

NOTICE TO CONTRACTORS

CALL ORDER F05
 FEDERAL PROJECT NO. EACNH-275-7(166)
 LOCATION: US-275 SOUTHEAST OF WATERLOO
 COUNTIES: DOUGLAS

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 January 29, 2004 . At that time the bids will be opened and read for GRAD, CONC PAVE, CULV, SEED, BR, GDRL, FENCE, ELEC, SIGN

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

Length: 4.9 KILOMETERS
 START DATE 03/29/2004 WORKING DAYS 405
 Price Range \$ 18,000,000 to \$ 23,000,000
 THIS PROJECT CONTAINS A DBE GOAL OF 6.0 %

Plans and specifications may be seen beginning January 06, 2004 at the Lincoln Central Office and January 12, 2004 at the District Engineer's Office at OMAHA

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)	540 SHEETS	\$108.00
CROSS SECTIONS (SHEETS X1 THRU X230)	230 SHEETS	\$ 46.00
STANDARD PLANS	20 SHEETS	\$ 4.00

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STANDARD PLANS

M104-R1 SUPERELEVATION PLAN FOR DUAL HIGHWAYS
 (TANGENT SURFACE)
 M108-R1 SUPERELEVATION PLAN FOR CONCRETE AND
 BITUMINOUS SURFACING
 M301-R1 (3 SHEETS) PAVEMENT DETAILS
 M329-R2 (4 SHEETS) 155 TO 405 mm CONCRETE PAVEMENT
 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
 M710-R1 (2 SHEETS) FENCE DETAILS
 M804 PRECAST CONCRETE R.O.W. MARKER
 M910 SIGNAL FACE CONFIGURATION
 M920 (2 SHEETS) TRAFFIC CONTROL

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
GENERAL CLEARING AND GRUBBING	LUMP	LUMP
EXCAVATION (ESTABLISHED QUANTITY)	53,755	m3
REMOVAL OF UNSUITABLE MATERIAL	9,187	m3
WATER	29,353	kL
RIGHT-OF-WAY MARKERS	115	EACH
EARTHWORK MEASURED IN EMBANKMENT	1,012,169	m3
TEMPORARY SLOPE PROTECTION	16,673	m2
SALVAGING AND PLACING TOPSOIL	212,028	m2
SALVAGING AND PLACING HYDRIC SOIL	18,800	m2
REMOVE PAVEMENT	106,929	m2
REMOVE ASPHALT SURFACE	56	m2
REMOVE DRIVEWAY	353	m2
REMOVE FENCE	6,018	m
REMOVE INLET	3	EACH
REM DRIVEWAY CULVERT PIPE	31	m
600 mm DRIVE PIPE 2,3,4,5,6,7 OR 8	108	m
750 mm DRIVE PIPE 2,3,4,5,6,7 OR 8	16	m
900 mm DRIVE PIPE 2,3,4,5,6,7 OR 8	14	m
TYPE A SAWING	4,150	m
CAST IRON GRATE & FRAME	2,720	kg
AREA INLET	14	EACH
TAPPING EXISTING PIPE	2	EACH
REMOVE FLARED- END SECTION	14	EACH
REMOVE & SALVAGE FES	2	EACH
REMOVE HEADWALLS FROM CULV	17	EACH
REMOVE SEWER PIPE	40	m
EXC FOR PIPE, PIPE-ARCH CULV, AND HDWL	2,220	m3
47B-20 CONC FOR INLET & JUNCTION BOXES	9	m3
47B-20 OR AX-20 CONC FOR CONCRETE COLLAR	3	m3
RE-STEEL FOR INLET & JCT BOX	390	kg
RE-STEEL FOR COLLARS	134	kg
375 mm FLARED-END SECTION	19	EACH
450 mm FLARED-END SECTION	14	EACH
INSTALL 600 mm METAL F.E.S.	1	EACH
INSTALL 450 mm CONC FES	1	EACH
REMOVE GUARDRAIL	92	m
RENTAL OF LOADER, FULLY OPERATED	20	HOUR
RENTAL OF DUMP TRUCK, FULLY OPERATED	20	HOUR
RENTAL OF BACKHOE, FULLY OPERATED	20	HOUR
RENTAL OF SKID LOADER, FULLY OPERATED	20	HOUR
RENTAL OF TRACTOR & SCRAPER, F.O.	25	HOUR
COVER CROP SEEDING	55	ha
TEMPORARY SEEDING	3	ha
EROSION CONTROL, TYPE A	359	m2
EROSION CONTROL, TYPE HV	826	m2
FABRIC SILT FENCE-HIGH POROSITY	558	m
FABRIC SILT FENCE-LOW PROF HIGH PORO	462	m
FABRIC SILT FENCE-LOW PROF LOW PORO	315	m
FABRIC SILT FENCE, COIR FIBER	1,071	m
600 mm CULV PIPE 2,3,4,5,6,7,8	36	m
1200 mm RD EQUIV CULV PIPE 5	36	m
600 mm CULV PIPE 3,4	2	m
450 mm CULV PIPE, 2,5,7 OR 8	468	m
375 mm CULV PIPE 3,4,5,6	351	m
1200 mm CULV PIPE 2,3,4 OR 5	19	m
375 mm CULV PIPE 3,4,5,6,7	4	m

GROUP 3 CONCRETE PAVEMENT

PLOWABLE PAVEMENT MARKER	200	EACH
PERMANENT BARRICADE	1	EACH
MOBILIZATION	LUMP	LUMP
DELINEATOR, TYPE I	136	EACH
DELINEATOR, TYPE II	388	EACH
DELINEATOR, TYPE III	46	EACH
INSTALL CHEVRONS	48	EACH
CRUSHED ROCK EMBEDMENT	10,191	m2

GROUP 3 CONCRETE PAVEMENT

CRUSHED ROCK SURFACE COURSE	1,184	Mg
CONCRETE 47B-25 MEDIAN CURB	628	m
CONC 47B-20 MEDIAN SURFACING	3,103	m2
CONC 47B-25 DRIVEWAY	256	m2
230 mm CONC PVMT, 47B-25	16,857	m2
230 mm DOWELED CONC PVMT, 47B-25	27,268	m2
255 mm DOWELED CONC PVMT, 47B-25	106,322	m2
TEMPORARY SURFACING	4,428	m2
150 mm		
CONC SMOOTHNESS TESTING	LUMP	LUMP
ARROW	19	EACH
PERFORMED PAVEMENT MARKING, TYPE 2		
100 mm WHITE PREF PVMT MRKNG T-4 GROOVED	3,000	m
100 mm YEL PREF PVMT MRKNG, T-4 GROOVED	1,750	m
300 mm WHT PREF PVMT MRKING T-4 GROOVED	2,700	m
300 mm YEL PREF PVMT MRKING T-4 GROOVED	175	m
SOIL BINDER	7,420	m3
GRANULAR SUBDRAIN	280	EACH
SUBGRADE STABILIZATION	181,713	m2
ASPH CONC, TYPE SP4(12.5)	80	Mg
TEMPORARY SURFACING	37,426	m2
250 mm		
SURFACING 150mm	30,919	m2
SURFACING 250mm	205	m2
PERF GRADED BINDER (64-28)	4	Mg
CONSTRUCTING ASPH CONC CURB	1,048	m
TACK COAT	430	L
WATER	3,558	kL
EARTH SHOULDER CONSTRUCTION	338	StaM
COLD MILLING, CLASS 3	331	m2
RUMBLE STRIPS, CONCRETE	166	StaM
SURFACE UNDER GUARDRAIL	1,011	m2

GROUP 4 CULVERTS

MOBILIZATION	LUMP	LUMP
RIPRAP FILTER FABRIC	55	m2
TAPPING EXISTING STRUCTURE	2	EACH
REMOVE & SALVAGE FES	1	EACH
PREPARATION OF STRUCTURE	1	EACH
AT STA. 33+48		
EXC FOR PIPE, PIPE-ARCH CULV, AND HDWL	1,695	m3
EXCAVATION FOR BOX CULVERTS	364	m3
47B-20 OR AX-20 CONC FOR BOX CULV	107	m3
RE-STEEL FOR BOX CULVERT	4,652	kg
BAR GRATE FOR 1500 mm RD EQUIV FES	4	EACH
450 mm FLARED-END SECTION	2	EACH
600 mm FLARED-END SECTION	18	EACH
750 mm FLARED-END SECTION	8	EACH
900 mm FLARED-END SECTION	4	EACH
1050 mm FLARED-END SECTION	2	EACH
1200 mm FLARED-END SECTION	10	EACH
2100 mm FLARED-END SECTION	2	EACH
600 mm RND EQUIV FLARED-END SECTION	2	EACH
1500 mm RND EQUIV FLARED-END SECTION	4	EACH
INSTALL 600 mm METAL F.E.S.	1	EACH
JACKING 1050 mm CULV PIPE, 2 CLASS IV	33	m
JACKING 1200 mm CULV PIPE, 2 CLASS IV	28	m
ROCK RIPRAP, TYPE B	32	Mg
600 mm RD EQUIV CULV PIPE 2	11	m
1500 mm RD EQUIV CULV PIPE 2	58	m
1050 mm CULV PIPE 2 CLASS IV	97	m
1200 mm CULV PIPE 2 CLASS IV	43	m
900 mm CULV PIPE 2,5	50	m
1200 mm CULV PIPE 2,5	136	m
2100 mm CULV PIPE 2,5	14	m
450 mm CULV PIPE, 2,5,7 OR 8	11	m
600 mm CULV PIPE 2,5,7,8	322	m

GROUP 4 CULVERTS

750 mm CULV PIPE 2,5,7,8 193 m

GROUP 4A CULVERT AT STA. 7+04

MOBILIZATION	LUMP	LUMP
PREPARATION OF STRUCTURE AT STA. 7+04		1 EACH
EXCAVATION FOR BOX CULVERTS		26 m3
47B-20 OR AX-20 CONC FOR BOX CULV		51 m3
RE-STEEL FOR BOX CULVERT		2,960 kg

GROUP 5 SEEDING

MOBILIZATION	LUMP	LUMP
SEEDING, TYPE A		47 ha
SEEDING, TYPE B		11 ha
SEEDING, TYPE WETLAND-HIGH		4 ha
SEEDING, TYPE WETLAND-LOW		6 ha
EROSION CONTROL, TYPE B		8,426 m2
MULCH		295 Mg
SILVER MAPLE SEEDLING		155 EACH
GREEN ASH SEEDLING		155 EACH

GROUP 6 BRIDGE AT STA. 37+49 LT.

MOBILIZATION	LUMP	LUMP
EXCAVATION (ESTABLISHED QUANTITY)		395 m3
RIPRAP FILTER FABRIC		63 m2
CONC FOR PVMT APPROACHES CLASS 47BD-30		152 m3
EPOXY COATED RE-STEEL FOR PVMT APPROACH		10,385 kg
ABUTMENT NO.1 EXCAVATION	LUMP	LUMP
ABUTMENT NO.2 EXCAVATION	LUMP	LUMP
BENT NO.1 EXCAVATION	LUMP	LUMP
BENT NO.2 EXCAVATION	LUMP	LUMP
47B-20 CONC FOR BRIDGE		129 m3
47BD-30 CONC FOR BRIDGE		191 m3
STRUC STEEL FOR SUBSTRUCTURE		265 kg
ROCK RIPRAP, TYPE B		345 Mg
EPOXY COATED RE-STEEL		33,455 kg
SUBSURFACE DRAINAGE MATTING		36 m2
CONCRETE PILING		652 m
STEEL SHEET PILING		337 m2
GRANULAR BACKFILL		120 m3

GROUP 6A BRIDGE AT STA. 37+49 RT.

MOBILIZATION	LUMP	LUMP
EXCAVATION (ESTABLISHED QUANTITY)		395 m3
RIPRAP FILTER FABRIC		63 m2
CONC FOR PVMT APPROACHES CLASS 47BD-30		133 m3
EPOXY COATED RE-STEEL FOR PVMT APPROACH		9,245 kg
REMOVE STRUCTURE AT STA. 37+51 RT.		1 EACH
ABUTMENT NO.1 EXCAVATION	LUMP	LUMP
ABUTMENT NO.2 EXCAVATION	LUMP	LUMP
BENT NO.1 EXCAVATION	LUMP	LUMP
BENT NO.2 EXCAVATION	LUMP	LUMP
47B-20 CONC FOR BRIDGE		113 m3
47BD-30 CONC FOR BRIDGE		166 m3
STRUC STEEL FOR SUBSTRUCTURE		310 kg
ROCK RIPRAP, TYPE B		305 Mg
EPOXY COATED RE-STEEL		29,275 kg
SUBSURFACE DRAINAGE MATTING		30 m2
CONCRETE PILING		580 m
GROUP 6A BRIDGE AT STA. 37+49 RT.		
STEEL SHEET PILING		307 m2
GRANULAR BACKFILL		72 m3

GROUP 6B BRIDGE AT STA. 1004+74.563

MOBILIZATION	LUMP	LUMP
CONC FOR PVMT APPROACHES CLASS 47BD-30		105 m3
EPOXY COATED RE-STEEL FOR PVMT APPROACH		7,505 kg
ABUTMENT NO.1 EXCAVATION	LUMP	LUMP
ABUTMENT NO.2 EXCAVATION	LUMP	LUMP
PIER NO.1 EXCAVATION	LUMP	LUMP
PRECOMPRESSED POLY FOAM JOINT		27 m
EXPANSION BEARING, TFE TYPE		8 EACH
FIXED BEARING		4 EACH
47B-20 CONC FOR BRIDGE		202 m3
47BD-30 CONC FOR BRIDGE		293 m3
STEEL SUPERSTRUCTURE	LUMP	LUMP
AT STA. 1004+74.563		
CONCRETE SLOPE PROTECTION		755 m2
EPOXY COATED RE-STEEL		45,065 kg
SUBSURFACE DRAINAGE MATTING		95 m2
CONCRETE PILING		503 m
PIPE PILING		914 m
GRANULAR BACKFILL		285 m3

GROUP 6C BRIDGE AT STA. 1004+74.563

MOBILIZATION	LUMP	LUMP
CONC FOR PVMT APPROACHES CLASS 47BD-35		105 m3
EPOXY COATED RE-STEEL FOR PVMT APPROACH		7,505 kg
ABUTMENT NO.1 EXCAVATION	LUMP	LUMP
ABUTMENT NO.2 EXCAVATION	LUMP	LUMP
PIER NO.1 EXCAVATION	LUMP	LUMP
PRECOMPRESSED POLY FOAM JOINT		27 m
EXPANSION BEARING, TFE TYPE		8 EACH
FIXED BEARING		4 EACH
47B-20 CONC FOR BRIDGE		187 m3
47BD-35 CONC FOR BRIDGE		316 m3
PRECAST-PREST/POST-TENS CONC SUPR AT STA 1004+74.563	LUMP	LUMP
STEEL DIAPHRAGM		12 EACH
CONCRETE SLOPE PROTECTION		755 m2
EPOXY COATED RE-STEEL		46,535 kg
SUBSURFACE DRAINAGE MATTING		96 m2
CONCRETE PILING		502 m
PIPE PILING		960 m
GRANULAR BACKFILL		290 m3

GROUP 6D BRIDGE AT STA. 4013+84.906

MOBILIZATION	LUMP	LUMP
CONC FOR PVMT APPROACHES CLASS 47BD-30		105 m3
EPOXY COATED RE-STEEL FOR PVMT APPROACH		7,200 kg
ABUTMENT NO.1 EXCAVATION	LUMP	LUMP
ABUTMENT NO.2 EXCAVATION	LUMP	LUMP
PIER NO.1 EXCAVATION	LUMP	LUMP
PRECOMPRESSED POLY FOAM JOINT		27 m
EXPANSION BEARING, TFE TYPE		8 EACH
FIXED BEARING		4 EACH
47B-20 CONC FOR BRIDGE		180 m3
47BD-30 CONC FOR BRIDGE		287 m3
STEEL SUPERSTRUCTURE	LUMP	LUMP
AT STA. 4013+84.906		
CONCRETE SLOPE PROTECTION		747 m2
EPOXY COATED RE-STEEL		42,555 kg
SUBSURFACE DRAINAGE MATTING		92 m2
CONCRETE PILING		457 m
PIPE PILING		914 m
GRANULAR BACKFILL		295 m3

GROUP 6E BRIDGE AT STA. 4013+84.906

MOBILIZATION	LUMP	LUMP
CONC FOR PVMT APPROACHES CLASS 47BD-35		105 m3

GROUP 6E BRIDGE AT STA. 4013+84.906

EPOXY COATED RE-STEEL FOR PVMT APPROACH	7,200	kg
ABUTMENT NO.1 EXCAVATION	LUMP	LUMP
ABUTMENT NO.2 EXCAVATION	LUMP	LUMP
PIER NO.1 EXCAVATION	LUMP	LUMP
PRECOMPRESSED POLY FOAM JOINT	27	m
EXPANSION BEARING, TFE TYPE	8	EACH
FIXED BEARING	4	EACH
47B-20 CONC FOR BRIDGE	179	m3
47BD-35 CONC FOR BRIDGE	305	m3
PRECAST-PREST/POST-TENS CONC SUPR AT STA 4013+84.906	LUMP	LUMP
STEEL DIAPHRAGM	12	EACH
CONCRETE SLOPE PROTECTION	747	m2
EPOXY COATED RE-STEEL	43,340	kg
SUBSURFACE DRAINAGE MATTING	92	m2
CONCRETE PILING	457	m
PIPE PILING	960	m
GRANULAR BACKFILL	290	m3

GROUP 6F BRIDGE AT STA. 8204+16.473

MOBILIZATION	LUMP	LUMP
CONC FOR PVMT APPROACHES CLASS 47BD-30	128	m3
EPOXY COATED RE-STEEL FOR PVMT APPROACH	8,225	kg
ABUTMENT NO.1 EXCAVATION	LUMP	LUMP
ABUTMENT NO.2 EXCAVATION	LUMP	LUMP
PIER NO.1 EXCAVATION	LUMP	LUMP
PRECOMPRESSED POLY FOAM JOINT	25	m
EXPANSION BEARING, TFE TYPE	10	EACH
FIXED BEARING	5	EACH
47B-20 CONC FOR BRIDGE	130	m3
47BD-30 CONC FOR BRIDGE	226	m3
STEEL SUPERSTRUCTURE AT STA. 8204+16.473	LUMP	LUMP
CONCRETE SLOPE PROTECTION	544	m2
EPOXY COATED RE-STEEL	36,195	kg
SUBSURFACE DRAINAGE MATTING	57	m2
PIPE PILING	924	m
38 mm CONDUIT IN BRIDGE	100	m
GRANULAR BACKFILL	115	m3

GROUP 6G BRIDGE AT STA. 8204+16.473

MOBILIZATION	LUMP	LUMP
CONC FOR PVMT APPROACHES CLASS 47BD-35	128	m3
EPOXY COATED RE-STEEL FOR PVMT APPROACH	8,260	kg
ABUTMENT NO.1 EXCAVATION	LUMP	LUMP
ABUTMENT NO.2 EXCAVATION	LUMP	LUMP
PIER NO.1 EXCAVATION	LUMP	LUMP
PRECOMPRESSED POLY FOAM JOINT	25	m
EXPANSION BEARING, TFE TYPE	8	EACH
FIXED BEARING	8	EACH
47B-20 CONC FOR BRIDGE	136	m3
47BD-35 CONC FOR BRIDGE	284	m3
PRECAST/PRESTRESSED CONC SUPERSTR AT STA. 8204+16.473	LUMP	LUMP
CONCRETE SLOPE PROTECTION	530	m2
EPOXY COATED RE-STEEL	36,785	kg
SUBSURFACE DRAINAGE MATTING	70	m2
PIPE PILING	932	m
38 mm CONDUIT IN BRIDGE	100	m
GRANULAR BACKFILL	228	m3

GROUP 6H BRIDGE AT STA. 8514+69.76

MOBILIZATION	LUMP	LUMP
CONC FOR PVMT APPROACHES CLASS 47BD-30	128	m3
EPOXY COATED RE-STEEL FOR PVMT APPROACH	8,225	kg

GROUP 6H BRIDGE AT STA. 8514+69.76

ABUTMENT NO.1 EXCAVATION	LUMP	LUMP
ABUTMENT NO.2 EXCAVATION	LUMP	LUMP
PIER NO.1 EXCAVATION	LUMP	LUMP
PRECOMPRESSED POLY FOAM JOINT		25 m
EXPANSION BEARING, TFE TYPE		10 EACH
FIXED BEARING		5 EACH
47B-20 CONC FOR BRIDGE		130 m3
47BD-30 CONC FOR BRIDGE		226 m3
STEEL SUPERSTRUCTURE	LUMP	LUMP
AT STA. 8514+69.76		
CONCRETE SLOPE PROTECTION		544 m2
EPOXY COATED RE-STEEL	36,195	kg
SUBSURFACE DRAINAGE MATTING		57 m2
PIPE PILING	1,010	m
38 mm CONDUIT IN BRIDGE		100 m
GRANULAR BACKFILL		115 m3

GROUP 6I BRIDGE AT STA. 8514+69.76

MOBILIZATION	LUMP	LUMP
CONC FOR PVMT APPROACHES CLASS 47BD-35		128 m3
EPOXY COATED RE-STEEL FOR PVMT APPROACH	8,260	kg
ABUTMENT NO.1 EXCAVATION	LUMP	LUMP
ABUTMENT NO.2 EXCAVATION	LUMP	LUMP
PIER NO.1 EXCAVATION	LUMP	LUMP
PRECOMPRESSED POLY FOAM JOINT		25 m
EXPANSION BEARING, TFE TYPE		8 EACH
FIXED BEARING		8 EACH
47B-20 CONC FOR BRIDGE		136 m3
47BD-35 CONC FOR BRIDGE		284 m3
PRECAST/PRESTRESSED CONC SUPERSTR	LUMP	LUMP
AT STA. 8514+69.76		
CONCRETE SLOPE PROTECTION		524 m2
EPOXY COATED RE-STEEL	36,785	kg
SUBSURFACE DRAINAGE MATTING		70 m2
PIPE PILING		987 m
38 mm CONDUIT IN BRIDGE		100 m
GRANULAR BACKFILL		228 m3

GROUP 7 GUARDRAIL

MOBILIZATION	LUMP	LUMP
W-BEAM GUARDRAIL		230 m
THRIE-BEAM GUARDRAIL		305 m
BRIDGE APPROACH SECTIONS		15 EACH
SPECIAL BR APPROACH SECTION		2 EACH
END ANCHORAGE ASSEMBLY		1 EACH
BULLNOSE-3.8 m		8 EACH
GUARDRAIL END TREATMENT, TYPE I		4 EACH
GUARDRAIL END TREATMENT, TYPE II		12 EACH

GROUP 7B FENCING

MOBILIZATION	LUMP	LUMP
RIGHT-OF-WAY FENCE	10,570	m
CHANNEL CROSSING, TYPE"A"		9 EACH
END POSTS		34 EACH
PULL POSTS		62 EACH
CORNER POSTS		47 EACH
3.7 m VEHICLE GATE		10 EACH
DRAINAGE STRUCTURE TERMINALS		14 EACH

GROUP 8B ELECTRICAL

MOBILIZATION	LUMP	LUMP
PULL BOX, TYPE PB-1		10 EACH
PULL BOX, TYPE PB-1A		2 EACH
PULL BOX, TYPE PB-5		38 EACH

GROUP 8B ELECTRICAL

VEHICLE DETECTOR, TYPE A PREFORMED	18 EACH
VEHICLE DETECTOR, TYPE B PREFORMED	12 EACH
ST LIGHT UNIT SL-BT-12.2-3.7-0.20	79 EACH
LIGHTING CONTROL CENTER, P	7 EACH
38 mm CONDUIT IN TRENCH	6,087 m
50 mm CONDUIT IN TRENCH	20 m
38 mm CONDUIT UNDER ROADWAY	434 m
75 mm CONDUIT UNDER ROADWAY	104 m
STREET LIGHT CABLE, NO. 6 BARE	6,521 m
STREET LIGHT CABLE, NO. 6 USE	13,042 m
REMOVE TRAFFIC SIGNAL	1 EACH
AT US-275 & COUNTY ROAD 37	
RELOCATE TEMP LIGHT SYSTEM	2 EACH
TEMP LIGHTING SYSTEM, TYPE T1	1 EACH
TEMP LIGHTING SYSTEM, TYPE T2	1 EACH
TEMP LIGHTING SYSTEM, TYPE T3	1 EACH
CROSSOVER LIGHTING SYSTEM	1 EACH
AT STA. 52+50	
OPER & MAINT OF TEMP LIGHT SYSTEM, TYPE T1	516 DAY
OPER & MAINT OF CROSSOVER LIGHT SYSTEM	538 DAY
AT STA. 52+50	
OPER & MAINT OF TEMP LIGHT SYSTEM, TYPE T2	803 DAY
OPER & MAINT OF TEMP LIGHT SYSTEM, TYPE T3	516 DAY

GROUP 8C SIGNING

MOBILIZATION	LUMP	LUMP
CONCRETE FOR FOUNDATION		9 m3
REINFORCING STEEL		910 kg
OVERHEAD SIGN SUPPORT, LOCATION 5		1 EACH
OVERHEAD SIGN SUPPORT, LOCATION 7		1 EACH
OVERHEAD SIGN SUPPORT, LOCATION 16		1 EACH
OVERHEAD SIGN SUPPORT, LOCATION 30		1 EACH
TYPE A SIGN		14 m2
TYPE B SIGN		167 m2
100 mm X 150 mm WOOD SIGN SUPPORT		68 m
STRUC STEEL FOR SIGN SUPPORTS		4,098 kg
600 mm SIGN SUPPORT FOOTING		44 EACH
LUMINAIRE, TYPE HPS-150		8 EACH

GROUP 10 GENERAL ITEMS

BARRICADE, TYPE II	255,540 BDAY
BARRICADE, TYPE III	42,787 BDAY
TEMPORARY SIGN DAY	600 EACH
SIGN DAY	59,982 EACH
CONTRACTOR FURNISHED SIGN DAY	54,205 EACH
PAVEMENT MARKING REMOVAL	22,000 m
TEMP PVMT MARKING, TYPE PAINT	68,900 m
TEMP PVMT MARKING SURF PREP	30,000 m
FLASHING ARROW PANEL	932 DAY
FLAGGING	100 DAY
MOBILE TRAF CONTROL OPERATION	5 DAY
INSTALL CONC PROTECT BARRIER	283 m
FIELD OFFICE	1 EACH
TRAINING	3,000 HOUR
MOBILIZATION	LUMP LUMP