

NOTICE TO CONTRACTORS

CALL ORDER F27  
FEDERAL PROJECT NO. EACNH-80-9(808)  
EACNH-80-9(813)  
LOCATION: I-80, N-370 TO N-50 AND N-370 BRIDGES  
COUNTIES: SARPY

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 March 14, 2002 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:

CONCRETE PAVEMENT

Length: 2.1 MILES  
START DATE 04/15/02 CALENDAR DAYS 867  
Price Range \$ 15,000,000 to \$ 25,000,000

THIS PROJECT CONTAINS A DBE GOAL.

Plans and specifications may be seen beginning February 19, 2002 at the Lincoln Central Office and February 25, 2002 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/>

Contractors must meet the provisions of the Fair Labor Standards Act of 1938 (52 Stat. 1060) as amended. The Secretary of Labor has determined minimum wage rates for this project. This contract is subject to the Work Hours Act of 1962, P.L. 87-581 and implementing regulations.

This project is subject to the provisions of the utilization of Disadvantaged Business Enterprises.

Prequalification for bidding is required by Nebraska Revised Statute 39-1351-R.R.S. 1943.

A Department of Roads' Bid Bond Form for 5% of the bid must be submitted with the proposal. The successful bidder will furnish bond for 100% of the contract.

The contractor, with regard to the work performed by it during the contract, shall not discriminate on the grounds of race, religion, sex, color, national origin, age or disability.

THE DEPARTMENT RESERVES THE RIGHT TO WAIVE ALL TECHNICALITIES AND REJECT ANY OR ALL BIDS.

DIRECTOR: JOHN L. CRAIG

DISTRICT ENGINEER: JOHN R. JACOBSEN

LIST OF PLANS

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2A1-2A2	PHOTO MAPS (WASTE AREAS)
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2A11	PHOTO MAP (CRUSHING/STOCKPILE SITE & BORROW AREA)

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 PCCMP, & PLASTIC PIPE  
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 RC BOX CULVERT  
 STA. 354+08.10  
 213-214 SPECIAL PLAN 10C 8' X 5' SINGLE SPAN  
 RC BOX CULVERT  
 STA. 372+13.20  
 215-217 SPECIAL PLAN 11C 5' X 4' SINGLE SPAN  
 RC BOX CULVERT  
 STA. 1120+95.30  
 218-219 SPECIAL PLAN 12C 8' X 5' SINGLE SPAN  
 RC BOX CULVERT  
 STA. 1325+75.40  
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 221 SPECIAL PLAN 14C SINGLE GRATE INLET (FOR  
 LONGITUDINAL PIPE 21" OR LESS)  
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STANDARD PLANS

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 410-R3 (2 SHEETS) FLARED END SECTIONS FOR CULVERT PIPES  
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 428-R2 CONCRETE PLUGS AND FIELD PIPE TAP DETAILS  
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 901-R8 HIGHWAY DELINEATORS  
 914-R3 PULL BOX DETAIL  
 920-R5 (2 SHEETS) TRAFFIC CONTROL  
 921-R4 TRAFFIC CONTROL  
 1104 (2 SHEETS) REINFORCED CONCRETE BOX CULVERTS  
 SINGLE SPAN WITH 4-FOOT RISE  
 1105 (2 SHEETS) REINFORCED CONCRETE BOX CULVERTS  
 SINGLE SPAN WITH 5-FOOT RISE

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1 TITLE PAGE  
 2S SUMMARY OF QUANTITIES  
 2A PHOTO MAP  
 2H ORIENTATION & ALIGNMENT  
 3 PLAN SHEET  
 4 - 33 SPECIAL PLAN 1 TWIN DECK STEEL GIRDER BRIDGES  
 WIDENING  
 STA. 368+64.62

STANDARD PLANS

920-R5 (2 SHEETS) TRAFFIC CONTROL  
 921-R4 TRAFFIC CONTROL

PLANS (NOT INCLUDING CROSS SECTIONS OR STANDARDS)	634 SHEETS	\$126.8
CROSS SECTIONS (SHEETS X1 THRU X302)	302 SHEETS	60.40
STANDARD PLANS	23 SHEETS	4.60

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	79 ACRE
EROSION CONTROL	10,861 SY
EROSION CONTROL, TYPE A	11,054 SY

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EROSION CONTROL, TYPE AA	2,878	SY
EROSION CONTROL, TYPE AAA	841	SY
EROSION CONTROL, TYPE HV	16,435	SY
EROSION CONTROL, TYPE J	1,460	SY
EROSION CHECKS, TYPE A	643	BALE
EROSION CHECKS, TYPE HV	715	BALE
EROSION CHECKS, TYPE AA	168	BALE
EROSION CHECKS, TYPE AAA	42	BALE
FABRIC SILT FENCE-LOW POROSITY	3,785	LF
FABRIC SILT FENCE-HIGH POROSITY	124	LF
FABRIC SILT FENCE-WP-WW-LP	1,322	LF
FABRIC SILT FENCE-WP-WW-HP	1,616	LF
MOBILIZATION	LUMP	LUMP
LARGE TREE REMOVAL	4	EACH
GENERAL CLEARING AND GRUBBING	LUMP	LUMP
EXCAVATION (ESTABLISHED QUANTITY)	375,870	CY
WATER	1,190	MGAL
REMOVE DELINEATOR UNITS	280	EACH
RESTORE BORROW PIT	4	ACRE
SAWING PAVEMENT	2,104	LF
REMOVE WALK	49	SY
REMOVE CURB	1,297	LF
REMOVE FENCE	26,049	LF
REMOVE CONCRETE MEDIAN SURFACING	2,141	SY
REMOVE CONCRETE DITCH LINER	259	SY
CRUSH CONCRETE PAVEMENT	124,795	SY
REMOVE GUARDRAIL	8,461	LF
RENTAL OF LOADER, FULLY OPERATED	70	HOUR
RENTAL OF DUMP TRUCK, FULLY OPERATED	70	HOUR
RENTAL OF SKID LOADER, FULLY OPERATED	70	HOUR

GROUP 1A MSE WALL

MOBILIZATION	LUMP	LUMP
CONCRETE FACE PANELS	3,519	SF
CONCRETE LEVELING PADS	577	LF
COPING	602	LF
SELECT GRANULAR BACKFILL FOR MSE WALL	1,910	CY

GROUP 3 CONCRETE PAVEMENT

1 1/2" CONDUIT IN MEDIAN BARRIER	3,760	LF
PLOWABLE PAVEMENT MARKER	880	EACH
MOBILIZATION	LUMP	LUMP
DELINEATOR, TYPE I	173	EACH

GROUP 3 CONCRETE PAVEMENT

DELINEATOR, TYPE II	205	EACH
CRUSHED ROCK SURFACE COURSE	476	TON
TIE BARS	460	EACH
47B-3500 LIP CURB, TYPE II	1,287	LF
CONC 47B-3500 CURB TYPE II	922	LF
CONC 47BD-4000 BARRIER CURB	650	LF
CONC 47BD-4000 BARRIER TRANS SECTION	2	EACH
CONC 47B-3000 SIDEWALK 5"	50	SY
CONC 47B-3000 MEDIAN SURFACING	3,628	SY
6" CONC CLASS 47B-3000 MEDIAN SURFACING	354	SY
CONC 47BD-4000 MEDIAN BARRIER	8,601	LF
CONC 47BD-4000 MEDIAN BARRIER	2,050	LF
DOWELED		

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CONC 47BD-4000 MED BARRER TRANS SECTION	10	EACH
CONC 47BD-4000 MED BARRIER TRANS SECTION	2	EACH
(MODIFIED)		
10" CONC PVMT, 47B-3500	15,819	SY
10" DOWELED CONC PVMT, 47B-3500	30,192	SY
14" CONC PVMT, 47B-3500	68,541	SY
14" DOWELED CONC PVMT, 47B-3500	141,603	SY
TEMPORARY SURFACING	47,530	SY
10"		
10" DOWELED CONC PVMT, 47B-HE-3500	1,413	SY
14" DOWELED CONC PVMT, 47B-HE-3500	2,289	SY
CONC SMOOTHNESS TESTING	LUMP	LUMP
CONC PVMT THICKNESS CORE	130	EACH
UNDERDRAIN HEADWALL	144	EACH
4" NONPERF PIPE UNDERDRAIN	2,340	LF
4" PERFORATED PIPE UNDERDRAIN	45,906	LF
47BD-4000 CONC FOR PIER PROTECTION	147	CY
CONCRETE SLOPE PROTECTION	169	SY
EPOXY COAT RE-STEEL FOR PIER PROTECTION	15,333	LB
4" WHITE DURABLE LIQUID PVMT MARKING	33,500	LF
4" YELLOW DURABLE LIQUID PVMT MARKING	42,500	LF
4" WHITE PREF PVMT MRKNG T-4 GROOVED	14,000	LF
12" WHT PREF PVMT MRKING T-4 GROOVED	8,600	LF
CRUSHED ROCK FOUNDATION COURSE 6"	20,207	SY
CC FOUNDATION COURSE 4"	40,965	SY
CC FOUNDATION COURSE 5"	212,153	SY
SURFACING 10"	9,222	SY
WATER	888	MGAL
EARTH SHOULDER CONSTRUCTION	513	STA
SUBGRADE PREPARATION	258,846	SY
COLD MILLING, CLASS 4	51,633	SY
BITUMINOUS SURFACE COURSE	303	SY
14"		
SURFACE UNDER GUARDRAIL	4,606	SY
GROUP 4 CULVERTS		
12" CULV PIPE 2,3,4,5,6,7 OR 8	250	LF
GROUP 4 CULVERTS		
18" CULV PIPE 2,3,4,5,6,7,8	142	LF
24" CULV PIPE 2,3,4,5,6,7,8	28	LF
18" CULV PIPE 2	103	LF
24" CULV PIPE 2	276	LF
30" CULV PIPE 2	201	LF
36" CULV PIPE 2	26	LF
48" CULV PIPE 2	30	LF
18" CULV PIPE 2 CLASS IV	40	LF
24" CULV PIPE 2 CLASS IV	32	LF
48" CULV PIPE 3,4,5	66	LF
24" CULV PIPE 3,4,5,6	161	LF
36" CULV PIPE 3,4,5,6	119	LF
48" CULV PIPE 2,3,4, OR 5	62	LF
60" CULV PIPE 2,3,4 OR 5	58	LF
18" STORM SEWER PIPE 1,7,8	8,795	LF
18" STORM SEWER PIPE 1	104	LF
MOBILIZATION	LUMP	LUMP
RIPRAP FILTER FABRIC	325	SY
ABANDON INLET	2	EACH
REMOVE MANHOLE	2	EACH

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REMOVE INLET	15 EACH
CAST IRON GRATE & FRAME	65,945 LB
CAST IRON RING & COVER	1,025 LB
RECONSTRUCT MANHOLE	3 EACH
MANHOLE	1 EACH
AT STA. 387+08 LT.	
MANHOLE	1 EACH
AT STA. 813+00 RT.	
TAPPING EXISTING STRUCTURE	1 EACH
REMOVE FLARED- END SECTION	11 EACH
REMOVE HEADWALLS FROM CULV	19 EACH
REMOVE SEWER PIPE	1,634 LF
PREPARATION OF STRUCTURE	1 EACH
AT STA. 354+08.1	
PREPARATION OF STRUCTURE	1 EACH
AT STA. 372+13.2	
PREPARATION OF STRUCTURE	1 EACH
AT STA. 394+46.2	
PREPARATION OF STRUCTURE	1 EACH
AT STA. 1099+22.2	
PREPARATION OF STRUCTURE	1 EACH
AT STA. 1325+75.4	
PREPARATION OF STRUCTURE	1 EACH
AT STA. 1502+33.5	
REMOVE STRUCTURE	1 EACH
AT STA. 387+08.5 RT.	
REMOVE STRUCTURE	1 EACH
AT STA. 422+60 RT.	
REMOVE STRUCTURE	1 EACH
AT STA. 423+11 LT.	
REMOVE STRUCTURE	1 EACH
AT STA. 430+98 RT.	

GROUP 4 CULVERTS

REMOVE STRUCTURE	1 EACH
AT STA. 431+45 LT.	
REMOVE STRUCTURE	1 EACH
AT STA. 1624+78 TO STA. 1624+99 RT.	
EXC FOR PIPE, PIPE-ARCH CULV, AND HDWL	1,084 CY
EXCAVATION FOR BOX CULVERTS	581 CY
47B-3000 OR AX-3000 CONC FOR HDWL	1 CY
47B-3000 OR AX-3000 CONC FOR BOX CULV	415 CY
47B-3000 CONC FOR INLET & JUNCTION BOXES	261 CY
47B-3000 OR AX-3000 CONC FOR CONCRETE CO	11 CY
47B-3000 OR AX-3000 CONC FOR PIPE PLUG	1 CY
RE-STEEL FOR PIPE CULV PLUG	50 LB
RE-STEEL FOR HEADWALL	113 LB
RE-STEEL FOR BOX CULVERT	40,189 LB
RE-STEEL FOR INLET & JCT BOX	27,329 LB
RE-STEEL FOR COLLARS	862 LB
18" FLARED-END SECTION	17 EACH
24" FLARED-END SECTION	11 EACH
30" FLARED-END SECTION	7 EACH
36" FLARED-END SECTION	5 EACH
48" FLARED-END SECTION	2 EACH
CULVERT SANDFILL	8 CY
JACK 18" CULV PIPE, TYPE	40 LF
2 CLASS IV	
JACK 24" CULV PIPE, TYPE	32 LF
2 CLASS IV	

ROCK RIPRAP, TYPE B		262 TON
GROUP 5 SEEDING		
SEEDING, TYPE A		69 ACRE
SEEDING, TYPE B		15 ACRE
EROSION CONTROL, TYPE B-1		6,221 SY
MULCH		189 TON
MOBILIZATION	LUMP	LUMP
GROUP 6 BRIDGE AT STA. 1465+23.95		
MOBILIZATION	LUMP	LUMP
PRECOMPRESSED POLY FOAM JOINT		34 LF
PLACE, FINISH, & CURE CONC OVERLAY-SF		489 SY
47BD-4000 CONC FOR BRIDGE		112 CY
CONCRETE FOR OVERLAYS-SF		35 CY
PREP BRIDGE		1 EACH
AT STA. 1465+23.95		
EPOXY COATED RE-STEEL		3,517 LB
GROUP 6A BRIDGE AT STA. 368+64.62		
TRAINING		1,000 HOUR
MOBILIZATION	LUMP	LUMP
GROUP 6A BRIDGE AT STA. 368+64.62		
CONC FOR PVMT APPROACHES CLASS 47BD-4000		795 CY
EPOXY COATED RE-STEEL FOR PVMT APPROACH		79,360 LB
ABUTMENT NO.1 EXCAVATION	LUMP	LUMP
ABUTMENT NO.2 EXCAVATION	LUMP	LUMP
PIER NO.1 EXCAVATION	LUMP	LUMP
PIER NO.2 EXCAVATION	LUMP	LUMP
PRECOMPRESSED POLY FOAM JOINT		315 LF
GUIDED BEARING DVC, TYPE II		10 EACH
47B-3000 CONC FOR BRIDGE		475 CY
47BD-4000 CONC FOR BRIDGE		412 CY
PREP BRIDGE		1 EACH
AT STA. 368+64.62		
STRUC STEEL FOR SUBSTRUCTURE		815 LB
STRUC STEEL FOR SUPERSTRUCTURE		409,005 LB
CONCRETE SLOPE PROTECTION		428 SY
EPOXY COATED RE-STEEL		177,150 LB
SUBSURFACE DRAINAGE MATTING		110 SY
HP 12"X53# STEEL PILING		5,000 LF
1 1/2" CONDUIT IN BRIDGE		500 LF
SHEAR CONNECTORS		2,850 EACH
GRANULAR BACKFILL		430 CY
GROUP 7 GUARDRAIL		
INERTIAL BARRIER SYSTEM		1 EACH
MOBILIZATION	LUMP	LUMP
W-BEAM GUARDRAIL		450 LF
RESET GUARDRAIL		320 LF
IMPACT ATTENUATOR		1 EACH
BRIDGE APPROACH SECTIONS		5 EACH
GUARDRAIL END TREATMENT, TYPE I		5 EACH
GROUP 7B FENCING		

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	LUMP	LUMP
MOBILIZATION		
RIGHT-OF-WAY FENCE	139	LF
SPECIAL		
END POSTS		4 EACH
PULL POSTS		5 EACH
CORNER POSTS		5 EACH
20' VEHICLE GATE		1 EACH
5' CHAIN-LINK FENCE	26,690	LF
CHNNL CRSS,TYPE A, 5' CH-LNK FENCE		1 EACH
END POST FOR 5' CH-LINK FENCE		23 EACH
CORNER POST FOR 5' CH-LNK FENCE		65 EACH
PULL POST FOR 5' CH-LNK FENCE		63 EACH
BARBED WIRE FENCE	2,681	LF
GROUP 8B ELECTRICAL		
PULL BOX, TYPE PB-1	61	EACH
GROUP 8B ELECTRICAL		
PULL BOX, TYPE PB-1A	14	EACH
PULL BOX, TYPE PB-2A	2	EACH
PULL BOX, TYPE PB-5	7	EACH
PULL BOX, TYPE PB-6	28	EACH
SERVICE BOX	4	EACH
24" X 36"		
TRAFFIC SIGNAL, TYPE TS-1	32	EACH
TRAFFIC SIGNAL, TYPE TS-1LL	6	EACH
TRAFFIC SIGNAL, TYPE TS-1L	2	EACH
TRAFFIC SIGNAL, TYPE TS-1LB	2	EACH
TRAFFIC SIGNAL, TYPE TS-2	1	EACH
PEDESTAL POLE, TYPE PP-10	1	EACH
VEHICLE DETECTOR, TYPE A PREFORMED	55	EACH
VEHICLE DETECTOR, TYPE B PREFORMED	51	EACH
VEHICLE DETECTOR, TYPE TD-3	4	EACH
VEHICLE DETECTOR, TYPE TD-5	3	EACH
ST LIGHT UNIT SL-BT-45-12-0.20	2	EACH
ST LIGHT UNIT SL-S-45-6 & 6-0.20	22	EACH
LUMINAIRE, TYPE HML-A-1KW	48	EACH
LUMINAIRE, TYPE HML-V-1KW	36	EACH
UNDERDECK LUMINAIRE, TYPE UD-200	4	EACH
C.M.A. SIG & LGHT POLE, CMP-45-12	1	EACH
C.M.A. SIG & LGHT POLE, CMP-50-12	1	EACH
C.M.A. SIG & LGHT POLE, CMP-60-12	5	EACH
C.M.A. SIG & LGHT POLE, CMP-65-12	3	EACH
MAST ARM SIGNAL POLE, MP-50-45	2	EACH
MAST ARM SIGNAL POLE, MP-60	1	EACH
MAST ARM SIGNAL POLE, MP-70	1	EACH
MAST ARM SIGNAL POLE, MP-75	1	EACH
FOUNDATION DESIGN	11	EACH
CONCRETE FOR FOUNDATION	165	CY
REINFORCING STEEL	13,343	LB
ANCHOR BOLTS	66	EACH
LIGHTING CONTROL CENTER, P	2	EACH
LIGHTING CONTROL CENTER, R-2	4	EACH
1 1/2" CONDUIT IN TRENCH	9,495	LF
2" CONDUIT IN TRENCH	9,803	LF
3" CONDUIT IN TRENCH	426	LF
1 1/2" CONDUIT UNDER ROADWAY	1,735	LF
2" CONDUIT UNDER ROADWAY	1,545	LF



3" CONDUIT UNDER ROADWAY	987 LF
1 1/2" CONDUIT, JACKED	70 LF
3/C #14 AWG TRAF SIG CABLE	765 LF
7/C #14 AWG TRAF SIG CABLE	7,132 LF
12/C #14 AWG TRAF SIG CABLE	3,055 LF
2/C #14 AWG DETECTOR LEAD-IN CABLE	3,597 LF
GROUNDING CONDUCTOR	9,387 LF
SERVICE CABLE	1,830 LF
STREET LIGHT CABLE, NO. 2 USE	40,280 LF
STREET LIGHT CABLE, NO. 6 BARE	15,775 LF
STREET LIGHT CABLE, NO. 6 USE	19,350 LF

## GROUP 8B ELECTRICAL

DIRECT BURIAL CABLE, NO. 1/0	765 LF
INST TRAF SIG CONTROLLER, TC-170	5 EACH
REMOVE LIGHTING UNIT	2 EACH
REMOVE TRAFFIC SIGNAL	1 EACH
AT N-50 & SAPP BROTHERS DRIVE	
REMOVE TRAFFIC SIGNAL	1 EACH
AT N-50 & WB RAMP	
REMOVE TRAFFIC SIGNAL	1 EACH
AT N-50 & EB RAMP	
REMOVE TRAFFIC SIGNAL	1 EACH
AT N-50 & FRONTIER ROAD	
REMOVE LIGHTING CONTROL CENTER	2 EACH
REMOVE PULL BOX	7 EACH
REMOVE	2 EACH
AND TRANSFER TEMPORARY LIGHTING SYSTEM	
REMOVE	1 EACH
AND REINSTALL LIGHTING UNIT	
RELOCATE STREET LIGHTING UNIT	3 EACH
MODIFY HIGH MAST TOWER	5 EACH
TYPE A	
MODIFY HIGH MAST TOWER	3 EACH
TYPE B	
MODIFY HIGH MAST TOWER	3 EACH
TYPE C	
MODIFY HIGH MAST TOWER	1 EACH
TYPE D	
MODIFY HIGH MAST TOWER	2 EACH
TYPE E	
TEMP LIGHTING SYSTEM	1 EACH
AT STA. 337+40	
TEMP LIGHTING SYSTEM	1 EACH
AT STA. 415+00	
TEMP LIGHTING SYSTEM	1 EACH
AT STA. 424+00	
TEMP LIGHTING SYSTEM	1 EACH
AT STA. 1096+50	
TEMP LIGHTING SYSTEM	1 EACH
AT STA. 1125+80	
OPER & MAINT OF TEMP LIGHT SYSTEM	244 DAY
AT STA. 337+40	
OPER & MAINT OF TEMP LIGHT SYSTEM	30 DAY
AT STA. 415+00	
OPER & MAINT OF TEMP LIGHT SYSTEM	90 DAY
AT STA. 424+00	
OPER & MAINT OF TEMP LIGHT SYSTEM	115 DAY
AT STA. 1096+50	
OPER & MAINT OF TEMP LIGHT SYSTEM	230 DAY

AT STA. 1125+80		
MAINTENANCE OF LIGHTING UNITS		867 DAY
TEMPORARY TRAFFIC SIGNAL		1 EACH
AT N-50 & SAPP BROTHERS DRIVE		

## GROUP 8B ELECTRICAL

TEMPORARY TRAFFIC SIGNAL		1 EACH
AT N-50 & WB RAMP		
TEMPORARY TRAFFIC SIGNAL		1 EACH
AT N-50 & EB RAMP		
TEMP TRAFFIC SIGNAL		1 EACH
AT N-50 & FRONTIER ROAD		
MOBILIZATION	LUMP	LUMP

## GROUP 8C SIGNING

LUMINAIRE, TYPE HPS-150		23 EACH
MOBILIZATION	LUMP	LUMP
REM SIGN, STRUCTURE, AND FOUNDATION		4 EACH
OVERHEAD SIGN SUPPORT, LOCATION		1 EACH
16		
OVERHEAD SIGN SUPPORT, LOCATION		1 EACH
17		
OVERHEAD SIGN SUPPORT, LOCATION		1 EACH
18		
OVERHEAD SIGN SUPPORT, LOCATION		1 EACH
19		
OVERHEAD SIGN SUPPORT, LOCATION		1 EACH
20		
OVERHEAD SIGN SUPPORT, LOCATION		1 EACH
25		
OVERHEAD SIGN SUPPORT, LOCATION		1 EACH
26		
OVERHEAD SIGN SUPPORT, LOCATION		1 EACH
27		
OVERHEAD SIGN SUPPORT, LOCATION		1 EACH
28		
OVERHEAD SIGN SUPPORT, LOCATION		1 EACH
31		
OVERHEAD SIGN SUPPORT, LOCATION		1 EACH
32		
OVERHEAD SIGN SUPPORT, LOCATION		1 EACH
33		
OVERHEAD SIGN SUPPORT, LOCATION		1 EACH
34		
TYPE B SIGN		299 SY
STRUC STEEL FOR SIGN SUPPORTS		2,505 LB
24" SIGN SUPPORT FOOTING		12 EACH
REMOVE SIGN, POST, AND FOOTING		11 EACH

## GROUP 10 GENERAL ITEMS

BARRICADE, TYPE II		167,982 BDAY
BARRICADE, TYPE III		17,444 BDAY
TYPE B HIGH INTENSITY WARNING LIGHT		5,434 LDAY
TEMPORARY SIGN DAY		2,376 EACH
SIGN DAY		51,382 EACH

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GROUP 10 GENERAL ITEMS

PAVEMENT MARKING REMOVAL	147,000	LF
TEMP PVMT MARKING, TYPE PAINT	295,000	LF
TEMP PVMT MARKING SURF PREP	144,000	LF
TEMP RAISED PVMT MARKER	2,000	EACH
TUBULAR POST	60	EACH
FLASHING ARROW PANEL	335	DAY
FLAGGING	52	DAY
INSTALL CONC PROTECT BARRIER	26,525	LF
RELOCATE CONC PROTECTION BARRIER	16,200	LF
RELOC INERTIAL BARRIER SYSTEM	10	EACH
INERTIAL BARRIER SYSTEM	5	EACH
REPLACEMENT MODULE	5	EACH
FIELD OFFICE	1	EACH
MOBILIZATION	LUMP	LUMP
CONSTRUCTION STAKING AND SURVEYING	LUMP	LUMP
INSTALL IMPACT ATTENUATOR	2	EACH
RELOCATE IMPACT ATTENUATOR	5	EACH