Sum LS EVAZOTE JOINT SEALS

Page: 10 of 30

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L030617 010

CONTRACT ID: C200728

34431.3.3

DIV OFFICE ABERDEEN

LENGTH = 2.163 KM

COUNTY : LEE

WIDENING, GRADING, DRAINAGE, PAVING NOISE WALL & STR.

MBE GOAL 10.0% WBE 5.0% COMPLETION DATE: JUL 01 2007

 $\hbox{US-421 \& NC-87 (SANFORD BYPASS) FROM WEST OF US-1 \& US-15/501 TO EAST OF US-1 \& US-15/501. } \\$

		DO ADMIAN WEEDING	23	EA	400MM BIT COAT CS PIPE ELBOWS,
		ROADWAY ITEMS	4	EA	TYPE B 1.63MM THICK 450MM BIT COAT CS PIPE ELBOWS,
Lump Sum	LS	MOBILIZATION			TYPE B 1.63MM THICK
Lump Sum	LS	CONSTRUCTION SURVEYING	12	EA	600MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
Lump Sum	LS	CLEARING & GRUBBING HEC- TARE(S)	2	EA	800MM BIT COAT CS PIPE ELBOWS, TYPE B 2.01MM THICK
2	HA	SUPPLEMENTARY CLEARING & GRUB- BING	290.4	M	****MM WELDED STEEL PIPE, ****MM THICK, GRADE B, INSTAL-
7	EA	SEALING ABANDONED WELLS			LED BY BORING & JACKING
825,000	M3	UNCLASSIFIED EXCAVATION	234	M	(1200MM, 16MM) GENERIC PIPE ITEM
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ************************************	254	141	150MM DI DRAINAGE PIPE, CLASS PC350
Lump Sum	LS	REINFORCED BRIDGE APPROACH	1,348	M	PIPE REMOVAL
		FILL, STATION ************************************	380 160	M2 M2	150MM SLOPE PROTECTION GENERIC GRADING ITEM
Lump Sum	LS	REINFORCED BRIDGE APPROACH	100	1412	100MM SLOPE PROTECTION
•		FILL, STATION ************************************	Lump Sum	LS	FINE GRADING
Lump Sum	LS	REINFORCED BRIDGE APPROACH	500	KG	SEALING EXISTING PAVEMENT CRACKS
•		FILL, STATION ************************************	25,100	M2	LIME TREATED SOIL (SLURRY
1,800	M3	UNDERCUT EXCAVATION	280	MTN	METHOD) LIME FOR LIME TREATED SOIL
1,254,000	M3	BORROW EXCAVATION	500	MTN	STABILIZER AGGREGATE
4,400	M 3	DRAINAGE DITCH EXCAVATION	119,000	MTN	AGGREGATE BASE COURSE
425	M	BERM DITCH CONSTRUCTION PENOVAL OF EXISTING ASPILALT	25,100	M2	***MM SOIL CEMENT BASE
39,100	M2	REMOVAL OF EXISTING ASPHALT PAVEMENT	760	MTN	(180MM) PORTLAND CEMENT FOR SOIL CE-
5,300	M2	BREAKING OF EXISTING ASPHALT	700	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	MENT BASE
10	HR	PAVEMENT PROOF ROLLING	170	MTN	AGGREGATE FOR SOIL CEMENT BASE
1,000	M3	SELECT GRANULAR MATERIAL	45,200 1,000	L MTN	ASPHALT CURING SEAL INCIDENTAL STONE BASE
1,000	M2	FABRIC FOR SOIL STABILIZATION	10,050	L	PRIME COAT
28	MTN	GENERIC GRADING ITEM BOULDERS	4,090	M2	MILLING ASPHALT PAVEMENT, **MM
1	EA	GENERIC GRADING ITEM			DEPTH (55MM)
		END BENT STABILIZATION	1,020	M2	MILLING ASPHALT PAVEMENT, **MM
•	MTN	SELECT MATERIAL, CLASS II SELECT MATERIAL, CLASS III			DEPTH (70MM)
	MTN MTN	SELECT MATERIAL, CLASS III SELECT MATERIAL, CLASS IV	1,950	M2	MILLING ASPHALT PAVEMENT, ***
2,800	MTN	FOUNDATION CONDITIONING MATE-			TO ***MM DEPTH (0MM TO 55MM)
116.4	M	RIAL, MINOR STRS 375MM SIDE DRAIN PIPE	4,500	MTN	ASPHALT CONC BASE COURSE, TYPE
2,286.8	M	375MM RC PIPE CULVERTS, CLASS III	14,700	MTN	B25.0B ASPHALT CONC BASE COURSE, TYPE
1,312.8	M	450MM RC PIPE CULVERTS, CLASS	22.500	MTN	B25.0C ASPHALT CONC INTERMEDIATE
1,611.6	M	600MM RC PIPE CULVERTS, CLASS	26,000		COURSE, TYPE I19.0B ASPHALT CONC INTERMEDIATE
612	M	III 750MM RC PIPE CULVERTS, CLASS	·		COURSE, TYPE I19.0C
158.4	М	III 900MM RC PIPE CULVERTS, CLASS	14,000	MTN	TYPE S9.5B
		III 1050MM RC PIPE CULVERTS, CLASS	32,000	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
66	М	Ш	4,020	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
108	М	****MM RC PIPE CULVERTS, CLASS IV	2,100	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22
67.2	М	(1200MM) ****MM RC PIPE CULVERTS, CLASS	500	MTN	ASPHALT PLANT MIX PAVEMENT
		IV (450MM)	24,500	M	REPAIR MILLED RUMBLE STRIPS
409.2	M	****MM RC PIPE CULVERTS, CLASS	154	EA	RIGHT OF WAY MARKERS
		IV	828	M3	SUBDRAIN EXCAVATION
366	M	(600MM) ****MM RC PIPE CULVERTS, CLASS	414	M3	SUBDRAIN FINE AGGREGATE
200		IV	1,150 100	M EA	150MM PERFORATED SUBDRAIN PIPE 150MM SUBDRAIN PIPE WYES,
67.2	М	(750MM) ****MM RC PIPE CULVERTS, CLASS			TEES, & ELBOWS
07.2		IV	7	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
433.2	M	(900MM) 400MM BIT COAT CS PIPE CUL-	189	M	150MM OUTLET PIPE (SUBDRAINS)
		VERTS, TYPE B 1.63MM THICK	1,707	M	SHOULDER DRAIN
310.8	M	450MM BIT COAT CS PIPE CUL- VERTS, TYPE B 1.63MM THICK	1,707 125	M M	100MM SHOULDER DRAIN PIPE 100MM OUTLET PIPE (SHOULDER
148.8	M	600MM BIT COAT CS PIPE CUL-			DRAINS)
68.4	M	VERTS, TYPE B 1.63MM THICK 800MM BIT COAT CS PIPE CUL-	4	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET
		VERTS, TYPE B 2.01MM THICK	275		
55.2	М	900MM BIT COAT CS PIPE CUL- VERTS, TYPE B 2.01MM THICK	20.1	М3	ENDWALLS

			29	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) "A"
8.77	M3	PIPE COLLARS	10	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED)
0.5 6	M3 M3	PIPE PLUGS FLOWABLE FILL	8	EA	"B" SIGN ERECTION, MILEMARKERS
173	EA	MASONRY DRAINAGE STRUCTURES	3	EA	RELOCATE SIGN, TYPE *****
48.1 21	M3 EA	MASONRY DRAINAGE STRUCTURES FRAME WITH TWO GRATES, STD	2	EA	"A" RELOCATE SIGN, TYPE *****
-		840.****		EΑ	"D" BELOCATE SIGNI TYPE *****
121	EA	(840.20) FRAME WITH TWO GRATES, STD	1	EA	RELOCATE SIGN, TYPE ***** "E"
5	EA	840.22 FRAME WITH TWO GRATES, STD	22	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM
3	EA	840.29	132	EA	DISPOSAL OF SIGN SYSTEM, U-
8	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **	2	EA	CHANNEL DISPOSAL OF SIGN SYSTEM, WOOD
9	EA	(F) FRAME WITH GRATE & HOOD, STD	2	EA	DISPOSAL OF SIGN, A OR B
9	LA	840.03, TYPE **	Lump Sum	LS	(GROUND MOUNTED) GENERIC SIGNING ITEM
2	EA	(G) FRAME WITH COVER, STD 840.54			LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "B-NBL"
2,030	M	750MM CONCRETE CURB & GUTTER	Lump Sum	LS	GENERIC SIGNING ITEM
650 2	M EA	SHOULDER BERM GUTTER MODIFIED CONCRETE FLUME			LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "B-SBL"
1,060	M	CONCRETE EXPRESSWAY GUTTER	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN
75 395	M2 M2	100MM CONCRETE PAVED DITCH 125MM MONOLITHIC CONCRETE IS-			ASSEMBLY "H"
		LANDS (KEYED IN)	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN
350	M2	75MM CORRUGATED CONCRETE IS- LANDS	Luma Sum	T C	ASSEMBLY "I" GENERIC SIGNING ITEM
213.36	M	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	Lump Sum	LS	LRS LIGHTING FOR OVERHEAD SIGN
18	EA	ADJUSTMENT OF DROP INLETS	Lump Sum	LS	ASSEMBLY "J" GENERIC SIGNING ITEM
2	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX	•		LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "L"
4,732.02	M	STEEL BM GUARDRAIL	Lump Sum	LS	GENERIC SIGNING ITEM
19.05	M	STEEL BM GUARDRAIL, SHOP CURVED	Lump Sum	LS	OVERHEAD SIGN ASSEMBLY "A" GENERIC SIGNING ITEM
106.68	M	STEEL BM GUARDRAIL, DOUBLE	•		OVERHEAD SIGN ASSEMBLY "B"
4	EA	FACED STEEL BM GUARDRAIL TERMINAL	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "C"
10	T. A	SECTIONS ADDITIONAL CHARDRAIL BOSTS	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "D"
10 8	EA EA	ADDITIONAL GUARDRAIL POSTS GUARDRAIL ANCHOR UNITS, TYPE	Lump Sum	LS	GENERIC SIGNING ITEM
		**************************************	Lump Sum	LS	OVERHEAD SIGN ASSEMBLY "E" GENERIC SIGNING ITEM
5	EA	GUARDRAIL ANCHOR UNITS, TYPE	Lump Sum	LS	OVERHEAD SIGN ASSEMBLY "F" GENERIC SIGNING ITEM
		(III MOD)	•		OVERHEAD SIGN ASSEMBLY "G"
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "H"
14	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "I"
16	EA	GUARDRAIL ANCHOR UNITS, TYPE	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "J"
37	EA	GUARDRAIL ANCHOR UNITS, TYPE	Lump Sum	LS	GENERIC SIGNING ITEM
4	EA	350 GUARDRAIL ANCHOR UNITS, TYPE	Lump Sum	LS	OVERHEAD SIGN ASSEMBLY "K" GENERIC SIGNING ITEM
7,677.15	M	M-350 REMOVE & RESET EXISTING GUARD-	Lump Sum	LS	OVERHEAD SIGN ASSEMBLY "L" GENERIC SIGNING ITEM
,		RAIL	•		OVERHEAD SIGN ASSEMBLY "M"
2,282.19 1,900	M M	REMOVE EXISTING GUARDRAIL DOUBLE FACED CABLE GUIDERAIL	Lump Sum	LS	GENERIC SIGNING ITEM STATIC LIGHTING SYSTEM FOR
10	EA	CABLE GUIDERAIL ANCHOR UNITS	Lump Sum	LS	OVERHEAD SIGN ASSEMBLY "A" GENERIC SIGNING ITEM
9,300	M	WOVEN WIRE FENCE, 1200MM FAB- RIC	.		STATIC LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY "C"
1,930	EA	100MM TIMBER FENCE POSTS, 2.30M LONG	Lump Sum	LS	GENERIC SIGNING ITEM
460	EA	125MM TIMBER FENCE POSTS, 2.50M LONG			STATIC LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY "D"
200	M	ADDITIONAL BARBED WIRE	Lump Sum	LS	GENERIC SIGNING ITEM STATIC LIGHTING SYSTEM FOR
106.68	M	GENERIC FENCING ITEM VINYL COATED CL FENCE, 1219MM	Luma Cum	LS	OVERHEAD SIGN ASSEMBLY "E" GENERIC SIGNING ITEM
		FABRIC W/ 12.7MM MESH (GUARD- RAIL MTD)	Lump Sum	LS	STATIC LIGHTING SYSTEM FOR
500	M2	PLAIN RIP RAP, CLASS I	Lump Sum	LS	OVERHEAD SIGN ASSEMBLY "F" GENERIC SIGNING ITEM
1 200	MTN		•		STATIC LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY "G"
1,200 7,985	MTN M2	PLAIN RIP RAP, CLASS B FILTER FABRIC FOR DRAINAGE	Lump Sum	LS	GENERIC SIGNING ITEM
1,486.8 19	M2 M3	NOISE BARRIER WALL REINFORCED CONCRETE SIGN FOOT-			STATIC LIGHTING SYSTEM FOR OVERHEAD SIGN ASSEMBLY "K"
		INGS	Lump Sum	LS	GENERIC SIGNING ITEM STATIC LIGHTING SYSTEM FOR
3 8,527	M3 KG	PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, BREAKAWAY STEEL BEAM		*	OVERHEAD SIGN ASSEMBLY "M"
2,134	KG	SUPPORTS, SIMPLE STEEL BEAM	220 135		WORK ZONE SIGNS (STATIONARY) WORK ZONE SIGNS (PORTABLE)
728	M	SUPPORTS, 4.5KG STEEL U-CHANNEL	21		WORK ZONE SIGNS (BARRICADE
8	EA	SUPPORTS, 3KG STEEL U-CHANNEL	2	EA	MOUNTED) FLASHING ARROW PANELS, TYPE C
16 55	EA EA	SIGN ERECTION, TYPE D SIGN ERECTION, TYPE E	. 2		CHANGEABLE MESSAGE SIGNS
16	EA	SIGN ERECTION, TYPE F	14 725		WARNING FLAG SETS DRUMS
			200		CONES

			1	EA	*** X ***MM TAPPING SADDLE (300MM x 20MM)
			1 2	EA EA	50MM BLOW OFF ASSEMBLY 150MM TRANSITION COUPLING,
190	M	BARRICADES (TYPE III)	2	LA	*******
500 6	MD EA	FLAGGER WARNING LIGHTS (TYPE B)	3	EA	(AC, PVC) 300MM TRANSITION COUPLING,
3	EA	TEMPORARY CRASH CUSHIONS	,	271	******
13	EA	RESET TEMPORARY CRASH CUSHIONS	6	EA	(AC, PVC) RELOCATE EXISTING WATER METER
2	EA	TRUCK MOUNTED IMPACT ATTENUA- TOR (60 MPH)	6	EA	RELOCATE EXISTING WATER METER RELOCATE EXISTING FIRE HYDRANT
2,495	M	PORTABLE CONCRETE BARRIER	117.8	M	***MM DI SEWER PIPE, CLASS ***
1,247	M	PORTABLE CONCRETE BARRIER	162.2	M	(450MM, CLASS 52)
6,256	M	(DRAINAGE) RESET PORTABLE CONCRETE BAR-	162.2	M	200MM DI SEWER PIPE, PC 2.41MPA
-,		RIER	306	M	300MM DI SEWER PIPE, PC
144	EA	TUBULAR MARKERS (FIXED) REMOVABLE TAPE PAVEMENT MARK-	8	EA	2.41MPA ****MM DIA PRECAST CONC SEWER
1,309	М	ING LINES (100MM)			MANHOLE 0-1.8M DEPTH
2	EA	REMOVABLE TAPE PAVEMENT MARK-	3	EA	(1200MM) ****MM DIA PRECAST CONC SEWER
1,237	EA	ING CHARACTER TEMPORARY RAISED PAVEMENT	, and the second	23.1	MANHOLE 0-1.8M DEPTH
		MARKERS	8.9	M	(1500MM) PRECAST CONC MANHOLE WALL,
35,549	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)	0.9	141	****MM DIA, OVER 1.8M HT
14,451	M	THERMOPLASTIC PAVEMENT MARKING	0.5	M	(1200MM) PRECAST CONC MANHOLE WALL,
2 400		LINES (100MM, 3.1MM)	0.3	IVI	****MM DIA, OVER 1.8M HT
3,480	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)	0.70		(1500MM)
81	M	THERMOPLASTIC PAVEMENT MARKING	0.79	М	SEWER MANHOLE OUTSIDE DROP AS- SEMBLY
12	EA	LINES (600MM, 3.1MM) THERMOPLASTIC PAVEMENT MARKING	1,026.2	M	FILL OR REMOVE ABANDONED ***MM PIPE. *********
12	11	CHARACTER (3.1MM)			(150MM, AC WATER PIPE)
56	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)	109.5	M	FILL OR REMOVE ABANDONED ***MM
1,345	M	COLD APPLIED PLASTIC PAVEMENT			PIPE, ************************************
		MARKING LINES (100MM)	314.5	M	FILL OR REMOVE ABANDONED ***MM
101	M	COLD APPLIED PLASTIC PAVEMENT MARKING LINES (200MM)			PIPE, ************************************
4	EA	COLD APPLIED PLASTIC PAVEMENT	314.5	M	FILL OR REMOVE ABANDONED ***MM
2	EA	MARKING CHARACTER COLD APPLIED PLASTIC PAVEMENT			PIPE, ************************************
-	LA	MARKING SYMBOL	36	M	FILL OR REMOVE ABANDONED ***MM
91,914	M	PAINT PAVEMENT MARKING LINES (100MM)			PIPE, ************************************
4,852	M	PAINT PAVEMENT MARKING LINES	842.4	M	FILL OR REMOVE ABANDONED 300MM
		(200MM)			PIPE, ************************************
114	M	PAINT PAVEMENT MARKING LINES (600MM)	7	EA	BREAK DOWN, PLUG, & FILL ABAN-
8	EA	PAINT PAVEMENT MARKING CHARAC-			DONED UTILITY MANHOLE
84	EA	TER PAINT PAVEMENT MARKING SYMBOL	56.2	M	***MM STEEL ENCASEMENT PIPE, ****MM THICK, BY OPEN CUT
6,900	M	REMOVAL OF PAVEMENT MARKING			(600MM, 6.35MM THICK)
		LINES (100MM)	97	M	***MM STEEL ENCASEMENT PIPE, ****MM THICK, BY OPEN CUT
3	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS			(750MM, 7.92MM THICK)
1,889	EA	PERMANENT RAISED PAVEMENT	50	M	600MM STEEL ENCASEMENT PIPE, ****MM THICK, BY BORING &
9	EA	MARKERS 2.1M U-CHANNEL POSTS			JACKING (600MM, 6.35MM THICK)
180	EA	FLEXIBLE DELINEATORS (CRYSTAL)	2	EA	GENERIC UTILITY ITEM
111	EA	FLEXIBLE DELINEATORS (YELLOW)			REMOVE & STOCK PILE EXIST FIRE HYDRANT
22	EA	FLEXIBLE DELINEATORS (CRYSTAL & RED)	32	M	GENERIC UTILITY ITEM
9	EA	OBJECT MARKERS (END OF ROAD)			1.2M X 20MM THICK STEEL PLATE PROTECTOR
697	MTN	FOUNDATION CONDITIONING MATE- RIAL, UTILITIES CLASS *******	42	М	GENERIC UTILITY ITEM
		(V)			300MM DI RIGID RJ SEWER PIPE,
697	MTN	BEDDING MATERIAL, UTILITIES CLASS ***********************************	10.2	M	PC 2.41 MPA GENERIC UTILITY ITEM
		(V)			TRENCHLESS INSTALLATION OF
16.9	M	150MM DI WATER PIPE, PC 2.41MPA	10.2	М	300MM WATER PIPE IN SOIL GENERIC UTILITY ITEM
196.7	M	300MM DI WATER PIPE, PC			TRENCHLESS INSTALLATION OF
	2.2	2.41MPA	5	М3	300MM WATER PIPE NOT IN SOIL GENERIC UTILITY ITEM
35.5	M	***MM DI RESTRAINED JOINT WA- TER PIPE, CLASS ******** WP		1125	CLASS A CONRETE FOR PIER
		(300MM, PC 2.41 MPA)	7,710	M	TEMPORARY SILT FENCE
37.7 682.2	M M	20MM COPPER WATER PIPE, TYPE K ***MM PVC WATER PIPE, (C900),	1,440	MIN	STONE FOR EROSION CONTROL, CLASS A
082.2	IVI	DR ***, ****MPA WP	19,555	MTN	STONE FOR EROSION CONTROL,
		(150MM, C900 DR14, 1.38 MPA WP)	8 700	MTN	CLASS B SEDIMENT CONTROL STONE
942.7	M	***MM PVC WATER PIPE, (C900),	97	HA	TEMPORARY MULCHING
		DR ***, ****MPA WP (300MM, C900 DR14, 1.38 MPA	5,375	KG	SEED FOR TEMPORARY SEEDING
		WP)	43.25	MTN	FERTILIZER FOR TEMPORARY SEED- ING
2,780.3	KG	DUCTILE IRON WATER PIPE FIT- TINGS, 1.72MPA MIN WP	605	M	TEMPORARY SLOPE DRAINS
6	EA	20MM CORPORATION STOP	30	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
11	EA	150MM GATE VALVE & VALVE BOX,	87,795	M 3	SILT EXCAVATION
3	EA	1.38MPA WP 300MM GATE VALVE & VALVE BOX,	2,100	M2	SYNTHETIC ROVING
-		****MPA WP	21,035 61	M2 M2	MATTING FOR EROSION CONTROL PERMANENT SOIL REINFORCEMENT
5	EA	(1.38 MPA WP) *** X ***MM TAPPING SADDLE		1712	MAT
		(150MM X 20MM)	1,380	M	6.4MM HARDWARE CLOTH

120	M	***MM TEMPORARY PIPE
		(450MM)
710	M3	STILLING BASINS
128	HA	SEEDING & MULCHING
52.5	HA	MOWING
1,150	KG	SEED FOR REPAIR SEEDING
4	MTN	FERTILIZER FOR REPAIR SEEDING
3,600	KG	SEED FOR SUPPLEMENTAL SEEDING
215	MTN	FERTILIZER TOPDRESSING
100	M	IMPERVIOUS DIKE
96.5	HR	SPECIALIZED HAND MOWING
24	EA	RESPONSE FOR EROSION CONTROL
1,521	M3	CULVERT DIVERSION CHANNEL
2	HA	REFORESTATION
430	\mathbf{M}	SIGNAL CABLE
13	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)
3	EA	VEHICLE SIGNAL HEAD (300MM, 5 SECTION)
270	M	MESSENGER CABLE (9.52MM)
520	M	TRENCHING (UNPAVED)
14	EA	JUNCTION BOX (STANDARD SIZE)
834	M	INDUCTIVE LOOP SAWCUT
1,460	M	LEAD-IN CABLE
8	EA	METAL STRAIN SIGNAL POLE
8	EA	METAL SIGNAL POLE FOUNDATION
2	EA	SIGNAL CABINET FOUNDATION
2	EA	CABINET BASE ADAPTER
2	EA	CONTROLLER WITH CABINET (TYPE
		2070L, BASE MOUNTED)
21	EA	DETECTOR CHANNEL (TYPE 2070L)

CULVERT ITEMS

Lump Sum	LS	(25+92.600 -Y1-)
Lump Sum	LS	CULVERT EXCAVATION, STA ****** (3+86.000 RPB-Y1-)
Lump Sum	LS	CULVERT EXCAVATION, STA ****** (43+53.820 -Y1-)
Lump Sum	LS	CULVERT EXCAVATION, STA ****** (70+00.000 -L-)
757	MTN	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT
1,451.1	M3	CLASS A CONCRETE (CULVERT)
129,068	KG	REINFORCING STEEL (CULVERT)

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ************************************
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
3.8	M	****MM DIA DRILLED PIERS IN SOIL (1066MM)
6.5	M	****MM DIA DRILLED PIERS NOT IN SOIL (1066MM)
1	EA	CROSSHOLE SONIC LOGGING
47.1	M	CSL TUBES
5,231	M2	REINFORCED CONCRETE DECK SLAB
4,675.6	M2	GROOVING BRIDGE FLOORS

705.6 M3 CLASS A CONCRETE (BRIDGE)

Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************************************
		(10+01.503 -L2-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************************************
		(36+74.311 -Y1-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************************************
		(45+11.843 -Y1-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************************************
		(79+23.509 -L-LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************************************
		(79+23.509 -L-RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************************************
		(87+91.713 -L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************************************
		(9+74.580 -L1-)
85,133	KG	REINFORCING STEEL (BRIDGE)
4,821	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
1,682.96	M	MODIFIED 1829MM PRESTRESSED CONC GIRDERS
148,500	LS	APPROX KG STRUCTURAL STEEL
1,830	M	HP310X79 STEEL PILES
851,538	M	CONCRETE BARRIER RAIL
3,553	M2	100MM SLOPE PROTECTION
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
18	M	GENERIC STRUCTURE ITEM
		PILE EXCAVATION IN SOIL
18	M	GENERIC STRUCTURE ITEM
		PILE EXCAVATION NOT IN SOIL

Page: 14 of 30

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L030715 001

CONTRACT ID: C200526

DIV OFFICE GREENSBORO

LENGTH = 3.909 KM

COUNTY

: GUILFORD

WIDENING, GRADING, DRAINAGE, PAVING, LIGHTING & STRS.

DBE GOAL 10.0% COMPLETION DATE: JUL 01 2007

GREENSBORO WESTERN LOOP FROM I-40 TO NORTH OF SR-2147 (WEST FRIENDLY AVE).

		ROADWAY ITEMS	204	M	300MM RC PIPE CULVERTS, CLASS
			4,389.2	M	375MM RC PIPE CULVERTS, CLASS
Lump Sum	LS	MOBILIZATION	1,316.4	M	450MM RC PIPE CULVERTS, CLASS
Lump Sum	LS	CONSTRUCTION SURVEYING	1,0 10.1	***	ш
Lump Sum	LS	CLEARING & GRUBBING HEC- TARE(S)	1,461.6	M	600MM RC PIPE CULVERTS, CLASS III
1.6	HA	SUPPLEMENTARY CLEARING & GRUB- BING	619.2	M	750MM RC PIPE CULVERTS, CLASS III
4	EA	SEALING ABANDONED WELLS	225.6	M	900MM RC PIPE CULVERTS, CLASS
337,000	M3	UNCLASSIFIED EXCAVATION	270.9		III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ************************************	370.8	M	1050MM RC PIPE CULVERTS, CLASS III 1200MM RC PIPE CULVERTS, CLASS
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ************************************	494.4	M	ш
T C	T C	(11+73.750 -RPAC-)	72	M	1350MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ************************************	181.2	М	1500MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH	411.6	M	****MM RC PIPE CULVERTS, CLASS IV
		FILL, STATION ************************************	80.4	м	(1050MM) *****MM DC DIDE CUI VEDTS CLASS
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ************************************	80.4	М	****MM RC PIPE CULVERTS, CLASS IV (1350MM)
		(120+42.070 -L- SB)	205.2	M	****MM RC PIPE CULVERTS, CLASS
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION **********			IV
		(120+48.520 -L- NB)	100.8	М	(1500MM) ****MM RC PIPE CULVERTS, CLASS
Lump Sum	LS	REINFORCED BRIDGE APPROACH	100.6	IVI	IV
		FILL, STATION ************************************			(450MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH	86.4	M	****MM RC PIPE CULVERTS, CLASS IV
•		FILL, STATION ************************************			(600MM)
Lump Sum	LS	(135+87.160 -L- SB) REINFORCED BRIDGE APPROACH	230.4	M	****MM RC PIPE CULVERTS, CLASS IV
Dump Sum	LS	FILL, STATION *********			(750MM)
		(18+45.710 -RPAC-)	117.6	M	****MM RC PIPE CULVERTS, CLASS
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ************************************			IV (900MM)
T C	T C	(18+65.880 -LSB-) REINFORCED BRIDGE APPROACH	892.8	M	400MM BIT COAT CS PIPE CUL-
Lump Sum	LS	FILL, STATION ************************************	176.4	M	VERTS, TYPE B 1.63MM THICK 450MM BIT COAT CS PIPE CUL-
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ************************************	80.4	M	VERTS, TYPE B 1.63MM THICK 600MM BIT COAT CS PIPE CUL-
I G	7.0	(22+41.650 -LSB-) REINFORCED BRIDGE APPROACH	40.8	M	VERTS, TYPE B 1.63MM THICK 800MM BIT COAT CS PIPE CUL-
Lump Sum	LS	FILL, STATION ************************************	84	EA	VERTS, TYPE B 2.01MM THICK 400MM BIT COAT CS PIPE ELBOWS,
Lump Sum	LS	REINFORCED BRIDGE APPROACH			TYPE B 1.63MM THICK
		FILL, STATION ************************************	14	EA	450MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
24,500	М3	(39+59.890 -I40EB-) UNDERCUT EXCAVATION	6	EA	600MM BIT COAT CS PIPE ELBOWS,
1,600	MTN	CLASS IV SUBGRADE STABILIZA-		T7.4	TYPE B 1.63MM THICK
		TION	1	EA	800MM BIT COAT CS PIPE ELBOWS, TYPE B 2.01MM THICK
2,650,000	M3 EA	BORROW EXCAVATION EMBANKMENT SETTLEMENT GAUGES	22.8	M	****MM WELDED STEEL PIPE,
53,000	M3	DRAINAGE DITCH EXCAVATION			****MM THICK, GRADE B, INSTAL- LED BY BORING & JACKING
17,500	M2	REMOVAL OF EXISTING ASPHALT			(1650MM, 22MM)
4 200	2.50	PAVEMENT	45.6	M	****MM WELDED STEEL PIPE,
1,300	M2	REMOVAL OF EXISTING CONCRETE PAVEMENT			****MM THICK, GRADE B, INSTAL- LED BY BORING & JACKING
250	M2	BREAKING OF EXISTING ASPHALT PAVEMENT	3,506	M	(600MM, 12.7MM) PIPE REMOVAL
50	HR	PROOF ROLLING	425	M2	150MM SLOPE PROTECTION
7,000	M3	SELECT GRANULAR MATERIAL	Lump Sum		FINE GRADING
5,000	M2	FABRIC FOR SOIL STABILIZATION TEMPORARY SHORING - BARRIER	93,250	M2	LIME TREATED SOIL (SLURRY METHOD)
75	M2	SUPPORTED	1,030	MTN	LIME FOR LIME TREATED SOIL
1,086	M2	GENERIC GRADING ITEM ROCK PLATING	64,800 62,200		AGGREGATE BASE COURSE ***MM SOIL CEMENT BASE
16,800	MTN	SELECT MATERIAL, CLASS II	62,200	1712	(180MM)
8,850		SELECT MATERIAL, CLASS III	1,870	MTN	PORTLAND CEMENT FOR SOIL CE-
2,600		SELECT MATERIAL, CLASS IV	/20	MTTAT	MENT BASE
3,780	MTN	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS	630 14,000		AGGREGATE FOR SOIL CEMENT BASE ASPHALT CURING SEAL
244.8	M	375MM SIDE DRAIN PIPE	500		INCIDENTAL STONE BASE
43.2	M	450MM SIDE DRAIN PIPE	1,950		MILLING ASPHALT PAVEMENT, **MM
24	M	600MM SIDE DRAIN PIPE			DEPTH (30MM)
					· · · · · · · · · · · · · · · · · · ·

175 M2 CONCRETE WHEELCHAIR RAMPS

			175	M2	CONCRETE WHEELCHAIR RAMPS
			220	M2	100MM CONCRETE PAVED DITCH
			700	M2	125MM MONOLITHIC CONCRETE IS-
18,100	MTN	ASPHALT CONC BASE COURSE, TYPE			LANDS (SURFACE MOUNTED)
,		B25.0B	170	М	CONCRETE BARRIER, TYPE *******
20,000	MTN	ASPHALT CONC BASE COURSE, TYPE	1.050		(T2)
		B25.0C	1,950	M	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
20,000	MTN	ASPHALT CONC INTERMEDIATE	1.000	M2	GENERIC PAVING ITEM
		COURSE, TYPE I19.0B	1,080	IVIZ	100MM CONCRETE COVER
4,600	MTN	ASPHALT CONC INTERMEDIATE	10,500	M2	GENERIC PAVING ITEM
		COURSE, TYPE I19.0C	10,300	1412	150MM CONCRETE COVER
9,300	MTN	ASPHALT CONC INTERMEDIATE	11	EA	ADJUSTMENT OF MANHOLES
		COURSE, TYPE I19.0D			
1,320	MTN	ASPHALT CONC SURFACE COURSE,	41	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
		TYPE S9.5A	3	T: A	
25,000	MTN	ASPHALT CONC SURFACE COURSE,	3	EA	IMPACT ATTENUATOR UNIT, TYPE 350
		TYPE \$9.5B	12,508.23	M	STEEL BM GUARDRAIL
3,600	MTN	ASPHALT CONC SURFACE COURSE,			
		TYPE S9.5C	16	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
5,900	MTN	ASPHALT CONC SURFACE COURSE,	29	EA	GUARDRAIL ANCHOR UNITS, TYPE
		TYPE \$12.5D	. 29	EA	III
4,978	MTN	ASPHALT BINDER FOR PLANT MIX,	25	EA	GUARDRAIL ANCHOR UNITS, TYPE
		GRADE PG 64-22	23	LA	350
672	MIN	ASPHALT BINDER FOR PLANT MIX,	13	EA	GUARDRAIL ANCHOR UNITS, TYPE
	3 4770 T	GRADE PG 70-22	13	1271	XI (MOD)
325	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 76-22	1,025	M	REMOVE EXISTING GUARDRAIL
) emit		118.11	M	TEMPORARY STEEL BM GUARDRAIL
15,725	MIN	PERMEABLE ASPHALT DRAINAGE COURSE, TYPE P-78M		EA	GUARDRAIL ANCHOR UNITS, TYPE
705	MEENT		1	EA	********* TEMPORARY
725	MTN	ASPHALT PLANT MIX PAVEMENT REPAIR			(CAT-1)
92 500	MO	***MM PORT CEM CONC PAVEMENT,	1	EA	GUARDRAIL ANCHOR UNITS, TYPE
82,500	M2	THROUGH LANES (WITH DOWELS)	•		350 TEMPORARY
		(280MM)	9,900	M	CHAIN LINK FENCE, 1200MM
7,850	M 2	***MM PORT CEM CONC PAVEMENT,	>,>00		FABRIC
7,030	1412	THROUGH LANES (WITH DOWELS)	2,710	EA	METAL LINE POSTS FOR 1200MM
		(360MM)	- ,	23. 2	CHAIN LINK FENCE
Lump Sum	LS	SURFACE TESTING CONCRETE PAVE-	130	EA	METAL TERMINAL POSTS FOR
		MENT			1200MM CHAIN LINK FENCE
450	M2	CONCRETE SHOULDERS ADJACENT TO	2	EA	METAL GATE POSTS FOR ****MM
		***MM PAVEMENT	-		CHAIN LINK FENCE, SINGLE GATE
		(280MM)			(1200MM)
Lump Sum	LS	FIELD LABORATORY RENTAL, PORT	1	EA	SINGLE GATES, ****MM HIGH,
-		CEM CONC PAVEMENT			****MM WIDE, ****MM OPENING
850	M3	SUBDRAIN EXCAVATION			(1200MM, 4500MM, 4500MM)
425	M3	SUBDRAIN FINE AGGREGATE	775	MTN	PLAIN RIP RAP, CLASS I
1,000	M	150MM PERFORATED SUBDRAIN PIPE	3,450	MTN	PLAIN RIP RAP, CLASS B
34	EA	150MM SUBDRAIN PIPE WYES,	13,200	M2	FILTER FABRIC FOR DRAINAGE
		TEES, & ELBOWS	1,400	M3	GENERIC WALL ITEM
7	EA	CONCRETE PAD FOR SUBDRAIN PIPE	•		SELECT GRANULAR MATERIAL FOR
7	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	,		
7 14	EA M		5,000	M2	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM
		OUTLET	·	M2	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC
14 6,382	M	OUTLET 150MM OUTLET PIPE (SUBDRAINS)	5,000		SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL
14 6,382 6,382	M M M	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 100MM SHOULDER DRAIN PIPE	·	M2 M3	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOT-
14 6,382	M M	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 100MM SHOULDER DRAIN PIPE 100MM OUTLET PIPE (SHOULDER	5,000	М3	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOT- INGS
14 6,382 6,382 243	M M M	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 100MM SHOULDER DRAIN PIPE	5,000	M3 M3	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOT- INGS PLAIN CONCRETE SIGN FOOTINGS
14 6,382 6,382	M M M	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 100MM SHOULDER DRAIN PIPE 100MM OUTLET PIPE (SHOULDER DRAINS)	5,000 4 1 1,611	M3 M3 KG	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOT- INGS PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, BREAKAWAY STEEL BEAM
14 6,382 6,382 243	M M M	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 100MM SHOULDER DRAIN PIPE 100MM OUTLET PIPE (SHOULDER DRAINS) CONCRETE PAD FOR SHOULDER	5,000 4 1 1,611 599	M3 M3	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOT- INGS PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, BREAKAWAY STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM
14 6,382 6,382 243 19	M M M M	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 100MM SHOULDER DRAIN PIPE 100MM OUTLET PIPE (SHOULDER DRAINS) CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET	5,000 4 1 1,611	M3 M3 KG	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOTINGS PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, BREAKAWAY STEEL BEAM SUPPORTS, 4.5KG STEEL
14 6,382 6,382 243 19 50 24.8	M M M M EA	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 160MM SHOULDER DRAIN PIPE 160MM OUTLET PIPE (SHOULDER DRAINS) CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET BLOTTING SAND ENDWALLS	5,000 4 1 1,611 599 532.6	M3 KG KG M	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOTINGS PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, BREAKAWAY STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, 4.5KG STEEL U-CHANNEL
14 6,382 6,382 243 19 50 24.8 16.2	M M M M EA MTN M3 M3	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 100MM SHOULDER DRAIN PIPE 100MM OUTLET PIPE (SHOULDER DRAINS) CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET BLOTTING SAND ENDWALLS REINFORCED ENDWALLS	5,000 4 1 1,611 599	M3 KG KG M	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOTINGS PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, BREAKAWAY STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, 4.5KG STEEL U-CHANNEL SIGN ERECTION, TYPE D
14 6,382 6,382 243 19 50 24.8 16.2 2.7	M M M M EA MTN M3 M3	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 100MM SHOULDER DRAIN PIPE 100MM OUTLET PIPE (SHOULDER DRAINS) CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET BLOTTING SAND ENDWALLS REINFORCED ENDWALLS PIPE COLLARS	5,000 4 1 1,611 599 532.6 2	M3 KG KG M EA	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOTINGS PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, 4.5KG STEEL U-CHANNEL SIGN FRECTION, TYPE D SIGN FRECTION, TYPE E
14 6,382 6,382 243 19 50 24.8 16.2 2.7 0.15	M M M EA MTN M3 M3 M3	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 100MM SHOULDER DRAIN PIPE 100MM OUTLET PIPE (SHOULDER DRAINS) CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET BLOTTING SAND ENDWALLS REINFORCED ENDWALLS PIPE COLLARS PIPE PLUGS	5,000 4 1 1,611 599 532.6	M3 KG KG M	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOTINGS PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, BREAKAWAY STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, 4.5KG STEEL U-CHANNEL SIGN ERECTION, TYPE D
14 6,382 6,382 243 19 50 24.8 16.2 2.7 0.15 328	M M M EA MTN M3 M3 M3 EA	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 100MM SHOULDER DRAIN PIPE 100MM OUTLET PIPE (SHOULDER DRAINS) CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET BLOTTING SAND ENDWALLS REINFORCED ENDWALLS PIPE COLLARS PIPE PLUGS MASONRY DRAINAGE STRUCTURES	5,000 4 1 1,611 599 532.6 2	M3 KG KG M EA	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOTINGS PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, 4.5KG STEEL U-CHANNEL SIGN ERECTION, TYPE D SIGN ERECTION, TYPE E
14 6,382 6,382 243 19 50 24.8 16.2 2.7 0.15 328 27	M M M M EA MTN M3 M3 M3 EA M3	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 160MM SHOULDER DRAIN PIPE 160MM OUTLET PIPE (SHOULDER DRAINS) CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET BLOTTING SAND ENDWALLS REINFORCED ENDWALLS PIPE COLLARS PIPE PLUGS MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES	5,000 4 1 1,611 599 532.6 2 95 5	M3 KG KG M EA EA	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOTINGS PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, 4.5KG STEEL U-CHANNEL SIGN ERECTION, TYPE D SIGN ERECTION, TYPE F SIGN ERECTION, TYPE F SIGN ERECTION, TYPE F SIGN ERECTION, TYPE **** (OVERHEAD)
14 6,382 6,382 243 19 50 24.8 16.2 2.7 0.15 328 27 38.04	M M M M EA MTN M3 M3 M3 EA M3 M	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 100MM SHOULDER DRAIN PIPE 100MM OUTLET PIPE (SHOULDER DRAINS) CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET BLOTTING SAND ENDWALLS REINFORCED ENDWALLS PIPE COLLARS PIPE PLUGS MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES	5,000 4 1 1,611 599 532.6 2 95 5	M3 KG KG M EA EA EA	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOTINGS PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, BREAKAWAY STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, 4.5KG STEEL U-CHANNEL SIGN ERECTION, TYPE D SIGN ERECTION, TYPE E SIGN ERECTION, TYPE F SIGN ERECTION, TYPE F SIGN ERECTION, TYPE **** (OVER-HEAD) (A)
14 6,382 6,382 243 19 50 24.8 16.2 2.7 0.15 328 27 38.04	M M M EA MTN M3 M3 M3 M3 EA M3 M EA	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 100MM SHOULDER DRAIN PIPE 100MM OUTLET PIPE (SHOULDER DRAINS) CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET BLOTTING SAND ENDWALLS REINFORCED ENDWALLS PIPE COLLARS PIPE PLUGS MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES FRAME WITH GRATE, STD 840.22	5,000 4 1 1,611 599 532.6 2 95 5	M3 KG KG M EA EA	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOTINGS PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, BREAKAWAY STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, 4.5KG STEEL U-CHANNEL SIGN ERECTION, TYPE D SIGN ERECTION, TYPE F SIGN ERECTION, TYPE F SIGN ERECTION, TYPE **** (OVER-HEAD) (A) SIGN ERECTION, TYPE **** (OVER-
14 6,382 6,382 243 19 50 24.8 16.2 2.7 0.15 328 27 38.04	M M M M EA MTN M3 M3 M3 EA M3 M	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 100MM SHOULDER DRAIN PIPE 100MM OUTLET PIPE (SHOULDER DRAINS) CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET BLOTTING SAND ENDWALLS REINFORCED ENDWALLS PIPE COLLARS PIPE PLUGS MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES FRAME WITH GRATE, STD 840.22 FRAME WITH TWO GRATES, STD	5,000 4 1 1,611 599 532.6 2 95 5	M3 KG KG M EA EA EA	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOTINGS PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, BREAKAWAY STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, 4.5KG STEEL U-CHANNEL SIGN ERECTION, TYPE D SIGN ERECTION, TYPE E SIGN ERECTION, TYPE F SIGN ERECTION, TYPE F SIGN ERECTION, TYPE **** (OVERHEAD) (A) SIGN ERECTION, TYPE **** (OVERHEAD) SIGN ERECTION, TYPE **** (OVERHEAD) SIGN ERECTION, TYPE **** (OVERHEAD)
14 6,382 6,382 243 19 50 24.8 16.2 2.7 0.15 328 27 38.04	M M M EA MTN M3 M3 M3 M3 EA M3 M EA	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 160MM SHOULDER DRAIN PIPE 160MM OUTLET PIPE (SHOULDER DRAINS) CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET BLOTTING SAND ENDWALLS REINFORCED ENDWALLS PIPE COLLARS PIPE PLUGS MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES FRAME WITH GRATE, STD 840.22 FRAME WITH TWO GRATES, STD 840.*****	5,000 4 1 1,611 599 532.6 2 95 5	M3 KG KG M EA EA EA	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOTINGS PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, BREAKAWAY STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, 4.5KG STEEL U-CHANNEL SIGN ERECTION, TYPE D SIGN ERECTION, TYPE E SIGN ERECTION, TYPE F SIGN ERECTION, TYPE F SIGN ERECTION, TYPE *** (OVER-HEAD) (A) SIGN ERECTION, TYPE *** (OVER-HEAD) (B)
14 6,382 6,382 243 19 50 24.8 16.2 2.7 0.15 328 27 38.04	M M M M EA MTN M3 M3 M3 EA M3 M3 EA	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 100MM SHOULDER DRAIN PIPE 100MM OUTLET PIPE (SHOULDER DRAINS) CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET BLOTTING SAND ENDWALLS REINFORCED ENDWALLS PIPE COLLARS PIPE PLUGS MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES FRAME WITH GRATE, STD 840.22 FRAME WITH TWO GRATES, STD 840.****** (840.20)	5,000 4 1 1,611 599 532.6 2 95 5	M3 KG KG M EA EA EA	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOTINGS PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, BREAKAWAY STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, 4.5KG STEEL U-CHANNEL SIGN ERECTION, TYPE D SIGN ERECTION, TYPE E SIGN ERECTION, TYPE F SIGN ERECTION, TYPE *** (OVER-HEAD) (A) SIGN ERECTION, TYPE **** (OVER-HEAD) (B) SIGN ERECTION, TYPE ****
14 6,382 6,382 243 19 50 24.8 16.2 2.7 0.15 328 27 38.04	M M M EA MTN M3 M3 M3 M3 EA M3 M EA	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 100MM SHOULDER DRAIN PIPE 100MM OUTLET PIPE (SHOULDER DRAINS) CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET BLOTTING SAND ENDWALLS REINFORCED ENDWALLS PIPE COLLARS PIPE PLUGS MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES FRAME WITH GRATE, STD 840.22 FRAME WITH TWO GRATES, STD 840.****** (840.20) FRAME WITH TWO GRATES, STD	5,000 4 1 1,611 599 532.6 2 95 5	M3 KG KG M EA EA EA	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOTINGS PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, BREAKAWAY STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, 4.5KG STEEL U-CHANNEL SIGN ERECTION, TYPE D SIGN ERECTION, TYPE F SIGN ERECTION, TYPE F SIGN ERECTION, TYPE F SIGN ERECTION, TYPE *** (OVERHEAD) (A) (A) (B) SIGN ERECTION, TYPE *** (OVERHEAD) (B) SIGN ERECTION, TYPE *** (OVERHEAD) (B) SIGN ERECTION, TYPE *** (OVERHEAD) (B) SIGN ERECTION, TYPE *** (GROUND MOUNTED)
14 6,382 6,382 243 19 50 24.8 16.2 2.7 0.15 328 27 38.04 1 81	M M M EA MTN M3 M3 M3 EA M3 EA	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 100MM SHOULDER DRAIN PIPE 100MM OUTLET PIPE (SHOULDER DRAINS) CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET BLOTTING SAND ENDWALLS REINFORCED ENDWALLS PIPE COLLARS PIPE PLUGS MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES FRAME WITH GRATE, STD 840.22 FRAME WITH TWO GRATES, STD 840.****** (840.20) FRAME WITH TWO GRATES, STD 840.16	5,000 4 1 1,611 599 532.6 2 95 5 3	M3 KG KG M EA EA EA EA	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOTINGS PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, 4.5KG STEEL U-CHANNEL SIGN ERECTION, TYPE D SIGN ERECTION, TYPE F SIGN ERECTION, TYPE F SIGN ERECTION, TYPE *** (OVERHEAD) (A) SIGN ERECTION, TYPE *** (OVERHEAD) (B) SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
14 6,382 6,382 243 19 50 24.8 16.2 2.7 0.15 328 27 38.04	M M M M EA MTN M3 M3 M3 EA M3 M3 EA	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 100MM SHOULDER DRAIN PIPE 100MM OUTLET PIPE (SHOULDER DRAINS) CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET BLOTTING SAND ENDWALLS REINFORCED ENDWALLS PIPE COLLARS PIPE PLUGS MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES FRAME WITH TWO GRATES, STD 840.***** (840.20) FRAME WITH TWO GRATES, STD 840.16 FRAME WITH TWO GRATES, STD	5,000 4 1 1,611 599 532.6 2 95 5	M3 KG KG M EA EA EA	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOTINGS PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, BREAKAWAY STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, 4.5KG STEEL U-CHANNEL SIGN ERECTION, TYPE D SIGN ERECTION, TYPE E SIGN ERECTION, TYPE F SIGN ERECTION, TYPE *** (OVER-HEAD) (A) SIGN ERECTION, TYPE **** (OVER-HEAD) (B) SIGN ERECTION, TYPE **** (GROUND MOUNTED) (A) SIGN ERECTION, TYPE **** (GROUND MOUNTED) (A) SIGN ERECTION, TYPE ****
14 6,382 6,382 243 19 50 24.8 16.2 2.7 0.15 328 27 38.04 1 81	M M M M M M M M M M M M M M M M M M M	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 100MM SHOULDER DRAIN PIPE 100MM OUTLET PIPE (SHOULDER DRAINS) CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET BLOTTING SAND ENDWALLS REINFORCED ENDWALLS PIPE COLLARS PIPE PLUGS MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES FRAME WITH GRATE, STD 840.22 FRAME WITH TWO GRATES, STD 840.20) FRAME WITH TWO GRATES, STD 840.16 FRAME WITH TWO GRATES, STD 840.22	5,000 4 1 1,611 599 532.6 2 95 5 3	M3 KG KG M EA EA EA EA	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOTINGS PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, BREAKAWAY STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, 4.5KG STEEL U-CHANNEL SIGN ERECTION, TYPE D SIGN ERECTION, TYPE F SIGN ERECTION, TYPE F SIGN ERECTION, TYPE *** (OVERHEAD) (A) SIGN ERECTION, TYPE *** (OVERHEAD) (B) SIGN ERECTION, TYPE *** (OVERHEAD) (C) SIGN ERECTION, TYPE *** (OVERHEAD) (B) SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A) SIGN ERECTION, TYPE *** (GROUND MOUNTED) SIGN ERECTION, TYPE *** (GROUND MOUNTED)
14 6,382 6,382 243 19 50 24.8 16.2 2.7 0.15 328 27 38.04 1 81	M M M EA MTN M3 M3 M3 EA M3 EA	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 100MM SHOULDER DRAIN PIPE 100MM OUTLET PIPE (SHOULDER DRAINS) CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET BLOTTING SAND ENDWALLS REINFORCED ENDWALLS PIPE COLLARS PIPE PLUGS MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES FRAME WITH GRATE, STD 840, 22 FRAME WITH TWO GRATES, STD 840, 16 FRAME WITH TWO GRATES, STD 840, 16 FRAME WITH TWO GRATES, STD 840, 22 FRAME WITH TWO GRATES, STD	5,000 4 1 1,611 599 532.6 2 95 5 5 3	M3 KG KG M EA EA EA EA	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOTINGS PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, BREAKAWAY STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, 4.5KG STEEL U-CHANNEL SIGN ERECTION, TYPE D SIGN ERECTION, TYPE F SIGN ERECTION, TYPE F SIGN ERECTION, TYPE *** (OVERHEAD) (A) SIGN ERECTION, TYPE **** (OVERHEAD) (B) SIGN ERECTION, TYPE **** (GROUND MOUNTED) (A) SIGN ERECTION, TYPE **** (GROUND MOUNTED) (B) SIGN ERECTION, TYPE **** (GROUND MOUNTED) (B)
14 6,382 6,382 243 19 50 24.8 16.2 2.7 7 0.15 328 27 38.04 1 81	M M M M EA MTN M3 M3 EA M3 M EA EA EA	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 100MM SHOULDER DRAIN PIPE 100MM OUTLET PIPE (SHOULDER DRAINS) CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET BLOTTING SAND ENDWALLS REINFORCED ENDWALLS PIPE COLLARS PIPE PLUGS MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES FRAME WITH GRATE, STD 840.22 FRAME WITH TWO GRATES, STD 840.20 FRAME WITH TWO GRATES, STD 840.16 FRAME WITH TWO GRATES, STD 840.22 FRAME WITH TWO GRATES, STD 840.24	5,000 4 1 1,611 599 532.6 2 95 5 3	M3 KG KG M EA EA EA EA	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOTINGS PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, BREAKAWAY STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, 4.5KG STEEL U-CHANNEL SIGN ERECTION, TYPE D SIGN ERECTION, TYPE D SIGN ERECTION, TYPE #** (OVER-HEAD) (A) SIGN ERECTION, TYPE *** (OVER-HEAD) (B) SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A) SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B) DISPOSAL OF SIGN SYSTEM, STEEL
14 6,382 6,382 243 19 50 24.8 16.2 2.7 0.15 328 27 38.04 1 81	M M M M M M M M M M M M M M M M M M M	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 100MM SHOULDER DRAIN PIPE 100MM OUTLET PIPE (SHOULDER DRAINS) CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET BLOTTING SAND ENDWALLS REINFORCED ENDWALLS PIPE COLLARS PIPE PLUGS MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES FRAME WITH GRATE, STD 840, 22 FRAME WITH TWO GRATES, STD 840, 240 FRAME WITH TWO GRATES, STD 840, 22 FRAME WITH TWO GRATES, STD 840, 24 FRAME WITH TWO GRATES, STD	5,000 4 1 1,611 599 532.6 2 95 5 3 9 1	M3 KG KG M EA EA EA EA	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOTINGS PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, BREAKAWAY STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, 4.5KG STEEL U-CHANNEL SIGN ERECTION, TYPE D SIGN ERECTION, TYPE E SIGN ERECTION, TYPE F SIGN ERECTION, TYPE *** (OVER-HEAD) (A) SIGN ERECTION, TYPE *** (OVER-HEAD) (B) SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A) SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B) DISPOSAL OF SIGN SYSTEM, STEEL BEAM
14 6,382 6,382 243 19 50 24.8 16.2 2.7 0.15 328 27 38.04 1 81	M M M M M M M M M M M M M M M M M M M	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 100MM SHOULDER DRAIN PIPE 100MM OUTLET PIPE (SHOULDER DRAINS) CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET BLOTTING SAND ENDWALLS REINFORCED ENDWALLS PIPE COLLARS PIPE PLUGS MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES FRAME WITH TWO GRATES, STD 840.22 FRAME WITH TWO GRATES, STD 840.16 FRAME WITH TWO GRATES, STD 840.22 FRAME WITH TWO GRATES, STD 840.24 FRAME WITH TWO GRATES, STD 840.29	5,000 4 1 1,611 599 532.6 2 95 5 5 3	M3 KG KG M EA EA EA EA	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOTINGS PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, BREAKAWAY STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, 4.5KG STEEL U-CHANNEL SIGN ERECTION, TYPE D SIGN ERECTION, TYPE D SIGN ERECTION, TYPE #** (OVER-HEAD) (A) SIGN ERECTION, TYPE *** (OVER-HEAD) (B) SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A) SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B) DISPOSAL OF SIGN SYSTEM, STEEL
14 6,382 6,382 243 19 50 24.8 16.2 2.7 7 0.15 328 27 38.04 1 81	M M M M EA MTN M3 M3 EA M3 M EA EA EA	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 100MM SHOULDER DRAIN PIPE 100MM OUTLET PIPE (SHOULDER DRAINS) CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET BLOTTING SAND ENDWALLS REINFORCED ENDWALLS PIPE COLLARS PIPE PLUGS MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES FRAME WITH GRATE, STD 840.22 FRAME WITH TWO GRATES, STD 840.29 FRAME WITH TWO GRATES, STD 840.16 FRAME WITH TWO GRATES, STD 840.22 FRAME WITH TWO GRATES, STD 840.29 FRAME WITH TWO GRATES, STD	5,000 4 1 1,611 599 532.6 2 95 5 3 9 1	M3 KG KG M EA EA EA EA	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOTINGS PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, BREAKAWAY STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, 4.5KG STEEL U-CHANNEL SIGN ERECTION, TYPE D SIGN ERECTION, TYPE F SIGN ERECTION, TYPE F SIGN ERECTION, TYPE *** (OVERHEAD) (A) SIGN ERECTION, TYPE **** (OVERHEAD) (B) SIGN ERECTION, TYPE **** (GROUND MOUNTED) (A) SIGN ERECTION, TYPE **** (GROUND MOUNTED) (B) DISPOSAL OF SIGN SYSTEM, STEEL BEAM DISPOSAL OF SIGN SYSTEM, U-CHANNEL
14 6,382 6,382 243 19 50 24.8 16.2 2.7 0.15 328 27 38.04 1 81	M M M M M M M M M M M M M M M M M M M	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 100MM SHOULDER DRAIN PIPE 100MM OUTLET PIPE (SHOULDER DRAINS) CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET BLOTTING SAND ENDWALLS REINFORCED ENDWALLS PIPE COLLARS PIPE PLUGS MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES FRAME WITH GRATE, STD 840.22 FRAME WITH TWO GRATES, STD 840.29 FRAME WITH GRATE & HOOD, STD 840.3, TYPE **	5,000 4 1 1,611 599 532.6 2 95 5 5 1 3 9 1 1 3	M3 KG KG M EA EA EA EA EA	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOTINGS PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, 4.5KG STEEL U-CHANNEL SIGN ERECTION, TYPE D SIGN ERECTION, TYPE F SIGN ERECTION, TYPE F SIGN ERECTION, TYPE **** (OVERHEAD) (A) SIGN ERECTION, TYPE **** (OVERHEAD) (B) SIGN ERECTION, TYPE **** (OVERHEAD) (A) SIGN ERECTION, TYPE **** (GROUND MOUNTED) (B) DISPOSAL OF SIGN SYSTEM, STEEL BEAM DISPOSAL OF SIGN SYSTEM, U-CHANNEL DISPOSAL OF SIGN, A OR B
14 6,382 6,382 243 19 50 24.8 16.2 2.7 0.15 328 27 38.04 1 81	M M M M M M M M M M M M M M M M M M M	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 100MM SHOULDER DRAIN PIPE 100MM OUTLET PIPE (SHOULDER DRAINS) CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET BLOTTING SAND ENDWALLS REINFORCED ENDWALLS PIPE COLLARS PIPE PLUGS MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES FRAME WITH GRATE, STD 840.22 FRAME WITH TWO GRATES, STD 840.20) FRAME WITH TWO GRATES, STD 840.16 FRAME WITH TWO GRATES, STD 840.22 FRAME WITH TWO GRATES, STD 840.24 FRAME WITH TWO GRATES, STD 840.25 FRAME WITH TWO GRATES, STD 840.26 FRAME WITH TWO GRATES, STD 840.27 FRAME WITH TWO GRATES, STD 840.29 FRAME WITH GRATE & HOOD, STD 840.37, TYPE ** (E)	5,000 4 1 1,611 599 532.6 2 95 5 3 9 1 3 12	M3 KG KG M EA EA EA EA EA	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOTINGS PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, BREAKAWAY STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, 4.5KG STEEL U-CHANNEL SIGN ERECTION, TYPE D SIGN ERECTION, TYPE F SIGN ERECTION, TYPE F SIGN ERECTION, TYPE *** (OVERHEAD) (A) SIGN ERECTION, TYPE **** (OVERHEAD) (B) SIGN ERECTION, TYPE **** (GROUND MOUNTED) (A) SIGN ERECTION, TYPE **** (GROUND MOUNTED) (B) DISPOSAL OF SIGN SYSTEM, STEEL BEAM DISPOSAL OF SIGN SYSTEM, U-CHANNEL
14 6,382 6,382 243 19 50 24.8 16.2 2.7 0.15 328 27 38.04 1 81	M M M M M M M M M M M M M M M M M M M	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 100MM SHOULDER DRAIN PIPE 100MM OUTLET PIPE (SHOULDER DRAINS) CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET BLOTTING SAND ENDWALLS REINFORCED ENDWALLS PIPE COLLARS PIPE PLUGS MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES FRAME WITH GRATE, STD 840.22 FRAME WITH TWO GRATES, STD 840.29 FRAME WITH GRATE & HOOD, STD 840.3, TYPE **	5,000 4 1 1,611 599 532.6 2 95 5 5 1 3 9 1 1 3	M3 KG KG M EA EA EA EA EA EA	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOTINGS PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, BREAKAWAY STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, 4.5KG STEEL U-CHANNEL SIGN ERECTION, TYPE D SIGN ERECTION, TYPE F SIGN ERECTION, TYPE F SIGN ERECTION, TYPE *** (OVER-HEAD) (A) SIGN ERECTION, TYPE *** (OVER-HEAD) (B) SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A) SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B) DISPOSAL OF SIGN SYSTEM, STEEL BEAM DISPOSAL OF SIGN SYSTEM, U-CHANNEL LISPOSAL OF SIGN, A OR B (OVERHEAD)
14 6,382 6,382 243 19 50 24.8 16.2 2.7 0.15 328 27 38.04 1 81	M M M M M M M M M M M M M M M M M M M	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 100MM SHOULDER DRAIN PIPE 100MM OUTLET PIPE (SHOULDER DRAINS) CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET BLOTTING SAND ENDWALLS REINFORCED ENDWALLS PIPE PLUGS MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES FRAME WITH GRATE, STD 840,22 FRAME WITH TWO GRATES, STD 840,24 FRAME WITH TWO GRATES, STD 840,24 FRAME WITH TWO GRATES, STD 840,29 FRAME WITH GRATE & HOOD, STD 840,30, TYPE ** (E) FRAME WITH GRATE & HOOD, STD	5,000 4 1 1,611 599 532.6 2 95 5 3 9 1 3 12	M3 KG KG M EA EA EA EA EA EA	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOTINGS PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, BREAKAWAY STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, 4.5KG STEEL U-CHANNEL SIGN ERECTION, TYPE D SIGN ERECTION, TYPE F SIGN ERECTION, TYPE F SIGN ERECTION, TYPE *** (OVERHEAD) (A) (A) (B) (B) (B) (B) (C) (C) (C) (C) (C) (C) (C) (C) (C) (C
14 6,382 6,382 243 19 50 24.8 16.2 2.7 0.15 328 27 38.04 1 81	M M M M M M M M M M M M M M M M M M M	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 100MM SHOULDER DRAIN PIPE 100MM OUTLET PIPE (SHOULDER DRAINS) CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET BLOTTING SAND ENDWALLS REINFORCED ENDWALLS PIPE COLLARS PIPE PLUGS MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES FRAME WITH TWO GRATES, STD 840.22 FRAME WITH TWO GRATES, STD 840.16 FRAME WITH TWO GRATES, STD 840.22 FRAME WITH TWO GRATES, STD 840.24 FRAME WITH TWO GRATES, STD 840.25 FRAME WITH TWO GRATES, STD 840.27 FRAME WITH TWO GRATES, STD 840.29 FRAME WITH TWO GRATES, STD 840.10 FRAME WITH TWO GRATES, STD 840.21 FRAME WITH TWO GRATES, STD 840.22 FRAME WITH TWO GRATES, STD 840.23 FRAME WITH TWO GRATES, STD 840.24 FRAME WITH TWO GRATES, STD 840.25 FRAME WITH TWO GRATES, STD 840.27 FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E) FRAME WITH GRATE & HOOD, STD 840.03, TYPE **	5,000 4 1 1,611 599 532.6 2 95 5 3 9 1 3 12	M3 KG KG M EA EA EA EA EA EA	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOTINGS PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, SIMPLE STEEL SIGN ERECTION, TYPE SIGN ERECTION, TYPE *** (OVERHEAD) (A) SIGN ERECTION, TYPE *** (OVERHEAD) (B) SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A) SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B) DISPOSAL OF SIGN SYSTEM, STEEL BEAM DISPOSAL OF SIGN SYSTEM, U-CHANNEL DISPOSAL OF SIGN, A OR B (OVERHEAD) GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN BENCH
14 6,382 6,382 243 19 50 24.8 16.2 2.7 7 0.15 328 27 38.04 1 81	M M M M M M M M M M M M M M M M M M M	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 160MM SHOULDER DRAIN PIPE 160MM OUTLET PIPE (SHOULDER DRAINS) CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET BLOTTING SAND ENDWALLS REINFORCED ENDWALLS PIPE COLLARS PIPE PLUGS MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES FRAME WITH TWO GRATES, STD 840.22 FRAME WITH TWO GRATES, STD 840.22 FRAME WITH TWO GRATES, STD 840.25 FRAME WITH TWO GRATES, STD 840.26 FRAME WITH TWO GRATES, STD 840.27 FRAME WITH TWO GRATES, STD 840.29 FRAME WITH TWO GRATES, STD 840.29 FRAME WITH GRATE & HOOD, STD 840.31, TYPE ** (E) FRAME WITH GRATE & HOOD, STD 840.31, TYPE ** (F)	5,000 4 1 1,611 599 532.6 2 95 5 3 9 1 3 12 6 Lump Sum	M3 KG KG M EA EA EA EA EA LS	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOTINGS PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, 4.5KG STEEL U-CHANNEL SIGN ERECTION, TYPE D SIGN ERECTION, TYPE D SIGN ERECTION, TYPE F SIGN ERECTION, TYPE *** (OVER-HEAD) (A) SIGN ERECTION, TYPE *** (OVER-HEAD) (B) SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A) SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B) DISPOSAL OF SIGN SYSTEM, STEEL BEAM DISPOSAL OF SIGN SYSTEM, U-CHANNEL DISPOSAL OF SIGN, A OR B (OVERHEAD) GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN BENCH TEST UNIT
14 6,382 6,382 243 19 50 24.8 16.2 2.7 7 0.15 328 27 38.04 1 81	M M M M M M M M M M M M M M M M M M M	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 100MM SHOULDER DRAIN PIPE 100MM OUTLET PIPE (SHOULDER DRAINS) CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET BLOTTING SAND ENDWALLS REINFORCED ENDWALLS PIPE COLLARS PIPE PLUGS MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES FRAME WITH GRATE, STD 840.22 FRAME WITH TWO GRATES, STD 840.20) FRAME WITH TWO GRATES, STD 840.21 FRAME WITH TWO GRATES, STD 840.22 FRAME WITH TWO GRATES, STD 840.24 FRAME WITH TWO GRATES, STD 840.27 FRAME WITH TWO GRATES, STD 840.29 FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E) FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F) FRAME WITH GRATE & HOOD, STD	5,000 4 1 1,611 599 532.6 2 95 5 3 9 1 3 12 6 Lump Sum	M3 KG KG M EA EA EA EA EA LS	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOTINGS PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, BREAKAWAY STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, A.5KG STEEL U-CHANNEL SIGN ERECTION, TYPE D SIGN ERECTION, TYPE F SIGN ERECTION, TYPE F SIGN ERECTION, TYPE *** (OVERHEAD) (A) (A) SIGN ERECTION, TYPE *** (OVERHEAD) (B) SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A) SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B) DISPOSAL OF SIGN SYSTEM, STEEL BEAM DISPOSAL OF SIGN SYSTEM, U-CHANNEL DISPOSAL OF SIGN, A OR B (OVERHEAD) GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN BENCH TEST UNIT GENERIC SIGNING ITEM
14 6,382 6,382 243 19 50 24.8 16.2 2.7 7 0.15 328 27 38.04 1 81	M M M M M M M M M M M M M M M M M M M	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 100MM SHOULDER DRAIN PIPE 100MM OUTLET PIPE (SHOULDER DRAINS) CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET BLOTTING SAND ENDWALLS REINFORCED ENDWALLS PIPE COLLARS PIPE PLUGS MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES PRAME WITH GRATE, STD 840.22 FRAME WITH TWO GRATES, STD 840.20 FRAME WITH TWO GRATES, STD 840.16 FRAME WITH TWO GRATES, STD 840.22 FRAME WITH TWO GRATES, STD 840.22 FRAME WITH TWO GRATES, STD 840.29 FRAME WITH TWO GRATES, STD 840.20 FRAME WITH TWO GRATES, STD 840.21 FRAME WITH TWO GRATES, STD 840.22 FRAME WITH TWO GRATES, STD 840.23 FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F) FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F) FRAME WITH GRATE & HOOD, STD 840.03, TYPE **	5,000 4 1 1,611 599 532.6 2 95 5 3 9 1 3 12 6 Lump Sum	M3 KG KG M EA EA EA EA EA LS	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOTINGS PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, BREAKAWAY STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, 4.5KG STEEL U-CHANNEL SIGN ERECTION, TYPE D SIGN ERECTION, TYPE F SIGN ERECTION, TYPE F SIGN ERECTION, TYPE *** (OVERHEAD) (A) SIGN ERECTION, TYPE *** (OVERHEAD) (B) SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A) SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B) DISPOSAL OF SIGN SYSTEM, STEEL BEAM DISPOSAL OF SIGN SYSTEM, U-CHANNEL DISPOSAL OF SIGN, A OR B (OVERHEAD) GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN BENCH TEST UNIT GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN MAINTENANCE TRAINING GENERIC SIGNING ITEM
14 6,382 6,382 243 19 50 24.8 16.2 2.7 7 0.15 328 27 38.04 1 81 20 86 9 8 6	M M M M M M M M M M M M M M M M M M M	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 100MM SHOULDER DRAIN PIPE 100MM OUTLET PIPE (SHOULDER DRAINS) CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET BLOTTING SAND ENDWALLS REINFORCED ENDWALLS PIPE COLLARS PIPE PLUGS MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES FRAME WITH GRATE, STD 840.22 FRAME WITH TWO GRATES, STD 840.20) FRAME WITH TWO GRATES, STD 840.16 FRAME WITH TWO GRATES, STD 840.12 FRAME WITH TWO GRATES, STD 840.21 FRAME WITH TWO GRATES, STD 840.22 FRAME WITH TWO GRATES, STD 840.23 FRAME WITH TWO GRATES, STD 840.24 FRAME WITH TWO GRATES, STD 840.27 FRAME WITH TWO GRATES, STD 840.29 FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F) FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F) FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F) FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	5,000 4 1 1,611 599 532.6 2 95 5 3 9 1 3 12 6 Lump Sum	M3 KG KG M EA EA EA EA LS LS	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOTINGS PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, BREAKAWAY STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, 4.5KG STEEL U-CHANNEL SIGN ERECTION, TYPE D SIGN ERECTION, TYPE D SIGN ERECTION, TYPE F SIGN ERECTION, TYPE *** (OVERHEAD) (A) SIGN ERECTION, TYPE *** (OVERHEAD) (B) SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A) SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B) DISPOSAL OF SIGN SYSTEM, STEEL BEAM DISPOSAL OF SIGN SYSTEM, U-CHANNEL DISPOSAL OF SIGN, A OR B (OVERHEAD) GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN BENCH TEST UNIT GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN MAINTENANCE TRAINING GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN MAINTENANCE TRAINING GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM
14 6,382 6,382 243 19 50 24.8 16.2 2.7 7 0.15 328 27 38.04 1 81 20 86 9 8 6	M M M M M M M M M M M M M M M M M M M	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 100MM SHOULDER DRAIN PIPE 100MM OUTLET PIPE (SHOULDER DRAINS) CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET BLOTTING SAND ENDWALLS REINFORCED ENDWALLS PIPE COLLARS PIPE FLUGS MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES FRAME WITH GRATE, STD 840, 22 FRAME WITH TWO GRATES, STD 840, 23 FRAME WITH TWO GRATES, STD 840, 29 FRAME WITH TWO GRATES, STD 840, 37 FRAME WITH GRATE & HOOD, STD 840, 37 FRAME WITH GRATE & HOOD, STD 840, 37, TYPE ** (F) FRAME WITH GRATE & HOOD, STD 840, 37, TYPE ** (G) FRAME WITH GRATE & HOOD, STD 840, 37, TYPE ** (G) FRAME WITH COVER, STD 840, 54	5,000 4 1 1,611 599 532.6 2 95 5 3 9 1 3 12 6 Lump Sum	M3 KG KG M EA EA EA EA LS LS	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOTINGS PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, BREAKAWAY STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, 4.5KG STEEL U-CHANNEL SIGN ERECTION, TYPE D SIGN ERECTION, TYPE B SIGN ERECTION, TYPE *** (OVERHEAD) (A) SIGN ERECTION, TYPE *** (OVERHEAD) (B) SIGN ERECTION, TYPE *** (FROUND MOUNTED) (B) SIGN ERECTION, TYPE *** (SEEL ERECTION SYSTEM, U-CHANNEL SIGN SYSTEM, U-CHANNEL SIGNING ITEM DYNAMIC MESSAGE SIGN MAINTENANCE TRAINING GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS
14 6,382 6,382 243 19 50 24.8 16.2 2.7 7 0.15 328 27 38.04 1 81 20 86 9 8 6	M M M M M M M M M M M M M M M M M M M	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 100MM SHOULDER DRAIN PIPE 100MM OUTLET PIPE (SHOULDER DRAINS) CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET BLOTTING SAND ENDWALLS REINFORCED ENDWALLS PIPE PLUGS MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES FRAME WITH GRATE, STD 840, 22 FRAME WITH TWO GRATES, STD 840, 16 FRAME WITH TWO GRATES, STD 840, 16 FRAME WITH TWO GRATES, STD 840, 21 FRAME WITH TWO GRATES, STD 840, 22 FRAME WITH TWO GRATES, STD 840, 29 FRAME WITH GRATE & HOOD, STD 840, 30, TYPE ** (E) FRAME WITH GRATE & HOOD, STD 840, 30, TYPE ** (F) FRAME WITH GRATE & HOOD, STD 840, 30, TYPE ** (F) FRAME WITH GRATE & HOOD, STD 840, 30, TYPE ** (F) FRAME WITH GRATE & HOOD, STD 840, 30, TYPE ** (G) FRAME WITH COVER, STD 840, 54 STEEL FRAME WITH TWO GRATES,	5,000 4 1 1,611 599 532.6 2 95 5 3 9 1 3 12 6 Lump Sum	M3 KG KG M EA EA EA EA LS LS	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOTINGS PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, BREAKAWAY STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, A. SKG STEEL U-CHANNEL SIGN ERECTION, TYPE D SIGN ERECTION, TYPE F SIGN ERECTION, TYPE F SIGN ERECTION, TYPE *** (OVERHEAD) (A) SIGN ERECTION, TYPE *** (OVERHEAD) (B) SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A) SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B) DISPOSAL OF SIGN SYSTEM, STEEL BEAM DISPOSAL OF SIGN SYSTEM, U-CHANNEL DISPOSAL OF SIGN, A OR B (OVERHEAD) GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN BENCH TEST UNIT GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN MAINTENANCE TRAINING GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN MAINTENANCE TRAINING GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS GENERIC SIGNING ITEM
14 6,382 6,382 243 19 50 24.8 16.2 2.7 7 0.15 328 27 38.04 1 81 20 86 9 8 6	M M M M M M M M M M M M M M M M M M M	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 100MM SHOULDER DRAIN PIPE 100MM OUTLET PIPE (SHOULDER DRAINS) CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET BLOTTING SAND ENDWALLS REINFORCED ENDWALLS PIPE COLLARS PIPE PLUGS MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES FRAME WITH GRATE, STD 840.22 FRAME WITH TWO GRATES, STD 840.29 FRAME WITH TWO GRATES, STD 840.22 FRAME WITH TWO GRATES, STD 840.22 FRAME WITH TWO GRATES, STD 840.22 FRAME WITH TWO GRATES, STD 840.21 FRAME WITH TWO GRATES, STD 840.22 FRAME WITH TWO GRATES, STD 840.21 FRAME WITH TWO GRATES, STD 840.22 FRAME WITH TWO GRATES, STD 840.21 FRAME WITH TWO GRATES, STD 840.22 FRAME WITH TWO GRATES, STD 840.21 FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F) FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G) FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G) FRAME WITH COVER, STD 840.54 STEEL FRAME WITH TWO GRATES, STD840.37 750MM CONCRETE CURB & GUTTER	5,000 4 1 1,611 599 532.6 2 95 5 3 9 1 3 12 6 Lump Sum Lump Sum	M3 KG KG M EA EA EA EA LS LS	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOTINGS PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, BREAKAWAY STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, 4.5KG STEEL U-CHANNEL SIGN ERECTION, TYPE D SIGN ERECTION, TYPE D SIGN ERECTION, TYPE F SIGN ERECTION, TYPE *** (OVER-HEAD) (A) SIGN ERECTION, TYPE *** (OVER-HEAD) (B) SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A) SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B) DISPOSAL OF SIGN SYSTEM, STEEL BEAM DISPOSAL OF SIGN SYSTEM, U-CHANNEL DISPOSAL OF SIGN, A OR B (OVERHEAD) GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN MAINTENANCE TRAINING GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS
14 6,382 6,382 243 19 50 24.8 16.2 2.7 7 0.15 328 27 38.04 1 81 20 86 9 8 6	M M M M M M M M M M M M M M M M M M M	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 100MM SHOULDER DRAIN PIPE 100MM OUTLET PIPE (SHOULDER DRAINS) CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET BLOTTING SAND ENDWALLS REINFORCED ENDWALLS PIPE COLLARS PIPE PLUGS MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES FRAME WITH TWO GRATES, STD 840.22 FRAME WITH TWO GRATES, STD 840.22 FRAME WITH TWO GRATES, STD 840.24 FRAME WITH TWO GRATES, STD 840.25 FRAME WITH TWO GRATES, STD 840.26 FRAME WITH TWO GRATES, STD 840.27 FRAME WITH TWO GRATES, STD 840.29 FRAME WITH TWO GRATES, STD 840.30, TYPE ** (F) FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F) FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G) FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G) FRAME WITH COVER, STD 840.54 STEBLE FRAME WITH TWO GRATES, STD840.37 750MM CONCRETE CURB & GUTTER SHOULDER BERM GUTTER	5,000 4 1 1,611 599 532.6 2 95 5 3 9 1 3 12 6 Lump Sum Lump Sum	M3 KG KG M EA EA EA EA LS LS	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOTINGS PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, BREAKAWAY STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, A. SKG STEEL U-CHANNEL SIGN ERECTION, TYPE D SIGN ERECTION, TYPE F SIGN ERECTION, TYPE F SIGN ERECTION, TYPE *** (OVERHEAD) (A) SIGN ERECTION, TYPE *** (OVERHEAD) (B) SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A) SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B) DISPOSAL OF SIGN SYSTEM, STEEL BEAM DISPOSAL OF SIGN SYSTEM, U-CHANNEL DISPOSAL OF SIGN, A OR B (OVERHEAD) GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN BENCH TEST UNIT GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN MAINTENANCE TRAINING GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN MAINTENANCE TRAINING GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS GENERIC SIGNING ITEM
14 6,382 6,382 243 19 50 24.8 16.2 2.7 0.15 328 27 38.04 1 81 20 86 9 86 24 31 16 2 2 5,200 200	M M M M M M M M M M M M M M M M M M M	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 100MM SHOULDER DRAIN PIPE 100MM OUTLET PIPE (SHOULDER DRAINS) CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET BLOTTING SAND ENDWALLS REINFORCED ENDWALLS PIPE COLLARS PIPE PLUGS MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES FRAME WITH GRATE, STD 840, 22 FRAME WITH TWO GRATES, STD 840, ***** (840, 20) FRAME WITH TWO GRATES, STD 840, 22 FRAME WITH TWO GRATES, STD 840, 22 FRAME WITH TWO GRATES, STD 840, 22 FRAME WITH TWO GRATES, STD 840, 23 FRAME WITH TWO GRATES, STD 840, 24 FRAME WITH TWO GRATES, STD 840, 25 FRAME WITH TWO GRATES, STD 840, 27 FRAME WITH TWO GRATES, STD 840, 37 FRAME WITH GRATE & HOOD, STD 840, 33, TYPE ** (E) FRAME WITH GRATE & HOOD, STD 840, 33, TYPE ** (G) FRAME WITH GRATE & HOOD, STD 840, 33, TYPE ** (G) FRAME WITH GRATE & HOOD, STD 840, 33, TYPE ** (F) FRAME WITH GRATE & HOOD, STD 840, 33, TYPE ** (F) FRAME WITH GRATE & HOOD, STD 840, 33, TYPE ** (F) FRAME WITH GRATE & HOOD, STD 840, 33, TYPE ** (F) FRAME WITH GRATE & HOOD, STD 840, 31, TYPE ** (F) FRAME WITH GRATE & HOOD, STD 840, 31, TYPE ** (F) FRAME WITH GRATE & HOOD, STD 840, 31, TYPE ** (F) FRAME WITH GRATE & GUTTER STD840, 37 FOOMM CONCRETE CURB & GUTTER SHOULDER BERM GUTTER	5,000 4 1 1,611 599 532.6 2 95 5 3 9 1 3 12 6 Lump Sum Lump Sum	M3 KG KG M EA EA EA EA LS LS	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOTINGS PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, BREAKAWAY STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, 4.5KG STEEL U-CHANNEL SIGN ERECTION, TYPE D SIGN ERECTION, TYPE D SIGN ERECTION, TYPE F SIGN ERECTION, TYPE *** (OVER-HEAD) (A) SIGN ERECTION, TYPE *** (OVER-HEAD) (B) SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A) SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B) DISPOSAL OF SIGN SYSTEM, STEEL BEAM DISPOSAL OF SIGN SYSTEM, U-CHANNEL DISPOSAL OF SIGN, A OR B (OVERHEAD) GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN MAINTENANCE TRAINING GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS
14 6,382 6,382 243 19 50 24.8 16.2 2.7 7 0.15 328 27 38.04 1 81 20 86 9 8 6 24 31 16 2 2 3 5,200 200 14,700	M M M M M M M M M M M M M M M M M M M	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 100MM SHOULDER DRAIN PIPE 100MM OUTLET PIPE (SHOULDER DRAINS) CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET BLOTTING SAND ENDWALLS REINFORCED ENDWALLS PIPE PLUGS MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES FRAME WITH GRATE, STD 840.22 FRAME WITH TWO GRATES, STD 840.20) FRAME WITH TWO GRATES, STD 840.16 FRAME WITH TWO GRATES, STD 840.22 FRAME WITH TWO GRATES, STD 840.25 FRAME WITH TWO GRATES, STD 840.26 FRAME WITH TWO GRATES, STD 840.27 FRAME WITH TWO GRATES, STD 840.29 FRAME WITH TWO GRATES, STD 840.29 FRAME WITH GRATE & HOOD, STD 840.30, TYPE ** (F) FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F) FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F) FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G) FRAME WITH COVER, STD 840.54 STEEL FRAME WITH TWO GRATES, STD840.37 750MM CONCRETE CURB & GUTTER MODIFIED CONCRETE FLUME CONCRETE EXPRESSWAY GUTTER	5,000 4 1 1,611 599 532.6 2 95 5 3 9 1 3 12 6 Lump Sum Lump Sum	M3 KG KG M EA EA EA EA LS LS	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOTINGS PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, BREAKAWAY STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, 4.5KG STEEL U-CHANNEL SIGN ERECTION, TYPE D SIGN ERECTION, TYPE D SIGN ERECTION, TYPE F SIGN ERECTION, TYPE *** (OVER-HEAD) (A) SIGN ERECTION, TYPE *** (OVER-HEAD) (B) SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A) SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B) DISPOSAL OF SIGN SYSTEM, STEEL BEAM DISPOSAL OF SIGN SYSTEM, U-CHANNEL DISPOSAL OF SIGN, A OR B (OVERHEAD) GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN MAINTENANCE TRAINING GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS
14 6,382 6,382 243 19 50 24.8 16.2 2.7 0.15 328 27 38.04 1 81 20 86 9 86 24 31 16 2 2 5,200 200	M M M M M M M M M M M M M M M M M M M	OUTLET 150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN 100MM SHOULDER DRAIN PIPE 100MM OUTLET PIPE (SHOULDER DRAINS) CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET BLOTTING SAND ENDWALLS REINFORCED ENDWALLS PIPE COLLARS PIPE PLUGS MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES FRAME WITH GRATE, STD 840, 22 FRAME WITH TWO GRATES, STD 840, ***** (840, 20) FRAME WITH TWO GRATES, STD 840, 22 FRAME WITH TWO GRATES, STD 840, 22 FRAME WITH TWO GRATES, STD 840, 22 FRAME WITH TWO GRATES, STD 840, 23 FRAME WITH TWO GRATES, STD 840, 24 FRAME WITH TWO GRATES, STD 840, 25 FRAME WITH TWO GRATES, STD 840, 27 FRAME WITH TWO GRATES, STD 840, 37 FRAME WITH GRATE & HOOD, STD 840, 33, TYPE ** (E) FRAME WITH GRATE & HOOD, STD 840, 33, TYPE ** (G) FRAME WITH GRATE & HOOD, STD 840, 33, TYPE ** (G) FRAME WITH GRATE & HOOD, STD 840, 33, TYPE ** (F) FRAME WITH GRATE & HOOD, STD 840, 33, TYPE ** (F) FRAME WITH GRATE & HOOD, STD 840, 33, TYPE ** (F) FRAME WITH GRATE & HOOD, STD 840, 33, TYPE ** (F) FRAME WITH GRATE & HOOD, STD 840, 31, TYPE ** (F) FRAME WITH GRATE & HOOD, STD 840, 31, TYPE ** (F) FRAME WITH GRATE & HOOD, STD 840, 31, TYPE ** (F) FRAME WITH GRATE & GUTTER STD840, 37 FOOMM CONCRETE CURB & GUTTER SHOULDER BERM GUTTER	5,000 4 1 1,611 599 532.6 2 95 5 3 9 1 3 12 6 Lump Sum Lump Sum	M3 KG KG M EA EA EA EA LS LS	SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL REINFORCED CONCRETE SIGN FOOTINGS PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, BREAKAWAY STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, 4.5KG STEEL U-CHANNEL SIGN ERECTION, TYPE D SIGN ERECTION, TYPE D SIGN ERECTION, TYPE F SIGN ERECTION, TYPE *** (OVER-HEAD) (A) SIGN ERECTION, TYPE *** (OVER-HEAD) (B) SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A) SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B) DISPOSAL OF SIGN SYSTEM, STEEL BEAM DISPOSAL OF SIGN SYSTEM, U-CHANNEL DISPOSAL OF SIGN, A OR B (OVERHEAD) GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN MAINTENANCE TRAINING GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS

			Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "H"
			Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "I"
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM	Lump Sum	LS	GENERIC SIGNING ITEM
Lump Sum	LS	OPERATIONAL FIELD TESTS GENERIC SIGNING ITEM	Lump Sum	LS	OVERHEAD SIGN ASSEMBLY "J" GENERIC SIGNING ITEM
Etanp Stan	20	DYNAMIC MESSAGE SIGN SYSTEM "DMS-1"	Lump Sum	LS	OVERHEAD SIGN ASSEMBLY "K" GENERIC SIGNING ITEM
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM	Lump Sum	LS	OVERHEAD SIGN ASSEMBLY "L" GENERIC SIGNING ITEM
Lump Sum	LS	"DMS-2" GENERIC SIGNING ITEM	Lump Sum	LS	OVERHEAD SIGN ASSEMBLY "M" GENERIC SIGNING ITEM
Zump Zum		INTEGRATION INTO EXT DMS SYSTEM	Lump Sum	LS	OVERHEAD SIGN ASSEMBLY "N" GENERIC SIGNING ITEM
Lump Sum	LS	GENERIC SIGNING ITEM LIGHTING SYSTEM FOR PEDESTAL	Lump Sum	LS	OVERHEAD SIGN ASSEMBLY "O" GENERIC SIGNING ITEM
Lump Sum	LS	SIGN ASSEMBLY "L" GENERIC SIGNING ITEM	Lump Sum	LS	OVERHEAD SIGN ASSEMBLY "P" GENERIC SIGNING ITEM
•		LIGHTING SYSTEM WITHOUT WALK- WAY FOR ASSEMBLY "DMS-1",	Lump Sum	LS	OVERHEAD SIGN ASSEMBLY "Q" GENERIC SIGNING ITEM
Lump Sum	LS	SIGN 15 GENERIC SIGNING ITEM	Lump Sum	LS	OVERHEAD SIGN ASSEMBLY "R" GENERIC SIGNING ITEM
		LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "A"	Lump Sum	LS	OVERHEAD SIGN ASSEMBLY "S" GENERIC SIGNING ITEM
Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN	106	M 2	OVERHEAD SIGN ASSEMBLY "T" WORK ZONE SIGNS (STATIONARY)
Lump Sum	LS	ASSEMBLY "B" GENERIC SIGNING ITEM	91 16	M2 M2	WORK ZONE SIGNS (PORTABLE) WORK ZONE SIGNS (BARRICADE
		LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "C"	4	EA	MOUNTED) FLASHING ARROW PANELS, TYPE C
Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN	2	EA EA	CHANGEABLE MESSAGE SIGNS
Lump Sum	LS	ASSEMBLY "D" GENERIC SIGNING ITEM	29 1,800	EA	WARNING FLAG SETS DRUMS
<u>-</u>		LRS LIGHTING FOR OVERHEAD SIGN	100	EA	CONES
Lump Sum	LS	ASSEMBLY "E" GENERIC SIGNING ITEM	146 2,800	M HR	BARRICADES (TYPE III) FLAGGER
		LRS LIGHTING FOR OVERHEAD SIGN	2,800	EA	WARNING LIGHTS (TYPE B)
Lump Sum	LS	ASSEMBLY "F" GENERIC SIGNING ITEM	6	EA	TEMPORARY CRASH CUSHIONS
		LRS LIGHTING FOR OVERHEAD SIGN	3 2	EA EA	RESET TEMPORARY CRASH CUSHIONS TRUCK MOUNTED IMPACT ATTENUA-
Lump Sum	LS	ASSEMBLY "G" GENERIC SIGNING ITEM			TOR (45 MPH)
		LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "H"	4	EA	TRUCK MOUNTED IMPACT ATTENUA- TOR (60 MPH)
Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "I"	2,400 1,000	M M	PORTABLE CONCRETE BARRIER PORTABLE CONCRETE BARRIER
Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN	3,700	M	(DRAINAGE) RESET PORTABLE CONCRETE BAR-
		ASSEMBLY "J"	267	EA	RIER TUBULAR MARKERS (FIXED)
Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN	600	M	REMOVABLE TAPE PAVEMENT MARK- ING LINES (100MM)
Lump Sum	LS	ASSEMBLY "K" GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN	1,110	EA	TEMPORARY RAISED PAVEMENT MARKERS
Lump Sum	LS	ASSEMBLY "M" GENERIC SIGNING ITEM	23,200	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)
Lump Sum	Lo	LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "N"	13,017	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)
Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN	850	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM)
Lump Sum	LS	ASSEMBLY "O" GENERIC SIGNING ITEM	510	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM)
-		LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "P"	60	М	THERMOPLASTIC PAVEMENT MARKING LINES (400MM, 3.1MM)
Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN	622	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)
Lump Sum	LS	ASSEMBLY "Q" GENERIC SIGNING ITEM	8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)
		LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "R"	116	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)
Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN	101,623	M	PAINT PAVEMENT MARKING LINES (100MM)
Lump Sum	LS	ASSEMBLY "S" GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN	4,260	M	PAINT PAVEMENT MARKING LINES (150MM)
I uma Sum	LS	ASSEMBLY "T" GENERIC SIGNING ITEM	300	M	PAINT PAVEMENT MARKING LINES (200MM)
Lump Sum	Lo	OVERHEAD DYNAMIC MESSAGE SIGN ASSEMBLY "DMS-1"	580	M	PAINT PAVEMENT MARKING LINES (600MM)
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD DYNAMIC MESSAGE SIGN	59 5,625	EA M	PAINT PAVEMENT MARKING SYMBOL REMOVAL OF PAVEMENT MARKING
		ASSEMBLY "DMS-2"	150	M	LINES (100MM) REMOVAL OF PAVEMENT MARKING
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "A"			LINES (600MM)
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "B"	17,877	M	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "C"	1,270	M	LINES (150MM) GENERIC PAVEMENT MARKING ITEM
Lump Sum	LS	GENERIC SIGNING ITEM			POLYUREA PAVEMENT MARKING LINES (200MM)
Lump Sum	LS	OVERHEAD SIGN ASSEMBLY "D" GENERIC SIGNING ITEM	9	EA	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING
Lump Sum	LS	OVERHEAD SIGN ASSEMBLY "E" GENERIC SIGNING ITEM			SYMBOL
ւսար ծան		OVERHEAD SIGN ASSEMBLY "F"	517	EA	PERMANENT RAISED PAVEMENT MARKERS
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "G"			

1,573	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS
15	EA	2.1M U-CHANNEL POSTS
235	EA	FLEXIBLE DELINEATORS (CRYSTAL)
125	EA	FLEXIBLE DELINEATORS (YELLOW)
10	EA EA	FLEXIBLE DELINEATORS (CRYSTAL & RED) FLEXIBLE DELINEATORS (YELLOW &
15	EA	RED) OBJECT MARKERS (END OF ROAD)
20	EA	30.5M HIGH MOUNT STANDARD
2	EA	PORTABLE DRIVE UNIT
84	M 3	HIGH MOUNT FOUNDATIONS
80	EA	HIGH MOUNT LUMINAIRES ******* (1KW HPS)
132	EA	LIGHT STANDARD, TYPE MTLT ***********************************
169	EA	(13.7M SA 4.6M) LIGHT STANDARD, TYPE MTLT
12	EA	**************************************
12	EA	LIGHT STANDARD, TYPE MTLT **************** (13.7M TWIN ARM 4.6M ON BREAK-
115	EA	AWAY BASE) STANDARD FOUNDATIONS ********
	EA	(TYPE R1) STANDARD FOUNDATIONS *********
29		(TYPE R2)
7	EA	LIGHT STANDARD LUMINAIRES, TYPE RDW 250W HPS
494	EA	LIGHT STANDARD LUMINAIRES, TYPE RDW 400W HPS
20	EA	ELECTRIC SERVICE POLES *** ********
456	M	(9.1M CLASS 4) ELECTRIC SERVICE LATERAL ************************************
2	EA	(3 #1/0 USE) LIGHT CONTROL EQUIPMENT, TYPE RW ***************** (120/240 VOLT)
20	EA	LIGHT CONTROL EQUIPMENT, TYPE RW ************************************
316	M	ELECTRICAL DUCT, TYPE BD, SIZE **** (TS2)
191	M	ELECTRICAL DUCT, TYPE BD, SIZE ****
194	M	(TS3) ELECTRICAL DUCT, TYPE JA, SIZE ***** (TS2)
433	M	ELECTRICAL DUCT, TYPE JA, SIZE **** (TS3)
20	M	ELECTRICAL DUCT, TYPE JA, SIZE **** (TS4)
98	M	**#8 W/G FEEDER CIRCUIT (2)
1,335	M	**#6 W/G FEEDER CIRCUIT (2)
10,980	M	**#4 W/G FEEDER CIRCUIT
1,289	M	(2) **#2 W/G FEEDER CIRCUIT
1,645	M	(2) ***#8 W/G FEEDER CIRCUIT IN SIZE *** CONDUIT
4,992	М	(2, TS1.5) ***#6 W/G FEEDER CIRCUIT IN SIZE *** CONDUIT
7,715	M	(2, TS1.5) ***#4 W/G FEEDER CIRCUIT IN SIZE *** CONDUIT
2,810	M	(2, TS1.5) ***#2 W/G FEEDER CIRCUIT IN SIZE *** CONDUIT
1	EA	(2,TS1.5) ELECTRICAL JUNCTION BOXES ************************************
32	EA	(BR18) ELECTRICAL JUNCTION BOXES ************************************
37	EA	(PC18) UNDERPASS LUMINARIES ******* (TYPE WM 150W HPS)
Lump Sum	LS	UNDERPASS CIRCUITRY AT ******* (STA 136+20)
Lump Sum	LS	UNDERPASS CIRCUITRY AT ******* (STA 43+70 L)
Lump Sum	LS	UNDERPASS CIRCUITRY AT ****** (STA 45+74 L)

Lump Sum	LS	UNDERPASS CIRCUITRY AT ******
Lump Sum	LS	(STA 60+29 L) PORTABLE LIGHTING
10	EA	GENERIC LIGHTING ITEM FOUNDATION COVER
7	EA	GENERIC LIGHTING ITEM REMOVE LIGHT STANDARD
901	MTN	FOUNDATION CONDITIONING MATE- RIAL, UTILITIES CLASS ***********************************
95	MTN	PAVEMENT REPAIR FOR UTILITY WORK
137	M	***MM DI WATER PIPE, CLASS ********* WP
87	M	(400MM, 53, 2.41MPA) 150MM DI WATER PIPE, PC
913	M	2.41MPA 200MM DI WATER PIPE, PC
368	M	2.41MPA 300MM DI WATER PIPE, PC
31	M	2.41MPA 400MM DI WATER PIPE, PC ***MPA
80	M	(2.41MPA) ***MM COPPER WATER PIPE, TYPE
		K (50MM)
91 5,921	M KG	20MM COPPER WATER PIPE, TYPE K DUCTILE IRON WATER PIPE FIT-
1	EA	TINGS, 1.72MPA MIN WP 20MM CORPORATION STOP
1	EA	50MM CORPORATION STOP
2	EA	***MM GATE VALVE & VALVE BOX, ****MPA WP
		(400MM, 1.38MPA)
1	EA	***MM GATE VALVE & VALVE BOX, ****MPA WP (500MM, 1.38MPA)
13	EA	150MM GATE VALVE & VALVE BOX,
4	EA	1.38MPA WP 200MM GATE VALVE & VALVE BOX,
		****MPA WP (1.38MPA)
. 2	EA	300MM GATE VALVE & VALVE BOX, ****MPA WP (1.38MPA)
1	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ****MPA WP
1	EA	(300MM X 150MM, 1.38MPA) *** X ***MM TAPPING SLEEVE,
1	LA	VALVE & VALVE BOX, ****MPA WP (300MM X 200MM, 1.38MPA)
3	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ****MPA WP (300MM X 300MM, 1.38MPA)
1	EA	*** X ***MM TAPPING SADDLE (300MM X 50MM)
. 1	EA	*** X ***MM TAPPING SADDLE (400MM X 20MM)
8	EA	RELOCATE EXISTING WATER METER FIRE HYDRANT, ****MPA WP
9	EA	(1.38MPA)
5 75	EA M	RELOCATE EXISTING FIRE HYDRANT ***MM PVC SEWER PIPE, SDR 35
231	М	(100MM) ***MM DI SEWER PIPE, CLASS ***
1,388	M	(300MM, 53) 200MM DI SEWER PIPE, PC
868	M	2.41MPA 300MM DI SEWER PIPE, PC
896	M.	2.41MPA ***MM DI FORCE MAIN SEWER PIPE
		PC ****MPA (300MM, 2.41MPA)
85	M	***MM DI FORCE MAIN SEWER PIPE PC ****MPA (500MM, 2.41MPA)
2,548	KG	DUCTILE IRON SEWER PIPE FIT- TINGS, 1.72MPA MIN WP
10	EA	SANITARY SEWER CLEAN-OUT
38	EA	****MM DIA PRECAST CONC SEWER MANHOLE 0-1.8M DEPTH (1200MM)
93.3	M	PRECAST CONC MANHOLE WALL, ****MM DIA, OVER 1.8M HT (1200MM)
2	M	SEWER MANHOLE OUTSIDE DROP AS- SEMBLY
28	EA	BREAK DOWN, PLUG, & FILL ABAN- DONED UTILITY MANHOLE
2	EA	BREAK DOWN & REBUILD EXISTING MANHOLE
137	M	600MM STEEL ENCASEMENT PIPE, ****MM THICK, BY BORING &
		JACKING (9.53MM)
14	EA	GENERIC UTILITY ITEM 150MM RESTRAINED RETAINER GLAND, 1.72MPA WP

Page: 18 of 30

			150	М	COMMUNICATIONS CABLE (** TWISTED-PAIR) (3)
20	EA	GENERIC UTILITY ITEM	3,900	M	COMMUNICATIONS CABLE (**FIBER) (14)
		200MM RESTRAINED RETAINER GLAND, 1.72MPA WP	1,200	M	DROP CABLE
1	EA	GENERIC UTILITY ITEM	4 3	EA EA	AERIAL SPLICE ENCLOSURE INTERCONNECT CENTER
60	EA	300MM LINE STOP ASSEMBLY GENERIC UTILITY ITEM	54	EA	DELINEATOR MARKER
50	EA	300MM RESTRAINED RETAINER	. 5	EA	SIGN FOR SIGNALS
22	T7.4	GLAND, 1.72MPA WP	3	EA	SIGNAL CABINET FOUNDATION
22	EA	GENERIC UTILITY ITEM 400MM RESTRAINED RETAINER	3	EA	CONTROLLER WITH CABINET (NEMA TS-1, BASE MOUNTED)
		GLAND, 1.72MPA WP	50	EA	DETECTOR CHANNEL (NEMA TS-1)
85	М	GENERIC UTILITY ITEM 3.66M GRAVEL ACCESS ROAD	2	EA	CENTRAL COMPUTER
60	M	GENERIC UTILITY ITEM	1 6	EA EA	PRINTER GENERIC SIGNAL ITEM
		REMOVE EXISTING SEWER PIPE FROM CULVERT			BASE MOUNT CCTV CABINET
901	MTN	GENERIC UTILITY ITEM	2	EA	GENERIC SIGNAL ITEM BASE MOUNT SPLICE CABINET
6,500	M	#67 BEDDING STONE TEMPORARY SILT FENCE	6	EA	GENERIC SIGNAL ITEM
2,020	MTN	STONE FOR EROSION CONTROL,	1	EA	CCTV ASSEMBLY GENERIC SIGNAL ITEM
		CLASS A	1	EA	CCTV JOYSTICK
23,410	MTN	STONE FOR EROSION CONTROL, CLASS B	6	EA	GENERIC SIGNAL ITEM
11,400	MTN	SEDIMENT CONTROL STONE	6	EA	CCTV METAL POLE GENERIC SIGNAL ITEM
49.5	HA	TEMPORARY MULCHING			COLOR VIDEO MONITOR
5,100 41	KG MTN	SEED FOR TEMPORARY SEEDING FERTILIZER FOR TEMPORARY SEED-	8	EA	GENERIC SIGNAL ITEM EQUIPMENT CABINET FOUNDATION
		ING	1	EA	GENERIC SIGNAL ITEM
2,380	M	TEMPORARY SLOPE DRAINS INLET PROTECTION AT TEMPORARY			FIBER OPTIC DATA TRANSCEIVER (IN CABINET)
135	EA	SLOPE DRAINS	1	EA	GENERIC SIGNAL ITEM
81,240	M3	SILT EXCAVATION			FIBER OPTIC DATA TRANSCEIVER (IN RACK)
4,000	M2	SYNTHETIC ROVING MATTING FOR EROSION CONTROL	6	EA	GENERIC SIGNAL ITEM
2,600 520	M2 M2	PERMANENT SOIL REINFORCEMENT			FIBER OPTIC VIDEO TRANSCEIVER (IN CABINET)
		MAT	6	EA	GENERIC SIGNAL ITEM
2,440	M M	6.4MM HARDWARE CLOTH ***MM TEMPORARY PIPE			FIBER OPTIC VIDEO TRANSCEIVER
80	IVI	(450MM)	3	EA	(IN RACK) GENERIC SIGNAL ITEM
1	EA	***X ***X***MM PERFORATED CS PIPE TEE RISER, 2.01MM THICK			RCU TERMINATION PANEL
		(800MM X 800MM X 800MM)	3	EA	GENERIC SIGNAL ITEM RCU UNIT
350	M3	STILLING BASINS	2,400	M	GENERIC SIGNAL ITEM
149 23.5	HA HA	SEEDING & MULCHING MOWING			MULTI-DUCT (31.75MM)
500	KG	SEED FOR REPAIR SEEDING			
1.75	MTN	FERTILIZER FOR REPAIR SEEDING			CULVERT ITEMS
3,400 203.75	KG MTN	SEED FOR SUPPLEMENTAL SEEDING FERTILIZER TOPDRESSING			COLVERT TIEMS
1.5	HA	SPECIALIZED SEEDING UNDER			
		GUIDERAIL & GUARDRAIL (HARD FESCUE/BLUEGRASS)	Lump Sum	LS	CULVERT EXCAVATION, STA ****** (102+16.500 -L-)
50	M	IMPERVIOUS DIKE	Lump Sum	LS	CULVERT EXCAVATION, STA ******
81	HR	SPECIALIZED HAND MOWING	666.7	MTN	(85+89.214 -I40 EX-) FOUNDATION CONDITIONING MATER-
32 320	EA M3	RESPONSE FOR EROSION CONTROL CULVERT DIVERSION CHANNEL	000.7	141114	IAL, BOX CULVERT
320	HA	REFORESTATION	958	M3	CLASS A CONCRETE (CULVERT)
1.62	HA	STREAMBANK REFORESTATION	87,643	KG	REINFORCING STEEL (CULVERT)
80	EA	GENERIC EROSION CONTROL ITEM ROOTWADS			
1,650	M2	GENERIC EROSION CONTROL ITEM			WALL ITEMS
200	M	COIR FIBER MATTING GENERIC EROSION CONTROL ITEM			
200	IVI	TREE PROTECTION FENCE		* 0	MSE RETAINING WALL, STA *****
1,560	M	SIGNAL CABLE	Lump Sum	LS	(0+05.622 -RPD-)
42	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)	Lump Sum	LS	MSE RETAINING WALL, STA *****
5	EA	VEHICLE SIGNAL HEAD (300MM, 5	Lump Sum	LS	(107+98.00 -L2LT-) MSE RETAINING WALL, STA *****
8	EA	SECTION) LOUVER			(118+64.684 -L-)
595	M	MESSENGER CABLE (9.52MM)	Lump Sum	LS	MSE RETAINING WALL, STA ****** (132+62.302 -L-)
4,500	M	TRACER WIRE	Lump Sum	LS	MSE RETAINING WALL, STA *****
1,445 910	M M	TRENCHING (PAVED) TRENCHING (UNPAVED)	Trans. Com.	LS	(132+96.639 -L-) MSE RETAINING WALL, STA ******
650	M	DIRECTIONAL DRILL OUTER-DUCT	Lump Sum	LS	(136+30.660 -L-LT)
		CONDUIT, 125MM	Lump Sum	LS	MSE RETAINING WALL, STA ******
13,000	M	TRENCH MULTI-DUCT, 31.75MM (** CONDUIT)	Lump Sum	LS	(136+30,660 -L-RT) MSE RETAINING WALL, STA *****
		(4)	•		(14+40.00 -RPAC-)
2,600	M	MULTI-DUCT, 31.75MM IN OUTER- DUCT (** CONDUIT)	Lump Sum	LS	MSE RETAINING WALL, STA ****** (15+10.00 -RPAC-)
		(4)	Lump Sum	LS	MSE RETAINING WALL, STA *****
27 36	EA EA	JUNCTION BOX (STANDARD SIZE) JUNCTION BOX (OVER-SIZED)	T	LS	(4+90.960 -Y28-) MSE RETAINING WALL, STA *****
21	EA	WOOD POLE	Lump Sum	LS	(5+00.810 -Y28-)
34	EA	GUY ASSEMBLY	Lump Sum	LS	MSE RETAINING WALL, STA ****** (83+67.500 - I40WB-)
2.020	EA	50MM RISER WITH WEATHERHEAD INDUCTIVE LOOP SAWCUT			(00 · 01.300 -10 WD-)
2,029 6,530	M M	LEAD-IN CABLE			

6,530 M LEAD-IN CABLE

STRUCTURE ITEMS

		STRUCTURE ITEMS
,		
Lump Sum	LS	TEMPORARY RAILROAD SHORING FOR BENT ***, STATION ************************************
Lump Sum	LS	TEMPORARY RAILROAD SHORING FOR BENT ***, STATION ************************************
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ********** (1,18+86.874 -L SB-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ********** (2,110+26.064 -L NB-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ********* (2,18+08.293 -RP AC-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ********** (2,18+86.874 -L SB-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION *********** (3,18+86.874 -L SB-)
18.2	M M	****MM DIA DRILLED PIERS IN SOIL (1372MM) ****MM DIA DRILLED PIERS NOT
22,752.2	M2	IN SOIL (1372MM) REINFORCED CONCRETE DECK SLAB
21,828.2	M2	GROOVING BRIDGE FLOORS
2,971	M3	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
,		******
Lump Sum	LS	(109+17.439 -L NB-) BRIDGE APPROACH SLABS, STATION ************************************
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************** (110+26.064 -L NB-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ******************(115+44.291 -L NB-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************************************
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************** (120+49.924 -L-RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************ (135+86.839 -L-LT) BRIDGE APPROACH SLABS, STATION
Lump Sum	LS	************** (135+86.839 -L-RT) BRIDGE APPROACH SLABS, STATION
Lump Sum	LS	**************************************
Lump Sum	LS	**************************************
Lump Sum	LS	(20+39.866 -L SB-) BRIDGE APPROACH SLABS, STATION ************************************
Lump Sum	LS	(22+36.639 -L SB-) BRIDGE APPROACH SLABS, STATION
Lump Sum	LS	(25+57.061 -L SB-) BRIDGE APPROACH SLABS, STATION ************************************
207 416	KG	(39+65.118 -I40 EB-) REINFORCING STEEL (BRIDGE)
297,416 8,546	KG KG	SPIRAL COLUMN REINFORCING
6,346	ΛU	STEEL (BRIDGE)
5,484,100	LS	APPROX KG STRUCTURAL STEEL
10,813.7	M	HP310X79 STEEL PILES
1,764	M	HP360X108 STEEL PILES
2,448.967 12,825.4	M M2	CONCRETE BARRIER RAIL 100MM SLOPE PROTECTION
Lump Sum	LS	POT BEARINGS
Lump Sum	LS	ELASTOMERIC BEARINGS
mp buil	23	

Page: 19 of 30

Lump Sum LS EVAZOTE JOINT SEALS
Lump Sum LS EXPANSION JOINT SEALS
Lump Sum LS MODULAR EXPANSION JOINT SEALS

Page: 20 of 30

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L030715 002

CONTRACT ID: C200524

DIV OFFICE GREENSBORO

LENGTH = 3.012 KM

COUNTY : **GUILFORD**

WIDENING, GRADING, DRAINAGE, PAVING & STRUCTURES.

DBE GOAL 10.0% COMPLETION DATE: JUL 01 2007

WESTERN LOOP FROM NORTH OF SR-2147 (WEST FRIENDLY AVE) TO NORTH OF BRYAN BLVD.

		ROADWAY ITEMS	6	EA	***MM PIPE END SECTION (375MM)
			52.8	M	***MM CS PIPE CULVERTS, ****MM THICK
Lump Sum	LS	MOBILIZATION			(300MM, 1.63MM)
Lump Sum	LS	CONSTRUCTION SURVEYING	25.2	M	400MM CS PIPE CULVERTS, 1.63MM
Lump Sum	LS	CLEARING & GRUBBING HEC-			THICK
1.2	на	TARE(S) SUPPLEMENTARY CLEARING & GRUB-	86.4	M	450MM CS PIPE CULVERTS, 1.63MM THICK
		BING	2	EA	***MM CS PIPE ELBOWS, ****MM
1,705,000	M3	UNCLASSIFIED EXCAVATION			THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ************************************	2	EA	(300MM, 1.63MM) ***MM CS PIPE ELBOWS, ****MM THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ************************************	622.8	M	(450MM, 1.63MM) 400MM BIT COAT CS PIPE CUL-
Lump Sum	LS	(16+03 -RPBD-) REINFORCED BRIDGE APPROACH FILL, STATION ************************************	109.2	M	VERTS, TYPE B 1.63MM THICK 450MM BIT COAT CS PIPE CUL- VERTS, TYPE B 1.63MM THICK
		(19+60 -RPBD-)	39.6	M	600MM BIT COAT CS PIPE CUL-
Lump Sum	LS	REINFORCED BRIDGE APPROACH	53.0		VERTS, TYPE B 1.63MM THICK
•		FILL, STATION *********	52.8	M	800MM BIT COAT CS PIPE CUL-
		(19+83 -RPCA-)			VERTS, TYPE B 2.01MM THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION **********	8.4	M	900MM BIT COAT CS PIPE CUL- VERTS, TYPE B 2.01MM THICK
T C	т.с	(22+91 -RPCA-)	13.2	M	1000MM BIT COAT CS PIPE CUL-
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL. STATION ************************************	_		VERTS, TYPE B 2.77MM THICK
		(23+92 -Y6-/-Y7- LEFT)	1	EA	***MM BIT COAT CS PIPE ELBOWS, TYPE B ****MM THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH			(300MM, 1.63MM)
•		FILL, STATION *********	47	EA	400MM BIT COAT CS PIPE ELBOWS,
		(23+92 -Y6-/-Y7- RIGHT)			TYPE B 1.63MM THICK
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ************************************	8	EA	450MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
Lump Sum	LS	(55+18 -L- LEFT) REINFORCED BRIDGE APPROACH	1	EA	600MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK
		FILL, STATION ************************************	3	EA	800MM BIT COAT CS PIPE ELBOWS, TYPE B 2.01MM THICK
21,000	M3	UNDERCUT EXCAVATION	93	M	GENERIC PIPE ITEM
9,637	M3	DRAINAGE DITCH EXCAVATION			300MM POLYMER DRAIN LINE
850	M	BERM DITCH CONSTRUCTION	1,419.8	M	PIPE REMOVAL
10,500	M 2	REMOVAL OF EXISTING ASPHALT PAVEMENT	5,312	M 2	150MM SLOPE PROTECTION
32	HR	PROOF ROLLING	Lump Sum	LS	FINE GRADING
12,450	M3	SELECT GRANULAR MATERIAL	86,155	M 2	LIME TREATED SOIL (SLURRY
6,810	M2	FABRIC FOR SOIL STABILIZATION	0.40	> 6773 T	METHOD)
2,835	M2	TEMPORARY SHORING			LIME FOR LIME TREATED SOIL
815	M3	GENERIC GRADING ITEM	500		STABILIZER AGGREGATE AGGREGATE BASE COURSE
		CONTAMINATED SOILS EXCAVATION	31,965 57,437	M2	***MM SOIL CEMENT BASE
2,800	M2	GENERIC GRADING ITEM ROCK PLATING			(180MM)
2,150	MTN	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS	·	MTN	PORTLAND CEMENT FOR SOIL CE- MENT BASE
36	M	375MM SIDE DRAIN PIPE	388	MTN	AGGREGATE FOR SOIL CEMENT BASE
1,944	M	375MM RC PIPE CULVERTS, CLASS	97,700	L	ASPHALT CURING SEAL
,		Ш	500	MTN	INCIDENTAL STONE BASE
822	M	450MM RC PIPE CULVERTS, CLASS	17,864	M3	SHOULDER BORROW PRIME COAT
1,316.4	M	III 600MM RC PIPE CULVERTS, CLASS	7,700 16,729	L MTN	ASPHALT CONC BASE COURSE, TYPE B25.0B
295.2	M	III 750MM RC PIPE CULVERTS, CLASS	22,679	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C
603.6	M	III 900MM RC PIPE CULVERTS, CLASS	15,641	MTN	ASPHALT CONC INTERMEDIATE
316.8	M	III 1050MM RC PIPE CULVERTS, CLASS	16,078	MTN	COURSE, TYPE 119.0B ASPHALT CONC INTERMEDIATE
42	M	III 1200MM RC PIPE CULVERTS, CLASS	11,811	MTN	COURSE, TYPE 119.0C ASPHALT CONC SURFACE COURSE,
34.8	M	III 1350MM RC PIPE CULVERTS, CLASS	2,126	MTN	TYPE S9.5B ASPHALT CONC SURFACE COURSE,
109.2	М	III 1500MM RC PIPE CULVERTS, CLASS	23,037	MTN	TYPE \$9.5C ASPHALT CONC SURFACE COURSE,
82.8	М	III ****MM RC PIPE CULVERTS, CLASS	3,953	MTN	TYPE \$12.5C ASPHALT BINDER FOR PLANT MIX,
02.0		IV (1050MM)		MTN	GRADE PG 64-22 ASPHALT BINDER FOR PLANT MIX,
106.8	M	****MM RC PIPE CULVERTS, CLASS IV	100		GRADE PG 70-22 ASPHALT PLANT MIX PAVEMENT
	3.5	(1200MM)			REPAIR
121.2	М	****MM RC PIPE CULVERTS, CLASS IV (1650MM)	39,344	M2	***MM PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS) (270MM)
		(10001.111)			(· · · · · · · · · · · · · · · · · · ·

195 MTN PLAIN RIP RAP, CLASS II

			64		PLAIN RIP RAP, CLASS II PLAIN RIP RAP, CLASS A
			1,920	MTN	PLAIN RIP RAP, CLASS B
Lump Sum	LS	SURFACE TESTING CONCRETE PAVE-	10,960	M2	FILTER FABRIC FOR DRAINAGE
T C	1.0	MENT	119	M 2	GENERIC WALL ITEM PILE / PANEL RETAINING WALL
Lump Sum	LS	FIELD LABORATORY RENTAL, PORT CEM CONC PAVEMENT	1	M3	REINFORCED CONCRETE SIGN FOOT-
1,656	M3	SUBDRAIN EXCAVATION		3.50	INGS
828	M3	SUBDRAIN FINE AGGREGATE	389	M3 KG	PLAIN CONCRETE SIGN FOOTINGS SUPPORTS, BREAKAWAY STEEL BEAM
2,000	M	150MM PERFORATED SUBDRAIN PIPE	490	KG	SUPPORTS, SIMPLE STEEL BEAM
200	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS	370	M	SUPPORTS, 4.5KG STEEL
14	EA	CONCRETE PAD FOR SUBDRAIN PIPE			U-CHANNEL
••		OUTLET	50	EA EA	SIGN ERECTION, TYPE E SIGN ERECTION, TYPE ***
28 2,961	M M	150MM OUTLET PIPE (SUBDRAINS) SHOULDER DRAIN	,	LA	(GROUND MOUNTED)
2,961	M	100MM SHOULDER DRAIN PIPE			(A)
66	M	100MM OUTLET PIPE (SHOULDER	12	EA	DISPOSAL OF SUPPORT, STEEL BEAM
10	T7.4	DRAINS)	57	EA	DISPOSAL OF SIGN SYSTEM, U-
19	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET	_	-	CHANNEL
10	MTN	BLOTTING SAND	1	EA	GENERIC SIGNING ITEM DMS SYSTEM CLIENT COMPUTER
32.6	M3	ENDWALLS	1	EA	GENERIC SIGNING ITEM
8.6	M3	REINFORCED ENDWALLS			DMS SYSTEM CONTROL SOFTWARE
8 2	M3 M3	PIPE COLLARS PIPE PLUGS	1	EA	GENERIC SIGNING ITEM DMS SYSTEM LAPTOP COMPUTER
197	EA	MASONRY DRAINAGE STRUCTURES	1	EA	GENERIC SIGNING ITEM
3.2	M3	MASONRY DRAINAGE STRUCTURES			DMS SYSTEM SERVER COMPUTER
34.72	M	MASONRY DRAINAGE STRUCTURES	Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN
1	EA	FRAME WITH GRATE, STD 840.**** (840.24)			MAINTENANCE TRAINING
4	EA	FRAME WITH GRATE, STD 840.22	Lump Sum	LS	GENERIC SIGNING ITEM
1	EA	FRAME WITH TWO GRATES, STD			DYNAMIC MESSAGE SIGN BENCH TEST UNIT
		840.***** (840.20)	Lump Sum	LS	GENERIC SIGNING ITEM
5	EA	FRAME WITH TWO GRATES, STD			DYNAMIC MESSAGE SIGN SYSTEM "DMS-1"
		840.16	Lump Sum	LS	GENERIC SIGNING ITEM
152	EA	FRAME WITH TWO GRATES, STD 840.22			DYNAMIC MESSAGE SIGN SYSTEM
14	EA	FRAME WITH TWO GRATES, STD	T.umn Sum	LS	DESIGN APPROVAL TESTS GENERIC SIGNING ITEM
		840.24	Lump Sum	LS	DYNAMIC MESSAGE SIGN SYSTEM
2	EA	FRAME WITH GRATE & HOOD, STD			OPERATIONAL FACTORY TESTS
		840.03, TYPE ** (E)	Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM
8	EA	FRAME WITH GRATE & HOOD, STD			OPERATIONAL FIELD TESTS
		840.03, TYPE ** (F)	Lump Sum	LS	GENERIC SIGNING ITEM
11	EA	FRAME WITH GRATE & HOOD, STD			LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "A"
		840.03, TYPE **	Lump Sum	LS	GENERIC SIGNING ITEM
4	EA	(G) FRAME WITH COVER, STD 840.54			LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "B"
1	EA	STEEL FRAME WITH TWO GRATES,	Lump Sum	LS	GENERIC SIGNING ITEM
		STD840.37	•		LRS LIGHTING FOR OVERHEAD SIGN
123 1,405	M3 M	CONCRETE RETAINING WALLS 750MM CONCRETE CURB & GUTTER	Lump Sum	LS	ASSEMBLY "C" GENERIC SIGNING ITEM
150	M	SHOULDER BERM GUTTER	Sump Sum	20	LRS LIGHTING FOR OVERHEAD SIGN
1	EA	MODIFIED CONCRETE FLUME	Y C	т.с	ASSEMBLY "D"
1,955	M	CONCRETE EXPRESSWAY GUTTER	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN
12	M2	CONCRETE WHEELCHAIR RAMPS			ASSEMBLY "E"
217 480	M2 M	100MM CONCRETE PAVED DITCH PRECAST REINFORCED CONCRETE	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN
100	111	BARRIER, SINGLE FACED			ASSEMBLY "F"
9	EA	ADJUSTMENT OF DROP INLETS	Lump Sum	LS	GENERIC SIGNING ITEM
10	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES			LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "G"
12,900.66	M	STEEL BM GUARDRAIL	Lump Sum	LS	GENERIC SIGNING ITEM
2	EA	STEEL BM GUARDRAIL TERMINAL			LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "H"
10	T- 4	SECTIONS ADDITIONAL CHARDRAH DOCTO	Lump Sum	LS	GENERIC SIGNING ITEM
10 23	EA EA	ADDITIONAL GUARDRAIL POSTS GUARDRAIL ANCHOR UNITS, TYPE	•		LRS LIGHTING FOR OVERHEAD SIGN
23		CAT-1	Lump Sum	LS	ASSEMBLY "I" GENERIC SIGNING ITEM
26	EA	GUARDRAIL ANCHOR UNITS, TYPE	Lump Sum	Lo	LRS LIGHTING FOR OVERHEAD SIGN
38	EA	III GUARDRAIL ANCHOR UNITS, TYPE			ASSEMBLY "J"
30	1.2/1	350	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN
4	EA	GUARDRAIL ANCHOR UNITS, TYPE			ASSEMBLY "K"
19	EA	M-350 GUARDRAIL ANCHOR UNITS, TYPE	Lump Sum	LS	GENERIC SIGNING ITEM
19	LA	XI (MOD)			OVERHEAD DYNAMIC MESSAGE SIGN ASSEMBLY "DMS-1"
1,262.3	M	REMOVE EXISTING GUARDRAIL	Lump Sum	LS	GENERIC SIGNING ITEM
495.3	M	TEMPORARY STEEL BM GUARDRAIL	I C	т.с.	OVERHEAD SIGN ASSEMBLY "A"
2	EA	GUARDRAIL ANCHOR UNITS, TYPE ******* TEMPORARY	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "B"
		(CAT-1)	Lump Sum	LS	GENERIC SIGNING ITEM
4	EA	GUARDRAIL ANCHOR UNITS, TYPE		T 0	OVERHEAD SIGN ASSEMBLY "C"
7,316	M	350 TEMPORARY CHAIN LINK FENCE, 1200MM	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "D"
,,,,,,		FABRIC	Lump Sum	LS	GENERIC SIGNING ITEM
2,011	EA	METAL LINE POSTS FOR 1200MM	· ·	т С	OVERHEAD SIGN ASSEMBLY "E"
106	EA	CHAIN LINK FENCE METAL TERMINAL POSTS FOR	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "F"
130		1200MM CHAIN LINK FENCE	Lump Sum	LS	GENERIC SIGNING ITEM
1,360	MTN	PLAIN RIP RAP, CLASS I			OVERHEAD SIGN ASSEMBLY "G"

			76	М	***MM DI SEWER PIPE, PC ***MPA
					(400MM, 2.41MPA)
Y C	7.0	CHANGE IC SIGNING FEM	2 6	EA EA	SANITARY SEWER CLEAN-OUT ****MM DIA PRECAST CONC SEWER
Lump Sum	LS	ŒNERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "H"			MANHOLE 0-1.8M DEPTH (1200MM)
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "I"	11.7	M	PRECAST CONC MANHOLE WALL, ****MM DIA, OVER 1.8M HT
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "J"	1	EA	(1200MM) BREAK DOWN, PLUG, & FILL ABAN-
Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "K"			DONED UTILITY MANHOLE
66	M2	WORK ZONE SIGNS (STATIONARY)	8	EA	GENERIC UTILITY ITEM 400MM RESTRAINED RETAINER
93 107	M2 M2	WORK ZONE SIGNS (PORTABLE) WORK ZONE SIGNS (BARRICADE	138	MTN	GLAND, 1.72MPA WP GENERIC UTILITY ITEM
6	EA	MOUNTED) FLASHING ARROW PANELS, TYPE C	1,605	M	#67 BEDDING STONE TEMPORARY SILT FENCE
4 10	EA EA	CHANGEABLE MESSAGE SIGNS WARNING FLAG SETS	1,590	MTN	STONE FOR EROSION CONTROL, CLASS A
512	EA	DRUMS	10,030	MTN	STONE FOR EROSION CONTROL, CLASS B
50 342	EA M	CONES BARRICADES (TYPE III)	6,850	MTN	SEDIMENT CONTROL STONE
1,600	HR	FLAGGER	11 1,400	HA KG	TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING
4 8	EA EA	WARNING LIGHTS (TYPE B) TEMPORARY CRASH CUSHIONS	11.25	MTN	FERTILIZER FOR TEMPORARY SEED- ING
4 2	EA EA	RESET TEMPORARY CRASH CUSHIONS TRUCK MOUNTED IMPACT ATTENUA-	250	M	TEMPORARY SLOPE DRAINS
340	М	TOR (60 MPH) PORTABLE CONCRETE BARRIER	16	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
340	M	PORTABLE CONCRETE BARRIER	46,931 3,025	M3 M2	SILT EXCAVATION SYNTHETIC ROVING
243	EA	(DRAINAGE) TUBULAR MARKERS (FIXED)	1,525 1,450	M2 M	MATTING FOR EROSION CONTROL 6.4MM HARDWARE CLOTH
1,562	M	REMOVABLE TAPE PAVEMENT MARK- ING LINES (100MM)	50	M	***MM TEMPORARY PIPE
1	EA	REMOVABLE TAPE PAVEMENT MARK- ING SYMBOL	830	М3	(450MM) STILLING BASINS
311	EA	TEMPORARY RAISED PAVEMENT MARKERS	33.5 4.5	HA HA	SEEDING & MULCHING MOWING
25,588	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)	100	KG MTN	SEED FOR REPAIR SEEDING
8,647	M	THERMOPLASTIC PAVEMENT MARKING	0.25 925	KG	FERTILIZER FOR REPAIR SEEDING SEED FOR SUPPLEMENTAL SEEDING
3,211	M	LINES (100MM, 3.1MM) THERMOPLASTIC PAVEMENT MARKING	56 1.8	MTN HA	FERTILIZER TOPDRESSING SPECIALIZED SEEDING UNDER
34	M	LINES (200MM, 2.3MM) THERMOPLASTIC PAVEMENT MARKING			GUIDERAIL & GUARDRAIL (HARD FESCUE/BLUEGRASS)
8	EA	LINES (600MM, 3.1MM) THERMOPLASTIC PAVEMENT MARKING	150 96	M HR	IMPERVIOUS DIKE SPECIALIZED HAND MOWING
31	EA	CHARACTER (3.1MM) THERMOPLASTIC PAVEMENT MARKING	28	EA	RESPONSE FOR EROSION CONTROL
1,252	M	SYMBOL (2.3MM) COLD APPLIED PLASTIC PAVEMENT	1,800 3	M3 HA	CULVERT DIVERSION CHANNEL REFORESTATION
4	М	MARKING LINES (100MM) COLD APPLIED PLASTIC PAVEMENT	0.38 215	HA M	STREAMBANK REFORESTATION MESSENGER CABLE (*****MM)
3	EA	MARKING LINES (200MM) COLD APPLIED PLASTIC PAVEMENT	3,000	M	(6MM) TRACER WIRE
39,122	М	MARKING SYMBOL PAINT PAVEMENT MARKING LINES	300	M	DIRECTIONAL DRILL OUTER-DUCT CONDUIT, 125MM
•	M	(100MM) PAINT PAVEMENT MARKING LINES	10,500	M	TRENCH MULTI-DUCT, 31.75MM (** CONDUIT)
10,050		(150MM) PAINT PAVEMENT MARKING LINES	1,200	M	(4) MULTI-DUCT, 31.75MM IN OUTER-
318	M	(200MM)	1,200	141	DUCT (** CONDUIT) (4)
68	M	PAINT PAVEMENT MARKING LINES (600MM)	27	EA	JUNCTION BOX (OVER-SIZED)
39 3,596	EA M	PAINT PAVEMENT MARKING SYMBOL GENERIC PAVEMENT MARKING ITEM	10	EA EA	WOOD POLE GUY ASSEMBLY
		POLYUREA PAVEMENT MARKING LINES (150MM)	6	EA	*****MM RISER WITH ************************************
1,349	EA	PERMANENT RAISED PAVEMENT MARKERS	3,500	M	COMMUNICATIONS CABLE (**FIBER) (144)
73 24	EA EA	FLEXIBLE DELINEATORS (CRYSTAL) FLEXIBLE DELINEATORS (YELLOW)	40	M EA	DROP CABLE AERIAL SPLICE ENCLOSURE
138		FOUNDATION CONDITIONING MATE- RIAL, UTILITIES CLASS ********	2	EA	INTERCONNECT CENTER
5	MTNI	(VI) PAVEMENT REPAIR FOR UTILITY	39 1	EA EA	DELINEATOR MARKER FURNISH FIBER-OPTIC RESTORA-
_		WORK	1	EA	TION KIT FURNISH FIBER-OPTIC POWER ME-
251	M	300MM DI WATER PIPE, PC 2.41MPA	. 1	EA	TER FURNISH OPTICAL LIGHT GENERA-
330	M	400MM DI WATER PIPE, PC ***MPA (2.41MPA)	1	EA	TOR FURNISH FIBER-OPTIC TRANSCEIV-
1,074	KG	DUCTILE IRON WATER PIPE FIT- TINGS, 1.72MPA MIN WP	1	EA	ER NOTEBOOK COMPUTER
1	EA	***MM GATE VALVE & VALVE BOX, ****MPA WP	2		TRAFFIC SIGNAL REMOVAL
3	EA	(400MM, 1.38MPA) 300MM GATE VALVE & VALVE BOX,	3		GENERIC SIGNAL ITEM BASE MOUNT CCTV CABINET
		****MPA WP (1.38MPA)	2		GENERIC SIGNAL ITEM BASE MOUNT SPLICE CABINET
10	M	***MM PVC SEWER PIPE, SDR 35 (100MM)	3		GENERIC SIGNAL ITEM CCTV ASSEMBLY
186	M	***MM DI SEWER PIPE, CLASS *** (200MM, 53)	1	EA	GENERIC SIGNAL ITEM CCTV JOYSTICK
136	M	***MM DI SEWER PIPE, CLASS *** (400MM, 53)	3	EA	GENERIC SIGNAL ITEM CCTV METAL POLE

Page: 23 of 30

				Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION *********** (2,19+61.051 -RPCA-)
1	EA	GENERIC SIGNAL ITEM CCTV TEST MONITOR		Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
3	EA	GENERIC SIGNAL ITEM COLOR VIDEO MONITOR		Lump Sum	LS	(2,19+85.137 -RPBD-) FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
5	EA	GENERIC SIGNAL ITEM EQUIPMENT CABINET FOUNDATION		Lump Sum	LS	(2,22+94.604 -RPCA-) FOUNDATION EXCAVATION FOR BENT
2	EA	GENERIC SIGNAL ITEM FIBER OPTIC DATA TRANSCEIVER				** AT STATION ************************************
1	EA	(IN CABINET) GENERIC SIGNAL ITEM FIBER OPTIC DATA TRANSCEIVER	:	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ********** (2,73+34.540 -L- RT)
3	EA	(IN RACK) GENERIC SIGNAL ITEM	:	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
		FIBER OPTIC VIDEO TRANSCEIVER (IN CABINET)	:	Lump Sum	LS	(2,73+48.544 -L- LT) FOUNDATION EXCAVATION FOR BENT
3	EA	GENERIC SIGNAL ITEM FIBER OPTIC VIDEO TRANSCEIVER (IN RACK)		Lump Sum	LS	** AT STATION ********** (3,22+94.604 -RPCA-) FOUNDATION EXCAVATION FOR BENT
Lump Sum	LS	GENERIC SIGNAL ITEM CCTV CENTRAL SOFTWARE		Sump Sum	20	** AT STATION ************************************
Lump Sum	LS	GENERIC SIGNAL ITEM TRAINING	:	Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ********** (4,67+72.110 -L-)
100	М	GENERIC SIGNAL ITEM MULTI-DUCT (31.75MM)		13,457.7	M2	REINFORCED CONCRETE DECK SLAB
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE		11,794.5	M2	GROOVING BRIDGE FLOORS
p		AT STATION *********		2,717.5	МЗ	CLASS A CONCRETE (BRIDGE)
		(9+83.00-Y2-)	:	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************************************
		CULVERT ITEMS	:	Lump Sum	LS	(16+02.423 -RPBD-) BRIDGE APPROACH SLABS, STATION **************
			_			(19+61.051 -RPCA-)
Lump Sum	LS	CULVERT EXCAVATION, STA ****** (18+27.000-RP CA-)		Lump Sum	LS	BRIDGE APPROACH SLABS, STATION *************** (19+85.137 -RPBD-)
Lump Sum	LS	CULVERT EXCAVATION, STA ****** (25+07.000-RMP CA-)	:	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************************************
Lump Sum	LS	CULVERT EXCAVATION, STA ****** (54+14.714-L-)	:	Lump Sum	LS	(22+94.604 -RPCA-) BRIDGE APPROACH SLABS, STATION
Lump Sum	LS	CULVERT EXCAVATION, STA ****** (59+78.290-L-) CULVERT EXCAVATION, STA ******		Lump Sum	LS	(55+23.974 -L- LT) BRIDGE APPROACH SLABS, STATION
Lump Sum 2,260	LS MTN	(73+42.563-L-) FOUNDATION CONDITIONING MATER-		•		**************************************
4,946.4	М3	IAL, BOX CULVERT CLASS A CONCRETE (CULVERT)		Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ********************(67+72.110 -L-)
362,219 99.3	KG MTN	REINFORCING STEEL (CULVERT) GENERIC CULVERT ITEM	:	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************************************
101.3	M2	CLASS I RIP RAP GENERIC CULVERT ITEM FILTER FABRIC		Lump Sum	LS	(73+34.540 -L- RT) BRIDGE APPROACH SLABS, STATION ************************************
				243,743	KG	(73+48.544 -L- LT) REINFORCING STEEL (BRIDGE)
		WALL ITEMS		7,317	KG	SPIRAL COLUMN REINFORCING
		WALLTENS		2,221,400	LS	STEEL (BRIDGE) APPROX KG STRUCTURAL STEEL
Lump Sum	LS	MSE RETAINING WALL, STA *****		8,357	M	HP310X79 STEEL PILES
Lump Sum	LS	(13+03.000 -RAMPC-) MSE RETAINING WALL, STA *****		330 42	M EA	HP360X108 STEEL PILES STEEL PILE POINTS
	т.с	(17+00 -RPCA-)		159.645	M	THREE BAR METAL RAIL
Lump Sum	LS	MSE RETAINING WALL, STA ***** (17+00 -RPD-)		1,600.775	M	CONCRETE BARRIER RAIL
Lump Sum	LS	MSE RETAINING WALL, STA *****		5,312 Lump Sum	M2 LS	100MM SLOPE PROTECTION POT BEARINGS
		(19+00 -RPD-)		Lump Sum	LS	ELASTOMERIC BEARINGS
				Lump Sum	LS	EVAZOTE JOINT SEALS
				Lump Sum	LS	EXPANSION JOINT SEALS
		STRUCTURE ITEMS	;	Lump Sum	LS	MODULAR EXPANSION JOINT SEALS
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************ (1,16+02.423 -RPBD-)				
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************				
Lump Sum	LS	(1,19+61.051 -RPCA-) FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************				
Lump Sum	LS	(1,19+85.137 -RPBD-) FOUNDATION EXCAVATION FOR BENT				

Lump Sum LS

Lump Sum LS

Page: 24 of 30

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L030715 003

CONTRACT ID: C200734

DIV OFFICE GREENSBORO

LENGTH = 6.921 KM

COUNTY : **GUILFORD**

WIDENING, GRADING, DRAINAGE, PAVING, LIGHTING & STRS.

DBE GOAL 10.0% COMPLETION DATE: JUL 01 2007

GREENSBORO WESTERN LOOP FROM I-40 TO NORTH OF BRYAN BOULEVARD.

		DOADWAY ITEMS	2,190,400	М3	BORROW EXCAVATION
		ROADWAY ITEMS	4	EA	EMBANKMENT SETTLEMENT GAUGES
			62,637	M3	DRAINAGE DITCH EXCAVATION
Lump Sum	LS	MOBILIZATION	850	M	BERM DITCH CONSTRUCTION
Lump Sum	LS	CONSTRUCTION SURVEYING	28,000	M2	REMOVAL OF EXISTING ASPHALT
Lump Sum	LS	CLEARING & GRUBBING HEC- TARE(S)	1,300	M2	PAVEMENT REMOVAL OF EXISTING CONCRETE
2.8	HA	SUPPLEMENTARY CLEARING & GRUB- BING	250	M2	PAVEMENT BREAKING OF EXISTING ASPHALT
4	EA	SEALING ABANDONED WELLS			PAVEMENT
2,042,000	M3	UNCLASSIFIED EXCAVATION	82	HR	PROOF ROLLING
Lump Sum	LS	REINFORCED BRIDGE APPROACH	19,450	M3 M2	SELECT GRANULAR MATERIAL FABRIC FOR SOIL STABILIZATION
		FILL, STATION ************************************	11,810 2,835	M2	TEMPORARY SHORING
Lump Sum	LS	(109+13.980 -LNB-) REINFORCED BRIDGE APPROACH	75	M2	TEMPORARY SHORING - BARRIER
Lump Jum	20	FILL, STATION ************************************	815	мз	SUPPORTED GENERIC GRADING ITEM
Lump Sum	LS	REINFORCED BRIDGE APPROACH	015	1,20	CONTAMINATED SOILS EXCAVATION
•		FILL, STATION ************************************	3,886	M2	GENERIC GRADING ITEM ROCK PLATING
Lump Sum	LS	REINFORCED BRIDGE APPROACH	16,800	MTN	SELECT MATERIAL, CLASS II
		FILL, STATION ************************************	8,850	MTN	SELECT MATERIAL, CLASS III
Lump Sum	LS	(115+44.630 -LNB-) REINFORCED BRIDGE APPROACH	· · · · · · · · · · · · · · · · · · ·	MTN	SELECT MATERIAL, CLASS IV
Lump Sum	113	FILL, STATION ************************************	5,930	MTN	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
Lump Sum	LS	REINFORCED BRIDGE APPROACH	280.8	M	375MM SIDE DRAIN PIPE
		FILL, STATION *********	43.2	M	450MM SIDE DRAIN PIPE
- 0		(120+48.520 -L- NB)	24	M	600MM SIDE DRAIN PIPE
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ************************************	204	M	300MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	(13+33 -Y5-) REINFORCED BRIDGE APPROACH	6,333.2	М	375MM RC PIPE CULVERTS, CLASS III
		FILL, STATION ************************************	2,138.4	M	450MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ************************************	2,778	M	600MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	(135+87.160 -L- SB) REINFORCED BRIDGE APPROACH	914.4	M	750MM RC PIPE CULVERTS, CLASS III
•		FILL, STATION ************************************	829.2	M	900MM RC PIPE CULVERTS, CLASS
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ************************************	687.6	M	1050MM RC PIPE CULVERTS, CLASS
Lump Sum	LS	(18+45.710 -RPAC-) REINFORCED BRIDGE APPROACH	536.4	M	1200MM RC PIPE CULVERTS, CLASS III
		FILL, STATION ************************************	106.8	M	1350MM RC PIPE CULVERTS, CLASS
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ************************************	290.4	M	1500MM RC PIPE CULVERTS, CLASS III
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***********	494.4	M	****MM RC PIPE CULVERTS, CLASS IV
Lump Sum	LS	(19+83 -RPCA-) REINFORCED BRIDGE APPROACH	106.8	M	(1050MM) ****MM RC PIPE CULVERTS, CLASS
Dump Sum	20	FILL, STATION ************************************			IV (1200MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ************************************	80.4	M	****MM RC PIPE CULVERTS, CLASS IV
		(22+41.650 -LSB-)			(1350MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***********	205.2	М	****MM RC PIPE CULVERTS, CLASS IV
		(22+91 -RPCA-)	101.0	14	(1500MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION **********	121.2	M	****MM RC PIPE CULVERTS, CLASS IV
		(23+92 -Y6-/-Y7- LEFT)	100.8	M	(1650MM) ****MM RC PIPE CULVERTS, CLASS
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ************************************	100.8	IVI	IV (450MM)
		(23+92 - Y6-/-Y7- RIGHT)	86.4	M	****MM RC PIPE CULVERTS, CLASS
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ************************************			IV (600MM)
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***********	230.4	M	****MM RC PIPE CULVERTS, CLASS IV
		(39+59.890 -I40EB-)	117.6	M	(750MM) ****MM RC PIPE CULVERTS, CLASS
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION **********	117.0	**1	IV (900MM)
T 0	10	(55+18-L-LEFT)	. 6	EA	***MM PIPE END SECTION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ************************************			(375MM)
		(55+30 -L- RIGHT)	52.8	M	***MM CS PIPE CULVERTS, ****MM THICK
45,500	M3	UNDERCUT EXCAVATION			(300MM, 1.63MM)
1,600	MTN	CLASS IV SUBGRADE STABILIZA- TION			•

			39,344	M2	***MM PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS) (270MM)
25.2	M	400MM CS PIPE CULVERTS, 1.63MM THICK	82,500	M2	***MM PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS)
86.4	M	450MM CS PIPE CULVERTS, 1.63MM THICK	7,850	M2	(280MM) ***MM PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS)
2	EA	***MM CS PIPE ELBOWS, ****MM THICK	Lump Sum	LS	(360MM) SURFACE TESTING CONCRETE PAVE-
2	EA	(300MM, 1.63MM) ***MM CS PIPE ELBOWS, ****MM THICK	450	M2	MENT CONCRETE SHOULDERS ADJACENT TO ***MM PAVEMENT
1,515.6	M	(450MM, 1.63MM) 400MM BIT COAT CS PIPE CUL-	Lump Sum	LS	(280MM) FIELD LABORATORY RENTAL, PORT
285.6	M	VERTS, TYPE B 1.63MM THICK 450MM BIT COAT CS PIPE CUL-	2,506	М3	CEM CONC PAVEMENT SUBDRAIN EXCAVATION
120	M	VERTS, TYPE B 1.63MM THICK 600MM BIT COAT CS PIPE CUL-	1,253 3,000	M3 M	SUBDRAIN FINE AGGREGATE 150MM PERFORATED SUBDRAIN PIPE
93.6	M	VERTS, TYPE B 1.63MM THICK 800MM BIT COAT CS PIPE CUL-	234	EA	150MM SUBDRAIN PIPE WYES, TEES, & ELBOWS
8.4	M	VERTS, TYPE B 2.01MM THICK 900MM BIT COAT CS PIPE CUL-	21	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
13.2	M	VERTS, TYPE B 2.01MM THICK 1000MM BIT COAT CS PIPE CUL-	42	M	150MM OUTLET PIPE (SUBDRAINS)
1	EA	VERTS, TYPE B 2.77MM THICK ***MM BIT COAT CS PIPE ELBOWS,	9,343 9,343	M M	SHOULDER DRAIN 100MM SHOULDER DRAIN PIPE
		TYPE B ****MM THICK (300MM, 1.63MM)	309	M	100MM OUTLET PIPE (SHOULDER DRAINS)
131	EA	400MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK	38	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET
22	EA	450MM BIT COAT CS PIPE ELBOWS, TYPE B 1.63MM THICK	60 57.4	MTN M3	BLOTTING SAND
7	EA	600MM BIT COAT CS PIPE ELBOWS,	24.8	M3	ENDWALLS REINFORCED ENDWALLS
4	EA	TYPE B 1.63MM THICK 800MM BIT COAT CS PIPE ELBOWS,	10.7 2.15	M3 M3	PIPE COLLARS PIPE PLUGS
22.8	М	TYPE B 2.01MM THICK ****MM WELDED STEEL PIPE,	525	EA	MASONRY DRAINAGE STRUCTURES
		****MM THICK, GRADE B, INSTAL- LED BY BORING & JACKING	30.2 72.76	M3 M	MASONRY DRAINAGE STRUCTURES MASONRY DRAINAGE STRUCTURES
15.6	м	(1650MM, 22MM) ****MM WELDED STEEL PIPE,	1	EA	FRAME WITH GRATE, STD 840.**** (840.24)
45.6	M	****MM THICK, GRADE B, INSTAL-	5	EA	FRAME WITH GRATE, STD 840.22
		LED BY BORING & JACKING (600MM, 12.7MM)	82	EA	FRAME WITH TWO GRATES, STD 840.*****
93	M	GENERIC PIPE ITEM 300MM POLYMER DRAIN LINE	. 25	EA	(840.20) FRAME WITH TWO GRATES, STD
4,925.8 5,737	M M2	PIPE REMOVAL 150MM SLOPE PROTECTION	238	EA	840.16 FRAME WITH TWO GRATES, STD
Lump Sum 179,405	LS M2	FINE GRADING LIME TREATED SOIL (SLURRY	23	EA	840.22 FRAME WITH TWO GRATES, STD
		METHOD)	8	EA	840.24 FRAME WITH TWO GRATES, STD
500	MTN	LIME FOR LIME TREATED SOIL STABILIZER AGGREGATE			840.29
96,765 119,637	MTN M2	AGGREGATE BASE COURSE ***MM SOIL CEMENT BASE	8	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
•	MTN	(180MM) PORTLAND CEMENT FOR SOIL CE-	32	EA	(E) FRAME WITH GRATE & HOOD, STD 840.03, TYPE **
1,018	MTN	MENT BASE AGGREGATE FOR SOIL CEMENT BASE	42	EA	(F) FRAME WITH GRATE & HOOD, STD
111,700	L	ASPHALT CURING SEAL	72	LA	840.03, TYPE ** (G)
1,000 7,700	MTN L	INCIDENTAL STONE BASE PRIME COAT	20	EA	FRAME WITH COVER, STD 840.54
1,950	M2	MILLING ASPHALT PAVEMENT, **MM DEPTH	3	EA	STEEL FRAME WITH TWO GRATES, STD840.37
34 829	MTN	(30MM) ASPHALT CONC BASE COURSE, TYPE	123 6,605	M3 M	CONCRETE RETAINING WALLS 750MM CONCRETE CURB & GUTTER
		B25.0B	350	M	SHOULDER BERM GUTTER
		ASPHALT CONC BASE COURSE, TYPE B25.0C	2 6,655	EA M	MODIFIED CONCRETE FLUME CONCRETE EXPRESSWAY GUTTER
35,641	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	3,550	M2 M2	100MM CONCRETE SIDEWALK
20,678	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0C	187 437	M2	CONCRETE WHEELCHAIR RAMPS 100MM CONCRETE PAVED DITCH
9,300	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0D	700	M2	125MM MONOLITHIC CONCRETE IS- LANDS (SURFACE MOUNTED)
1,320	MTN	ASPHALT CONC SURFACE COURSE, TYPE \$9.5A	170	M	CONCRETE BARRIER, TYPE ******* (T2)
36,811	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	2,430	M	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED
5,726	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	1,080	M2	GENERIC PAVING ITEM 100MM CONCRETE COVER
23,037	MTN	ASPHALT CONC SURFACE COURSE, TYPE S12.5C	10,500	M2	GENERIC PAVING ITEM 150MM CONCRETE COVER
5,900	MTN	ASPHALT CONC SURFACE COURSE, TYPE \$12.5D	9 11	EA EA	ADJUSTMENT OF DROP INLETS ADJUSTMENT OF MANHOLES
8,931	MTN	·	51	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
2,078	MTN		3	EA	IMPACT ATTENUATOR UNIT, TYPE 350
325	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 76-22	25,408.89	M	STEEL BM GUARDRAIL
15,725	MTN	PERMEABLE ASPHALT DRAINAGE	2	EA	STEEL BM GUARDRAIL TERMINAL SECTIONS
825	MTN	COURSE, TYPE P-78M ASPHALT PLANT MIX PAVEMENT	10 39	EA EA	ADDITIONAL GUARDRAIL POSTS GUARDRAIL ANCHOR UNITS, TYPE
		REPAIR			CAT-1

Page: 26 of 30

			Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM "DMS-1"
55	EA	GUARDRAIL ANCHOR UNITS, TYPE	Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM
63	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	Lump Sum	LS	"DMS-2" GENERIC SIGNING ITEM INTEGRATION INTO EXT DMS SYS-
4	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350 GUARDRAIL ANCHOR UNITS TYPE	Lump Sum	LS	TEM GENERIC SIGNING ITEM
32	EA	GUARDRAIL ANCHOR UNITS, TYPE XI (MOD)	I C	TC	LIGHTING SYSTEM FOR PEDESTAL SIGN ASSEMBLY "L"
2,287.3 613.41 3	M M EA	REMOVE EXISTING GUARDRAIL TEMPORARY STEEL BM GUARDRAIL GUARDRAIL ANCHOR UNITS, TYPE **********TEMPORARY	Lump Sum	LS	GENERIC SIGNING ITEM LIGHTING SYSTEM WITHOUT WALK- WAY FOR ASSEMBLY "DMS-1", SIGN 15
5	EA	(CAT-1) GUARDRAIL ANCHOR UNITS, TYPE	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "A"
17,216	M	350 TEMPORARY CHAIN LINK FENCE, 1200MM FABRIC	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN
4,721	EA	METAL LINE POSTS FOR 1200MM CHAIN LINK FENCE	Lump Sum	LS	ASSEMBLY "B" GENERIC SIGNING ITEM
236	EA	METAL TERMINAL POSTS FOR 1200MM CHAIN LINK FENCE			LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "C"
2	EA	METAL GATE POSTS FOR ****MM CHAIN LINK FENCE, SINGLE GATE (1200MM)	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "D"
1	EA	SINGLE GATES, ****MM HIGH, ****MM WIDE, ****MM OPENING	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "E"
,		(1200MM, 4500MM, 4500MM) PLAIN RIP RAP, CLASS I PLAIN RIP RAP, CLASS II	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "F"
64	MTN	PLAIN RIP RAP, CLASS A	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN
5,370 24,160	MTN M2	PLAIN RIP RAP, CLASS B FILTER FABRIC FOR DRAINAGE			ASSEMBLY "G"
1,400	М3	GENERIC WALL ITEM SELECT GRANULAR MATERIAL FOR TEMPORARY FABRIC WALL	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "H"
5,000	M2	GENERIC WALL ITEM FABRIC FOR TEMPORARY FABRIC WALL	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "I"
119	M2	GENERIC WALL ITEM PILE / PANEL RETAINING WALL	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "J"
5	M3 M3	REINFORCED CONCRETE SIGN FOOT- INGS PLAIN CONCRETE SIGN FOOTINGS	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN
2,000	KG	SUPPORTS, BREAKAWAY STEEL BEAM	Lump Sum	LS	ASSEMBLY "K" GENERIC SIGNING ITEM
1,089 902.6	KG M	SUPPORTS, SIMPLE STEEL BEAM SUPPORTS, 4.5KG STEEL			LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "M"
2	EA	U-CHANNEL SIGN ERECTION, TYPE D	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN
145 5	EA EA	SIGN ERECTION, TYPE E SIGN ERECTION, TYPE F	Lump Sum	LS	ASSEMBLY "N" GENERIC SIGNING ITEM
5	EA	SIGN ERECTION, TYPE *** (OVER- HEAD)	Lump Sum	LS	LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "O" GENERIC SIGNING ITEM
3	EA	(A) SIGN ERECTION, TYPE *** (OVER-HEAD)	•		LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "P"
16	EA	(B) SIGN ERECTION, TYPE *** (GROUND MOUNTED)	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "Q"
1	EA	(A) SIGN ERECTION, TYPE *** (GROUND MOUNTED)	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "R"
12	EA	(B) DISPOSAL OF SUPPORT, STEEL BEAM	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "S"
3	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	Lump Sum	LS	GENERIC SIGNING ITEM LRS LIGHTING FOR OVERHEAD SIGN ASSEMBLY "T"
69	EA .	DISPOSAL OF SIGN SYSTEM, U- CHANNEL	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD DYNAMIC MESSAGE SIGN
6	EA EA	DISPOSAL OF SIGN, A OR B (OVERHEAD) GENERIC SIGNING ITEM	Lump Sum	LS	ASSEMBLY "DMS-1" GENERIC SIGNING ITEM OVERHEAD DYNAMIC MESSAGE SIGN
1	EA	DMS SYSTEM CLIENT COMPUTER GENERIC SIGNING ITEM	Lump Sum	LS	ASSEMBLY "DMS-2" GENERIC SIGNING ITEM
1	EA	DMS SYSTEM CONTROL SOFTWARE GENERIC SIGNING ITEM	Lump Sum	LS	OVERHEAD SIGN ASSEMBLY "A" GENERIC SIGNING ITEM
1	EA	DMS SYSTEM LAPTOP COMPUTER GENERIC SIGNING ITEM	Lump Sum	LS	OVERHEAD SIGN ASSEMBLY "B" GENERIC SIGNING ITEM
Lump Sum	LS	DMS SYSTEM SERVER COMPUTER GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN BENCH	Lump Sum	LS	OVERHEAD SIGN ASSEMBLY "C" GENERIC SIGNING ITEM OVER HEAD SIGN ASSEMBLY "D"
Lump Sum	LS	TEST UNIT GENERIC SIGNING ITEM	Lump Sum	LS	OVERHEAD SIGN ASSEMBLY "D" GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "E"
I pomo Crus-	LS	DYNAMIC MESSAGE SIGN MAINTE- NANCE TRAINING GENERIC SIGNING ITEM	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "F"
Lump Sum	டல	DYNAMIC MESSAGE SIGN SYSTEM DESIGN APPROVAL TESTS	Lump Sum	LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "G"
Lump Sum	LS	GENERIC SIGNING ITEM DYNAMIC MESSAGE SIGN SYSTEM	Lump Sum	LS LS	GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "H" GENERIC SIGNING ITEM
Lump Sum	LS	OPERATIONAL FACTORY TESTS GENERIC SIGNIFICATION DATA OF SIGNIFICATION OF S	Lump Sum	LS	OVERHEAD SIGN ASSEMBLY "I" GENERIC SIGNING ITEM
		DYNAMIC MESSAGE SIGN SYSTEM OPERATIONAL FIELD TESTS	Lump sum	ьз	OVERHEAD SIGN ASSEMBLY "J"

Lump Sum LS GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "K" GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY TO CHEMEN SIGNING TIEM OVERHEAD SIGN ASSEMBLY TO CHEMEN SIGNING TIEM OVERHEAD SIGN ASSEMBLY "M" GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "M" GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "M" GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "M" OVERHEAD SIGN ASSEMBLY "M" OVERHEAD SIGN ASSEMBLY "M" OVERHEAD SIGN ASSEMBLY "P" GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "F" GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "F" GENERIC SIGNING ITEM OVERHEAD SIGN ASSEMBLY "S" GENERIC SIGNING ITEM OVERHEAD SIGN AS			
Lump Sum I.S. GENERG EIGHN GOVERHEAD SIGN ASSEMBLY TV Lump Sum I.S. GENERG EIGHN GOVERHEAD SIGN ASSEMBLY TW Lump Sum I.S. GENERG EIGHN GOVERHEAD SIGN ASSEMBLY TW Lump Sum I.S. GENERG EIGHNING TIEM Lump Sum I.S. GENERG EIGHNING TIEM OVERHEAD SIGN ASSEMBLY TW Lump Sum I.S. GENERG EIGHNING TIEM OVERHEAD SIGN ASSEMBLY TW Lump Sum I.S. GENERG EIGHNING TIEM OVERHEAD SIGN ASSEMBLY TW Lump Sum I.S. GENERG EIGHNING TIEM OVERHEAD SIGN ASSEMBLY TW Lump Sum I.S. GENERG EIGHNING TIEM OVERHEAD SIGN ASSEMBLY TW Lump Sum I.S. GENERG EIGHNING TIEM OVERHEAD SIGN ASSEMBLY TW Lump Sum I.S. GENERG EIGHNING TIEM OVERHEAD SIGN ASSEMBLY TV Lump Sum I.S. GENERG EIGHNING TIEM OVERHEAD SIGN ASSEMBLY TV LUMP SUM I.S. GENERG EIGHNING TIEM OVERHEAD SIGN ASSEMBLY TY 172 M2 WORK ZONE SIGNS (PORTABLE) 123 M2 WORK ZONE SIGNS (PORTABLE) 124 M2 WORK ZONE SIGNS (PORTABLE) 125 M2 WORK ZONE SIGNS (PORTABLE) 126 M2 WARNING FLAG SETS 2.312 EA DRUMS 150 EA CONES 488 M BARRICADES (TYPE III) 4.400 HR FLAGGER 12 EA WARNING FLAG SETS 2.312 EA DRUMS 7 FA RESET TEMPORARY CRASH CUSHIONS 14 EA TEMPORARY CRASH CUSHIONS 15 EA RESET TEMPORARY CRASH CUSHIONS 16 EA RESET TEMPORARY CRASH CUSHIONS 17 EA RESET TEMPORARY CRASH CUSHIONS 18 A RESET TEMPORARY CRASH FURNING 19 FA TUCK MOUNTED IMPACT ATTENUATOR (64 MPH) 10 EA TEMPORARY CRASH CUSHIONS 10 EA TRUCK MOUNTED IMPACT ATTENUATOR (64 MPH) 11 EA TEMPORARY CRASH CUSHIONS 12 EA TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH) 12 FA TEMPORARY CRASH CUSHIONS 18 THERMOPLASTIC PAVEMENT MARK-ING LINES (100MM) 19 FA THERMOPLASTIC PAVEMENT MARK-ING LINES (100MM) 10 EA TEMPORASTIC PAVEMENT MARK-ING LINES (100MM) 11 EA TEMPORASTIC PAVEMENT MARK-ING LINES (100MM) 12 EA TEMPORASTIC PAVEMENT MARKING LINES (100MM) 14 THERMOPLASTIC PAVEMENT MARKING LINES (100MM) 15 EA THERMOPLASTIC PAVEMENT MARKING LINES (100MM) 16 EA THERMOPLASTIC PAVEMENT MARKING LINES (100MM) 17 EA THERMOPLASTIC PAVEMENT MARKING LINES (100MM) 18 A COLD APPLIED PLASTIC PAVEMENT MARKING LINES (100MM) 19 EA THERMOPLASTI	Lump Sum	7.5	CENERIC SIGNING ITEM
Lump Sum	•		OVERHEAD SIGN ASSEMBLY "K"
Lump Sum	-		OVERHEAD SIGN ASSEMBLY "L"
Lump Sum	Lump Sum	LS	
Lump Sum	Lump Sum	LS	
Lump Sum	Lump Sum	LS	
Lump Sum	Lump Sum	LS	GENERIC SIGNING ITEM
Lump Sum	Lump Sum	LS	GENERIC SIGNING ITEM
Lump Sum	Lump Sum	LS	
Lump Sum	•	1 6	
172	•		OVERHEAD SIGN ASSEMBLY "S"
184 M2 WORK ZONE SIGNS (PORTABLE) 123 M2 WORK ZONE SIGNS (PORTABLE) 104 EA FLASHING ARROW PANIELS, TYPE C 6 EA CHANGEABLE MESSAGE SIGNS 39 EA WARNING FLAG SETS 2,312 EA DRUMS 150 EA CONES 488 M BARRICADES (TYPE III) 4,400 HR FLAGGER 12 EA WARNING LIGHTS (TYPE B) 14 EA TEMPORARY CRASH CUSHIONS 7 EA RESET TEMPORARY CRASH CUSHIONS 7 EA TRUCK MOUNTED IMPACT ATTENUATIOR (45 MPH) 6 EA TRUCK MOUNTED IMPACT ATTENUATIOR (60 MPH) 7,2740 M PORTABLE CONCRETE BARRIER 1,340 M RESET PORTABLE CONCRETE BARRIER 1,340 M PORTABLE CONCRETE BARRIER 1,340 M RESET PORTABLE PAVEMENT MARKING 1,421 EA TEMPORARY RAISED PAVEMENT MARKING 1,141 LINES (100MM, 3.1MM) 1,401 M THERMOPLASTIC PAVEMENT MARKING 1,141 LINES (100MM, 3.1MM) 1,401 M THERMOPLASTIC PAVEMENT MARKING 1,142 M THERMOPLASTIC PAVEMENT MARKING 1,143 M THERMOPLASTIC PAVEMENT MARKING 1,401 M THERMOPLASTIC PAVEMENT MARKING 1,401 M THERMOPLASTIC PAVEMENT MARKING 1,401 M PAINT PAVEMENT MARKING 1,401 M PAINT PAVEMENT MARKING 1,401 M	Lump Sum		OVERHEAD SIGN ASSEMBLY "T"
123 M2 WORK ZONE SIGNS (BARRICADE MOUNTED) 10			· · · · · · · · · · · · · · · · · · ·
10	123	M2	WORK ZONE SIGNS (BARRICADE
39	10	EA	•
150 EA CONES 488 M BARRICADES (TYPE III) 4,400 HR FLAGGER 12 EA WARNING LIGHTS (TYPE B) 14 EA TEMPORARY CRASH CUSHIONS 7 E A RESET TEMPORARY CRASH CUSHIONS 2 EA TRUCK MOUNTED IMPACT ATTENUATOR (45 MPH) 6 EA TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH) 2,740 M PORTABLE CONCRETE BARRIER (DRAINAGE) 3,700 M RESET PORTABLE CONCRETE BARRIER (DRAINAGE) 3,700 M RESET PORTABLE CONCRETE BARRIER (DRAINAGE) 3,700 M RESET PORTABLE CONCRETE BARRIER (DRAINAGE) 1,142 EA TUBULAR MARKERS (FIXED) 2,162 M REMOVABLE TAPE PAVEMENT MARKING LINES (100MM) 1 EA REMOVABLE TAPE PAVEMENT MARKING LINES (100MM, 2.3MM) 21,664 M THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM) 4,061 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM) 510 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM) 60 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM) 61 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM) 61 THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM) 62 THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM) 63 THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM) 64 THERMOPLASTIC PAVEMENT MARKING LINES (400MM, 3.1MM) 65 THERMOPLASTIC PAVEMENT MARKING LINES (400MM, 3.1MM) 66 THERMOPLASTIC PAVEMENT MARKING LINES (400MM, 3.1MM) 67 THERMOPLASTIC PAVEMENT MARKING LINES (400MM, 3.1MM) 68 THERMOPLASTIC PAVEMENT MARKING LINES (400MM, 3.1MM) 69 THERMOPLASTIC PAVEMENT MARKING LINES (400MM) 60 THERMOPLASTIC PAVEMENT MARKING LINES (400MM) 61 THERMOPLASTIC PAVEMENT MARKING LINES (400MM)			
488 M BARRICADES (TYPE III) 4,400 HR FLAGGER 12 EA WARNING LIGHTS (TYPE B) 14 EA TEMPORARY CRASH CUSHIONS 7 EA RESET TEMPORARY CRASH CUSHIONS 2 EA TRUCK MOUNTED IMPACT ATTENUATOR (45 MPH) 6 EA TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH) 2,740 M PORTABLE CONCRETE BARRIER 1,340 M PORTABLE CONCRETE BARRIER (DRAINAGE) 3,700 M RESET PORTABLE CONCRETE BARRIER (DRAINAGE) 3,700 M RESET PORTABLE CONCRETE BARRIER (DRAINAGE) 1,162 M REMOVABLE TAPE PAVEMENT MARKING LINES (100MM) 1 EA REMOVABLE TAPE PAVEMENT MARKING SYMBOL 1,421 EA TEMPORARY RAISED PAVEMENT MARKING LINES (100MM, 2.3MM) 21,664 M THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM) 4,061 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM) 510 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM) 60 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM) 61 THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM) 61 THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM) 61 THERMOPLASTIC PAVEMENT MARKING LINES (400MM, 3.1MM) 61 THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM) 61 THERMOPLASTIC PAVEMENT MARKING LINES (400MM, 3.1MM) 61 COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL (2.3MM) 61 COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL (2.3MM) 61 COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL (2.3MM) 61 COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL MARKING LINES (100MM) 61 COLD APPLIED PLASTIC PAVEMENT MARKING LINES (100MM)	2,312	EA	DRUMS
12 EA WARNING LIGHTS (TYPE B) 14 EA TEMPORARY CRASH CUSHIONS 7 EA RESET TEMPORARY CRASH CUSHIONS 2 EA TRUCK MOUNTED IMPACT ATTENUATOR (45 MPH) 6 EA TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH) 1,340 M PORTABLE CONCRETE BARRIER 10 EA TUBULAR MARKERS (FIXED) 2,162 M REMOVABLE TAPE PAVEMENT MARKING LINES (100MM) 1 EA REMOVABLE TAPE PAVEMENT MARKING LINES (100MM) 1 EA REMOVABLE TAPE PAVEMENT MARKING LINES (100MM, 2.3MM) 21,664 M THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM) 4,061 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM) 510 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM) 60 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM) 61 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM) 656 M THERMOPLASTIC PAVEMENT MARKING LINES (400MM, 3.1MM) 657 M THERMOPLASTIC PAVEMENT MARKING LINES (400MM, 3.1MM) 658 M THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM) 147 EA THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM) 148 EA THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM) 1,252 M COLD APPLED PLASTIC PAVEMENT MARKING SYMBOL (2.3MM) 1,255 M COLD APPLED PLASTIC PAVEMENT MARKING SYMBOL (2.3MM) 1,254 M COLD APPLED PLASTIC PAVEMENT MARKING SYMBOL (2.3MM) 1,255 M COLD APPLED PLASTIC PAVEMENT MARKING SYMBOL (2.3MM) 1,254 M COLD APPLED PLASTIC PAVEMENT MARKING LINES (100MM) 1,255 M PAINT PAVEMENT MARKING LINES (100MM) 1,256 M PAINT PAVEMENT MARKING LINES (100MM) 1,257 M PAINT PAVEMENT MARKING LINES (100MM) 1,258 M PAINT PAVEMENT MARKING LINES (100MM) 1,259 M PAINT PAVEMENT MARKING LINES (100MM) 1,250 M PAINT PAVEMENT MARKING LINES (100MM) 1,251 M PAINT PAVEMENT MARKING LINES (100MM) 1,252 M PAINT PAVEMENT MARKING LINES (100MM) 1,253 M PAINT PAVEMENT MARKING LINES (100MM)			
14 EA TEMPORARY CRASH CUSHIONS 7 EA RESET TEMPORARY CRASH CUSHIONS 2 EA TRUCK MOUNTED IMPACT ATTENUATOR (45 MPH) 6 EA TRUCK MOUNTED IMPACT ATTENUATOR (56 MPH) 2,740 M PORTABLE CONCRETE BARRIER 1,340 M PORTABLE CONCRETE BARRIER (DRAINAGE) 3,700 M RESET PORTABLE CONCRETE BARRIER 510 EA TUBULAR MARKERS (FIXED) 2,162 M REMOVABLE TAPE PAVEMENT MARKING LINES (100MM) 1 EA REMOVABLE TAPE PAVEMENT MARKING SYMBOL 1,421 EA TEMPORARY RAISED PAVEMENT MARKING LINES (100MM, 2.3MM) 21,664 M THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM) 4,061 M THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM) 510 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM) 510 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM) 60 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM) 116 EA THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM) 117 EA THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM) 118 EA THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM) 119 EA THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM) 110 EA THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM) 111 EA THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM) 11252 M COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL (2.3MM) 11,252 M COLD APPLIED PLASTIC PAVEMENT MARKING CHARACTER (3.1MM) 11 EA THERMOPLASTIC PAVEMENT MARKING LINES (100MM) 11 EA THERMOPLASTIC PAVEMENT MARKING LINES (100MM) 11 EA THERMOPLASTIC PAVEMENT MARKING LINES (100MM) 12 EA COLD APPLIED PLASTIC PAVEMENT MARKING LINES (100MM) 13 EA COLD APPLIED PLASTIC PAVEMENT MARKING LINES (100MM) 14 EA THERMOPLASTIC PAVEMENT MARKING LIN			
2 EA TRUCK MOUNTED IMPACT ATTENUATOR (45 MPH) 6 EA TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH) 2,740 M PORTABLE CONCRETE BARRIER 1,340 M PORTABLE CONCRETE BARRIER (DRAINAGE) 3,700 M RESET PORTABLE CONCRETE BARRIER (DRAINAGE) 3,700 M RESET PORTABLE CONCRETE BARRIER (DRAINAGE) 2,162 M REMOVABLE TAPE PAVEMENT MARK-ING LINES (100MM) 1 EA REMOVABLE TAPE PAVEMENT MARK-ING SYMBOL 1,421 EA TEMPORARY RAISED PAVEMENT MARKING SYMBOL 1,421 EA TEMPORARY RAISED PAVEMENT MARKING LINES (100MM, 2.3MM) 21,664 M THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM) 4,061 M THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM) 510 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM) 60 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM) 61 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM) 65 M THERMOPLASTIC PAVEMENT MARKING LINES (400MM, 3.1MM) 66 M THERMOPLASTIC PAVEMENT MARKING LINES (400MM, 3.1MM) 67 M THERMOPLASTIC PAVEMENT MARKING LINES (400MM, 3.1MM) 68 M THERMOPLASTIC PAVEMENT MARKING LINES (400MM, 3.1MM) 69 M THERMOPLASTIC PAVEMENT MARKING LINES (400MM, 3.1MM) 60 M THERMOPLASTIC PAVEMENT MARKING LINES (400MM, 3.1MM) 60 M THERMOPLASTIC PAVEMENT MARKING LINES (400MM) 61 EA THERMOPLASTIC PAVEMENT MARKING LINES (400MM) 62 M COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL (2.3MM) 63 EA COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL (2.3MM) 64 M PAINT PAVEMENT MARKING LINES (100MM) 65 M PAINT PAVEMENT MARKING LINES (100MM) 66 M PAINT PAVEMENT MARKING LINES (100MM) 67 M PAINT PAVEMENT MARKING LINES (100MM) 68 M PAINT PAVEMENT MARKING LINES (200MM) 69 M PAINT PAVEMENT MARKING LINES (200MM) 60 M PAINT PAVEMENT MARKING LINES (200MM)	14		TEMPORARY CRASH CUSHIONS
TOR (45 MPH) 6 EA TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH) 2,740 M PORTABLE CONCRETE BARRIER 1,340 M PORTABLE CONCRETE BARRIER (DRAINAGE) 3,700 M RESET PORTABLE CONCRETE BARRIER 510 EA TUBULAR MARKERS (FIXED) 2,162 M REMOVABLE TAPE PAVEMENT MARK-ING LINES (100MM) 1 EA REMOVABLE TAPE PAVEMENT MARK-ING SYMBOL 1,421 EA TEMPORARY RAISED PAVEMENT MARKING SYMBOL 1,421 EA TEMPORARY RAISED PAVEMENT MARKING LINES (100MM, 2.3MM) 21,664 M THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM) 4,061 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM) 510 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM) 60 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM) 60 M THERMOPLASTIC PAVEMENT MARKING LINES (400MM, 3.1MM) 656 M THERMOPLASTIC PAVEMENT MARKING LINES (400MM, 3.1MM) 16 EA THERMOPLASTIC PAVEMENT MARKING LINES (400MM, 3.1MM) 17 EA THERMOPLASTIC PAVEMENT MARKING LINES (400MM, 3.1MM) 18 A THERMOPLASTIC PAVEMENT MARKING LINES (400MM, 3.1MM) 19 EA THERMOPLASTIC PAVEMENT MARKING LINES (400MM, 3.1MM) 10 EA THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM) 11 EA THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM) 12 A COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL (2.3MM) 10 A M COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL (2.3MM) 10 A M COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL (3.0MM) 11 AND PAINT PAVEMENT MARKING LINES (100MM) 12 B A COLD APPLIED PLASTIC PAVEMENT MARKING LINES (100MM) 14 M PAINT PAVEMENT MARKING LINES (100MM) 14 AND PAINT PAVEMENT MARKING LINES (200MM) 14 AND PAINT PAVEMENT MARKING LINES (200MM) 14 AND PAINT PAVEMENT MARKING LINES (200MM)			
TOR (60 MPH) 2,740 M PORTABLE CONCRETE BARRIER 1,340 M PORTABLE CONCRETE BARRIER (DRAINAGE) 3,700 M RESET PORTABLE CONCRETE BARRIER 510 EA TUBULAR MARKERS (FIXED) 2,162 M REMOVABLE TAPE PAVEMENT MARK- ING LINES (100MM) 1 EA REMOVABLE TAPE PAVEMENT MARK- ING SYMBOL 1,421 EA TEMPORARY RAISED PAVEMENT MARKERS 48,788 M THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM) 21,664 M THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM) 4,061 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM) 510 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM) 60 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM) 61 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM) 62 M THERMOPLASTIC PAVEMENT MARKING LINES (400MM, 3.1MM) 63 M THERMOPLASTIC PAVEMENT MARKING LINES (400MM, 3.1MM) 64 THERMOPLASTIC PAVEMENT MARKING LINES (400MM, 3.1MM) 65 M THERMOPLASTIC PAVEMENT MARKING LINES (400MM, 3.1MM) 66 M THERMOPLASTIC PAVEMENT MARKING LINES (400MM, 3.1MM) 67 DAVEMENT MARKING LINES (400MM, 3.1MM) 68 M THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM) 10 EA THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM) 10 LOLD APPLIED PLASTIC PAVEMENT MARKING LINES (100MM) 11 AND COLD APPLIED PLASTIC PAVEMENT MARKING LINES (100MM) 12 EA COLD APPLIED PLASTIC PAVEMENT MARKING LINES (100MM) 14 M PAINT PAVEMENT MARKING LINES (100MM) 14 AND PAINT PAVEMENT MARKING LINES (100MM)	6		TOR (45 MPH)
1,340 M PORTABLE CONCRETE BARRIER (DRAINAGE) 3,700 M RESET PORTABLE CONCRETE BARRIER RIER 510 EA TUBULAR MARKERS (FIXED) 2,162 M REMOVABLE TAPE PAVEMENT MARKING LINES (100MM) 1 EA REMOVABLE TAPE PAVEMENT MARKING SYMBOL 1,421 EA TEMPORARY RAISED PAVEMENT MARKING SYMBOL 21,664 M THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM) 21,664 M THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM) 4,061 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM) 510 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM) 60 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM) 656 M THERMOPLASTIC PAVEMENT MARKING LINES (400MM, 3.1MM) 16 EA THERMOPLASTIC PAVEMENT MARKING LINES (500MM, 3.1MM) 17 EA THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM) 18 A THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM) 19 A COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL (2.3MM) 10 A COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL (2.3MM) 10 A COLD APPLIED PLASTIC PAVEMENT MARKING LINES (500MM) 11 A PAINT PAVEMENT MARKING LINES (100MM) 12 A PAINT PAVEMENT MARKING LINES (100MM) 14 AND PAINT PAVEMENT MARKING LINES (100MM) 14 AND PAINT PAVEMENT MARKING LINES (100MM) 15 AND PAINT PAVEMENT MARKING LINES (100MM) 16 AND PAINT PAVEMENT MARKING LINES (200MM) 17 AND PAINT PAVEMENT MARKING LINES (100MM) 18 AND PAINT PAVEMENT MARKING LINES (200MM)			TOR (60 MPH)
3,700 M RESET PORTABLE CONCRETE BAR- RIER 510 EA TUBULAR MARKERS (FIXED) 2,162 M REMOVABLE TAPE PAVEMENT MARK- ING LINES (100MM) 1 EA REMOVABLE TAPE PAVEMENT MARK- ING SYMBOL 1,421 EA TEMPORARY RAISED PAVEMENT MARKING LINES (100MM, 2.3MM) 21,664 M THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM) 4,061 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM) 510 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM) 60 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM) 656 M THERMOPLASTIC PAVEMENT MARKING LINES (400MM, 3.1MM) 16 EA THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM) 17 EA THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM) 18 A THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM) 19 A COLD APPLIED PLASTIC PAVEMENT MARKING LINES (100MM) 10 A M COLD APPLIED PLASTIC PAVEMENT MARKING LINES (200MM) 10 A M PAINT PAVEMENT MARKING LINES (100MM) 14,310 M PAINT PAVEMENT MARKING LINES (100MM) 648 M PAINT PAVEMENT MARKING LINES (600MM) 648 M PAINT PAVEMENT MARKING LINES (600MM)			
RIER 510 EA TUBULAR MARKERS (FIXED) 2,162 M REMOVABLE TAPE PAVEMENT MARK- ING LINES (100MM) 1 EA REMOVABLE TAPE PAVEMENT MARK- ING SYMBOL 1,421 EA TEMPORARY RAISED PAVEMENT MARKERS 48,788 M THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM) 21,664 M THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM) 4,061 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM) 510 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM) 60 M THERMOPLASTIC PAVEMENT MARKING LINES (400MM, 3.1MM) 656 M THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM) 16 EA THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM) 17 EA THERMOPLASTIC PAVEMENT MARKING LINES (400MM, 3.1MM) 18 A THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM) 19 A THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM) 10 A THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM) 10 A THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM) 10 A PAINT PAVEMENT MARKING LINES (100MM) 10 A PAINT PAVEMENT MARKING LINES (100MM) 11 A PAINT PAVEMENT MARKING LINES (200MM) 618 M PAINT PAVEMENT MARKING LINES (200MM) 618 M PAINT PAVEMENT MARKING LINES (200MM) 618 M PAINT PAVEMENT MARKING LINES (600MM)	3,700	М	
2,162 M REMOVABLE TAPE PAVEMENT MARK- ING LINES (100MM) 1 EA REMOVABLE TAPE PAVEMENT MARK- ING SYMBOL 1,421 EA TEMPORARY RAISED PAVEMENT MARKERS 48,788 M THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM) 21,664 M THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM) 4,061 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM) 510 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM) 60 M THERMOPLASTIC PAVEMENT MARKING LINES (400MM, 3.1MM) 656 M THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM) 16 EA THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM) 147 EA THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM) 1,252 M COLD APPLIED PLASTIC PAVEMENT MARKING LINES (100MM) 4 M COLD APPLIED PLASTIC PAVEMENT MARKING LINES (100MM) 3 EA COLD APPLIED PLASTIC PAVEMENT MARKING LINES (100MM) 14,310 M PAINT PAVEMENT MARKING LINES (150MM) 618 M PAINT PAVEMENT MARKING LINES (200MM) 648 M PAINT PAVEMENT MARKING LINES (600MM) 648 M PAINT PAVEMENT MARKING LINES (600MM)		FΔ	
1 EA REMOVABLE TAPE PAVEMENT MARK- ING SYMBOL 1,421 EA TEMPORARY RAISED PAVEMENT MARKERS 48,788 M THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM) 21,664 M THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM) 4,061 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM) 510 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM) 60 M THERMOPLASTIC PAVEMENT MARKING LINES (400MM, 3.1MM) 656 M THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM) 16 EA THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM) 17 EA THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM) 1,252 M COLD APPLIED PLASTIC PAVEMENT MARKING LINES (100MM) 4 M COLD APPLIED PLASTIC PAVEMENT MARKING LINES (100MM) 5 EA COLD APPLIED PLASTIC PAVEMENT MARKING LINES (200MM) 14,310 M PAINT PAVEMENT MARKING LINES (100MM) 618 M PAINT PAVEMENT MARKING LINES (200MM) 648 M PAINT PAVEMENT MARKING LINES (600MM)			REMOVABLE TAPE PAVEMENT MARK-
1,421 EA TEMPORARY RAISED PAVEMENT MARKERS 48,788 M THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM) 21,664 M THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM) 4,061 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM) 510 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM) 60 M THERMOPLASTIC PAVEMENT MARKING LINES (400MM, 3.1MM) 656 M THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM) 16 EA THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM) 17 EA THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM) 1,252 M COLD APPLIED PLASTIC PAVEMENT MARKING LINES (100MM) 4 M COLD APPLIED PLASTIC PAVEMENT MARKING LINES (100MM) 4 M COLD APPLIED PLASTIC PAVEMENT MARKING LINES (200MM) 140,745 M PAINT PAVEMENT MARKING LINES (100MM) 14,310 M PAINT PAVEMENT MARKING LINES (150MM) 618 M PAINT PAVEMENT MARKING LINES (200MM) 648 M PAINT PAVEMENT MARKING LINES (600MM)	1	EA	REMOVABLE TAPE PAVEMENT MARK-
48,788 M THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM) 21,664 M THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM) 4,061 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM) 510 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM) 60 M THERMOPLASTIC PAVEMENT MARKING LINES (400MM, 3.1MM) 656 M THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM) 16 EA THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM) 147 EA THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM) 1,252 M COLD APPLIED PLASTIC PAVEMENT MARKING LINES (100MM) 4 M COLD APPLIED PLASTIC PAVEMENT MARKING LINES (100MM) 3 EA COLD APPLIED PLASTIC PAVEMENT MARKING LINES (200MM) 140,745 M PAINT PAVEMENT MARKING LINES (100MM) 14,310 M PAINT PAVEMENT MARKING LINES (150MM) 618 M PAINT PAVEMENT MARKING LINES (200MM) 648 M PAINT PAVEMENT MARKING LINES (600MM)	1,421	EA	TEMPORARY RAISED PAVEMENT
21,664 M THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM) 4,061 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM) 510 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM) 60 M THERMOPLASTIC PAVEMENT MARKING LINES (400MM, 3.1MM) 656 M THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM) 16 EA THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM) 147 EA THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM) 1,252 M COLD APPLIED PLASTIC PAVEMENT MARKING LINES (100MM) 4 M COLD APPLIED PLASTIC PAVEMENT MARKING LINES (200MM) 3 EA COLD APPLIED PLASTIC PAVEMENT MARKING LINES (200MM) 140,745 M PAINT PAVEMENT MARKING LINES (100MM) 14,310 M PAINT PAVEMENT MARKING LINES (150MM) 618 M PAINT PAVEMENT MARKING LINES (200MM) 648 M PAINT PAVEMENT MARKING LINES (600MM)	48,788	M	
LINES (100MM, 3.1MM) 4,061 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 2.3MM) 510 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM) 60 M THERMOPLASTIC PAVEMENT MARKING LINES (400MM, 3.1MM) 656 M THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM) 16 EA THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM) 17 EA THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM) 1,252 M COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL (2.3MM) 4 M COLD APPLIED PLASTIC PAVEMENT MARKING LINES (100MM) 3 EA COLD APPLIED PLASTIC PAVEMENT MARKING LINES (200MM) 140,745 M PAINT PAVEMENT MARKING LINES (100MM) 14,310 M PAINT PAVEMENT MARKING LINES (200MM) 618 M PAINT PAVEMENT MARKING LINES (200MM) 618 M PAINT PAVEMENT MARKING LINES (200MM) 648 M PAINT PAVEMENT MARKING LINES (600MM)	21.664	М	
LINES (200MM, 2.3MM) 510 M THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM) 60 M THERMOPLASTIC PAVEMENT MARKING LINES (400MM, 3.1MM) 656 M THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM) 16 EA THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM) 147 EA THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM) 1,252 M COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL (2.100MM) 4 M COLD APPLIED PLASTIC PAVEMENT MARKING LINES (100MM) 3 EA COLD APPLIED PLASTIC PAVEMENT MARKING LINES (200MM) 140,745 M PAINT PAVEMENT MARKING LINES (100MM) 14,310 M PAINT PAVEMENT MARKING LINES (150MM) 618 M PAINT PAVEMENT MARKING LINES (200MM) 648 M PAINT PAVEMENT MARKING LINES (600MM)	•	м	
LINES (200MM, 3.1MM) 60 M THERMOPLASTIC PAVEMENT MARKING LINES (400MM, 3.1MM) 656 M THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM) 16 EA THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM) 147 EA THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM) 1,252 M COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL (2.3MM) 4 M COLD APPLIED PLASTIC PAVEMENT MARKING LINES (100MM) 3 EA COLD APPLIED PLASTIC PAVEMENT MARKING LINES (200MM) 140,745 M PAINT PAVEMENT MARKING LINES (100MM) 14,310 M PAINT PAVEMENT MARKING LINES (150MM) 618 M PAINT PAVEMENT MARKING LINES (200MM) 648 M PAINT PAVEMENT MARKING LINES (600MM)			LINES (200MM, 2.3MM)
LINES (400MM, 3.1MM) 656 M THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM) 16 EA THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM) 147 EA THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM) 1,252 M COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL (2.3MM) 4 M COLD APPLIED PLASTIC PAVEMENT MARKING LINES (100MM) 3 EA COLD APPLIED PLASTIC PAVEMENT MARKING LINES (200MM) 140,745 M PAINT PAVEMENT MARKING LINES (100MM) 14,310 M PAINT PAVEMENT MARKING LINES (150MM) 618 M PAINT PAVEMENT MARKING LINES (200MM) 648 M PAINT PAVEMENT MARKING LINES (600MM)			LINES (200MM, 3.1MM)
LINES (600MM, 3.1MM) 16 EA THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM) 147 EA THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM) 1,252 M COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL (2.0MM) 4 M COLD APPLIED PLASTIC PAVEMENT MARKING LINES (100MM) 3 EA COLD APPLIED PLASTIC PAVEMENT MARKING LINES (200MM) 140,745 M PAINT PAVEMENT MARKING LINES (100MM) 14,310 M PAINT PAVEMENT MARKING LINES (150MM) 618 M PAINT PAVEMENT MARKING LINES (200MM) 648 M PAINT PAVEMENT MARKING LINES (600MM)			LINES (400MM, 3.1MM)
CHARACTER (3.1MM) 147 EA THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM) 1,252 M COLD APPLIED PLASTIC PAVEMENT MARKING LINES (100MM) 4 M COLD APPLIED PLASTIC PAVEMENT MARKING LINES (200MM) 3 EA COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL 140,745 M PAINT PAVEMENT MARKING LINES (100MM) 14,310 M PAINT PAVEMENT MARKING LINES (150MM) 618 M PAINT PAVEMENT MARKING LINES (200MM) 648 M PAINT PAVEMENT MARKING LINES (600MM)	656	М	
SYMBOL (2.3MM) 1,252 M COLD APPLIED PLASTIC PAVEMENT MARKING LINES (100MM) 4 M COLD APPLIED PLASTIC PAVEMENT MARKING LINES (200MM) 3 EA COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL 140,745 M PAINT PAVEMENT MARKING LINES (100MM) 14,310 M PAINT PAVEMENT MARKING LINES (150MM) 618 M PAINT PAVEMENT MARKING LINES (200MM) 648 M PAINT PAVEMENT MARKING LINES (600MM)	16	EA	
1,252 M COLD APPLIED PLASTIC PAVEMENT MARKING LINES (100MM) 4 M COLD APPLIED PLASTIC PAVEMENT MARKING LINES (200MM) 3 EA COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL 140,745 M PAINT PAVEMENT MARKING LINES (100MM) 14,310 M PAINT PAVEMENT MARKING LINES (150MM) 618 M PAINT PAVEMENT MARKING LINES (200MM) 648 M PAINT PAVEMENT MARKING LINES (600MM)	147	EA	
4 M COLD APPLIED PLASTIC PAVEMENT MARKING LINES (200MM) 3 EA COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL 140,745 M PAINT PAVEMENT MARKING LINES (100MM) 14,310 M PAINT PAVEMENT MARKING LINES (150MM) 618 M PAINT PAVEMENT MARKING LINES (200MM) 648 M PAINT PAVEMENT MARKING LINES (600MM)	1,252	M	
3 EA COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL 140,745 M PAINT PAVEMENT MARKING LINES (100MM) 14,310 M PAINT PAVEMENT MARKING LINES (150MM) 618 M PAINT PAVEMENT MARKING LINES (200MM) 648 M PAINT PAVEMENT MARKING LINES (600MM)	4	M	COLD APPLIED PLASTIC PAVEMENT
140,745 M PAINT PAVEMENT MARKING LINES (100MM) 14,310 M PAINT PAVEMENT MARKING LINES (150MM) 618 M PAINT PAVEMENT MARKING LINES (200MM) 648 M PAINT PAVEMENT MARKING LINES (600MM)	3	EA	COLD APPLIED PLASTIC PAVEMENT
14,310 M PAINT PAVEMENT MARKING LINES (150MM) 618 M PAINT PAVEMENT MARKING LINES (200MM) 648 M PAINT PAVEMENT MARKING LINES (600MM)	140,745	M	PAINT PAVEMENT MARKING LINES
618 M PAINT PAVEMENT MARKING LINES (200MM) 648 M PAINT PAVEMENT MARKING LINES (600MM)	14,310	M	
(200MM) 648 M PAINT PAVEMENT MARKING LINES (600MM)	618	М	
(600MM)			(200MM)
			(600MM)
5,625 M REMOVAL OF PAVEMENT MARKING			REMOVAL OF PAVEMENT MARKING
LINES (100MM) 150 M REMOVAL OF PAVEMENT MARKING	150	M	
LINES (600MM) 21,473 M GENERIC PAVEMENT MARKING ITEM	21.473	M	
POLYUREA PAVEMENT MARKING LINES (150MM)	,		POLYUREA PAVEMENT MARKING
1,270 M GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING	1,270	M	GENERIC PAVEMENT MARKING ITEM
LINES (200MM)			

9	EA	GENERIC PAVEMENT MARKING ITEM POLYUREA PAVEMENT MARKING
1,866	EA	SYMBOL PERMANENT RAISED PAVEMENT
1,573	EA	MARKERS SNOWPLOWABLE RAISED PAVEMENT
15	EA	MARKERS 2.1M U-CHANNEL POSTS
308	EA	FLEXIBLE DELINEATORS (CRYSTAL)
149	EA	FLEXIBLE DELINEATORS (YELLOW)
10	EA	FLEXIBLE DELINEATORS (CRYSTAL & RED)
10	EA	FLEXIBLE DELINEATORS (YELLOW & RED)
15 20	EA EA	OBJECT MARKERS (END OF ROAD) 30.5M HIGH MOUNT STANDARD
2	EA	PORTABLE DRIVE UNIT
84	M3	HIGH MOUNT FOUNDATIONS
80	EA	HIGH MOUNT LUMINAIRES ******** (1KW HPS)
132	EA	LIGHT STANDARD, TYPE MTLT ***********************************
169	EA	(13.7M SA 4.6M) LIGHT STANDARD, TYPE MTLT **********
12	EA	(13.7M TA 4.6M) LIGHT STANDARD, TYPE MTLT

115	EA	AWAY BASE) STANDARD FOUNDATIONS ********
29	ΕA	(TYPE R1) STANDARD FOUNDATIONS ********
		(TYPE R2)
7	EA	LIGHT STANDARD LUMINAIRES, TYPE RDW 250W HPS
494	EA	LIGHT STANDARD LUMINAIRES, TYPE RDW 400W HPS
20	EA	ELECTRIC SERVICE POLES *** ********
456	M	(9.1M CLASS 4) ELECTRIC SERVICE LATERAL ************************************
2	EA	(3 #1/0 USE) LIGHT CONTROL EQUIPMENT, TYPE RW ***************
20	EA	(120/240 VOLT) LIGHT CONTROL EQUIPMENT, TYPE RW ************************************
316	M	(240/480 VOLT) ELECTRICAL DUCT, TYPE BD, SIZE
191	M	(TS2) ELECTRICAL DUCT, TYPE BD, SIZE ****
194	M	(TS3) ELECTRICAL DUCT, TYPE JA, SIZE
433	M	**** (TS2) ELECTRICAL DUCT, TYPE JA, SIZE
20	M	**** (TS3) ELECTRICAL DUCT, TYPE JA, SIZE
20	141	**** (TS4)
98	M	**#8 W/G FEEDER CIRCUIT (2)
1,335	M	**#6 W/G FEEDER CIRCUIT
10,980	M	(2) **#4 W/G FEEDER CIRCUIT
1,289	M	(2) **#2 W/G FEEDER CIRCUIT
1,645	M	(2) ***#8 W/G FEEDER CIRCUIT IN
4.000		SIZE *** CONDUIT (2, TS1.5)
4,992	М	***#6 W/G FEEDER CIRCUIT IN SIZE *** CONDUIT (2, TS1.5)
7,715	M	***#4 W/G FEEDER CIRCUIT IN SIZE *** CONDUIT (2, TS1.5)
2,810	M	***#2 W/G FEEDER CIRCUIT IN SIZE *** CONDUIT (2,TS1.5)
1	EA	ELECTRICAL JUNCTION BOXES ************************************
32	EA	(BR18) ELECTRICAL JUNCTION BOXES ************************************
37	EA	(PC18) UNDERPASS LUMINARIES ******* (TYPE WM 150W HPS)
Lump Sum	LS	UNDERPASS CIRCUITRY AT ******
Lump Sum	LS	(STA 136+20) UNDERPASS CIRCUITRY AT ****** (STA 43+70 L)
		(SER TO LOD)

Page: 28 of 30

			2	M	SEWER MANHOLE OUTSIDE DROP ASSEMBLY
			29	EA	BREAK DOWN, PLUG, & FILL ABAN- DONED UTILITY MANHOLE
Lump Sum	LS	UNDERPASS CIRCUITRY AT ******* (STA 45+74 L)	2	EA	BREAK DOWN & REBUILD EXISTING
Lump Sum	LS	UNDERPASS CIRCUITRY AT ******	137	M	MANHOLE 600MM STEEL ENCASEMENT PIPE,
Lump Sum	LS	(STA 60+29 L) PORTABLE LIGHTING			****MM THICK, BY BORING & JACKING
10	EA	GENERIC LIGHTING ITEM FOUNDATION COVER	14	EA	(9.53MM) GENERIC UTILITY ITEM
7	EA	GENERIC LIGHTING ITEM REMOVE LIGHT STANDARD			150MM RESTRAINED RETAINER GLAND, 1.72MPA WP
1,039	MTN	FOUNDATION CONDITIONING MATE- RIAL, UTILITIES CLASS ********	20	EA	GENERIC UTILITY ITEM 200MM RESTRAINED RETAINER
100	MTN	(VI) PAVEMENT REPAIR FOR UTILITY	1	EA	GLAND, 1.72MPA WP GENERIC UTILITY ITEM
		WORK	50	EA	300MM LINE STOP ASSEMBLY GENERIC UTILITY ITEM
137	М	***MM DI WATER PIPE, CLASS *********** WP (400MM 53 2 41MMA)	30	EA	300MM RESTRAINED RETAINER GLAND, 1.72MPA WP
87	M	(400MM, 53, 2.41MPA) 150MM DI WATER PIPE, PC	30	EA	GENERIC UTILITY ITEM
913	M	2.41MPA 200MM DI WATER PIPE, PC			400MM RESTRAINED RETAINER GLAND, 1.72MPA WP
619	M	2.41MPA 300MM DI WATER PIPE, PC	85	М	GENERIC UTILITY ITEM 3.66M GRAVEL ACCESS ROAD
361	M	2.41MPA 400MM DI WATER PIPE, PC ***MPA	60	M	GENERIC UTILITY ITEM REMOVE EXISTING SEWER PIPE
80	M	(2.41MPA) ***MM COPPER WATER PIPE, TYPE	1,039	MTN	FROM CULVERT GENERIC UTILITY ITEM
00	141	K (50MM)	8,105	M	#67 BEDDING STONE TEMPORARY SILT FENCE
91	M	20MM COPPER WATER PIPE, TYPE K	,	MTN	STONE FOR EROSION CONTROL, CLASS A
6,995	KG	DUCTILE IRON WATER PIPE FIT- TINGS, 1.72MPA MIN WP	33,440	MTN	STONE FOR EROSION CONTROL,
1	EA EA	20MM CORPORATION STOP 50MM CORPORATION STOP	18,250	MTN	CLASS B SEDIMENT CONTROL STONE
3	EA	***MM GATE VALVE & VALVE BOX, ****MPA WP	60.5 6,500	HA KG	TEMPORARY MULCHING SEED FOR TEMPORARY SEEDING
1	EA	(400MM, 1.38MPA) ***MM GATE VALVE & VALVE BOX,	52.25	MTN	FERTILIZER FOR TEMPORARY SEED-ING
1	EA	****MPA WP (500MM, 1.38MPA)	2,630	M	TEMPORARY SLOPE DRAINS
13	EA	150MM GATE VALVE & VALVE BOX,	151	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
4	EA	1.38MPA WP 200MM GATE VALVE & VALVE BOX,	128,171 7,025	M3 M2	SILT EXCAVATION SYNTHETIC ROVING
		****MPA WP (1.38MPA)	4,125	M2	MATTING FOR EROSION CONTROL PERMANENT SOIL REINFORCEMENT
5	EA	300MM GATE VALVE & VALVE BOX, ****MPA WP	520	M2	MAT
1	EA	(1.38MPA) *** X ***MM TAPPING SLEEVE,	3,890 130	M M	6.4MM HARDWARE CLOTH ***MM TEMPORARY PIPE
		VALVE & VALVE BOX, ****MPA WP (300MM X 150MM, 1.38MPA)	1	EA	(450MM) ***X ***X***MM PERFORATED CS
1	EA	*** X ***MM TAPPING SLEEVE, VALVE & VALVE BOX, ****MPA WP			PIPE TEE RISER, 2.01MM THICK (800MM X 800MM X 800MM)
3	EA	(300MM X 200MM, 1.38MPA) *** X ***MM TAPPING SLEEVE,	1,180	M3 HA	STILLING BASINS
3	EA	VALVE & VALVE BOX, ****MPA WP (300MM X 300MM, 1.38MPA)	182.5 28	HA	SEEDING & MULCHING MOWING
1	EA	*** X ***MM TAPPING SADDLE	600	KG MTN	SEED FOR REPAIR SEEDING FERTILIZER FOR REPAIR SEEDING
1	EA	(300MM X 50MM) *** X ***MM TAPPING SADDLE	4,325	KG	SEED FOR SUPPLEMENTAL SEEDING
8	EA	(400MM X 20MM) RELOCATE EXISTING WATER METER	259.75 3.3	MTN HA	FERTILIZER TOPDRESSING SPECIALIZED SEEDING UNDER
9	EA	FIRE HYDRANT, ****MPA WP (1.38MPA)			GUIDERAIL & GUARDRAIL (HARD FESCUE/BLUEGRASS)
5	EA	RELOCATE EXISTING FIRE HYDRANT	200 177	M HR	IMPERVIOUS DIKE SPECIALIZED HAND MOWING
85	M	***MM PVC SEWER PIPE, SDR 35 (100MM)	60	EA	RESPONSE FOR EROSION CONTROL
186	M	***MM DI SEWER PIPE, CLASS *** (200MM, 53)	2,120 6	M3 HA	CULVERT DIVERSION CHANNEL REFORESTATION
231	M	***MM DI SEWER PIPE, CLASS *** (300MM, 53)	2 80	HA EA	STREAMBANK REFORESTATION GENERIC EROSION CONTROL ITEM
136	M	***MM DI SEWER PIPE, CLASS *** (400MM, 53)			ROOTWADS GENERIC EROSION CONTROL ITEM
76	M	***MM DI SEWER PIPE, PC ***MPA	, 1,650	. M2	COIR FIBER MATTING
1,388	M	(400MM, 2.41MPA) 200MM DI SEWER PIPE, PC	200	М	GENERIC EROSION CONTROL ITEM TREE PROTECTION FENCE
868	M	2.41MPA 300MM DI SEWER PIPE, PC	1,560 42	M EA	SIGNAL CABLE VEHICLE SIGNAL HEAD (300MM, 3
896	M	2.41MPA ***MM DI FORCE MAIN SEWER PIPE	5	EA	SECTION) VEHICLE SIGNAL HEAD (300MM, 5
		PC ****MPA (300MM, 2.41MPA)	8	EA	SECTION) LOUVER
85	M	***MM DI FORCE MAIN SEWER PIPE PC ****MPA	215	M	MESSENGER CABLE (****MM) (6MM)
2,548	KG	(500MM, 2.41MPA) DUCTILE IRON SEWER PIPE FIT-	595	M	MESSENGER CABLE (9.52MM)
,		TINGS, 1.72MPA MIN WP	7,500 1,445	M M	TRACER WIRE TRENCHING (PAVED)
12 44	EA EA	SANITARY SEWER CLEAN-OUT ****MM DIA PRECAST CONC SEWER	910	M	TRENCHING (UNPAVED)
		MANHOLE 0-1.8M DEPTH (1200MM)	950	M	DIRECTIONAL DRILL OUTER-DUCT CONDUIT, 125MM
105	M	PRECAST CONC MANHOLE WALL,	23,500	M	TRENCH MULTI-DUCT, 31.75MM (**
		****MM DIA, OVER 1.8M HT (1200MM)			CONDUIT) (4)

				T 0		CHILITER ENGLISHMENT CITA *****
March Marc				Lump Sum	LS	CULVERT EXCAVATION, STA ****** (25+07.000-RMP CA-)
March Marc				Lump Sum	LS	
The content of the	3,800	M		Lump Sum	LS	CULVERT EXCAVATION, STA ******
B. S. CALLANTE NOR (NOME - SIZED)	27		(4)	Lump Sum	LS	
E. WOOD POLE			•		7.0	*
E.			•	Lump Sum	LS	
C. P. SEAT SERIONS TUBINSO 3,004.4 30 C. ASS A CONCRUETT (CLUVERT)				2,926.7	MTN	
March	v	L	(2", HEAT SHRINK TUBING)	5,904.4	M3	
BEAD-IN CABLE				,		
THE FARBLE			LEAD-IN CABLE	99.3	WIII	
1,500 M	150	M	•	101.3	M 2	
(14) (150 M) (140 CAMILINGATIONS CABLE (**FIBER*) (140 CABMALINGATIONS CABLE (**FIBER*) (140 CABMALINGATIONS CABLE (**FIBER*) (140 CABMALINGATIC PNACOSINE (140 C			(3)			
1-240	3,900	M				
1. 1. 1. 1. 1. 1. 1. 1.	3,500	M				WALL ITEMS
S	1,240	M	•			
S	_			Lump Sum	LS	
TION KIT	-			Lump Sum	LS	MSE RETAINING WALL, STA *****
EA	1	EA		Lump Sum	LS	
EA FURNISH OPTICAL LIGHT GENERA- TOR	1	EA	FURNISH FIBER-OPTIC POWER ME-	•		(118+64.684 -L-)
TOK	1	EA		Lump Sum	LS	
Long Sum			TOR	Lump Sum	LS	
1.	1	EA		Lump Sum	LS	MSE RETAINING WALL, STA *****
1				Lump Sum	LS	,
1				-		(136+30.660 -L-LT)
Lump Sum Loop Sum	50	E.4		Lump Sum	LS	
1			•	Lump Sum	LS	
2 E. MER RETAINING WALL, STA **** 6 6 6 6 6 6 6 6 6 6	_			Lump Sum	LS	*
1.00 1.00				Lump Sum	LS	
Facility Control Con	9	EA				(17+00 -RPCA-)
Second S	4	EA		Lump Sum	LS	
2 EA GENERIC SIGNAL ITEM Lump Sum LS MSE RETAINING WALL, STA ***********************************	0	EΛ		Lump Sum	LS	
Part	,	LA		Lump Sum	LS	MSE RETAINING WALL, STA *****
Sample S	2	EA		Lump Sum	LS	
EA	9	EA		•		(5+00.810 -Y28-)
ENDING NOTE	1	EA		Lump Sum	LS	
COLOR VIDEO MONITOR COLOR VIDEO MONITOR COUPMENT CABINET FOUNDATION COUPMENT CABINET COUPMENT COUPMENT CABINET COUPMENT COUPMENT CABINET CO	Q	FA				
EQUIPMENT CABINET FOUNDATION						CONDITION IN THE AMENAG
FIBER OPTIC DATA TRANSCEIVER	13	EA				STRUCTURE ITEMS
CABINET	3	EA				THE TOTAL PARTY OF STREET
FIBER OPTIC DATA TRANSCEIVER			(IN CABINET)	Lump Sum	LS	
CIN RACK	2	EA		Lump Sum	LS	* *
FIBER OPTIC VIDEO TRANSCEIVER (IN CABINET) EACH CINCABINET EACH CINCABIN	0	EΔ		Zump Sum	20	BENT ***, STATION ********
FIGURIAN SCRIPT SIGNAL ITEM FIBER OPTIC VIDEO TRANSCEIVER (NACK) A CROSS SIGNAL ITEM RCU URBNIN ACK) B CREEKE SIGNAL ITEM RCU URBNIN AT STATION ************************************	,	LA	FIBER OPTIC VIDEO TRANSCEIVER	Lump Sum	LS	
FIBER OPTIC VIDEO TRANSCEIVER (IN RACK) A CENERIC SIGNAL ITEM RCU TERMINATION PANEL Lump Sum LS GENERIC SIGNAL ITEM RCU UNIT Lump Sum LS GENERIC SIGNAL ITEM CCTV CENTRAL SOFTWARE Lump Sum LS GENERIC SIGNAL ITEM CTUCTV CENTRAL SOFTWARE Lump Sum LS GENERIC SIGNAL ITEM CTUCTV CENTRAL SOFTWARE Lump Sum LS GENERIC SIGNAL ITEM MULTI-DUCT (31.75MM) Lump Sum LS REMOVAL OF EXISTING STRUCTURE AT STATION ************************************	9	EA				
EA GENERIC SIGNAL ITEM RCU TERMINATION PANEL Lump Sum Sum Sum Sum Sum Sum Sum Sum Sum Sum Sum				Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT
Section Sect	3	EA	GENERIC SIGNAL ITEM			
RCU UNIT	3	EA		Lump Sum	LS	
CCTV CENTRAL SOFTWARE		T 0				(1,120+49.924 -L-RT)
TRAINING	Lump Sum	LS		Lump Sum	LS	** AT STATION ********
2,500 M GENERIC SIGNAL ITEM MULTI-DUCT (31.75MM)	Lump Sum	LS		Lump Sum	LS	
Lump Sum	2,500	M		Sump Sum	25	** AT STATION ********
Lump Sum LS CULVERT EXCAVATION, STA ****** Lump Sum LS FOUNDATION EXCAVATION FOR BENT	Lump Sum	LS		Lump Sum	LS	* * * * * * * * * * * * * * * * * * * *
Lump Sum Ls CULVERT ITEMS Lump Sum Ls FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************	•					
Lump Sum Ls CULVERT ITEMS Lump Sum Ls FOUNDATION EXCAVATION FOR BENT (1,19+85.137 - RPBD-)				Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT
Lump Sum LS CULVERT EXCAVATION, STA ****** Lump Sum LS CULVERT EXCAVATION, STA ****** Lump Sum LS CULVERT EXCAVATION, STA ***** Lump Sum LS CULVERT EXCAVATION, STA ******						
Lump Sum LS CULVERT EXCAVATION, STA ****** (102+16.500 ·L-) Lump Sum (1,19+85.137 -RPBD-) Lump Sum LS CULVERT EXCAVATION, STA ****** (1,22+94.604 -RPCA-)			CULVERT ITEMS	Lump Sum	LS	
Lump Sum LS CULVERT EXCAVATION, STA ****** (102+16.500 -L-) Lump Sum LS CULVERT EXCAVATION, STA ****** (1,22+94.604 -RPCA-)				_		(1,19+85.137 -RPBD-)
Lump Sum LS CULVERT EXCAVATION, STA ****** (1,22+94.004 - RPCA-)	Lump Sum	LS		Lump Sum	LS	** AT STATION ********
(18+27.000-RP CA-)	Lump Sum	LS	CULVERT EXCAVATION, STA ******			(1,22+94.604 -RPCA-)
			(18+27.000-RP CA-)			

Page: 30 of 30

Lump Sum		
	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
Lump Sum	LS	(1,67+72.110 -L-) FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
Lump Sum	LS	(1,73+34.540 -L- RT) FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
Lump Sum	LS	(1,73+48.544-L-LT) FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION **************** (2,18+08.293 -RP AC-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION **************** (2,18+86.874-L SB-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ************************************
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION *********** (2,67+72.110 -L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION *********** (2,73+34.540 -L- RT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ********** (2,73+48.544 -L- LT)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION *********** (3,18+86.874 -L SB-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION *********** (3,22+94.604 -RPCA-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ********** (3,67+72.110 -L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ********** (4,67+72.110 -L-)
18.2	M	****MM DIA DRILLED PIERS IN SOIL
		(1372MM)
14.8	M	****MM DIA DRILLED PIERS NOT IN SOIL (1372MM)
36,209.9	M2	****MM DIA DRILLED PIERS NOT IN SOIL (1372MM) REINFORCED CONCRETE DECK SLAB
36,209.9 33,622.7	M2 M2	****MM DIA DRILLED PIERS NOT IN SOIL (1372MM) REINFORCED CONCRETE DECK SLAB GROOVING BRIDGE FLOORS
36,209.9 33,622.7 5,688.5	M2 M2 M3	****MM DIA DRILLED PIERS NOT IN SOIL (1372MM) REINFORCED CONCRETE DECK SLAB GROOVING BRIDGE FLOORS CLASS A CONCRETE (BRIDGE)
36,209.9 33,622.7 5,688.5 Lump Sum	M2 M2 M3 LS	****MM DIA DRILLED PIERS NOT IN SOIL (1372MM) REINFORCED CONCRETE DECK SLAB GROOVING BRIDGE FLOORS CLASS A CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION ************************************
36,209.9 33,622.7 5,688.5 Lump Sum	M2 M2 M3 LS	****MM DIA DRILLED PIERS NOT IN SOIL (1372MM) REINFORCED CONCRETE DECK SLAB GROOVING BRIDGE FLOORS CLASS A CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION ************************************
36,209.9 33,622.7 5,688.5 Lump Sum Lump Sum	M2 M2 M3 LS	****MM DIA DRILLED PIERS NOT IN SOIL (1372MM) REINFORCED CONCRETE DECK SLAB GROOVING BRIDGE FLOORS CLASS A CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION ************************************
36,209.9 33,622.7 5,688.5 Lump Sum Lump Sum Lump Sum	M2 M2 M3 LS LS	*****MM DIA DRILLED PIERS NOT IN SOIL (1372MM) REINFORCED CONCRETE DECK SLAB GROOVING BRIDGE FLOORS CLASS A CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION ************************************
36,209.9 33,622.7 5,688.5 Lump Sum Lump Sum	M2 M2 M3 LS LS LS	*****MM DIA DRILLED PIERS NOT IN SOIL (1372MM) REINFORCED CONCRETE DECK SLAB GROOVING BRIDGE FLOORS CLASS A CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION ************************************
36,209.9 33,622.7 5,688.5 Lump Sum Lump Sum Lump Sum	M2 M2 M3 LS LS LS	****MM DIA DRILLED PIERS NOT IN SOIL (1372MM) REINFORCED CONCRETE DECK SLAB GROOVING BRIDGE FLOORS CLASS A CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION ************************************
36,209.9 33,622.7 5,688.5 Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum Lump Sum	M2 M2 M3 LS LS LS LS LS	*****MM DIA DRILLED PIERS NOT IN SOIL (1372MM) REINFORCED CONCRETE DECK SLAB GROOVING BRIDGE FLOORS CLASS A CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION ************************************
36,209.9 33,622.7 5,688.5 Lump Sum	M2 M2 M3 LS LS LS LS LS LS LS	*****MM DIA DRILLED PIERS NOT IN SOIL (1372MM) REINFORCED CONCRETE DECK SLAB GROOVING BRIDGE FLOORS CLASS A CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION ************************************
36,209.9 33,622.7 5,688.5 Lump Sum	M2 M2 M3 LS LS LS LS LS LS	*****MM DIA DRILLED PIERS NOT IN SOIL (1372MM) REINFORCED CONCRETE DECK SLAB GROOVING BRIDGE FLOORS CLASS A CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION ************************************
36,209.9 33,622.7 5,688.5 Lump Sum	M2 M2 M3 LS LS LS LS LS LS LS LS	****MM DIA DRILLED PIERS NOT IN SOIL (1372MM) REINFORCED CONCRETE DECK SLAB GROOVING BRIDGE FLOORS CLASS A CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION ************************************
36,209.9 33,622.7 5,688.5 Lump Sum	M2 M2 M3 LS	****MM DIA DRILLED PIERS NOT IN SOIL (1372MM) REINFORCED CONCRETE DECK SLAB GROOVING BRIDGE FLOORS CLASS A CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION ************************************
36,209.9 33,622.7 5,688.5 Lump Sum	M2 M2 M3 LS LS LS LS LS LS LS LS	*****MM DIA DRILLED PIERS NOT IN SOIL (1372MM) REINFORCED CONCRETE DECK SLAB GROOVING BRIDGE FLOORS CLASS A CONCRETE (BRIDGE) BRIDGE APPROACH SLABS, STATION ************************************

Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		(20+39.866 -L SB-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		(22+36.639 -L SB-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		(22+94.604 -RPCA-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		(25+57.061 -L SB-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		(39+65.118 -I40 EB-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ************************************
		(55+23.974 -L- LT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		(55+23.974 -L- RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		(67+72.110 -L-)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		(73+34.540 -L- RT)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION
		(73+48.544 -L- LT)
541,159	KG	REINFORCING STEEL (BRIDGE)
15,863	KG	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
7,705,500	LS	APPROX KG STRUCTURAL STEEL
19,170.7	M	HP310X79 STEEL PILES
2,094	M	HP360X108 STEEL PILES
42	EA	STEEL PILE POINTS
159.645	M	THREE BAR METAL RAIL
4,049.742	M	CONCRETE BARRIER RAIL
18,137.4	M2	100MM SLOPE PROTECTION
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

¥		
•		

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

FIRST CLASS MAIL

INVITATION TO BID FOR JUNE 17, 2003 HIGHWAY LETTING