

EAST BOUND CONTROL DESK

DROP 1 SLOT 1
120VAC 16 PT. INPUT MODULE

PT	ADDR	TAGNAME	WIRE #
IN 0	I001	EBCP	EBCP
IN 1	I002	PB-ESTOP	PBESTOP
IN 2	I003	CS-CSEL-B	CS-CSEL-1
IN 3	I004	CS-CSEL-B	CS-CSEL-2
IN 4	I005	CS-LCK-SW	CS-LCK-SW-1
IN 5	I006	CS-LCK-SW	CS-LCK-SW-2
IN 6	I007	CS-SP-SW	CS-SP-SW-1
IN 7	I008	CS-SP-SW	CS-SP-SW-2
IN 8	I009	CS-SP-SE	CS-SP-SE-1
IN 9	I010	CS-SP-SE	CS-SP-SE-2
IN10	I011	PB-STOP-SW	PBSTOPSW
IN11	I012	PBL-UVSW	PBUVSW
IN12	I013	PB-STOP-SE	PBSTOPSE
IN13	I014	PBL-UVSE	PBUVSE
IN14	I015	KS-DRFT-SW	KSDRFTSW
IN15	I016	KS-DRFT-SE	KSDRFTSE

DROP 1 SLOT 2
120VAC 16 PT. INPUT MODULE

PT	ADDR	TAGNAME	WIRE #
IN 0	I017	BP-TRF-EB	BPTRFEB
IN 1	I018	BP-TG-EB	BPTGEB
IN 2	I019	BP-BG-EB	BPBGB
IN 3	I020	BP-LCK-EB	BPLCKEB
IN 4	I021	CS-TG-SW	CS-TG-SW-1
IN 5	I022	CS-TG-SW	CS-TG-SW-2
IN 6	I023	CS-TG-SE	CS-TG-SE-1
IN 7	I024	CS-TG-SE	CS-TG-SE-2
IN 8	I025	CS-BG-SW	CS-BG-SW-1
IN 9	I026	CS-BG-SW	CS-BG-SW-2
IN10	I027	SPARE	
IN11	I028	SPARE	
IN12	I029	SPARE	
IN13	I030	SPARE	
IN14	I031	SPARE	
IN15	I032	SPARE	

DROP 1 SLOT 3
120VAC 16 PT. RELAY OUTPUT MODULE

PT	ADDR	TAGNAME	WIRE #
OUT 0	O001		
OUT 1	O002		
OUT 2	O003	IL-PLC-CPU-G-1	
OUT 3	O004	IL-PLC-CPU-R-1	
OUT 4	O005	IL-PLC-CPU-G-2	
OUT 5	O006	IL-PLC-CPU-R-2	
OUT 6	O007	PBL-UVSW	
OUT 7	O008	PBL-UVSE	
OUT 8	O009	IL-DRV-SWNR	
OUT 9	O010	IL-DRV-SWRF	
OUT10	O011	IL-DRV-SWSR	
OUT11	O012	IL-DRV-SWSF	
OUT12	O013	IL-DRV-SEN	
OUT13	O014	IL-DRV-SENF	
OUT14	O015	IL-DRV-SESR	
OUT15	O016	IL-DRV-SESF	

DROP 1 SLOT 4
120VAC 16 PT. RELAY OUTPUT MODULE

PT	ADDR	TAGNAME	WIRE #
OUT 0	O017	IL-SWS-F0-G	
OUT 1	O018	IL-SWS-N0-A	
OUT 2	O019	IL-SWS-NC-A	
OUT 3	O020	IL-SWS-FC-G	
OUT 4	O021	IL-SWS-FS-W	
OUT 5	O022	IL-SES-F0-G	
OUT 6	O023	IL-SES-N0-A	
OUT 7	O024	IL-SES-NC-A	
OUT 8	O025	IL-SES-FC-G	
OUT 9	O026	IL-SES-FS-W	
OUT10	O027	IL-LCK-SWS-G	
OUT11	O028	IL-LCK-SWS-R	
OUT12	O029	IL-LCK-SWS-B	
OUT13	O030	IL-LCK-SWN-G	
OUT14	O031	IL-LCK-SWN-R	
OUT15	O032	IL-LCK-SWN-B	

DROP 1 SLOT 5
120VAC 16 PT. RELAY OUTPUT MODULE

PT	ADDR	TAGNAME	WIRE #
OUT 0	O033	IL-MB-SWN-G	
OUT 1	O034	IL-MB-SWN-R	
OUT 2	O035	IL-MB-SWN-B	
OUT 3	O036	IL-MB-SEN-G	
OUT 4	O037	IL-MB-SEN-R	
OUT 5	O038	IL-MB-SEN-B	
OUT 6	O039	IL-MB-SWS-G	
OUT 7	O040	IL-MB-SWS-R	
OUT 8	O041	IL-MB-SWS-B	
OUT 9	O042	IL-MB-SES-G	
OUT10	O043	IL-MB-SES-R	
OUT11	O044	IL-MB-SES-B	
OUT12	O045	SPARE	
OUT13	O046	SPARE	
OUT14	O047	SPARE	
OUT15	O048	SPARE	

DROP 1 SLOT 6
120VAC 16 PT. RELAY OUTPUT MODULE

PT	ADDR	TAGNAME	WIRE #
OUT 0	O049	IL-MOB-SWN-G	
OUT 1	O050	IL-MOB-SWN-R	
OUT 2	O051	IL-MOB-SWN-B	
OUT 3	O052	IL-MOB-SEN-G	
OUT 4	O053	IL-MOB-SEN-R	
OUT 5	O054	IL-MOB-SEN-B	
OUT 6	O055	IL-MOB-SWS-G	
OUT 7	O056	IL-MOB-SWS-R	
OUT 8	O057	IL-MOB-SWS-B	
OUT 9	O058	IL-MOB-SES-G	
OUT10	O059	IL-MOB-SES-R	
OUT11	O060	IL-MOB-SES-B	
OUT12	O061	SPARE	
OUT13	O062	SPARE	
OUT14	O063	SPARE	
OUT15	O064	SPARE	

NOTES:

- FOR DRAWING SYMBOLS, LEGEND AND ABBREVIATIONS SEE DRAWINGS E-04, E-05 AND E-06.
- ASTERISKS DENOTE THE CONTRACTOR SHALL CONNECT I/O POINTS IN THE SLOT AND POSITIONS INDICATED. CONTRACTOR SHALL REVISE ADDRESSES AS REQUIRED FOR THE EQUIPMENT PROVIDED AND FILL THE ADDRESS AND WIRE BLOCK ON THIS DRAWING "AS-BUILT".

EAST BOUND DROP 5 SOUTHEAST PLC I/O CABINET

DROP 1 SLOT 7
0-10VDC ANALOG OUTPUT MODULE

PT	ADDR	TAGNAME	WIRE #
CH1+	OUT1+	SPDS-DWS	
CH1-	OUT1-	SPDS-DWS	
CH2+	OUT2+	SPDS-DES	
CH2-	OUT2-	SPDS-DES	
CH3+	OUT3+	RPM-MOT-SWN	
CH3-	OUT3-	RPM-MOT-SWN	
CH4+	OUT4+	RPM-MOT-SWS	
CH4-	OUT4-	RPM-MOT-SWS	
CH5+	OUT5+	RPM-MOT-SEN	
CH5-	OUT5-	RPM-MOT-SEN	
CH6+	OUT6+	RPM-MOT-SES	
CH6-	OUT6-	RPM-MOT-SES	
CH7+	OUT7+	SPARE	
CH7-	OUT7-	SPARE	
CH8+	OUT8+	SPARE	
CH8-	OUT8-	SPARE	

DROP 1 SLOT 8
0-10VDC ANALOG OUTPUT MODULE

PT	ADDR	TAGNAME	WIRE #
CH1+	OUT9+	VM-MOT-SWN	
CH1-	OUT9-	VM-MOT-SWN	
CH2+	OUT10+	AM-MOT-SWN	
CH2-	OUT10-	AM-MOT-SWN	
CH3+	OUT11+	VM-MOT-SWS	
CH3-	OUT11-	VM-MOT-SWS	
CH4+	OUT12+	AM-MOT-SWS	
CH4-	OUT12-	AM-MOT-SWS	
CH5+	OUT13+	VM-MOT-SEN	
CH5-	OUT13-	VM-MOT-SEN	
CH6+	OUT14+	AM-MOT-SEN	
CH6-	OUT14-	AM-MOT-SEN	
CH7+	OUT15+	VM-MOT-SES	
CH7-	OUT15-	VM-MOT-SES	
CH8+	OUT16+	AM-MOT-SES	
CH8-	OUT16-	AM-MOT-SES	

DROP 5 SLOT 2
120VAC 16 PT. INPUT MODULE

PT	ADDR	TAGNAME	WIRE #
IN 0	I501	TGSENOGU	
IN 1	I502	TGSENOGD	
IN 2	I503	TGSENOGHC	
IN 3	I504	TGSENOGU	
IN 4	I505	TGSENOGD	
IN 5	I506	TGSENOGHC	
IN 6	I507	ZS-MOBSENS	
IN 7	I508	ZS-MOBSENR	
IN 8	I509	ZS-MOBSENR	
IN 9	I510	ZS-MOBSESS	
IN10	I511	ZS-MOBSESR	
IN11	I512	ZS-MOBSESMR	
IN12	I513	ECRR	
IN13	I514	ETREGT	
IN14	I515	SPARE	
IN15	I516	SPARE	

DROP 5 SLOT 1
120VAC 16 PT. INPUT MODULE

PT	ADDR	TAGNAME	WIRE #
IN 0	I517	ZS-MBSENS	
IN 1	I518	ZS-MBSENR	
IN 2	I519	ZS-MBSENR	
IN 3	I520	ZS-MBSESS	
IN 4	I521	ZS-MBSESR	
IN 5	I522	ZS-MBSESMR	
IN 6	I523	TGSENOGMCP	
IN 7	I524	TGSENOGF	
IN 8	I525	TGSENOGR	
IN 9	I526	TGSENOGMCP	
IN10	I527	TGSENOGF	
IN11	I528	TGSENOGR	
IN12	I529	SPARE	
IN13	I530	SPARE	
IN14	I531	SPARE	
IN15	I532	SPARE	

DROP 5 SLOT 3
120VAC 16 PT. INPUT MODULE

PT	ADDR	TAGNAME	WIRE #
IN 0	I533	ZS-SEFS	
IN 1	I534	ZS-SEFC	
IN 2	I535	ZS-SENC	
IN 3	I536	ZS-SENO	
IN 4	I537	ZS-SEFO	
IN 5	I538	MB-SE-N-MCP	
IN 6	I539	MB-SE-S-MCP	
IN 7	I540	MOB-SE-N-MCP	
IN 8	I541	MOB-SE-S-MCP	
IN 9	I542	SENDVR	
IN10	I543	SENDVDT	
IN11	I544	SESDVR	
IN12	I545	SESDVDT	
IN13	I546	ZS-SENOVSP	
IN14	I547	ZS-SESOVSP	
IN15	I548	SPARE	

DROP 5 SLOT 4
120VAC 8 PT. ISOLATED RELAY OUTPUT MODULE

PT	ADDR	TAGNAME	WIRE #
L1-0	O501	EBCP	
OUT 0		WATCH DOG	
L1-1	O502	CB900	
OUT 1		TGSENOGR	
L1-2	O503	CB900	
OUT 2		TGSENOGL	
L1-3	O504	CB908	
OUT 3		TGSESOGR	
L1-4	O505	CB908	
OUT 4		TGSESOGL	
L1-5	O506	CB1203	
OUT 5		MB-SE-N	
L1-6	O507	CB1208	
OUT 6		MB-SE-S	
L1-7	O508	CB1130	
OUT 7		SWCLP	

DROP 5 SLOT 5
120VAC 8 PT. ISOLATED RELAY OUTPUT MODULE

PT	ADDR	TAGNAME	WIRE #
L1-0	O509	CLP2A	
OUT 0		SENRA	
L1-1	O510	CLP2A	
OUT 1		SENLO	
L1-2	O511	CB1301	
OUT 2		SENRN	
L1-3	O512	CB1301	
OUT 3		SENRS	
L1-4	O513	CB1301	
OUT 4		SENRDSP	
L1-5	O514		
OUT 5			
L1-6	O515		
OUT 6			
L1-7	O516		
OUT 7			

DROP 5 SLOT 6
120VAC 8 PT. ISOLATED RELAY OUTPUT MODULE

PT	ADDR	TAGNAME	WIRE #
L1-0	O517	CLP2B	
OUT 0		SESRA	
L1-1	O518	CLP2B	
OUT 1		SESLO	
L1-2	O519	CB1301	
OUT 2		SESRN	
L1-3	O520	CB1301	
OUT 3		SESNRS	
L1-4	O521	CB1301	
OUT 4		SESRDSP	
L1-5	O522		
OUT 5			
L1-6	O523		
OUT 6			
L1-7	O524		
OUT 7			

DROP 5 SLOT 7
24VDC 4PT.
1-5VDC/4-20MADC ANALOG INPUT MODULE

PT	ADDR	TAGNAME	WIRE #
CH1+	AI501	V-MOT-SEN	
CH1-		V-MOT-SEN	
CH2+	AI502	A-MOT-SEN	
CH2-		A-MOT-SEN	
CH3+	AI503	RPM-MOT-SEN	
CH3-		RPM-MOT-SEN	
CH4+	AI504	ZT-SE	
CH4-		ZT-SE	

DROP 5 SLOT 8
24VDC 4PT.
1-5VDC/4-20MADC ANALOG INPUT MODULE

PT	ADDR	TAGNAME	WIRE #
CH1+	AI505	V-MOT-SES	
CH1-		V-MOT-SES	
CH2+	AI506	A-MOT-SES	
CH2-		A-MOT-SES	
CH3+	AI507	RPM-MOT-SES	
CH3-		RPM-MOT-SES	
CH4+	AI508		
CH4-			

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

USER NAME = sharma
FILE NAME = D160061-sht-e10-99.dgn
PLOT SCALE = NONE
PLOT DATE = 5/7/2009

DESIGNED - B. CROUTHAMEL
DRAWN - S. SHARMA
CHECKED - S. STERN
DATE - MAY 8, 2009

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EASTBOUND INPUT /OUTPUT POINTS LIST
SHEET 1**

SCALE: AS SHOWN SHEET NO. E-99 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	370
CONTRACT NO. 60D61				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				