




STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY  
GOVERNOR

LYNDO TIPPETT  
SECRETARY

January 18, 2005

MEMORANDUM TO: All Prequalified Contractors  
FROM: R. A. Garris, P.E.   
Contract Officer  
RE: OCR Assistance meeting Contract Goals

The North Carolina Department of Transportation implements a Disadvantaged Business Enterprise Program in accordance with U.S. Department of Transportation requirements, and a Minority/Women Business Enterprise Program in accordance with state law. These programs assist disadvantaged, minority, and women-owned business enterprises (D/M/WBE) gain contracting opportunities with NCDOT.

NCDOT's Office of Civil Rights and Business Development (OCR) is charged with administering both the DBE and M/WBE Program, and with assisting NCDOT achieve annual goals for firms certified into the programs. D/M/WBE participation goals are met by the establishment of contract goals on projects let by the Department. Contractors bidding on NCDOT projects are expected to make every reasonable effort in good faith to reach the goals set on each project.

The Office of Civil Rights and Business Development is ready and willing to assist any contractor needing assistance securing D/M/WBE firms to participate as subcontractors on NCDOT projects. Three (3) Business Development Specialists are assigned to assist prime contractors and potential subcontractors connect to achieve contract goals. Contractors are encouraged to contact the Business Development Specialists as part of their good-faith effort to reach the contract goals and to discover potential partners for other projects across the state.

Bennington Corporation formerly provided consulting services to the Office of Civil Rights and assisted with D/M/WBE outreach. This agreement is no longer in affect, therefore, contractors should contact OCR directly for assistance with locating firms to bid as subcontractors. OCR's Business Development Specialists and their respective division responsibilities are listed below:

Specialist Name	Phone Number	Email Address	NCDOT Division
Thomas Burt	(919) 807-0851	Tburt@dot.state.nc.us	1, 2, 3, 4, 6
Lorenzo Jackson	(919) 807-0845	Lzjackson@dot.state.nc.us	5, 7, 11, 13, 14
Nathaniel Sanders, Jr.	(919) 807-0846	Nsanders@dot.state.nc.us	8, 9, 10, 12

If you have any questions about our programs or are not certain which Business Development Specialist to work with, contact Shelton A. Russell at (919) 807-0852 or email [sarussell@dot.state.nc.us](mailto:sarussell@dot.state.nc.us).

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

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

WEBSITE: [WWW.DOH.DOT.STATE.NC.US](http://WWW.DOH.DOT.STATE.NC.US)

LOCATION:  
CENTURY CENTER COMPLEX  
BUILDING B - ENTRANCE B15  
1020 BIRCH RIDGE DRIVE




STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY  
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LYNDO TIPPETT  
SECRETARY

March 22, 2005

MEMORANDUM TO: Prospective Bidders

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

SUBJECT: Erosion and Sediment Control/ Stormwater Certification Training

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

Three (3) levels of certification are planned:

- Level I will target Installers/Inspectors involved with the installation and inspection of temporary and permanent erosion and sediment control/stormwater bid items. Candidates are: contractor's/subcontractor's foreman on an Erosion Control Installation Crew or Seeding and Mulching Crew; and CEI TT's inspecting erosion control/stormwater bid items. Level I certification training classes will begin in 2006 with a goal of having Level I personnel on projects that have erosion control plans beginning in 2007. **No action may be taken on Level I training until early 2006.**
- Level II will target CEI TT's serving as the chief or lead inspector on a project. Also, Level II will target contractor's/subcontractor's site manager for: grading operations; bridge/culvert operations over rivers/streams; and utility operations involving earth disturbance. One Level II site manager for each crew. Level II certification training classes will be held in March 2005 and again in late 2005 with a goal of having certified contractors/subcontractors and CEI TT's on projects that have erosion control plans beginning in 2006. **Early registration encouraged.**

MAILING ADDRESS:  
NC DEPARTMENT OF TRANSPORTATION  
CONTRACTS & PROPOSALS  
1591 MAIL SERVICE CENTER  
RALEIGH NC 27699-1591

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

WEBSITE: [WWW.DOH.DOT.STATE.NC.US](http://WWW.DOH.DOT.STATE.NC.US)

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

Prospective Bidders

March 22, 2005

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

To obtain detailed information regarding the certification program, review locations for Level II classes or registration, please visit the certification website at:

[www.bae.ncsu.edu/workshops/dot/index.html](http://www.bae.ncsu.edu/workshops/dot/index.html)

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

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

TMS

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

ELECTRONIC BIDS FOR THE CONSTRUCTION OF THE FOLLOWING PROJECTS WILL BE PUBLICLY READ IN ROOM 156-A/B, THE PROJECT SERVICES LARGE CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. AT **2:00 PM ON JUNE 21, 2005**. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 2:00 PM.

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

1. AN ORIGINAL PROPERLY EXECUTED NON-COLLUSION AFFIDAVIT AND DEBARMENT CERTIFICATION SHALL BE ON FILE IN THE CONTRACT OFFICE FROM EACH PROSPECTIVE BIDDER PRIOR TO SUBMITTING AN ELECTRONIC BID. FORMS ARE AVAILABLE AT  
[http://www.doh.dot.state.nc.us/preconstruct/highway/dsn\\_srvc/contracts/letting.htm](http://www.doh.dot.state.nc.us/preconstruct/highway/dsn_srvc/contracts/letting.htm)

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

3. UPON RECEIPT OF AWARD LETTER, THE SUCCESSFUL BIDDER SHALL FURNISH A PROPERLY EXECUTED EXECUTION OF CONTRACT, NON-COLLUSION AFFIDAVIT AND DEBARMENT CERTIFICATION, AND EXECUTED PAYMENT AND PERFORMANCE BONDS FOR EACH CONTRACT. AFFIDAVIT FORMS AND BOND FORMS ARE AVAILABLE AS PART OF THE CONTRACT EXECUTION FORMS AT THE FOLLOWING WEBSITE  
[http://www.doh.dot.state.nc.us/preconstruct/highway/dsn\\_srvc/contracts/letting.htm](http://www.doh.dot.state.nc.us/preconstruct/highway/dsn_srvc/contracts/letting.htm)

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

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

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

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

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

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

THE RIGHT IS RESERVED TO REJECT ANY OR ALL BIDS.

**TODAY'S DATE IS MAY 24, 2005.  
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION  
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

## **REVIEW OF PLANS AND PROPOSALS IN DIVISION OFFICE**

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

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

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

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

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

**Bid Letting Number** L050621

<b>RPN</b>	<b>Contract Id</b>	<b>WBS</b>	<b>County</b>	<b>Length</b>	<b>JobType</b>
001	C200965	33326.3.1	PENDER	0.182 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
002	C201434	37664	GRANVILLE	4.800 MI	WIDENING, RESURFACING, SHOULDER CONST & PVMT MARKINGS.
003	C201243	38906.3.1	DAVIDSON, FORSYTH, ROWAN	20.500 MI	GUARDRAIL.
004	C201464	112.1044027	HAYWOOD	0.232 MI	SLIDE REPAIR.

## FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L050621 001

CONTRACT ID : C200965 33326.3.1

DIV OFFICE WILMINGTON

LENGTH = 0.182 MI

COUNTY : PENDER

GRADING, DRAINAGE, PAVING &amp; STRUCTURE.

DBE GOAL 6.0% COMPLETION DATE : MAY 01 2006

BRIDGE OVER SHAKEN CREEK AND APPROACHES ON SR-1520.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	GENERIC MISCELLANEOUS ITEM ROADWAY CONSTRUCTION

## STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (15+64.50-L-)
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (15+64.50-L-)
480	LF	HP12X53 STEEL PILES
720	LF	HP14X73 STEEL PILES
Lump Sum	LS	GALVANIZING STEEL PILES AT STA ***** (15+64.50-L-)
319	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
Lump Sum	LS	CONSTRUCTION OF SUBSTRUCTURE
Lump Sum	LS	CONSTRUCTION OF SUPERSTRUCTURE



## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L050621 002

CONTRACT ID : C201434 37664

DIV OFFICE DURHAM

LENGTH = 4.800 MI

COUNTY : GRANVILLE

WIDENING, RESURFACING, SHOULDER CONST &amp; PVMT MARKINGS.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : NOV 01 2005

3 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	DESCRIPTION
	LS	MOBILIZATION
240	TON	INCIDENTAL STONE BASE
9.6	SMI	SHOULDER CONSTRUCTION
29,521	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1")
1,000	SY	INCIDENTAL MILLING
9,452	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
16,793	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE 119.0B
6,586	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
1,591	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
1,600	TON	PATCHING EXISTING PAVEMENT
75	SY	6" CONCRETE DRIVEWAY
1	EA	ADJUSTMENT OF MANHOLES
7	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
51,649	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
51,489	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (16", 120 MILS)
225	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
29	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
149,215	LF	PAINT PAVEMENT MARKING LINES (4")
100	LF	PAINT PAVEMENT MARKING LINES (16")
225	LF	PAINT PAVEMENT MARKING LINES (24")
4	EA	PAINT PAVEMENT MARKING CHARAC- TER
486	EA	PERMANENT RAISED PAVEMENT MARKERS
9.6	ACR	SEEDING & MULCHING
1,200	LF	INDUCTIVE LOOP SAWCUT

## FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L050621 003

CONTRACT ID : C201243 38906.3.1

DIV OFFICE WINSTON-SALEM

LENGTH = 20.500 MI

COUNTY : DAVIDSON, FORSYTH, ROWAN

GUARDRAIL.

DBE GOAL % COMPLETION DATE : SEE SPECIAL PROVISIONS

US-52 IN FORSYTH AND ROWAN COUNTY, AND NC-49 IN DAVIDSON COUNTY.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
1	EA	IMPACT ATTENUATOR UNIT, TYPE 350
11,000	LF	STEEL BM GUARDRAIL
10	EA	ADDITIONAL GUARDRAIL POSTS
8	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (TYPE III MOD)
87	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
132	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
51	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77
14,000	LF	REMOVE EXISTING GUARDRAIL
1,348	SF	WORK ZONE SIGNS (PORTABLE)
4	EA	FLASHING ARROW PANELS, TYPE C
4	EA	CHANGEABLE MESSAGE SIGNS
500	EA	DRUMS
60	EA	CONES
480	HR	FLAGGER
6	EA	TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH)
18.5	ACR	MOWING
1.5	ACR	SPECIALIZED SEEDING UNDER GUIDERAIL & GUARDRAIL (HARD FESCUE/BUEGRASS)
18.5	HR	SPECIALIZED HAND MOWING

## FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L050621 004

CONTRACT ID : C201464 112.1044027

DIV OFFICE SYLVA

LENGTH = 0.232 MI

COUNTY : HAYWOOD

SLIDE REPAIR.

DBE GOAL 4.0% COMPLETION DATE : JUN 15 2006

I-40 BETWEEN MILEMARKER 1 AND MILEMARKER 5.

## ROADWAY ITEMS

			0.5	TON	FERTILIZER FOR TEMPORARY SEED- ING
			60	CY	SILT EXCAVATION
Lump Sum	LS	MOBILIZATION	5,250	SY	MATTING FOR EROSION CONTROL
Lump Sum	LS	CONSTRUCTION SURVEYING	380	LF	1/4" HARDWARE CLOTH
Lump Sum	LS	GRADING	2	ACR	SEEDING & MULCHING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING	0.5	ACR	MOWING
2,900	SY	GENERIC GRADING ITEM	50	LB	SEED FOR REPAIR SEEDING
		GALVANIZED CHAINLINK MESH	0.25	TON	FERTILIZER FOR REPAIR SEEDING
7,250	SY	GENERIC GRADING ITEM	50	LB	SEED FOR SUPPLEMENTAL SEEDING
		RING NET	1.5	TON	FERTILIZER TOPDRESSING
2,175	TON	GENERIC GRADING ITEM	1	HR	SPECIALIZED HAND MOWING
		RIP RAP MATERIALS, CLASS A	8	EA	RESPONSE FOR EROSION CONTROL
360	LF	GENERIC GRADING ITEM	1	ACR	REFORESTATION
		GROUTED ROCK DOWEL			
16,350	TON	SELECT MATERIAL, CLASS ***** (VII)			
34	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS			
320	LF	24" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK			
2	EA	24" BIT COAT CS PIPE ELBOWS, T YPE B 0.064" THICK			
30	LF	PIPE REMOVAL			
280	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")			
30	SY	INCIDENTAL MILLING			
430	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C			
50	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0D			
100	TON	ASPHALT CONC SURFACE COURSE, TYPE S12.5C			
20	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
10	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22			
500	LF	MILLED RUMBLE STRIPS			
110	SY	GENERIC PAVING ITEM UNREINFORCED CONCRETE			
2	EA	MASONRY DRAINAGE STRUCTURES			
1	LF	MASONRY DRAINAGE STRUCTURES			
1	EA	FRAME WITH COVER, STD 840.54			
2	EA	STEEL FRAME WITH TWO GRATES, STD 840.37			
500	LF	CONCRETE BARRIER, TYPE ***** (STD 854.02 T)			
1	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX WITH MANHOLE COVER			
30	TON	PLAIN RIP RAP, CLASS I			
150	SY	FILTER FABRIC FOR DRAINAGE			
50	CY	GENERIC WALL ITEM GROUT FOR TIEBACK ANCHORS AT WALL AT SLIDE #4			
4,850	SF	GENERIC WALL ITEM PERMANENT ANCHOR TIEBACK WALL AT SLIDE #4			
96	SF	WORK ZONE SIGNS (STATIONARY)			
104	SF	WORK ZONE SIGNS (PORTABLE)			
1	EA	FLASHING ARROW PANELS, TYPE C			
1	EA	CHANGEABLE MESSAGE SIGNS			
45	EA	DRUMS			
1	EA	TEMPORARY CRASH CUSHIONS			
1	EA	TRUCK MOUNTED IMPACT ATTENUA- TOR (60 MPH)			
700	LF	PORTABLE CONCRETE BARRIER			
1,430	LF	RESET PORTABLE CONCRETE BAR- RIER			
1,300	LF	TEMPORARY SILT FENCE			
75	TON	STONE FOR EROSION CONTROL, CLASS A			
40	TON	STONE FOR EROSION CONTROL, CLASS B			
125	TON	SEDIMENT CONTROL STONE			
2.5	ACR	TEMPORARY MULCHING			
100	LB	SEED FOR TEMPORARY SEEDING			