

CONDUIT AND WIRE SCHEDULE

CONDUIT		FROM	TO	CONDUCTORS			
NO.	SIZE			ACTIVE	GROUND	SPARES	REMARKS
C178	3/4"	CONDUIT BODY (1")	ZS-MBSWNR	4 #12	-	-	ZS-MBSWNR
C179	3/4"	CONDUIT BODY (1")	ZS-MBSWNMR	4 #12	-	-	ZS-MBSWNMR
C180	1 1/2"	JBOX JS	JBOX JU	20 #12	1 #12	4 #12	SEE C181, C182, C185, C187, C292
C181	3/4"	JBOX JU	ZS-SWFO	4 #12	-	-	ZS-SWFO
C182	1"	JBOX JU	CONDUIT BODY (1")	8 #12	-	-	ZS-SWNC, ZS-SWNO
C183	3/4"	CONDUIT BODY (1")	ZS-SWNC	4 #12	-	-	ZS-SWNC
C184	3/4"	CONDUIT BODY (1")	ZS-SWNO	4 #12	-	-	ZS-SWNO
C185	1"	JBOX JU	CONDUIT BODY (1")	6 #12	1 #12	-	ZS-SWFC, ZS-SWFO2
C186	3/4"	CONDUIT BODY (1")	ZS-SWFC	4 #12	-	-	ZS-SWFC
C187	3/4"	CONDUIT BODY (1")	ZS-SWFO2	2 #12	-	-	ZS-SWFO2
C188	3/4"	JBOX JQ	ZT-SW	TSP #14	1 #12	-	ZT-SW
C189	1 1/4"	DROP 8 SW IO CABINET	DV-SW-N DRIVE 1	3 TSP #14	1 #12	2 TSP #14	ANALOG INPUTS FOR MOTOR VOLTS, AMPS AND RPM
C190	2"	DROP 8 SW IO CABINET	DV-SW-N DRIVE 1	16 #12	1 #12	2 #12	SEE DWGS. E-87, E-97, E-119
C191	1 1/4"	DROP 8 SW IO CABINET	DV-SW-S DRIVE 2	3 TSP #14	1 #12	2 TSP #14	ANALOG INPUTS FOR MOTOR VOLTS, AMPS AND RPM
C192	2"	DROP 8 SW IO CABINET	DV-SW-S DRIVE 2	16 #12	1 #8	12 #12	SEE DWGS. E-87, E-98, E-119
C193	1 1/4"	DV-SW-N DRIVE 1	DV-SW-S DRIVE 2	5 #12	1 #12	10 #12	SW LEAF FULL SEATED, FULL CLOSED, NEAR CLOSED, NEAR OPEN, FULL OPEN
C194	1 1/4"	DV-SW-N DRIVE 1	JBOX JN	CABLE FURNISHED BY FLUX VECTOR DRIVE MANUFACTURER	1 #10	-	SW-N DRIVE MOTOR ENCODER
C195	1 1/4"	JBOX JN	SW-N DRIVE MOTOR ENCODER	CABLE FURNISHED BY FLUX VECTOR DRIVE MANUFACTURER	1 #10	-	SW-N DRIVE MOTOR ENCODER
C196	2 1/2"	NE DROP 3 IO & RELAY CABINET	MCC-WB-1	34#12	1#12	20#12	SEE DWGS E-111 AND E-114
C197	3"	NE DROP 3 IO & RELAY CABINET	CONDUIT BODY (3")	32#12	1#12	24#12	SEE DWGS E-104, E-105, E-115, E-116
C198	2"	NE DROP 3 IO & RELAY CABINET	CONDUIT BODY (2")	6TSP#14	1#12	4TSP#14	ANALOG INPUTS FOR MOTOR VOLTS, AMPS AND RPM
C199	1 1/4"	CONDUIT BODY (2")	DV-NE-S DRIVE 4	3TSP#14	1#12	2TSP#14	ANALOG INPUTS FOR MOTOR VOLTS, AMPS AND RPM
C200	2"	CONDUIT BODY (3")	DV-NE-S DRIVE 4	16#12	1#12	12#12	SEE DWGS E-104, E-105, E-116
C201	1 1/4"	CONDUIT BODY (2")	DV-NE-N DRIVE 3	3TSP#14	1#12	2TSP#14	ANALOG INPUTS FOR MOTOR VOLTS, AMPS AND RPM
C202	2"	CONDUIT BODY (3")	DV-NE-N DRIVE 3	16#12	1#12	12#12	SEE DWGS E-104, E-105, E-115
C203	1 1/4"	DV-NE-N DRIVE 3	DV-NE-S DRIVE 4	5#12	1#12	10#12	ZS-NEFC, ZS-NENC, ZS-NENO, ZS-NEFS, ZS-NEFO
C204	1 1/2"	WCC-1	PBOX 2SE	TSP#14 TSP#12	1#10	2TSP#14 2TSP#12	LEAF POSITION TRANSMITTERS ZT-NE AND ZT-NW
C204A	1"	PBOX 2SE	NE DROP 3 IO & RELAY CABINET	TSP#14	1#10	2TSP#14	ZT-NE
C204B	1"	PBOX 2SE	SE DROP 5 IO/PLC & RELAY CABINET	(2) COAX CABLE TYPE RC-6/4 #18AWG	1#10	(2) COAX CABLE TYPE RC-6/4 #18AWG	DROP 3,5,7 CABINETS
C205	1 1/4"	DV-NE-S DRIVE 4	CONDUIT BODY (1 1/2")	CABLE FURNISHED BY FLUX VECTOR DRIVE MANUFACTURER	1#10	-	NE-S DRIVE MOTOR ENCODER
C206	1 1/4"	DV-NE-N DRIVE 3	CONDUIT BODY (1 1/2")	CABLE FURNISHED BY FLUX VECTOR DRIVE MANUFACTURER	1#10	-	NE-N DRIVE MOTOR ENCODER
C207	1 1/2"	CONDUIT BODY (1 1/2")	JBOX JH1	CABLE FURNISHED BY FLUX VECTOR DRIVE MANUFACTURER	1#10	-	NE-N AND NES DRIVE MOTOR ENCODERS
C208	4"	NE DROP 3 IO & RELAY CABINET	JBOX JA1	93#12, 6#8	1#10	36#12	SEE DWGS E-119 AND E-120
C209	1 1/2"	JBOX JA1	JBOX JA2	10#12, 2#8	1#10	6#12	
C210	1"	JBOX JA2	CONDUIT BODY (1")	6#12	1#12	-	
C211		CONDUIT BODY (1")	ZS-TGNESOCUA	2#12	-	-	ZS-TGNESOCUA
C212		CONDUIT BODY (1")	ZS-TGNESOCDA	2#12	-	-	ZS-TGNESOCDA
C213		CONDUIT BODY	ZS-TGNESOCHC	2#12	-	-	ZS-TGNESOCHC
C214		JBOX JA2	TG-NESOC FLASHER	2#10	1#12	-	FLASHER
C215	1"	JBOX JA2	CONDUIT BODY (1")	4#12	1#12	-	SEE C216, C220 AND C221
C216		CONDUIT BODY (1")	DS-BF	2#12	-	-	DS-BF
C217		DS-BF	DS-BR	2#12	-	-	DS-BR
C218		DS-BR	ZS-TGNESOCUB	1#12	-	-	ZS-TGNESOCUB
C219		DS-BR	ZS-TGNESOCDB	1#12	-	-	ZS-TGNESOCDB
C220		CONDUIT BODY (1")	ZS-TGNESOCUB	1#12	-	-	ZS-TGNESOCUB
C221		CONDUIT BODY (1")	ZS-TGNESOCDB	1#12	-	-	ZS-TGNESOCDB
C222	2"	JBOX JA1	JBOX JA3	20#12	1#12	6#12	SEE DWG E-120

CONDUIT AND WIRE SCHEDULE

CONDUIT		FROM	TO	CONDUCTORS			
NO.	SIZE			ACTIVE	GROUND	SPARES	REMARKS
C223	3/4"	JBOX JA3	ZS-NESOVSP	2#12	1#12	-	ZS-NESOVSP
C224	1"	JBOX JA3	CONDUIT BODY (1")	6#12	1#12	-	SEE C225, C226
C225	3/4"	CONDUIT BODY (1")	ZS-MOBNESS	2#12	-	-	ZS-MOBNESS
C226	1"	CONDUIT BODY (1")	CONDUIT BODY (1")	4#12	-	-	ZS-MOBNESR, ZS-MOBNESMR
C227	3/4"	CONDUIT BODY (1")	ZS-MOBNESR	2#12	-	-	ZS-MOBNESR
C228	3/4"	CONDUIT BODY (1")	ZS-MOBNESMR	2#12	-	-	ZS-MOBNESMR
C229	1 1/4"	JBOX JA3	CONDUIT BODY (1 1/4")	12#12	1#12	-	SEE C230, C231
C230	3/4"	CONDUIT BODY (1 1/4")	ZS-MBNESMR	4#12	-	-	ZS-MBNESMR
C231	1"	CONDUIT BODY (1 1/4")	CONDUIT BODY (1")	8#12	-	-	ZS-MBNESMR, ZS-MBNESS
C232	3/4"	CONDUIT BODY (1")	ZS-MBNESR	4#12	-	-	ZS-MBNESR
C233	3/4"	CONDUIT BODY (1")	ZS-MBNESS	4#12	-	-	ZS-MBNESS
C234	3 1/2"	JBOX JA1	JBOX JB1	63#12, 6#8	1#8	24#12	SEE DWG E-120
C235	1 1/4"	JBOX JB1	BG-VFDS	9#12	1#10	6#12	SEE DWGS E-112 AND E-120
C236	2"	BG-VFDS	BG-NESOC, SOUTH TOWER	23#12	1#10	3#10, 3#8	SEE DWGS E-39, E-112 AND E-120
C237	2"	BG-VFDS	BG-NENOC, NORTH TOWER	23#12	1#10	3#10, 3#8	BG-NENOC, NORTH TOWER
C238	2 1/2"	JBOX JB1	JBOX JC1	30#12, 6#8	1#8	12#12	SEE DWG E-120
C239	2"	JBOX JC1	JBOX JC2	10#12, 6#8	1#8	6#12	SEE DWG E-120
C240	1 1/4"	JBOX JC2	CONDUIT BODY (1 1/4")	5#12	1#10	-	SEE DWGS E-90 AND E-120
C241		CONDUIT BODY (1 1/4")	ZS-TGNENOC	3#12	-	-	GONG
C242		CONDUIT BODY (1 1/4")	FLASHER	2#12	1#12	-	FLASHER
C243	1 1/4"	JBOX JC2	CONDUIT BODY (1 1/4")	10#12	1#12	-	SEE C244, C245, C246, C248, C251, C252
C244		CONDUIT BODY (1 1/4")	ZS-TGNENOCUA	2#12	-	-	ZS-TGNENOCUA
C245		CONDUIT BODY (1 1/4")	ZS-TGNENOCDA	2#12	-	-	ZS-TGNENOCDA
C246		CONDUIT BODY (1 1/4")	ZS-TGNENOCHC	2#12	-	-	ZS-TGNENOCHC
C247		CONDUIT BODY (1 1/4")	DS-BF	2#12	-	-	DS-BF
C248		DS-BF	DS-BR	2#12	-	-	DS-BR
C249		DS-BR	ZS-TGNENOCUB	1#12	-	-	ZS-TGNENOCUB
C250		DS-BR	ZS-TGNENOCDB	1#12	-	-	ZS-TGNENOCDB
C251		ZS-TGNENOCUB	CONDUIT BODY (1 1/4")	1#12	-	-	ZS-TGNENOCUB
C252		ZS-TGNENOCDB	CONDUIT BODY (1 1/4")	1#12	-	-	ZS-TGNENOCDB
C253	1 1/4"	JBOX JC2	TRAFFIC SIGNAL POLE HANDHOLE	2#12, 4#8	1#8	4#10	GONG, TL-WBA, TL-WBB
C254		TRAFFIC SIGNAL POLE HANDHOLE	WB-GONG	2#12	-	-	GONG
C255		TRAFFIC SIGNAL POLE HANDHOLE	TRAFFIC SIGNAL TL-WBA	2#10	-	-	TL-WBA
C256		TRAFFIC SIGNAL POLE HANDHOLE	TRAFFIC SIGNAL TL-WBB	2#10	-	-	TL-WBB
C257	2"	BG-VFD	BG-SWNO, NORTH TOWER	23#12	1#10	10#12	SEE DWGS E-43, E-92 AND E-119
C258	2"	JBOX JC1	JBOX JC3	20#12	1#8	6#12	
C259	1 1/4"	JBOX JC3	CONDUIT BODY (1 1/4")	12#12	1#12	-	SEE DWGS C260, C261
C260	3/4"	CONDUIT BODY (1 1/4")	ZS-MBNENS	4#12	-	-	ZS-MBNENS
C261	1"	CONDUIT BODY (1 1/4")	CONDUIT BODY (1")	8#12	-	-	ZS-MBNENR, ZS-MBNENMR
C262	3/4"	CONDUIT BODY (1")	ZS-MBNENR	4#12	-	-	ZS-MBNENR
C263	3/4"	CONDUIT BODY (1")	ZS-MBNENMR	4#12	-	-	ZS-MBNENMR
C264	1"	JBOX JC3	CONDUIT BODY (1")	8#12	1#12	-	SEE C265, C270
C265	1"	CONDUIT BODY (1")	CONDUIT BODY (1")	6#12	1#12	-	
C266	3/4"	CONDUIT BODY (1")	ZS-MOBNENS	2#12	-	-	ZS-MOBNENR
C267	1"	CONDUIT BODY (1")	CONDUIT BODY (1")	4#12	-	-	ZS-MOBNENR, ZS-MOBNENMR
C268	3/4"	CONDUIT BODY (1")	ZS-MOBNENR	2#12	-	-	ZS-MOBNENR
C269	3/4"	CONDUIT BODY (1")	ZS-MOBNENMR	2#12	-	-	ZS-MOBNENMR
C270	3/4"	CONDUIT BODY (1")	ZS-NENOVSP	2#12	1#12	-	ZS-NENOVSP

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USER NAME = sharma	DESIGNED - A. CENTENO	REVISED -
FILE NAME = D162d61-shr-elo-73.dgn	DRAWN - S. SHARMA	REVISED -
PLOT SCALE = NONE	CHECKED - M. INTATANO	REVISED -
PLOT DATE = 5/7/2009	DATE - MAY 8, 2009	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CONDUIT AND WIRE SCHEDULE
SHEET 6**

SCALE: AS SHOWN SHEET NO. E-73 OF E-125 SHEETS STA. 379+06.09 TO STA. 382+45.28

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
389	2424-2B-R	COOK	398	344
CONTRACT NO. 60D61				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				