

CONDUIT AND WIRE SCHEDULE							
CONDUIT		FROM	TO	CONDUCTORS			
NO.	SIZE			ACTIVE	GROUND	SPARES	REMARKS
C88	3/4"	JBOX J12	JBOX J16	3 #8	1#10	-	NL-NE-S, NL-NE-N
C89	3/4"	JBOX J16	NL-NE-S	2 #10	1#12	-	NL-NE-S
C90	3/4"	JBOX J16	NL-NE-N	2 #10	1#12	-	NL-NE-N
C91	3/4"	JBOX J12	JBOX J15	3 #8	1#10	-	NL-SE-N, NL-SE-S
C92	3/4"	JBOX J12	NL-SE-N	2 #10	1#12	-	NL-SE-N
C93	3/4"	JBOX J12	NL-SE-S	2 #10	1#12	-	NL-SE-S
C94	1 1/4"	P BOX NO. 2SE	CONTROL SUBMARINE CABLE TERMINAL CABINET NO. 2SE	TSP #12	1#10	2 TSP #12	ZT-SW
C95	1"	P BOX NO. 2SE	CONTROL SUBMARINE CABLE TERMINAL CABINET NO. 2SE	(2) COAX CABLE, TYPE RG-6/U, #18 AWG	1 #8	(1) COAX CABLE, TYPE RG-6/U, #18 AWG	SW DROP 8 IO CABINET
C96	2"	SE DROP 5 IO/PLC & RELAY CABINET	CONTROL SUBMARINE CABLE TERMINAL CABINET NO. 2SE	8 #4, 4 #10	1 #8	6 #10	SEE C106, ZS-TGSWNOCCA AND ZS-TGSWSOCDA
C97	1 1/4"	P BOX NO. 1SE	CONTROL SUBMARINE CABLE TERMINAL CABINET NO. 2SE	3 #8	1 #10	10 #10	EB CONTROL POWER WEST PIER
C98	3"	MCC-EB-1	CONTROL SUBMARINE CABLE TERMINAL CABINET NO. 2SE	44 #10, 4 #8	1 #10	10 #10	SEE DWGS E-91, E-93, E-94
C99	3"	CONTROL SUBMARINE CABLE TERMINAL CABINET NO. 2SE	CONTROL SUBMARINE CABLE TERMINAL CABINET NO. 3SW	SUBMARINE CABLE 1' 8 #4, 44 #10, 7 #8	1 #4	10 #10, 6 #8 4 #4	SEE C96, C97, C98
C100	-	CONTROL SUBMARINE CABLE TERMINAL CABINET NO. 2SE	CONTROL SUBMARINE CABLE TERMINAL CABINET NO. 3SW	SUBMARINE CABLE 1' (2) COAX CABLE RG-6/U #18 AWG; TSP#12	1 #10	24 TSP #12, (1) COAX CABLE RG-6/U, #18 AWG	SW DROP 8 IO CABINET, ZT-SW
C101	3/4"	JBOX J6	JBOX J6A	2#10	1#12	-	DL-E1
C101A	3/4"	JBOX J6A	DL-E1	SUBMARINE CABLE 2#10 & 1#12G		-	DL-E1
C102	1 1/2"	BPLCCTV	ECC-1	(2) COAX CABLE, TYPE RG-6/U, #18 AWG	1 #8	(2) COAX CABLE, TYPE RG-6/U, #18 AWG	BPLCCTV, ECC-1
C103	1 1/2"	ECC-1	WCC-1	(2) COAX CABLE, TYPE RG-6/U, #18 AWG	1 #8	(2) COAX CABLE, TYPE RG-6/U, #18 AWG	WCC-1
C104	1 1/2"	ECC-1	PULL BOX 2SE	(2) COAX CABLE, TYPE RG-6/U, #18 AWG	1 #8	(2) COAX CABLE, TYPE RG-6/U, #18 AWG	DROPS 3,5,7 & 8 CABINETS
C105	4"	CONTROL SUBMARINE CABLE TERMINAL CABINET NO. 3SW	JBOX JF	44 #10, 7 #8, 8 #4	1 #8	10 #10, 6 #8	SEE C96, C97, C98
C106	2"	JBOX JF	JBOX JG	7 #4	1 #8	3 #10, 3 #8	TG-SWSOC/BG-SWOC GATE LIGHTS EB-GONG, ZS-TGSWSOC, TRAF. SIGNALS
C107	1"	JBOX JG	BG-VFDS	2 #8	1#10	2 #8	BG-SWOC FLASHER
C108	2"	BG-VFD	BG-SWSOC, SOUTH TOWER	23 #12	1 #10	10 #12	SEE DWGS. E-43, E-92 & E-119
C109	2"	JBOX JG	JBOX JH	7 #4	1 #8	3 #10, 3 #8	TG-SWSOC GATE LIGHTS GONG, TRAFFIC SIGNALS
C110	1 1/4"	JBOX JH	CONDUIT BODY (1")	5 #12	1 #10	4 #12	TG-SWSOC GATE LIGHTS, ZS-TGSWSOC
C111	-	CONDUIT BODY (1")	ZS-TGSWSOC	3 #12	-	-	ZS-TGSWSOC
C112	-	CONDUIT BODY (1")	TG-SWSOC GATE LIGHTS	2 #12	-	-	TG-SWSOC GATE LIGHTS
C113	1 1/4"	JBOX JH	TRAFFIC SIGNAL POLE HANDHOLE	2 #12, 4 #8	1 #8	4 #10	GONG TRAFFIC SIGNALS, TL-EBA, TL-EBB
C114	-	TRAFFIC SIGNAL POLE HANDHOLE	EB-GONG	2 #12	-	-	EB GONG
C115	-	TRAFFIC SIGNAL POLE HANDHOLE	TRAFFIC SIGNAL TL-EBA	4 #10	-	-	TL-EBA
C116	-	TRAFFIC SIGNAL POLE HANDHOLE	TRAFFIC SIGNAL TL-EBB	4 #10	-	-	TL-EBB
C117	4"	JBOX JF	JBOX JI	7 #8, 44 #10 4 #4	1 #8	10 #10, 6 #8	SEE C98, TG-SWNOG GATE LIGHTS, NORTH AND SOUTH ADVANCED WARNING SIGNS
C118	1 1/4"	JBOX JI	JBOX JX	2 #4	1 #8	-	NORTH AND SOUTH ADVANCED WARNING SIGNS
C118A	3/4"	JBOX JI	BG-SWNOG GATE LIGHTS	2 #8	1 #10	-	BG-SWNOG GATE LIGHTS (FLASHER)
C119	1 1/4"	JBOX JY	TEMPORARY SPLICE/ PULL BOX	2 #6	1 #10	-	NORTH AND SOUTH ADVANCED WARNING SIGNS
C120							NOT USED
C121	4"	JBOX JI	DROP 8 SW IO CABINET	44 #10, 7 #8	1 #8	10 #10, 6 #8	SEE C98, C97
C122	1"	CONTROL SUBMARINE CABLE TERMINAL CABINET NO. 3SW	DROP 8 SW IO CABINET	(2) COAX CABLE, TYPE RG-6/U, #18 AWG	1 #8	(1) COAX CABLE, TYPE RG-6/U, #18 AWG	SW DROP 8 IO CABINET
C123	1 1/4"	CONTROL SUBMARINE CABLE TERMINAL CABINET NO. 3SW	JBOX JJ	TSP #12	1 #10	2 TSP #12	ZT-SW
C124	1 1/4"	JBOX JJ	SW-S DRIVE MOTOR ENCODER	CABLE FURNISHED BY FLUX VECTOR DRIVE MANUFACTURER	1 #10	-	SW-S DRIVE MOTOR ENCODER
C125	1 1/2"	JBOX JJ	JBOX JO	TSP #12 AND FLUX VECTOR DRIVE CABLE	1 #10	2 TSP #12	ZT-SW, SW-S DRIVE MOTOR ENCODER
C126	1 1/4"	JBOX JO	DROP 8 SW I/O CABINET	2 TSP #12	1 #10	2 TSP #12	ZT-SW
C127	1 1/4"	JBOX JN	DV-SW-S DRIVE MOTOR 2	CABLE FURNISHED BY FLUX VECTOR DRIVE MANUFACTURER	1 #10	-	SW-S DRIVE MOTOR ENCODER
C127A	1 1/4"	JBOX JN	JBOX JO	CABLE FURNISHED BY FLUX VECTOR DRIVE MANUFACTURER	1 #10	-	SW-S DRIVE MOTOR ENCODER
C128	3"	DROP 8 SW IO CABINET	JBOX JK	43 #12	1 #12	12 #12	SEE DWG. E-119
C129	1 1/2"	JBOX JK	JBOX J4	20 #12	1 #12	4 #12	SEE DWG. E-119
C129A	1 1/2"	JBOX JL	JBOX JM	18 #12	1 #12	4 #12	SEE DWG. E-119
C130	1 1/4"	JBOX JM	CONDUIT BODY (1 1/4")	12 #12	1 #12	-	SEE C131, C132
C131	3/4"	CONDUIT BODY (1 1/4")	ZS-MBSWSR	4 #12	1 #12	-	ZS-MBSWS

CONDUIT AND WIRE SCHEDULE							
CONDUIT		FROM	TO	CONDUCTORS			
NO.	SIZE			ACTIVE	GROUND	SPARES	REMARKS
C132	1 1/4"	CONDUIT BODY (1 1/4")	CONDUIT BODY (1 1/4")	8 #12	1 #12	-	ZS-MBSWR, ZS-MBSWMR
C133	3/4"	CONDUIT BODY (1")	ZS-MBSWR	4 #12	-	-	ZS-MBSWR
C134	3/4"	CONDUIT BODY (1")	ZS-MBSWMR	4 #12	-	-	ZS-MBSWMR
C135	1"	JBOX JM	CONDUIT BODY (1")	6 #12	1 #12	-	SEE C136, C137
C136	3/4"	CONDUIT BODY (1")	ZS-MOBSWS	2 #12	-	-	ZS-MOBSWS
C137	1"	CONDUIT BODY (1")	CONDUIT BODY (1")	4 #12	-	-	ZS-MOBSWR, ZS-MOBSWMR
C138	3/4"	CONDUIT BODY (1")	ZS-MOBSWR	2 #12	-	-	ZS-MOBSWR
C139	3/4"	CONDUIT BODY (1")	ZS-MOBSWMR	2 #12	-	-	ZS-MOBSWMR
C140	3/4"	JBOX JL	ZS-SWSOVSP	2 #12	1 #12	-	ZS-SWSOVSP
C141	2"	JBOX JK	JBOX JO	23 #12	1 #12	8 #12	SEE DWG. E-119
C141A	1 1/4"	JBOX JO	BG-VFDS PANEL	11 #12	1 #12	4 #12	SEE DWGS E-92 AND E-119
C142	1 1/4"	JBOX JO	JBOX JP	12 #12	1 #12	4 #12	SEE C143
C143	1"	JBOX JP	CONDUIT BODY (1")	8 #12	1 #12	-	SEE C144, C145, C146
C144	-	CONDUIT BODY (1")	ZS-TGSWSOCUA	2 #12	-	-	ZS-TGSWSOCUA
C145	-	CONDUIT BODY (1")	ZS-TGSWSOCDA	4 #12	-	-	ZS-TGSWSOCDA
C146	-	CONDUIT BODY (1")	ZS-TGSWSOCHC	2 #12	-	-	ZS-TGSWSOCHC
C147	1"	JBOX JP	CONDUIT BODY (1")	4 #12	1 #12	-	SEE C148, C149, C150, C151
C148	-	CONDUIT BODY (1")	DS-BF	2 #12	-	12 #12	DS-BF
C149	-	DS-BF	DS-BR	2 #12	-	-	DS-BR
C150	-	DS-BR	ZS-SWSOCUB	1 #12	-	12 #12	ZS-SWSOCUB
C151	-	DS-BR	ZS-SWSOCDB	1 #12	-	4 #12	ZS-SWSOCDB
C152	-	ZS-SWSOCUB	CONDUIT BODY (1")	1 #12	-	-	ZS-SWSOCUB
C153	-	ZS-SWSOCDB	CONDUIT BODY (1")	1 #12	-	-	ZS-SWSOCDB
C154	3"	DROP 8 SW IO CABINET	JBOX JR	58 #12	1 #12	12 #12	SEE DWG. E-119
C155	1"	JBOX JR	CONDUIT BODY (1")	8 #12	1 #12	-	SEE C156, C157, C158
C156	-	CONDUIT BODY (1")	ZS-TGSWNOCUA	2 #12	-	-	ZS-TGSWNOCUA
C157	-	CONDUIT BODY (1")	ZS-TGSWNOCCA	4 #12	-	-	ZS-TGSWNOCCA
C158	-	CONDUIT BODY (1 1/4")	ZS-TGSWNOCHC	2 #12	-	-	ZS-TGSWNOCHC
C159	1"	JBOX JR	CONDUIT BODY	4 #12	1 #12	-	SEE DWG E-119
C160	-	CONDUIT BODY (1")	DS-BF	2 #12	-	-	DS-BF
C161	-	DS-BF	DS-BR	2 #12	-	-	DS-BR
C162	-	DS-BR	ZS-SWNOCUB	1 #12	-	-	ZS-SWNOCUB
C163	-	DS-BR	ZS-SWNOCDB	1 #12	-	-	ZS-SWNOCDB
C164	-	ZS-SWNOCUB	CONDUIT BODY (1")	1 #12	-	-	ZS-SWNOCUB
C165	-	ZS-SWNOCDB	CONDUIT BODY (1")	1 #12	-	-	ZS-SWNOCDB
C166	2 1/2"	JBOX JR	JBOX JS	46 #12	1 #12	8 #12	SEE DWG. E-119
C167	3/4"	JBOX JS	ZS-SWFS	4 #12	1 #12	-	ZS-SWFS
C168	1 1/2"	JBOX JS	JBOX JT	20 #12	1 #12	4 #12	SEE C169, C170, C175
C169	3/4"	JBOX JT	ZS-SWNOVSP	2 #12	1 #12	-	ZS-SWNOVSP
C170	1"	JBOX JT	CONDUIT BODY (1")	6 #12	1 #12	-	SEE C171, C172
C171	3/4"	CONDUIT BODY (1")	ZS-MOBSWNS	2 #12	-	-	ZS-MOBSWNS
C172	1"	CONDUIT BODY (1")	CONDUIT BODY (1")	4 #12	-	-	ZS-MOBSWNR, ZS-MOBSWNR
C173	3/4"	CONDUIT BODY (1")	ZS-MOBSWNR	2 #12	-	-	ZS-MOBSWNR
C174	3/4"	CONDUIT BODY (1")	ZS-MOBSWNR	2 #12	-	-	ZS-MOBSWNR
C175	1 1/4"	JBOX JT	CONDUIT BODY (1 1/4")	12 #12	1 #12	-	SEE C176, C177
C176	3/4"	CONDUIT BODY (1 1/4")	ZS-MBSWNS	4 #12	-	-	ZS-MBSWNS
C177	1 1/4"	CONDUIT BODY (1 1/4")	CONDUIT BODY (1")	8 #12	-	-	ZS-MBSWNR, ZS-MBSWNR

**PB Americas, Inc.**  
 230 WEST MONROE STREET,  
 SUITE 900  
 CHICAGO, IL. 60606

USER NAME = sharma	DESIGNED = A. CENTENO	REVISED =
FILE NAME = D162d61-sht-a1c-72.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 5**

SCALE: AS SHOWN SHEET NO. E-72 OF E-125 SHEETS STA. 379+06.09 TO STA. 382+45.28

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
389	2424-2B-R	COOK	398 343
CONTRACT NO. 60D61			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			