

NOTICE TO CONTRACTORS

CALL ORDER F10

FEDERAL PROJECT NO. EACNH-6-7(166)
EACNH-6-7(167)
EACNH-6-7(168)
BH-5164(1)

LOCATION: US-6, WEST DODGE ROAD EXPRESSWAY 120TH - 108TH,
WB & EB BRIDGES & SOUTH BRIDGE ROAD, OMAHA
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 June 17, 2004 . At that time the bids will be opened and read for GRAD, CONC PVT, CULV, BR, SPEC, ELEC, SIGN

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

Length: 2.8 KILOMETERS
START DATE 07/19/2004 CALENDAR DAYS 1595
Price Range \$ 50,000,000 to \$ 75,000,000
THIS PROJECT CONTAINS A DBE GOAL OF 6.0 %

Plans and specifications may be seen beginning May 11, 2004 at the Lincoln Central Office and May 17, 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/>.

A BIDDER'S CONFERENCE WILL BE HELD IN THE AUDITORIUM AT THE NEBRASKA DEPARTMENT OF ROADS' CENTRAL OFFICE BUILDING, LOCATED AT 1500 NEBRASKA HWY. 2 IN LINCOLN. THE PURPOSE OF THIS CONFERENCE IS TO ALLOW BIDDERS TO ASK QUESTIONS CONCERNING THIS PROJECT AND RECEIVE ANSWERS TO THE QUESTIONS. ATTENDANCE AT THIS CONFERENCE IS STRONGLY ENCOURAGED.

TIME: 1:00 P.M. DATE: June 01, 2004

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

PLANS (NOT INCLUDING CROSS SECTIONS AND STANDARDS)	1840	SHEETS	\$368.00
CROSS SECTIONS (SHEETS X1 THRU 175X)	175	SHEETS	\$ 35.00
STANDARD PLANS	20	SHEETS	\$ 4.00

PROJECT NO. EACNH-6-7(166)

SHEET NO.
1 TITLE PAGE
2S1-2S2 SUMMARY OF QUANTITIES
2A1-2A4 AERIAL PHOTO PLANS
2H1-2H8 ORIENTATION & ALIGNMENT
3 - 10 PLAN & PROFILE SHEETS
11 - 151 SPECIAL PLAN 1 PRESTRESSED GIRDER BRIDGE
151A (NU-2000)
152 - 206 STA. 780+08.432

207 - 370 SPECIAL PLAN 2 WELDED PLATE GIRDER BRIDGE
370A STA. 780+08.432
371 - 426
STANDARD PLANS
M920 (2 SHEETS) TRAFFIC CONTROL

PROJECT NO. EACNH-6-7(167)

SHEET NO.
1 TITLE PAGE
2S1-2S3 SUMMARY OF QUANTITIES
2A1-2A4 AERIAL PHOTO PLANS
2H1-2H8 ORIENTATION & ALIGNMENT
3 - 11 PLAN & PROFILE SHEETS
12 - 155 SPECIAL PLAN 1 PRESTRESSED GIRDER BRIDGE
155A (NU-2000)
156 - 211 STA. 879+72.083

212 - 375 SPECIAL PLAN 2 WELDED PLATE GIRDER BRIDGE
 375A STA. 879+72.083
 376 - 431
 432 - 466 SPECIAL PLAN 3 WELDED PLATE GIRDER BRIDGE
 STA. 3001+99.455

STANDARD PLANS

M920 (2 SHEETS) TRAFFIC CONTROL

PROJECT NO. EACNH-6-7(168)

SHEET NO.

1	TITLE PAGE
2	INDEX OF SHEETS
2T1-2T15	TYPICAL CROSS SECTIONS
2S1-2S4	SUMMARY OF QUANTITIES
2K1-2K11	SUMMARY OF SOIL & GEOTECHNICAL INFORMATION
2A1-2A6	AERIAL PHOTO PLANS
2H1-2H8	ORIENTATION & ALIGNMENT
2N1-2N13	GENERAL INFORMATION
2P1-2P55	CONSTRUCTION PHASING
2P56-2P162	PHASING PLANS--TRAFFIC CONTROL
2L1-2L37	GEOMETRICS & JOINTS
2L38-2L58	GRADES
2L59-2L96	CONSTRUCTION
2L97-2L121	REMOVALS
2L122-2L159	DRAINAGE
2L160-2L213	LIGHTING
2L214-2L236	TEMPORARY LIGHTING
2L237-2L257	CONTOURS
2L258-2L291	UTILITY (FOR INFORMATION ONLY)
3 - 54	PLAN & PROFILE SHEETS
55 - 64	EROSION CONTROL
65 - 72	TRAFFIC SIGNALIZATION
73 - 77	WEST DODGE ROAD INTERCONNECT
78 - 79	SURVEILLANCE SYSTEM
80 - 97	TEMPORARY TRAFFIC SIGNALIZATION
98 - 120	SIGNING & STRIPING
121 - 144	SIGNING PLAN
145 - 153	EARTHWORK DATA SHEETS
154 - 188	DRAINAGE CROSS SECTIONS
189 - 206	SPECIAL PLAN 1 WEST DODGE ROAD OVER BIG PAPILLION CREEK STA. 86+88.670
207 - 215	SPECIAL PLAN 1C TWO-STAGE MSE WALLS (#10 - #13)
216 - 224	SPECIAL PLAN 2C MSE WALLS (#20 - #24)
225	SPECIAL PLAN 3C MSE WALL AT OPPD TOWER
226	SPECIAL PLAN 4C CURB RAMPS
227 - 230	SPECIAL PLAN 5C BEDDING & BACKFILL REQUIREMENTS FOR CONCRETE PIPE, MCCMP, PCCMP, & PLASTIC PIPE
231 - 232	SPECIAL PLAN 6C CURB INLET & JUNCTION BOX
233 - 235	SPECIAL PLAN 7C CURB INLET (X > 2.3 m)
236 - 237	SPECIAL PLAN 8C CURB INLET (LONGITUDINAL PIPE BELOW INLET TROUGH)
238 - 239	SPECIAL PLAN 9C CURB INLET (1350 mm LONGITUDINAL PIPE BELOW INLET TROUGH)
240 - 241	SPECIAL PLAN 10C GRATE INLET (ALONG BARRIER)
242 - 243	SPECIAL PLAN 11C SLOTTED VANE INLET
244 - 245	SPECIAL PLAN 12C DUAL SLOTTED VANE INLET
246 - 247	SPECIAL PLAN 13C AREA INLET WITH GRATE
248	SPECIAL PLAN 14C CONCRETE MEDIAN BARRIER WITH ELECTRICAL CONDUIT
249 - 251	SPECIAL PLAN 15C 1070 mm CONCRETE "F"-SHAPE BARRIER
252	SPECIAL PLAN 16C 815 mm CONCRETE VERTICAL BARRIER
253 - 254	SPECIAL PLAN 17C CONCRETE VERTICAL STEP BARRIER
255	SPECIAL PLAN 18C 815 mm CONCRETE BARRIER END SECTION
256 - 257	SPECIAL PLAN 19C CONCRETE MEDIAN BARRIER WITH ELECTRICAL CONDUIT
258 - 259	SPECIAL PLAN 20C CONCRETE "F"-SHAPE BARRIER TO MEDIAN BARRIER TRANSITION

260 SPECIAL PLAN 21C 1070 mm CONCRETE "F"-SHAPE BARRIER
TO CURB TRANSITION

261 SPECIAL PLAN 22C 815 mm CONCRETE VERTICAL BARRIER
TO CURB TRANSITION

262 - 263 SPECIAL PLAN 23C CONCRETE BARRIER SPECIAL TRANSITION
SECTION (TYPE A)

264 - 266 SPECIAL PLAN 24C CONCRETE BARRIER SPECIAL TRANSITION
SECTION (TYPE B)

267 - 269 SPECIAL PLAN 25C CONCRETE BARRIER SPECIAL TRANSITION
SECTION (TYPE C)

270 SPECIAL PLAN 26C CONCRETE BARRIER CURB SPECIAL
& TEMPORARY SLOPE PROTECTION

271 - 275 SPECIAL PLAN 27C CONCRETE TERRACE ALIGNMENTS

276 - 277 SPECIAL PLAN 28C HARDSCAPING DETAILS

278 SPECIAL PLAN 29C IRRIGATION DETAILS

279 - 288 SPECIAL PLAN 30C TRAFFIC CONTROL PLANS

289 - 292 SPECIAL PLAN 31C BRIDGE MOUNTED SIGN SUPPORT
STA. 58+41.300

293 SPECIAL PLAN 32C SILT FENCE DETAILS

294 - 295 SPECIAL PLAN 33C CONCRETE PROTECTION BARRIER

296 - 361 SPECIAL PLAN 34C ANTI-ICING SYSTEM A/B

362 SPECIAL PLAN 35C CONCRETE COATING FOR NORTH BRIDGE

R1 - R16 RIGHT-OF-WAY SHEETS

X1 - X175 CROSS SECTIONS

STANDARD PLANS

M301-R1 (3 SHEETS) PAVEMENT DETAILS

M329-R2 (4 SHEETS) 155 TO 405 mm CONCRETE PAVEMENT

M425 COLLARS AND ELBOWS FOR CONCRETE PIPES

M428-R1 CONCRETE PLUGS AND FIELD PIPE TAP DETAILS

M435 (3 SHEETS) MANHOLE

M501-R1 EROSION CONTROL

M710-R1 (2 SHEETS) FENCE DETAILS

M910 SIGNAL FACE CONFIGURATION

M911 SIGNAL MOUNTING

M914 PULL BOX DETAIL

M920 (2 SHEETS) TRAFFIC CONTROL

PROJECT NO. BH-5164(1)

SHEET NO.

1 TITLE PAGE

2S SUMMARY OF QUANTITIES

2A1-2A2 AERIAL PHOTOS PLANS

2H1-2H3 ORIENTATION & ALIGNMENT

3 PLAN & PROFILE SHEET

4 - 23 SPECIAL PLAN 1 PRESTRESSED GIRDER BRIDGE
(NU-1100)
WIDEN & REHAB
STA. 1001+88.490

24 SPECIAL PLAN 1C CONCRETE SHEET PILING

STANDARD PLANS

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)	64,142	m3
WATER	2,010	kL
EARTHWORK MEASURED IN EMBANKMENT	59,676	m3
SAWING PAVEMENT	3,602	m
REMOVE DRIVEWAY	2,148	m2
REMOVE WALK	2,929	m2
REMOVE COMBINATION CURB AND GUTTER	5	m
REMOVE CURB	2,252	m
REMOVE CONCRETE BARRIER	9	m

REMOVE CONCRETE MEDIAN SURFACING	2,740	m2
REMOVE DECORATIVE LIGHT	1	EACH
REMOVE BOLLARD	20	EACH
REMOVE AND SALVAGE IMPACT ATTENUATOR	2	EACH
REMOVE AND SALVAGE INERTIAL BARRIER	1	EACH
CRUSH CONCRETE PAVEMENT	78,425	m2
REMOVE GUARDRAIL	174	m
REM SIGN, STRUCTURE, AND FOUNDATION AT STA. 82+80.7 LT.	1	EACH
COVER CROP SEEDING	7	ha
FABRIC SILT FENCE-LOW POROSITY	4,374	m
FABRIC SILT FENCE-HIGH POROSITY	432	m
600 mm CULV PIPE 3,4,5	22	m

GROUP 1A MSE WALLS

MOBILIZATION	LUMP	LUMP
EXCAVATION (ESTABLISHED QUANTITY)	2,365	m3
CONCRETE DITCH LINING	14	m2
WIREMESH MSE WALL	1,133	m2
WALL MATERIALS	74	m2
TEMPORARY WALL	1	EACH
CONCRETE FACE PANELS	1,411	m2
CAST-IN-PLACE WALL FACING	672	m2
CONCRETE LEVELING PADS	311	m
COMPACTED EARTH LEVELING PAD	24	m
COPING	327	m
600 mm CORRUGATED METAL PIPE	137	m
ANTI-GRAFFITI COATING	LUMP	LUMP
PEDESTRIAN RAIL (CHAIN LINK TYPE)	11	m
CONCRETE COATING	LUMP	LUMP
SPECIAL SURFACE COATING	LUMP	LUMP
1.5 m CHAIN-LINK FENCE	25	m
END POST FOR 1.5 m CH-LINK FENCE	2	EACH
PULL POST FOR 1.5 m CH-LNK FENCE	3	EACH
SELECT GRANULAR BACKFILL FOR MSE WALL	9,259	m3

GROUP 3 CONCRETE PAVEMENT

MOBILIZATION	LUMP	LUMP
RIPRAP FILTER FABRIC	5,448	m2
CRUSHED ROCK SURFACE COURSE	32	Mg
TIE BARS	1,234	EACH
CONC 47B-25 CURB TYPE II	2,464	m
CONC BARRIER CURB SPECIAL	13	m
CONC 47BD-30 BARRIER CURB F-SHAPE	519	m
CONC 47B-25 BARRIER CURB	33	m
CONC 47BD-30 BARRIER TRANS SECTION F-SHAPE BARRIER TO MEDIAN BARRIER	1	EACH
CONC 47BD-30 BARRIER TRANS SECTION F-SHAPE BARRIER TO CURB	2	EACH
CONC 47BD-30 BARRIER TRANS SECTION VERTICAL BARRIER TO CURB	5	EACH
CONC 47BD-30 BARRIER TRANS SECTION TYPE A	1	EACH
CONC 47BD-30 BARRIER TRANS SECTION TYPE B	1	EACH
CONC 47BD-30 BARRIER TRANS SECTION TYPE C	1	EACH
COMB CONC 47B-25 CURB & GUTTER	68	m
CONC 47B-20 SIDEWALKS	2,770	m2
155 mm CONCRETE CLASS 47B-20 BIKEWAY	916	m2
CONC 47B-20 MEDIAN SURFACING	107	m2
CONC 47B-20 IMPRINTED MEDIAN SURF	4,655	m2
150 mm CONC 47B-20 IMPRINTED MEDIAN SURF	1,553	m2
150 mm REINF 47B-20 IMPRINT MEDIAN SURF	3,955	m2

255 mm CONC 47B-20 IMPRINTED MEDIAN SURF	444	m2
INTERLOCKING CONCRETE PAVER BLOCK	6,315	m2
GRASS PAVERS	307	m2
CONC 47B-25 DRIVEWAY	1,858	m2
CONC 47BD-30 MEDIAN BARRIER	362	m
CONC 47BD-30 BARR END SECTION	4	EACH
CONC 47BD-30 MEDIAN BARRER TRANS.SECTION	6	EACH
255 mm CONC PVMT, 47B-25	11,904	m2
255 mm DOWELED CONC PVMT, 47B-25	68,607	m2
TEMPORARY SURFACING	17,301	m2
250 mm		
255 mm DOWELED CONC PVMT, 47B-HE-25	1,229	m2
CONCRETE TERRACE	2,805	m2
STONE PAVING	12,427	m2
TEMPORARY SLOPE PROTECTION	107	m2
TEMP TRAIL COVER	5	EACH
ADJUST MANHOLE TO GRADE	9	EACH
CONCRETE DITCH LINING	311	m2
100 mm PERFORATED PIPE UNDERDRAIN	3,689	m
50 mm P.V.C. PIPE	1,023	m
100 mm CASING	153	m
47BD-30 CONC FOR BARRIER	692	m3
ROCK RIPRAP, TYPE A	2,500	Mg
EPOXY COATED RE-STEEL FOR BARRIER	166,790	kg
CONCRETE COATING	LUMP	LUMP
IMPACT ATTENUATOR	8	EACH
ARROW, PREF PVMT MRKING T-4	68	EACH
ONLY, PREF PVMT MRKING T-4	38	EACH
100 mm WHITE PREF PVMT MRKNG T-4 GROOVED	21,381	m
100 mm YEL PREF PVMT MRKNG, T-4 GROOVED	13,414	m
300 mm WHT PREF PVMT MRKING T-4 GROOVED	2,942	m
600 mm WHITE PREF PVMT MKING T-4 GROOVED	1,015	m
FOUNDATION COURSE	81,740	m2
100 mm		
GRANULAR BACKFILL	1,999	m3
STABILIZED SUBGRADE	81,740	m2
WATER	198	kL
WATER FOR FLY ASH STABILIZATION	1,190	kL
EARTH SHOULDER CONSTRUCTION	57	StaM
MEDIAN CONSTRUCTION	7	StaM
SUBGRADE PREPARATION	1,858	m2
FLY ASH	5,086	Mg
38 mm CONDUIT IN MEDIAN BARRIER	82	m
31 mm CONDUIT IN MEDIAN BARRIER	118	m
SEEDING, TYPE A	2	ha
SEEDING, TYPE B	3	ha
SODDING	7,647	m2
MULCH	9	Mg
HYDROMULCH	6	Mg
WATER SERVICE CONNECTION	11	EACH
METER PIT	3	EACH

GROUP 4 CULVERTS

MOBILIZATION	LUMP	LUMP
RIPRAP FILTER FABRIC	119	m2
ABANDON MANHOLE	5	EACH
REMOVE MANHOLE	17	EACH
REMOVE INLET	97	EACH
CAST IRON COVER & FRAME	8,883	kg
CAST IRON GRATE & FRAME	9,317	kg
CAST IRON RING & COVER	3,432	kg
RECONSTRUCT MANHOLE	2	EACH
MANHOLE	1	EACH
AT STA. 76+97.3		
MANHOLE	1	EACH
AT STA. 82+22		
MANHOLE	1	EACH
AT STA. 82+53.2		

MANHOLE	1 EACH
AT STA. 83+62.4	
MANHOLE	1 EACH
AT STA. 84+00.8	
MANHOLE	1 EACH
AT STA. 84+50	
MANHOLE	1 EACH
AT STA. 85+28.4	
MANHOLE	1 EACH
AT STA. 85+83.4	
MANHOLE	1 EACH
AT STA. 87+11.6	
MANHOLE	1 EACH
AT STA. 87+19.9	
MANHOLE	1 EACH
AT STA. 87+52	
MANHOLE	1 EACH
AT STA. 87+74	
MANHOLE	1 EACH
AT STA. 88+03	
MANHOLE	1 EACH
AT STA. 89+36.2	
MANHOLE	1 EACH
AT STA. 89+85	
MANHOLE	1 EACH
AT STA. 100+36	
MANHOLE	1 EACH
AT STA. 100+75.5	
MANHOLE	1 EACH
AT STA. 100+87.2	
MANHOLE	1 EACH
AT STA. 274+26	
MANHOLE	1 EACH
AT STA. 581+93	
MANHOLE	1 EACH
AT STA. 622+37.8	
MANHOLE	1 EACH
AT STA. 622+81.1	
MANHOLE	1 EACH
AT STA. 678+20.4	
MANHOLE	1 EACH
AT STA. 680+16	
MANHOLE	1 EACH
AT STA. 680+94.1	
MANHOLE	1 EACH
AT STA. 681+31.1	
MANHOLE	1 EACH
AT STA. 681+94.4	
MANHOLE	1 EACH
AT STA. 3009+45.4	
MANHOLE	1 EACH
AT STA. 3010+41.4	
MANHOLE	1 EACH
AT STA. 3011+43.1	
TAPPING EXISTING MANHOLE	3 EACH
TAPPING EXISTING STRUCTURE	13 EACH
TAPPING EXISTING PIPE	1 EACH
REMOVE FLARED- END SECTION	4 EACH
REMOVE SEWER PIPE	3,671 m
OUTLET STRUCTURE	3 EACH
47B-20 CONC FOR INLET & JUNCTION BOXES	355 m3
47B-20 OR AX-20 CONC FOR CONCRETE COLLAR	1 m3
47B-20 OR AX-20 CONC FOR PIPE PLUG	1 m3
RE-STEEL FOR INLET & JCT BOX	20,800 kg
RE-STEEL FOR COLLARS	91 kg
CULVERT SANDFILL	140 m3
JACKING 600MM STORM SEWER PIPE 1 CLS IV	74 m
JACKING 750MM STORM SEWER PIPE 1 CLS IV	34 m
JACKING 1350MM STORM SEWER PIPE 1 CLS IV	88 m
AREA INLET SEDIMENT FILTER	24 EACH

REMOVE STRUCTURE		1 EACH
AT STA. 3008+58.4		
ROCK RIPRAP, TYPE B	81 Mg	
300 mm CULV PIPE 8	469 m	
375 mm CULV PIPE 3,4,5	24 m	
450 mm CULV PIPE 3,4,5	4 m	
750 mm CULV PIPE TYPE 3,4,5	35 m	
375 mm STORM SEWER PIPE 1	526 m	
450 mm STORM SEWER PIPE 1	1,010 m	
600 mm STORM SEWER PIPE 1	1,058 m	
750 mm STORM SEWER PIPE 1	328 m	
1350 mm STORM SEWER PIPE 1	372 m	
1500 mm STORM SEWER PIPE 1	73 m	
600 mm STORM SEWER PIPE 1 CLASS IV	74 m	
750 mm STORM SEWER PIPE 1 CLASS IV	34 m	
1350 mm STORM SEWER PIPE 1 CLASS IV	88 m	

GROUP 6 BRIDGE AT STA. 780+08.432

MOBILIZATION	LUMP	LUMP
RIPRAP FILTER FABRIC	1,103 m2	
CONC FOR PVMT APPROACHES CLASS 47BD-30	233 m3	
EPOXY COATED RE-STEEL FOR PVMT APPROACH	21,047 kg	
ABUTMENT NO.2 EXCAVATION	LUMP	LUMP
A		
ABUTMENT NO. 2 EXCAVATION	LUMP	LUMP
B		
PIER NO.1 EXCAVATION	LUMP	LUMP
PIER NO.2 EXCAVATION	LUMP	LUMP
PIER NO.3 EXCAVATION	LUMP	LUMP
PIER NO.4 EXCAVATION	LUMP	LUMP
PIER NO.5 EXCAVATION	LUMP	LUMP
PIER NO.10 EXCAVATION	LUMP	LUMP
PIER NO.11 EXCAVATION	LUMP	LUMP
PIER NO.12 EXCAVATION	LUMP	LUMP
PIER NO. 13 EXCAVATION	LUMP	LUMP
PIER NO. 14 EXCAVATION	LUMP	LUMP
PIER NO. 15 EXCAVATION	LUMP	LUMP
PIER NO. 16 EXCAVATION	LUMP	LUMP
PIER NO. 17 EXCAVATION	LUMP	LUMP
PIER NO. 18 EXCAVATION	LUMP	LUMP
PIER NO. 19 EXCAVATION	LUMP	LUMP
PIER NO. 20 EXCAVATION	LUMP	LUMP
PIER NO. 21 EXCAVATION	LUMP	LUMP
PIER NO. 22 EXCAVATION	LUMP	LUMP
PIER NO. 23 EXCAVATION	LUMP	LUMP
PIER NO. 24 EXCAVATION	LUMP	LUMP
PIER NO. 25 EXCAVATION	LUMP	LUMP
PIER NO. 26 EXCAVATION	LUMP	LUMP
PIER NO. 27 EXCAVATION	LUMP	LUMP
PIER NO. 28 EXCAVATION	LUMP	LUMP
PIER NO. 29 EXCAVATION	LUMP	LUMP
PIER NO. 30 EXCAVATION	LUMP	LUMP
PIER NO. 31 EXCAVATION	LUMP	LUMP
PIER NO. 32 EXCAVATION	LUMP	LUMP
PIER NO. 33 EXCAVATION	LUMP	LUMP
PIER NO. 34 EXCAVATION	LUMP	LUMP
PIER NO. 35 EXCAVATION	LUMP	LUMP
PIER NO. 36 EXCAVATION	LUMP	LUMP
PIER NO. 37 EXCAVATION	LUMP	LUMP
PIER NO. 38 EXCAVATION	LUMP	LUMP
PIER NO. 39 EXCAVATION	LUMP	LUMP
A		
PIER NO. 39 EXCAVATION	LUMP	LUMP
B		
PIER NO. 40 EXCAVATION	LUMP	LUMP
A		
PIER NO. 40 EXCAVATION	LUMP	LUMP
B		
DECK JOINT SEAL, TYPE III	74 m	

EXPANSION BEARING, TFE TYPE	288	EACH
FIXED BEARING DVC, TYPE I	2	EACH
FIXED BEARING	98	EACH
47B-20 CONC FOR BRIDGE	7,920	m3
47BD-30 CONC FOR BRIDGE	9,089	m3
47BD-35 CONC FOR BRIDGE	139	m3
PRECAST/PRESTRESSED CONC SUPERSTR	LUMP	LUMP
AT STA. 780+08.432		
STEEL DIAPHRAGM	70	EACH
BROKEN CONCRETE RIPRAP	15	Mg
ROCK RIPRAP, TYPE B	1,056	Mg
CONCRETE SLOPE PROTECTION	595	m2
EPOXY COATED RE-STEEL	2,111,474	kg
SUBSURFACE DRAINAGE MATTING	171	m2
HP 310 mm X 79 kg STEEL PILING	15,782	m
HP 360 mm X 132 kg STEEL PILING	1,658	m
SOCKET	142	m
1220 mm		
SOCKET	38	m
1370 mm		
DRILLED SHAFT	141	m
1370 mm		
DRILLED SHAFT	66	m
1520 mm		
DRAINAGE SYSTEM	1	EACH
AT STA. 780+08.432		
TEMP BRIDGE SHORING	LUMP	LUMP
19 mm CONDUIT IN BRIDGE	3,360	m
31 mm CONDUIT IN BRIDGE	3,125	m
CONCRETE COATING	LUMP	LUMP
AT STA. 780+08.432		
STRIP SEALS	79	m
GRANULAR BACKFILL	445	m3
GROUP 6A BRIDGE AT STA. 780+08.432		
MOBILIZATION	LUMP	LUMP
RIPRAP FILTER FABRIC	1,103	m2
CONC FOR PVMT APPROACHES CLASS 47BD-30	233	m3
EPOXY COATED RE-STEEL FOR PVMT APPROACH	21,047	kg
ABUTMENT NO.2 EXCAVATION	LUMP	LUMP
A		
ABUTMENT NO. 2 EXCAVATION	LUMP	LUMP
B		
PIER NO.1 EXCAVATION	LUMP	LUMP
PIER NO.2 EXCAVATION	LUMP	LUMP
PIER NO.3 EXCAVATION	LUMP	LUMP
PIER NO.4 EXCAVATION	LUMP	LUMP
PIER NO.10 EXCAVATION	LUMP	LUMP
PIER NO.11 EXCAVATION	LUMP	LUMP
PIER NO.12 EXCAVATION	LUMP	LUMP
PIER NO. 13 EXCAVATION	LUMP	LUMP
PIER NO. 14 EXCAVATION	LUMP	LUMP
PIER NO. 15 EXCAVATION	LUMP	LUMP
PIER NO. 16 EXCAVATION	LUMP	LUMP
PIER NO. 17 EXCAVATION	LUMP	LUMP
PIER NO. 18 EXCAVATION	LUMP	LUMP
PIER NO. 19 EXCAVATION	LUMP	LUMP
PIER NO. 20 EXCAVATION	LUMP	LUMP
PIER NO. 21 EXCAVATION	LUMP	LUMP
PIER NO. 22 EXCAVATION	LUMP	LUMP
PIER NO. 23 EXCAVATION	LUMP	LUMP
PIER NO. 24 EXCAVATION	LUMP	LUMP
PIER NO. 25 EXCAVATION	LUMP	LUMP
PIER NO. 26 EXCAVATION	LUMP	LUMP
PIER NO. 27 EXCAVATION	LUMP	LUMP
PIER NO. 28 EXCAVATION	LUMP	LUMP
PIER NO. 29 EXCAVATION	LUMP	LUMP
PIER NO. 30 EXCAVATION	LUMP	LUMP
PIER NO. 31 EXCAVATION	LUMP	LUMP
PIER NO. 32 EXCAVATION	LUMP	LUMP

PIER NO. 33 EXCAVATION	LUMP	LUMP
PIER NO. 34 EXCAVATION	LUMP	LUMP
PIER NO. 35 EXCAVATION	LUMP	LUMP
PIER NO. 36 EXCAVATION	LUMP	LUMP
PIER NO. 37 EXCAVATION	LUMP	LUMP
PIER NO. 38 EXCAVATION	LUMP	LUMP
PIER NO. 39 EXCAVATION	LUMP	LUMP
A		
PIER NO. 39 EXCAVATION	LUMP	LUMP
B		
PIER NO. 40 EXCAVATION	LUMP	LUMP
A		
PIER NO. 40 EXCAVATION	LUMP	LUMP
B		
DECK JOINT SEAL, TYPE II		15 m
DECK JOINT SEAL, TYPE III		74 m
EXPANSION BEARING, TFE TYPE		180 EACH
FIXED BEARING		46 EACH
GUIDED BEARING DVC, TYPE II		2 EACH
47B-20 CONC FOR BRIDGE		7,528 m3
47BD-30 CONC FOR BRIDGE		7,891 m3
STEEL SUPERSTRUCTURE	LUMP	LUMP
AT STA. 780+08.432		
STRUC STEEL FOR SUBSTRUCTURE		38,570 kg
BROKEN CONCRETE RIPRAP		15 Mg
ROCK RIPRAP, TYPE B		1,056 Mg
CONCRETE SLOPE PROTECTION		595 m2
EPOXY COATED RE-STEEL	1,801,900 kg	
SUBSURFACE DRAINAGE MATTING		171 m2
HP 310 mm X 79 kg STEEL PILING		13,402 m
HP 360 mm X 132 kg STEEL PILING		1,451 m
SOCKET		137 m
1220 mm		
SOCKET		24 m
1370 mm		
DRILLED SHAFT		142 m
1370 mm		
DRILLED SHAFT		66 m
1520 mm		
DRAINAGE SYSTEM		1 EACH
AT STA. 780+08.432		
TEMP BRIDGE SHORING	LUMP	LUMP
19 mm CONDUIT IN BRIDGE		3,360 m
31 mm CONDUIT IN BRIDGE		3,125 m
CONCRETE COATING	LUMP	LUMP
AT STA. 780+08.432		
STRIP SEALS		63 m
GRANULAR BACKFILL		445 m3

GROUP 6B BRIDGE AT STA. 879+72.083

MOBILIZATION	LUMP	LUMP
RIPRAP FILTER FABRIC		2,527 m2
CONC FOR PVMT APPROACHES CLASS 47BD-30		238 m3
EPOXY COATED RE-STEEL FOR PVMT APPROACH		21,451 kg
ABUTMENT NO.2 EXCAVATION	LUMP	LUMP
A		
ABUTMENT NO. 2 EXCAVATION	LUMP	LUMP
B		
PIER NO.1 EXCAVATION	LUMP	LUMP
PIER NO.2 EXCAVATION	LUMP	LUMP
PIER NO.3 EXCAVATION	LUMP	LUMP
PIER NO.4 EXCAVATION	LUMP	LUMP
PIER NO.5 EXCAVATION	LUMP	LUMP
PIER NO.6 EXCAVATION	LUMP	LUMP
PIER NO.10 EXCAVATION	LUMP	LUMP
PIER NO.11 EXCAVATION	LUMP	LUMP
PIER NO.12 EXCAVATION	LUMP	LUMP
PIER NO. 13 EXCAVATION	LUMP	LUMP
PIER NO. 14 EXCAVATION	LUMP	LUMP

PIER NO. 15 EXCAVATION	LUMP	LUMP
PIER NO. 16 EXCAVATION	LUMP	LUMP
PIER NO. 17 EXCAVATION	LUMP	LUMP
PIER NO. 18 EXCAVATION	LUMP	LUMP
PIER NO. 19 EXCAVATION	LUMP	LUMP
PIER NO. 20 EXCAVATION	LUMP	LUMP
PIER NO. 21 EXCAVATION	LUMP	LUMP
PIER NO. 22 EXCAVATION	LUMP	LUMP
PIER NO. 23 EXCAVATION	LUMP	LUMP
PIER NO. 24 EXCAVATION	LUMP	LUMP
PIER NO. 25 EXCAVATION	LUMP	LUMP
PIER NO. 26 EXCAVATION	LUMP	LUMP
PIER NO. 27 EXCAVATION	LUMP	LUMP
PIER NO. 28 EXCAVATION	LUMP	LUMP
PIER NO. 29 EXCAVATION	LUMP	LUMP
PIER NO. 30 EXCAVATION	LUMP	LUMP
PIER NO. 31 EXCAVATION	LUMP	LUMP
PIER NO. 32 EXCAVATION	LUMP	LUMP
PIER NO. 33 EXCAVATION	LUMP	LUMP
PIER NO. 34 EXCAVATION	LUMP	LUMP
PIER NO. 35 EXCAVATION	LUMP	LUMP
PIER NO. 36 EXCAVATION	LUMP	LUMP
PIER NO. 37 EXCAVATION	LUMP	LUMP
A		
PIER NO. 37 EXCAVATION	LUMP	LUMP
B		
PIER NO. 38 EXCAVATION	LUMP	LUMP
A		
PIER NO. 38 EXCAVATION	LUMP	LUMP
B		
PIER NO. 39 EXCAVATION	LUMP	LUMP
A		
PIER NO. 39 EXCAVATION	LUMP	LUMP
B		
DECK JOINT SEAL, TYPE II		41 m
DECK JOINT SEAL, TYPE III		43 m
DECK JOINT SEAL, TYPE IV		15 m
EXPANSION BEARING, TFE TYPE		300 EACH
FIXED BEARING DVC, TYPE I		2 EACH
FIXED BEARING		98 EACH
GUIDED BEARING DVC, TYPE II		2 EACH
47B-20 CONC FOR BRIDGE		8,480 m3
47BD-30 CONC FOR BRIDGE		9,575 m3
47BD-35 CONC FOR BRIDGE		222 m3
PRECAST/PRESTRESSED CONC SUPERSTR	LUMP	LUMP
AT STA. 879+72.083		
STEEL DIAPHRAGM		64 EACH
BROKEN CONCRETE RIPRAP		10 Mg
ROCK RIPRAP, TYPE B		2,407 Mg
CONCRETE SLOPE PROTECTION		647 m2
EPOXY COATED RE-STEEL		2,289,565 kg
SUBSURFACE DRAINAGE MATTING		180 m2
HP 310 mm X 79 kg STEEL PILING		19,006 m
HP 360 mm X 132 kg STEEL PILING		1,658 m
SOCKET		87 m
1220 mm		
SOCKET		68 m
1370 mm		
DRILLED SHAFT		78 m
1370 mm		
DRILLED SHAFT		52 m
1520 mm		
DRAINAGE SYSTEM		1 EACH
AT STA. 879+72.083		
TEMP BRIDGE SHORING	LUMP	LUMP
19 mm CONDUIT IN BRIDGE		3,370 m
31 mm CONDUIT IN BRIDGE		3,315 m
CONCRETE COATING	LUMP	LUMP
AT STA. 879+72.083		
STRIP SEALS		40 m

GRANULAR BACKFILL

440 m3

GROUP 6C BRIDGE AT STA. 879+72.083

MOBILIZATION	LUMP	LUMP
RIPRAP FILTER FABRIC	2,527	m2
CONC FOR PVMT APPROACHES CLASS 47BD-30	238	m3
EPOXY COATED RE-STEEL FOR PVMT APPROACH	21,451	kg
ABUTMENT NO.2 EXCAVATION	LUMP	LUMP
A		
ABUTMENT NO. 2 EXCAVATION	LUMP	LUMP
B		
PIER NO.1 EXCAVATION	LUMP	LUMP
PIER NO.2 EXCAVATION	LUMP	LUMP
PIER NO.3 EXCAVATION	LUMP	LUMP
PIER NO.4 EXCAVATION	LUMP	LUMP
PIER NO.5 EXCAVATION	LUMP	LUMP
PIER NO.10 EXCAVATION	LUMP	LUMP
PIER NO.11 EXCAVATION	LUMP	LUMP
PIER NO.12 EXCAVATION	LUMP	LUMP
PIER NO. 13 EXCAVATION	LUMP	LUMP
PIER NO. 14 EXCAVATION	LUMP	LUMP
PIER NO. 15 EXCAVATION	LUMP	LUMP
PIER NO. 16 EXCAVATION	LUMP	LUMP
PIER NO. 17 EXCAVATION	LUMP	LUMP
PIER NO. 18 EXCAVATION	LUMP	LUMP
PIER NO. 19 EXCAVATION	LUMP	LUMP
PIER NO. 20 EXCAVATION	LUMP	LUMP
PIER NO. 21 EXCAVATION	LUMP	LUMP
PIER NO. 22 EXCAVATION	LUMP	LUMP
PIER NO. 23 EXCAVATION	LUMP	LUMP
PIER NO. 24 EXCAVATION	LUMP	LUMP
PIER NO. 25 EXCAVATION	LUMP	LUMP
PIER NO. 26 EXCAVATION	LUMP	LUMP
PIER NO. 27 EXCAVATION	LUMP	LUMP
PIER NO. 28 EXCAVATION	LUMP	LUMP
PIER NO. 29 EXCAVATION	LUMP	LUMP
PIER NO. 30 EXCAVATION	LUMP	LUMP
PIER NO. 31 EXCAVATION	LUMP	LUMP
PIER NO. 32 EXCAVATION	LUMP	LUMP
PIER NO. 33 EXCAVATION	LUMP	LUMP
PIER NO. 34 EXCAVATION	LUMP	LUMP
PIER NO. 35 EXCAVATION	LUMP	LUMP
PIER NO. 36 EXCAVATION	LUMP	LUMP
PIER NO. 37 EXCAVATION	LUMP	LUMP
A		
PIER NO. 37 EXCAVATION	LUMP	LUMP
B		
PIER NO. 38 EXCAVATION	LUMP	LUMP
A		
PIER NO. 38 EXCAVATION	LUMP	LUMP
B		
PIER NO. 39 EXCAVATION	LUMP	LUMP
A		
PIER NO. 39 EXCAVATION	LUMP	LUMP
B		
DECK JOINT SEAL, TYPE II	57	m
DECK JOINT SEAL, TYPE III	29	m
DECK JOINT SEAL, TYPE IV	30	m
EXPANSION BEARING, TFE TYPE	181	EACH
FIXED BEARING	41	EACH
GUIDED BEARING DVC, TYPE II	4	EACH
47B-20 CONC FOR BRIDGE	8,017	m3
47BD-30 CONC FOR BRIDGE	8,394	m3
STEEL SUPERSTRUCTURE	LUMP	LUMP
AT STA. 879+72.083		
STRUC STEEL FOR SUBSTRUCTURE	55,450	kg
BROKEN CONCRETE RIPRAP	10	Mg
ROCK RIPRAP, TYPE B	2,407	Mg
CONCRETE SLOPE PROTECTION	647	m2

EPOXY COATED RE-STEEL	1,923,591	kg
SUBSURFACE DRAINAGE MATTING	180	m2
HP 310 mm X 79 kg STEEL PILING	15,901	m
HP 360 mm X 132 kg STEEL PILING	1,451	m
SOCKET	87	m
1220 mm		
SOCKET	52	m
1370 mm		
DRILLED SHAFT	79	m
1370 mm		
DRILLED SHAFT	52	m
1520 mm		
DRAINAGE SYSTEM	1	EACH
AT STA. 879+72.083		
TEMP BRIDGE SHORING	LUMP	LUMP
19 mm CONDUIT IN BRIDGE	3,370	m
31 mm CONDUIT IN BRIDGE	3,315	m
CONCRETE COATING	LUMP	LUMP
AT STA. 879+72.083		
STRIP SEALS	24	m
GRANULAR BACKFILL	440	m3

GROUP 6D BRIDGE AT STA. 3001+99.455

MOBILIZATION	LUMP	LUMP
EXCAVATION (ESTABLISHED QUANTITY)	275	m3
CONC FOR PVMT APPROACHES CLASS 47BD-30	118	m3
EPOXY COATED RE-STEEL FOR PVMT APPROACH	11,086	kg
ABUTMENT NO.1 EXCAVATION	LUMP	LUMP
ABUTMENT NO.2 EXCAVATION	LUMP	LUMP
PIER NO.1 EXCAVATION	LUMP	LUMP
EXPANSION BEARING, TFE TYPE	12	EACH
FIXED BEARING	4	EACH
47B-20 CONC FOR BRIDGE	249	m3
47BD-30 CONC FOR BRIDGE	346	m3
STEEL SUPERSTRUCTURE	LUMP	LUMP
AT STA. 3001+99.455		
STRUC STEEL FOR SUBSTRUCTURE	970	kg
FLOOR DRAINS	2	EACH
EPOXY COATED RE-STEEL	76,918	kg
SUBSURFACE DRAINAGE MATTING	63	m2
HP 310 mm X 79 kg STEEL PILING	528	m
SOCKET	40	m
1220 mm		
DRILLED SHAFT	43	m
1370 mm		
STEEL SHEET PILING	172	m2
TEMP BRIDGE SHORING	LUMP	LUMP
31 mm CONDUIT IN BRIDGE	85	m
CONCRETE COATING	LUMP	LUMP
AT STA. 3001+99.455		
STRIP SEALS	18	m
GRANULAR BACKFILL	190	m3

GROUP 6E BRIDGE AT STA. 86+88.67

MOBILIZATION	LUMP	LUMP
CONC FOR PVMT APPROACHES CLASS 47BD-30	17	m3
EPOXY COATED RE-STEEL FOR PVMT APPROACH	2,505	kg
PRECOMPRESSED POLY FOAM JOINT	1	m
47BD-30 CONC FOR BRIDGE	39	m3
PREP BRIDGE	1	EACH
AT STA. 86+88.67		
EPOXY COATED RE-STEEL	4,855	kg
38 mm CONDUIT IN BRIDGE	110	m
CONCRETE COATING	LUMP	LUMP
AT STA. 86+88.67		

GROUP 6F BRIDGE AT STA. 1001+88.49

MOBILIZATION	LUMP	LUMP
RIPRAP FILTER FABRIC		52 m2
CONC FOR PVMT APPROACHES CLASS 47BD-30		249 m3
EPOXY COATED RE-STEEL FOR PVMT APPROACH		19,196 kg
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		47 m
ELASTOMERIC BEARING		32 EACH
EXPANSION BEARING, TFE TYPE		16 EACH
47B-20 CONC FOR BRIDGE		253 m3
47BD-30 CONC FOR BRIDGE		523 m3
PRECAST/PRESTRESSED CONC SUPERSTR	LUMP	LUMP
AT STA. 1001+88.49		
PREP BRIDGE		1 EACH
AT STA. 1001+88.49		
BROKEN CONCRETE RIPRAP		28 Mg
EPOXY COATED RE-STEEL		81,844 kg
SUBSURFACE DRAINAGE MATTING		134 m2
HP 310 mm X 79 kg STEEL PILING		798 m
CONCRETE SHEET PILING		54 m2
1.8 m PEDESTRIAN RAIL (CHAIN LINK TYPE)		95 m
TEMP BRIDGE SHORING	LUMP	LUMP
31 mm CONDUIT IN BRIDGE		211 m
CONCRETE COATING	LUMP	LUMP
AT STA. 1001+88.49		
GRANULAR BACKFILL		400 m3

GROUP 8 SPECIALTY

MOBILIZATION	LUMP	LUMP
INSTALL ANTI-ICING SYSTEM		1 EACH
ANTI-ICING SYSTEM		1 EACH

GROUP 8B ELECTRICAL

TEMPORARY TRAFFIC SIGNAL		1 EACH
AT 120th & DAVENPORT		
TEMPORARY TRAFFIC SIGNAL		1 EACH
AT 120th & WEBSTER		
TEMPORARY TRAFFIC SIGNAL		1 EACH
AT 114th & DODGE		
TEMPORARY TRAFFIC SIGNAL		1 EACH
AT SOUTHBRIDGE ROAD & DODGE		
TEMPORARY TRAFFIC SIGNAL		1 EACH
AT SOUTHBRIDGE ROAD (NORTH) & DODGE		
TEMPORARY TRAFFIC SIGNAL		1 EACH
AT SOUTHBRIDGE ROAD(SOUTH) & SOUTHBRIDGE		
MOBILIZATION	LUMP	LUMP
CONCRETE PAD		3 EACH
FOR PADMOUNT TRANSFORMER		
INSTALL OVERHEAD SIGN		23 EACH
INSTALL TRAFFIC SIGN & POST		19 EACH
STREET NAME SIGN		12 EACH
FIBER OPTIC SIGN		8 EACH
PULL BOX, TYPE PB-5		41 EACH
PULL BOX, TYPE PB-6		39 EACH
JUNCTION BOX		9 EACH
TYPE A		
JUNCTION BOX		146 EACH
TYPE B		
JUNCTION BOX		14 EACH
TYPE C		
EMERGENCY VEHICLE PREEMPT SYSTEM		1 EACH
AT 120th & WEBSTER(TEMPORARY)		
EMERGENCY VEHICLE PREEMPT SYSTEM		1 EACH
AT 114th & DODGE(TEMPORARY)		

EMERGENCY VEHICLE PREEMPT SYSTEM	1 EACH
AT SOUTH BRIDGE ROAD & DODGE(TEMPORARY)	
EMERGENCY VEHICLE PREEMPT SYSTEM	1 EACH
AT 120th & DODGE	
EMERGENCY VEHICLE PREEMPT SYSTEM	1 EACH
AT NORTH BRIDGE ROAD & DODGE	
EMERGENCY VEHICLE PREEMPT SYSTEM	1 EACH
AT 120th & DAVENPORT STREET(TEMPORARY)	
EMERGENCY VEHICLE PREEMPT SYSTEM	1 EACH
AT 120th & WEBSTER	
EMERGENCY VEHICLE PREEMPT SYSTEM	1 EACH
AT 114th & DODGE	
EMERGENCY VEHICLE PREEMPT SYSTEM	1 EACH
AT SOUTH BRIDGE ROAD & DODGE	
TRAFFIC SIGNAL, TYPE TS-1	6 EACH
WITH TUNNEL VISOR	
TRAFFIC SIGNAL, TYPE TS-1	33 EACH
TRAFFIC SIGNAL, TYPE TS-1A	11 EACH
TRAFFIC SIGNAL, TYPE TS-1L	17 EACH
TRAFFIC SIGNAL, TYPE TS-1RR	8 EACH
TRAF SIG CONTROL, TYPE TC-170	5 EACH
PEDESTRIAN SIGNAL, TYPE PS-1	24 EACH
PEDESTRIAN PUSHBUTTON, PPB	20 EACH
PEDESTAL POLE, TYPE PP-6.1	3 EACH
PEDESTAL POLE, TYPE PP-3.0	2 EACH
ST LIGHT UNIT SL-S-12.2-0-0.20	136 EACH
ST LIGHT UNIT SL-BT-12.2-0-0.20	38 EACH
ST LIGHT UNIT SL-S-12.2-0-0-0.20	45 EACH
LUMINAIRE, TYPE HPS-200	4 EACH
LUMINAIRE, TYPE HPS-400	1 EACH
UNDERDECK LUMINAIRE, TYPE UD-70	31 EACH
(L5)	
UNDERDECK LUMINAIRE, TYPE UD-70	146 EACH
(L8)	
UNDERDECK LUMINAIRE, TYPE UD-200	52 EACH
UNDERDECK LUMINAIRE, TYPE UD-150	25 EACH
LUMINAIRE, TYPE WL-70	9 EACH
MEDALLION LIGHT	215 EACH
C.M.A. SIG & LGHT POLE, CMP-15.5-3.7	2 EACH
C.M.A. SIG & LGHT POLE, CMP-18.5-3.7	2 EACH
MAST ARM SIGNAL POLE, MP-14	1 EACH
MAST ARM SIGNAL POLE, MP-17	1 EACH
MAST ARM SIGNAL POLE, MP-18.5	2 EACH
MAST ARM SIGNAL POLE, MP-20	3 EACH
LIGHTING CONTROL CENTER, R-2	3 EACH
SIGNAL STRUCTURE	1 EACH
TYPE 66	
SERVICE DISCONNECT PEDESTAL	4 EACH
TELEPHONE DROP	2 EACH
19 mm PVC COATED GRS CONDUIT	70 m
31 mm CONDUIT IN TRENCH	2,625 m
19 mm CONDUIT IN TRENCH	10 m
38 mm CONDUIT IN TRENCH	904 m
50 mm CONDUIT IN TRENCH	869 m
75 mm CONDUIT IN TRENCH	1,034 m
100 mm CONDUIT IN TRENCH	7 m
31 mm CONDUIT UNDER ROADWAY	294 m
38 mm CONDUIT UNDER ROADWAY	60 m
50 mm CONDUIT UNDER ROADWAY	733 m
75 mm CONDUIT UNDER ROADWAY	814 m
75 mm CONDUIT UNDER SIDEWALK	734 m
50 mm CONDUIT, JACKED	342 m
75 mm CONDUIT, JACKED	527 m
7/C #14 AWG TRAF SIG CABLE	107 m
16/C #14 AWG TRAF SIG CABLE	548 m
2/C #16 AWG PED PBUTTON LEAD-IN CABLE	906 m
COAX CABLE	1,810 m
GROUNDING CONDUCTOR	479 m
SERVICE CABLE	240 m
STREET LIGHT CABLE, NO. 4 USE	1,264 m

STREET LIGHT CABLE, NO. 3 USE	6,350	m
STREET LIGHT CABLE, NO. 6 3/C	117	m
STREET LIGHT CABLE, NO. 8 BARE	2,110	m
STREET LIGHT CABLE, NO. 8 USE	38,804	m
STREET LIGHT CABLE, NO. 10 USE	463	m
STREET LIGHT CABLE, NO. 10 BARE	9,838	m
STREET LIGHT CABLE, NO. 12 BARE	6,775	m
STREET LIGHT CABLE, NO. 12 USE	12,829	m
6 PAIR COMMUNICATION CABLE	4,684	m
2 PAIR COMMUNICATION CABLE	1,810	m
MODIFY	4	EACH
TEMPORARY TRAFFIC SIGNAL		
INST TRAF SIG CONTROLLER, TC-170	2	EACH
INSTALL LUMINAIRE	4	EACH
REMOVE LIGHTING UNIT	43	EACH
REMOVE TRAFFIC SIGNAL	1	EACH
AT 120th & DODGE		
REMOVE TRAFFIC SIGNAL	1	EACH
AT 120th & WEBSTER		
REMOVE TRAFFIC SIGNAL	1	EACH
AT 114th & DODGE		
REMOVE TRAFFIC SIGNAL	1	EACH
AT SOUTH BRIDGE ROAD & DODGE		
REMOVE LIGHTING CONTROL CENTER	5	EACH
REMOVE HIGH MAST LIGHTING UNIT	7	EACH
SURVEILLANCE CAMERA SYSTEM	3	EACH
WIDE-AREA VIDEO VEHICLE DETECT SYSTEM	LUMP	LUMP
AT 120th & DODGE		
WIDE-AREA VIDEO VEHICLE DETECT SYSTEM	LUMP	LUMP
AT 120th & WEBSTER(TEMPORARY)		
WIDE-AREA VIDEO VEHICLE DETECT SYSTEM	LUMP	LUMP
AT 114th & DODGE(TEMPORARY)		
WIDE-AREA VIDEO VEHICLE DETECT SYSTEM	LUMP	LUMP
AT NORTH BRIDGE ROAD & DODGE		
WIDE-AREA VIDEO VEHICLE DETECT SYSTEM	LUMP	LUMP
AT SOUTH BRIDGE ROAD & DODGE		
WIDE-AREA VIDEO VEHICLE DETECT SYSTEM	LUMP	LUMP
AT 120th & WEBSTER		
WIDE-AREA VIDEO VEHICLE DETECT SYSTEM	LUMP	LUMP
AT 114th & DODGE		
TEMP LIGHTING SYSTEM, TYPE	1	EACH
A		
TEMP LIGHTING SYSTEM, TYPE	1	EACH
B		
TEMP LIGHTING SYSTEM, TYPE	1	EACH
C		
TEMP LIGHTING SYSTEM	1	EACH
TYPE D		
TEMP LIGHTING SYSTEM	1	EACH
TYPE E		
TEMP LIGHTING SYSTEM	1	EACH
TYPE F		
MAINTENANCE OF LIGHTING UNITS	1,595	DAY
GROUP 8C SIGNING		
MOBILIZATION	LUMP	LUMP
OVERHEAD SIGN SUPPORT, LOCATION	1	EACH
1		
OVERHEAD SIGN SUPPORT, LOCATION	1	EACH
2		
OVERHEAD SIGN SUPPORT, LOCATION	1	EACH
3		
OVERHEAD SIGN SUPPORT, LOCATION	1	EACH
4		
OVERHEAD SIGN SUPPORT, LOCATION	1	EACH
5		
OVERHEAD SIGN SUPPORT, LOCATION	1	EACH
6		

OVERHEAD SIGN SUPPORT, LOCATION 7	1 EACH
OVERHEAD SIGN SUPPORT, LOCATION 8	1 EACH
OVERHEAD SIGN SUPPORT, LOCATION 9	1 EACH
OVERHEAD SIGN SUPPORT, LOCATION 10	1 EACH
OVERHEAD SIGN SUPPORT, LOCATION 11	1 EACH
OVERHEAD SIGN SUPPORT, LOCATION 12	1 EACH
OVERHEAD SIGN SUPPORT, LOCATION 13	1 EACH
OVERHEAD SIGN SUPPORT, LOCATION 14	1 EACH
OVERHEAD SIGN SUPPORT, LOCATION 15	1 EACH
TYPE B SIGN	383 m2
LUMINAIRE, TYPE HPS-150	32 EACH

GROUP 10 GENERAL ITEMS

BARRICADE, TYPE II	1,180,348 BDAY
BARRICADE, TYPE III	172,106 BDAY
TEMPORARY SIGN DAY	16,284 EACH
SIGN DAY	182,908 EACH
CONTRACTOR FURNISHED SIGN DAY	130,876 EACH
PAVEMENT MARKING REMOVAL	3,522 m
TEMP PVMT MARKING, TYPE PAINT	99,498 m
TEMP PVMT MARKING SURF PREP	99,498 m
TUBULAR POST	212 EACH
FLASHING ARROW PANEL	4,800 DAY
CHANGEABLE MESSAGE SIGN	11,165 DAY
FLAGGING	100 DAY
CONCRETE PROTECTION BARRIER	381 m
INSTALL CONC PROTECT BARRIER	1,953 m
RELOCATE CONC PROTECTION BARRIER	4,072 m
RELOC INERTIAL BARRIER SYSTEM	2 EACH
INERTIAL BARRIER SYSTEM	3 EACH
TRAFFIC CONTROL MANAGEMENT	1,595 DAY
FIELD OFFICE	1 EACH
TRAINING	5,000 HOUR
MOBILIZATION	LUMP LUMP
CONSTRUCTION STAKING AND SURVEYING	LUMP LUMP
CONCRETE COATING	LUMP LUMP
AT STA. 3001+22.745	
TEMP IMPACT ATTENUATOR	5 EACH
RELOCATE IMPACT ATTENUATOR	4 EACH
TEMPORARY FENCE	1,450 m
RENTAL OF LOADER, FULLY OPERATED	150 HOUR
RENTAL OF MOTOR GRADER, FULLY OPERATED	10 HOUR
RENTAL OF DUMP TRUCK, FULLY OPERATED	150 HOUR
RENTAL OF SKID LOADER, FULLY OPERATED	150 HOUR
RENT CRAWLER MNTED HYD EXCAVATOR, F.O.	150 HOUR
TEMPORARY SILT CHECK	100 m