

NOTICE TO CONTRACTORS

CALL ORDER F08
 FEDERAL PROJECT NO. EACSTPD-4-5(103)
 LOCATION: ON N-4, EAST OF LAWRENCE.
 COUNTIES: NUCKOLLS

The Nebraska Department of Roads will receive sealed bids in Room 104 of the Central Office Building at 1500 Hwy. 2 in Lincoln, until 1:30 P.M. on October 10, 2002 At that time the bids will be opened and read for GR CULV SEED BR GDRL BIT

BIDDING PROPOSAL FORMS WILL BE ISSUED AND A CONTRACT AWARDED TO A CONTRACTOR WHO IS QUALIFIED FOR:

BITUMINOUS

Length: 16.64 KILOMETER

START DATE 03/31/03 WORKING DAYS 210

Price Range \$ 3,000,000 to \$ 6,000,000

THIS PROJECT CONTAINS A DBE GOAL OF 10.0 %.

Plans and specifications may be seen beginning September 17, 2002 at the Lincoln Central Office and September 23, 2002 at the District Engineer's Office at GRAND ISLAND

Additional letting information may be found at the Nebraska Department of Roads' Web Site at <http://www.dor.state.ne.us/letting/>

This project is funded under the Federal-Aid Highway Act, all appropriate Federal requirements will apply.

LIST OF PLANS

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2S1-2S5	SUMMARY OF QUANTITIES & DETOUR LOCATION MAP	
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53 - 80	DRAINAGE STRUCTURE CROSS SECTIONS	
81 - 96	SPECIAL PLAN 1	PRESTRESSED CONCRETE GIRDER BRIDGE (NU2000) STA. 48+40.800
97 - 100	SPECIAL PLAN 1C	BEDDING & BACKFILL REQUIREMENTS FOR CONCRETE PIPE, MCCMP, PCCMP, & PLASTIC PIPE
101-102	SPECIAL PLAN 2C	CURB INLET & JUNCTION BOX
103-104	SPECIAL PLAN 3C	AREA INLET WITH GRATE STA. 5+28.60
105	SPECIAL PLAN 4C	CONCRETE FLUME, TYPE I
106-107	SPECIAL PLAN 5C	1500 MM X 2150 MM SINGLE SPAN RC BOX CULVERT STA. 28+00.00
108-110	SPECIAL PLAN 6C	3660 MM X 3660 MM SINGLE SPAN RC BOX CULVERT STA. 40+41.50

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111-113	SPECIAL PLAN 7C	1830 MM X 1830 MM SINGLE SPAN RC BOX CULVERT STA. 60+75.00
114-116	SPECIAL PLAN 8C	3050 MM X 2440 MM SINGLE SPAN RC BOX CULVERT STA. 65+61.00
117-119	SPECIAL PLAN 9C	2740 MM X 2440 MM SINGLE SPAN RC BOX CULVERT STA. 88+54.20
120-122	SPECIAL PLAN 10C	2440 MM X 2130 MM SINGLE SPAN RC BOX CULVERT STA. 91+78.40
123-125	SPECIAL PLAN 11C	3050 MM X 2440 MM SINGLE SPAN RC BOX CULVERT STA. 109+43.40
126-128	SPECIAL PLAN 12C	2440 MM X 2440 MM SINGLE SPAN RC BOX CULVERT STA. 129+60.60
129-131	SPECIAL PLAN 13C	2740 MM X 2740 MM TWIN SPAN RC BOX CULVERT STA. 139+32.10
132-134	SPECIAL PLAN 14C	2130 MM X 2130 MM SINGLE SPAN RC BOX CULVERT STA. 142+12.70
135-137	SPECIAL PLAN 15C	1530 MM X 1530 MM SINGLE SPAN RC BOX CULVERT STA. 158+54.10
138-140	SPECIAL PLAN 16C	2130 MM X 1530 MM SINGLE SPAN RC BOX CULVERT STA. 160+17.90
141-143	SPECIAL PLAN 17C	2130 MM X 2130 MM SINGLE SPAN RC BOX CULVERT STA. 168+93.70
144-150	SPECIAL PLAN 18C	GUARDRAIL PLAN
151-152	SPECIAL PLAN 19C	MAILBOX SUPPORT POST
153	SPECIAL PLAN 20C	MAILBOX TURNOUT
154	SPECIAL PLAN 21C	CURB RAMPS
155	SPECIAL PLAN 22C	SILT FENCE DETAILS
156	SPECIAL PLAN 23C	TEMPORARY SILT CHECKS
157	SPECIAL PLAN 24C	EROSION CHECKS (ALL TYPES) & FABRIC SILT CHECKS
158	SPECIAL PLAN 25C	EROSION CONTROL, TYPES "A" & "AA"
159	SPECIAL PLAN 26C	EROSION CONTROL, TYPE "AAA" (OUTLET TREATMENT)
R1 - R25	RIGHT-OF-WAY SHEETS	
X1 - X247	CROSS SECTIONS	

STANDARD PLANS

M108	SUPERELEVATION PLAN FOR CONCRETE AND BITUMINOUS SURFACING
M301-R1	(3 SHEETS) PAVEMENT DETAILS
M403-R1	(2 SHEETS) BENDS AND BREAKS FOR CONCRETE BOX CULVERTS
M404	CONTROL JOINTS FOR CONCRETE BOX CULVERTS
M410	(2 SHEETS) FLARED END SECTIONS FOR CULVERT PIPES
M425	COLLARS AND ELBOWS FOR CONCRETE PIPES
M428-R1	CONCRETE PLUGS AND FIELD PIPE TAP DETAILS
M501-R1	EROSION CONTROL
M804	PRECAST CONCRETE R.O.W. MARKER
M920	(2 SHEETS) TRAFFIC CONTROL
M921	TRAFFIC CONTROL
M922	TRAFFIC CONTROL DEVICES
M923	TRAFFIC CONTROL--ROAD CLOSURE

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PLANS (NOT INCLUDING CROSS SECTIONS OR STANDARDS)	232 SHEETS	\$46.40
CROSS SECTIONS (SHEETS X1 THRU X247)	247 SHEETS	49.40
STANDARD PLANS	18 SHEETS	3.60

Quantities shown herein are FOR INFORMATION ONLY and should not be used for bidding purposes. The Department reserves the right to change these quantities without notice.

GROUP 1 GRADING

COVER CROP SEEDING		51 ha
TEMPORARY SEEDING		1 ha
EROSION CONTROL, TYPE A		32,978 m2
EROSION CONTROL, TYPE AA		9,021 m2
EROSION CONTROL, TYPE AAA		12,663 m2
EROSION CONTROL, TYPE HV		27,643 m2
EROSION CHECKS, TYPE A		1,428 BALE
EROSION CHECKS, TYPE HV		2,611 BALE
EROSION CHECKS, TYPE ST-A		406 BALE
EROSION CHECKS, TYPE ST-AA		252 BALE
EROSION CHECKS, TYPE ST-AAA		245 BALE
EROSION CHECKS, TYPE AA		371 BALE
EROSION CHECKS, TYPE AAA		525 BALE
FABRIC SILT FENCE-LOW POROSITY		12,624 m
FABRIC SILT FENCE-HIGH POROSITY		450 m
TEMPORARY SILT CHECK		3,774 m
600 mm CULV PIPE 3,4,5		27 m
MOBILIZATION	LUMP	LUMP
LARGE TREE REMOVAL		10 EACH
GENERAL CLEARING AND GRUBBING	LUMP	LUMP
EXCAVATION		413,500 m3
EXCAVATION (ESTABLISHED QUANTITY)		5,899 m3
WATER		7,668 kL
RIGHT-OF-WAY MARKERS		228 EACH
REMOVE ASPHALT SURFACE		1,527 m2
REMOVE DRIVEWAY		1,147 m2
REMOVE WALK		28 m2
REMOVE SLAB		244 m2
600 mm DRIVE PIPE 2,3,4,5,6,7,8		862 m
600 mm DRIVE PIPE, TYPE 3,4 OR 5		12 m
REMOVE GUARDRAIL		408 m

GROUP 4 CULVERT

1350 mm CULV PIPE 5		60 m
1500 mm CULV PIPE 5		52 m
600 mm CULV PIPE 4,5		111 m
750 mm CULV PIPE 4,5		32 m
900 mm CULV PIPE 4,5		174 m
1200 mm CULV PIPE 4,5		110 m
1800 mm CULV PIPE 4,5		74 m
600 mm CULV PIPE 3,4,5		99 m
750 mm CULV PIPE TYPE 3,4,5		8 m
900 mm CULV PIPE 3,4,5		31 m
1050 mm CULV PIPE 3,4,5		28 m
1200 mm CULV PIPE 3,4,5		8 m
1800 mm CULV PIPE 3,4,5		27 m
750 mm RND EQ CULV PIPE 3,4,5		6 m

GROUP 4 CULVERT

1200 mm RND EQ CULV PIPE 3,4,5	3 m
600 mm CULV PIPE 2,4,5,7,8	143 m
750 mm CULV PIPE 2,4,5,7,8	32 m
375 mm STORM SEWER PIPE 1,7,8	21 m
600 mm STORM SEWER PIPE 1,7,8	21 m
MOBILIZATION	LUMP LUMP
RIPRAP FILTER FABRIC	2,288 m2
CAST IRON COVER & FRAME	114 kg
CAST IRON GRATE & FRAME	252 kg
TAPPING EXISTING STRUCTURE	3 EACH
REMOVE HEADWALLS FROM CULV	1 EACH
REMOVE SEWER PIPE	13 m
REMOVE STRUCTURE	1 EACH
AT STA. 40+49.14	
REMOVE STRUCTURE	1 EACH
AT STA. 60+81.16	
REMOVE STRUCTURE	1 EACH
AT STA. 65+61.01	
REMOVE STRUCTURE	1 EACH
AT STA. 88+54.15	
REMOVE STRUCTURE	1 EACH
AT STA. 91+78.4	
REMOVE STRUCTURE	1 EACH
AT STA. 109+43.41	
REMOVE STRUCTURE	1 EACH
AT STA. 129+60.61	
REMOVE STRUCTURE	1 EACH
AT STA. 142+12.72	
REMOVE STRUCTURE	1 EACH
AT STA. 158+54.11	
REMOVE STRUCTURE	1 EACH
AT STA. 160+17.91	
REMOVE STRUCTURE	1 EACH
AT STA. 168+93.7	
EXC FOR PIPE, PIPE-ARCH CULV, AND HDWL	6,412 m3
EXCAVATION FOR BOX CULVERTS	8,870 m3
47B-20 OR AX-20 CONC FOR BOX CULV	1,526 m3
47B-20 CONC FOR INLET & JUNCTION BOXES	4 m3
47B-20 OR AX-20 CONC FOR CONCRETE COLLAR	1 m3
RE-STEEL FOR BOX CULVERT	96,404 kg
RE-STEEL FOR INLET & JCT BOX	178 kg
RE-STEEL FOR COLLARS	53 kg
375 mm FLARED-END SECTION	2 EACH
600 mm FLARED-END SECTION	31 EACH
750 mm FLARED-END SECTION	8 EACH
900 mm FLARED-END SECTION	14 EACH
1050 mm FLARED-END SECTION	2 EACH
1200 mm FLARED-END SECTION	8 EACH
1350 mm FLARED-END SECTION	2 EACH
1500 mm FLARED-END SECTION	2 EACH
1800 mm FLARED-END SECTION	4 EACH

GROUP 4 CULVERT

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750 mm RND EQUIV FLARED-END SECTION	2	EACH
1200 mm RND EQUIV FLARED-END SECTION	2	EACH
CULVERT SANDFILL	36	m3
ROCK RIPRAP, TYPE A	239	Mg
ROCK RIPRAP, TYPE B	771	Mg
ROCK RIPRAP, TYPE C	1,524	Mg

GROUP 4A CONCRETE BOX CULVERT AT STA.139+32.1

MOBILIZATION	LUMP	LUMP
REMOVE STRUCTURE		1 EACH
AT STA. 139+39.10		
EXCAVATION FOR BOX CULVERTS	1,614	m3
47B-20 OR AX-20 CONC FOR BOX CULV	283	m3
RE-STEEL FOR BOX CULVERT	15,817	kg

GROUP 4B SANITARY SEWER AND WATER MAIN

WET TAP CUT-IN	2	EACH
19 mm CORPORATION STOP	6	EACH
50 mm CORPORATION STOP	1	EACH
19 mm WATER SERVICE	84	m
50 mm WATER SERVICE	16	m
100 mm WATER SERVICE	19	m
WATER SERVICE CONNECTION	8	EACH
CONC 47B-25 FOR BLOCKS AND ANCHORAGES	2	m3
150 mm WATER MAIN PIPE	274	m
100 mm GATE VALVE AND BOX	1	EACH
150 mm GATE VALVE AND BOX	2	EACH
150 mm PUMPER HYDRANT, M.J.	2	EACH
SALVAGE FIRE HYDRANT	1	EACH
250 mm SLEEVE	2	EACH
150 mm X 100 mm TEE	1	EACH
150 mm X 150 mm TEE	2	EACH
250 mm X 150 mm TEE	1	EACH
150 mm - 45 DEGREE BEND	3	EACH
100 mm CAP	1	EACH
200 mm CAP	1	EACH
150 mm X 150 mm 508 mm OFFSET	1	EACH
ABANDON WATER MAIN	1	EACH
REMOVE HYDRANT	1	EACH
MOBILIZATION	LUMP	LUMP
REMOVE MANHOLE		1 EACH
MANHOLE		1 EACH
AT STA. 11+78.02 - 2.09 m RT.		
MANHOLE		1 EACH
AT STA. 11+91.5 - 10.81 m RT.		
200 mm P.V.C. SEWER PIPE	14	m
150 mm PLUG	1	EACH

GROUP 5 SEEDING

GROUP 5 SEEDING

SEEDING, TYPE A	38	ha
SEEDING, TYPE B	11	ha
SEEDING, TYPE C	1	ha
MULCH	257	Mg
MOBILIZATION	LUMP	LUMP

GROUP 6 BRIDGE AT STA. 48+40.8

MOBILIZATION	LUMP	LUMP
EXCAVATION (ESTABLISHED QUANTITY)		870 m3
RIPRAP FILTER FABRIC		128 m2
CONC FOR PVMT APPROACHES CLASS 47BD-30		116 m3
EPOXY COATED RE-STEEL FOR PVMT APPROACH		7,882 kg
ABUTMENT NO.1 EXCAVATION	LUMP	LUMP
ABUTMENT NO.2 EXCAVATION	LUMP	LUMP
PRECOMPRESSED POLY FOAM JOINT		23 m
EXPANSION BEARING, TFE TYPE		4 EACH
FIXED BEARING		4 EACH
47B-20 CONC FOR BRIDGE		87 m3
47BD-30 CONC FOR BRIDGE		153 m3
PRECAST/PRESTRESSED CONC SUPERSTR	LUMP	LUMP
AT STA. 48+40.8		
REMOVE STRUCTURE		1 EACH
AT STA. 48+40.8		
STRUC STEEL FOR SUBSTRUCTURE		1,470 kg
BROKEN CONCRETE RIPRAP		371 Mg
ROCK RIPRAP, TYPE A		47 Mg
EPOXY COATED RE-STEEL		19,327 kg
SUBSURFACE DRAINAGE MATTING		71 m2
HP 250 mm X 62 kg STEEL PILING		687 m
STEEL SHEET PILING		161 m2
GRANULAR BACKFILL		235 m3

GROUP 7 GUARDRAIL

MOBILIZATION	LUMP	LUMP
W-BEAM GUARDRAIL		45 m
BRIDGE APPROACH SECTIONS		4 EACH
GUARDRAIL END TREATMENT, TYPE II		4 EACH

GROUP 9 BITUMINOUS

OVERLAY BROKEN LINES		166 StaM
MOBILIZATION	LUMP	LUMP
GRAVEL SURFACE COURSE		2,371 m3
SPEC SURF CRSE FOR MAILBOX TURNOUTS		1,721 m2
MAILBOX POST		17 EACH
COMB CONC 47B-25 CURB & GUTTER		180 m
CONC 47B-20 SIDEWALKS		28 m2
CONC 47B-25 DRIVEWAY		78 m2
ADJUST MANHOLE TO GRADE		4 EACH

GROUP 9 BITUMINOUS

FLUME SPILLWAY		4 m
CONCRETE FLUME, TYPE I		2 EACH
HYDRATED LIME		173 Mg
BIT FOUNDATION COURSE 100 mm		72,541 m2
HYDRATED LIME SLURRY STABILIZATION		69 StaM
SHOULDER SUBGRADE PREPARATION		2 StaM
ASPH CONC FOR STATE MAINT PATCHING, TYPE SP2(12.5)		500 Mg
ASPH CONCRETE FOR PATCHING, TYPE SP2(12.5)		200 Mg
ASPH CONC, TYPE SP2(12.5)		38,420 Mg
PLACE ASPH CONC FOR DRIVE & INTER		5,782 m2
PERF GRAD BIND (64-22)FOR ST MAINT PATCH		27 Mg

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PERF GRADED BINDER (64-22)	2,085	Mg
CONSTRUCTING ASPH CONC CURB	186	m
PREP OF INTER & DRIVE	4,180	m2
EMUL ASPH FOR HYDRATE LIME STABILIZATION	175,950	L
TACK COAT	62,520	L
WATER	2,152	kL
EARTH SHOULDER CONSTRUCTION	314	StaM
SUBGRADE PREPARATION	100	StaM
COLD MILLING, CLASS 3	13	StaM
COLD MILLING, CLASS 4	100	StaM
SURFACE UNDER GUARDRAIL	260	m2
ASPH PVMT SMOOTHNESS TESTING I/D	LUMP	LUMP

GROUP 10 GENERAL ITEMS

BARRICADE, TYPE II	5,775	BDAY
BARRICADE, TYPE III	12,208	BDAY
TEMPORARY SIGN DAY	300	EACH
SIGN DAY	14,328	EACH
FLAGGING	30	DAY
FIELD OFFICE	1	EACH
MOBILIZATION	LUMP	LUMP
RENTAL OF LOADER, FULLY OPERATED	95	HOUR
RENTAL OF MOTOR GRADER, FULLY OPERATED	55	HOUR
RENTAL OF DUMP TRUCK, FULLY OPERATED	95	HOUR
RENTAL OF BACKHOE, FULLY OPERATED	40	HOUR
RENTAL OF SKID LOADER, FULLY OPERATED	95	HOUR

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