

# NOTICE TO CONTRACTORS

CALL ORDER F16  
FEDERAL PROJECT NO. EACSTPD-14-3(110)  
LOCATION: N-14, FULLERTON NORTH  
COUNTIES: NANCE

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 November 13, 2003 . At that time the bids will be opened and read for GRAD,CULV,SEED,BR,GDRL,ELEC,BIT

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

Length: 7.1 MILES  
START DATE 03/01/2004 WORKING DAYS 135  
Price Range \$ 1,000,000 to \$ 3,000,000  
THIS PROJECT CONTAINS A DBE GOAL OF 3.00%

Plans and specifications may be seen beginning October 21, 2003 at the Lincoln Central Office and October 27, 2003 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.

PLANS (NOT INCLUDING CROSS SECTIONS OR STANDARDS)	115	SHEETS	\$ 23.00
CROSS SECTIONS (SHEETS X1 THRU X64)	64	SHEETS	\$ 12.80
STANDARD PLANS	17	SHEETS	\$ 3.40

## SHEET NO.

1	TITLE PAGE
2T1-2T4	TYPICAL CROSS SECTIONS
2S1-2S3	SUMMARY OF QUANTITIES
2W1-2W13	WETLANDS
2H1-2H3	HORIZONTAL ALIGNMENT & CONTROL POINTS
2N1-2N2	GENERAL INFORMATION
2L	LARGE SCALE PLAN SHEETS
3 - 9	PLAN SHEETS
10	PLAN & PROFILE SHEET
11	TRAFFIC CONTROL PLAN
12	TYPICAL TRAFFIC SIGNAL CONTROL PLAN FOR ONE LANE, TWO WAY OPERATION
13	TEMPORARY TRAFFIC SIGNAL
14	TYPICAL PAVEMENT MARKING PLAN
15	TEMPORARY PAVEMENT MARKING PLAN
16 - 20	ROADWAY LIGHTING PLANS
21 - 26	EARTHWORK DATA SHEETS
27 - 36	DRAINAGE STRUCTURE CROSS SECTIONS
37 - 53	SPECIAL PLAN 1 PRESTRESSED CONCRETE GIRDER BRIDGE (NU1350) STA. 141+95.60
54	SPECIAL PLAN 1C DOWELING INTO EXISTING CONCRETE BOX CULVERT FOR CULVERT EXTENSION
55 - 57	SPECIAL PLAN 2C 12' X 5' SINGLE SPAN RC BOX CULVERT STA. 167+28.00
58 - 59	SPECIAL PLAN 3C 10' X 10' TWIN SPAN RC BOX CULVERT STA. 275+59.00
60 - 62	SPECIAL PLAN 4C 10' X 8' TWIN SPAN RC BOX CULVERT STA. 300+37.00
63 - 64	SPECIAL PLAN 5C CONCRETE FLUME, TYPE IV
65 - 71	SPECIAL PLAN 6C GUARDRAIL PLAN
72 - 73	SPECIAL PLAN 7C MAILBOX SUPPORT POST
74	SPECIAL PLAN 8C MAILBOX TURNOUT
75	SPECIAL PLAN 9C EROSION CONTROL, TYPES "A" & "AA"

76	SPECIAL PLAN 10C EROSION CONTROL, TYPE "AAA" (OUTLET TREATMENT)
77	SPECIAL PLAN 11C EROSION CHECKS (ALL TYPES) & FABRIC SILT CHECKS
78	SPECIAL PLAN 12C SILT FENCE DETAILS
79 - 80	SPECIAL PLAN 13C CONCRETE PROTECTION BARRIER
R1 - R10	RIGHT-OF-WAY SHEETS
X1 - X64	CROSS SECTIONS

#### STANDARD PLANS

108-R2	SUPERELEVATION PLAN FOR CONCRETE AND BITUMINOUS SURFACING
301-R8	(3 SHEETS) PAVEMENT DETAILS
410-R3	(2 SHEETS) FLARED END SECTIONS FOR CULVERT PIPES
425-R3	COLLARS AND ELBOWS FOR CONCRETE PIPES
428-R2	CONCRETE PLUGS AND FIELD PIPE TAP DETAILS
501-R3	EROSION CONTROL
804	PRECAST CONCRETE R.O.W. MARKER
901-R8	HIGHWAY DELINEATORS
914-R3	PULL BOX DETAIL
920-R5	(2 SHEETS) TRAFFIC CONTROL
921-R4	TRAFFIC CONTROL
1204	(2 SHEETS) REINFORCED CONCRETE BOX CULVERTS TWIN SPAN WITH 4-FOOT RISE

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

MOBILIZATION		LUMP	LUMP
LARGE TREE REMOVAL	14		EACH
GENERAL CLEARING AND GRUBBING		LUMP	LUMP
WATER	287		MGAL
RIGHT-OF-WAY MARKERS	95		EACH
EARTHWORK MEASURED IN EMBANKMENT	19,079		CY
REMOVE PAVEMENT	303		SY
REMOVE DRIVEWAY	308		SY
42" RD EQUIV DRIVE PIPE 2,3,4,5	55		LF
REMOVE HEADWALLS FROM CULV	1		EACH
REMOVE GUARDRAIL	949		LF
COVER CROP SEEDING	21		ACRE
EROSION CONTROL	5,715		SY
EROSION CONTROL, TYPE A	176		SY
EROSION CONTROL, TYPE AAA	450		SY
EROSION CONTROL, TYPE HV	915		SY
EROSION CHECKS, TYPE HV	18		BALE
EROSION CHECKS, TYPE AAA	12		BALE
FABRIC SILT FENCE-LOW POROSITY	4,900		LF
FABRIC SILT FENCE, COIR FIBER	4,980		LF

# GROUP 4 CULVERTS

MOBILIZATION		LUMP	LUMP
RIPRAP FILTER FABRIC	32		SY
REMOVE HEADWALLS FROM CULV	18		EACH
PREPARATION OF STRUCTURE	1		EACH
AT STA. 167+28			
PREPARATION OF STRUCTURE	1		EACH
AT STA. 244+65			
EXC FOR PIPE, PIPE-ARCH CULV, AND HDWL	79		CY
EXCAVATION FOR BOX CULVERTS	112		CY
47B-3000 OR AX-3000 CONC FOR BOX CULV	80		CY
47B-3000 OR AX-3000 CONC FOR CONCRETE CO	3		CY
47B-3000 OR AX-3000 CONC FOR PIPE PLUG		1	CY
RE-STEEL FOR BOX CULVERT	8,911		LB
RE-STEEL FOR COLLARS	150		LB
24" FLARED-END SECTION	5		EACH
30" FLARED-END SECTION	6		EACH
36" FLARED-END SECTION	1		EACH
48" FLARED-END SECTION	2		EACH
54" FLARED-END SECTION	4		EACH
48" RND EQUIV FLARED-END SECTION	2		EACH
CULVERT SANDFILL	62		CY
REMOVE STRUCTURE	1		EACH
AT STA. 163+73.25 RT.			
BROKEN CONCRETE RIPRAP	29		TON
24" CULV PIPE 3,4,5	24		LF
30" CULV PIPE 3,4,5	54		LF
36" CULV PIPE 3,4,5	9		LF
48" CULV PIPE 3,4,5	46		LF
54" CULV PIPE 3,4,5	79		LF
48" RND EQ CULV PIPE 3,4,5	29		LF
24" CULV PIPE 2,4,5,7,8	97		LF

## GROUP 4A CULVERT AT STA. 275+59

MOBILIZATION		LUMP	LUMP
PREPARATION OF STRUCTURE	1		EACH
AT STA. 275+59			
EXCAVATION FOR BOX CULVERTS	92		CY
47B-3000 OR AX-3000 CONC FOR BOX CULV	117		CY
RE-STEEL FOR BOX CULVERT	10,941		LB

## GROUP 4B CULVERT AT STA. 300+37

MOBILIZATION		LUMP	LUMP
PREPARATION OF STRUCTURE	1		EACH
AT STA. 300+37			
EXCAVATION FOR BOX CULVERTS	69		CY
47B-3000 OR AX-3000 CONC FOR BOX CULV	85		CY
RE-STEEL FOR BOX CULVERT	7,536		LB

## GROUP 5 SEEDING

MOBILIZATION		LUMP	LUMP
SEEDING, TYPE A	15		ACRE
SEEDING, TYPE B	6		ACRE
EROSION CONTROL, TYPE B-1	1,936		SY
MULCH	47		TON

GROUP 6 BRIDGE AT STA. 141+95.6

MOBILIZATION	LUMP	LUMP
EXCAVATION (ESTABLISHED QUANTITY)	1,200	CY
RIPRAP FILTER FABRIC	1,164	SY
CONC FOR PVMT APPROACHES CLASS 47BD-4000	175	CY
EPOXY COATED RE-STEEL FOR PVMT APPROACH	19,145	LB
ABUTMENT NO.1 EXCAVATION	LUMP	LUMP
ABUTMENT NO.2 EXCAVATION	LUMP	LUMP
BENT NO.1 EXCAVATION	LUMP	LUMP
BENT NO.2 EXCAVATION	LUMP	LUMP
PRECOMPRESSED POLY FOAM JOINT	86	LF
EXPANSION BEARING, TFE TYPE	8	EACH
FIXED BEARING	16	EACH
47B-3000 CONC FOR BRIDGE	233	CY
47BD-4000 CONC FOR BRIDGE	417	CY
PRECAST/PRESTRESSED CONC SUPERSTR	LUMP	LUMP
AT STA. 141+95.6		
REMOVE STRUCTURE	1	EACH
AT STA. 141+87.1		
STRUC STEEL FOR SUBSTRUCTURE	5,860	LB
BROKEN CONCRETE RIPRAP	205	TON
ROCK RIPRAP, TYPE A	25	TON
ROCK RIPRAP, TYPE B	545	TON
EPOXY COATED RE-STEEL	78,985	LB
HP 12"X53# STEEL PILING	3,870	LF
STEEL SHEET PILING	4,510	SF
TEMP BRIDGE SHORING	LUMP	LUMP
GRANULAR BACKFILL	440	CY

GROUP 7 GUARDRAIL

MOBILIZATION	LUMP	LUMP
W-BEAM GUARDRAIL	87	LF
BRIDGE APPROACH SECTIONS	4	EACH
GUARDRAIL END TREATMENT, TYPE II	4	EACH

GROUP 8B ELECTRICAL

MOBILIZATION	LUMP	LUMP
PULL BOX, TYPE PB-5	2	EACH
ST LIGHT UNIT SL-BT-40-12-0.25	6	EACH
LIGHTING CONTROL CENTER, D	2	EACH
1 1/2" CONDUIT IN TRENCH	666	LF
1 1/2" CONDUIT, JACKED	107	LF
STREET LIGHT CABLE, NO. 6 BARE	773	LF
STREET LIGHT CABLE, NO. 6 USE	1,546	LF

GROUP 9 BITUMINOUS

PERMANENT PAVEMENT MARKING PAINT	100,250	LF
MOBILIZATION	LUMP	LUMP
DELINEATOR, TYPE III	29	EACH
INSTALL CHEVRONS	16	EACH
GRAVEL SURFACE COURSE	170	CY
SPEC SURF CRSE FOR MAILBOX TURNOUTS	243	SY
MAILBOX POST	12	EACH
CONC 47B-3500 BARRIER CURB	249	LF
CONCRETE FLUME, TYPE IV	4	EACH
ASPH CONC FOR STATE MAINT PATCHING, TYPE SP4(0.5)	500	TON
ASPH CONCRETE FOR PATCHING, TYPE SP4(0.5)	1,000	TON
ASPH CONC, TYPE SP4(0.5)	33,990	TON
PLACE ASPH CONC FOR DRIVE & INTER	4,473	SY

GROUP 9 BITUMINOUS

TEMPORARY SURFACING	702	SY
8"		
PERF GRAD BIND (64-28)FOR ST MAINT PATCH	27	TON
PERF GRADED BINDER (64-28)	1,889	TON
CONSTRUCTING ASPH CONC CURB	1,430	LF
TACK COAT	31,250	GAL
WATER	199	MGAL
EARTH SHOULDER CONSTRUCTION	749	STA
TRENCHED WIDENING	741	STA
SUBGRADE PREPARATION	4,185	SY
COLD MILLING, CLASS 3	374	STA
SURFACE UNDER GUARDRAIL	329	SY
ASPH PVMT SMOOTHNESS TESTING I/D		LUMP
15" CULV PIPE 3,4,5,6	261	LF

GROUP 10 GENERAL ITEMS

BARRICADE, TYPE II	8,896	BDAY
BARRICADE, TYPE III	3,830	BDAY
TEMPORARY SIGN DAY	512	EACH
SIGN DAY	15,146	EACH
PAVEMENT MARKING REMOVAL	1,050	LF
TEMP PVMT MARKING, TYPE II	3,900	LF
TEMP PVMT MARKING SURF PREP	2,000	LF
OVERLAY BROKEN LINES	1,106	STA
OVERLAY SOLID LINES	2,213	STA
FLAGGING	64	DAY
FURNISHING AND OPERATING PILOT VEHICLE	30	DAY
CONCRETE PROTECTION BARRIER	650	LF
RELOCATE CONC PROTECTION BARRIER	650	LF
TEMPORARY RUMBLE STRIP	4	EACH
TEMPORARY TRAFFIC SIGNAL	1	EACH
FIELD OFFICE	1	EACH
TRAINING	1,000	HOURL
MOBILIZATION		LUMP
RENTAL OF LOADER, FULLY OPERATED	140	HOURL
RENTAL OF MOTOR GRADER, FULLY OPERATED	40	HOURL
RENTAL OF DUMP TRUCK, FULLY OPERATED	140	HOURL
RENTAL OF BACKHOE, FULLY OPERATED	100	HOURL
RENTAL OF SKID LOADER, FULLY OPERATED	140	HOURL