

CONTROL PANEL DIGITAL INPUTS (TBDI)			
TERM #	WIRE #	ORINATION	DESCRIPTION OF INPUTS
CP-579	C579	GM-9	COMBUSTIBLE GAS MONITORING SYSTEM TROUBLE
CP-579A	C579A	GM-10	COMBUSTIBLE GAS MONITORING SYSTEM TROUBLE
CP-581	C581	FA-1	FIRE PANEL ALARM (ZONE 1)
CP-581A	C581A	FA-2	FIRE PANEL ALARM (ZONE 1)
CP-582	C582	FA-3	FIRE PANEL ALARM (ZONE 2)
CP-582A	C582A	FA-4	FIRE PANEL ALARM (ZONE 2)
CP-583	C583	FA-5	FIRE PANEL ALARM (ZONE 3)
CP-583A	C583A	FA-6	FIRE PANEL ALARM (ZONE 3)
CP-584	C584	FA-7	FIRE PANEL TROUBLE ALARM
CP-584A	C584A	FA-8	FIRE PANEL TROUBLE ALARM
CP-585	C585	BC1-1	PRIMARY BUBBLER SYSTEM FAILURE
CP-585A	C585A	BC1-2	PRIMARY BUBBLER SYSTEM FAILURE
CP-597	C597	ATS-A	OPERATING VIA SERVICE NO. 1
CP-597A	C597A	ATS-B	OPERATING VIA SERVICE NO. 1
CP-598	C598	ATS-C	OPERATING VIA SERVICE NO. 2
CP-598A	C598A	ATS-D	OPERATING VIA SERVICE NO. 2
CP-599	C599	ATS-E	SERVICE NO. 1 POWER FAILURE
CP-599A	C599A	ATS-F	SERVICE NO. 1 POWER FAILURE
CP-600	C600	ATS-G	SERVICE NO. 2 POWER FAILURE
CP-600A	C600A	ATS-H	SERVICE NO. 2 POWER FAILURE
CP-601	C601	CB1-A	SERVICE NO. 1 MAIN BREAKER CLOSED
CP-601A	C601A	CB1-B	SERVICE NO. 1 MAIN BREAKER CLOSED
CP-602	C602	CB1-C	SERVICE NO. 1 MAIN BREAKER OPEN
CP-602A	C602A	CB1-D	SERVICE NO. 1 MAIN BREAKER OPEN
CP-603	C603	CB1-E	SERVICE NO. 1 MAIN BREAKER TRIPPED
CP-603A	C603A	CB1-F	SERVICE NO. 1 MAIN BREAKER TRIPPED
CP-604	C604	CB2-A	SERVICE NO. 2 MAIN BREAKER CLOSED
CP-604A	C604A	CB2-B	SERVICE NO. 2 MAIN BREAKER CLOSED
CP-605	C605	CB2-C	SERVICE NO. 2 MAIN BREAKER OPEN
CP-605A	C605A	CB2-D	SERVICE NO. 2 MAIN BREAKER OPEN
CP-606	C606	CB2-E	SERVICE NO. 2 MAIN BREAKER TRIPPED
CP-606A	C606A	CB2-F	SERVICE NO. 2 MAIN BREAKER TRIPPED
CP-610	C610	ATS-I	TRANSFER SWITCH FAILURE
CP-610A	C610A	ATS-J	TRANSFER SWITCH FAILURE
CP-611	C611	ATS-K	TRANSFER SWITCH IN BYPASS MODE
CP-611A	C611A	ATS-L	TRANSFER SWITCH IN BYPASS MODE
CP-615	C615	RP1-A	RECIRCULATION PIPE VALVE FULLY OPEN
CP-615A	C615A	RP1-B	RECIRCULATION PIPE VALVE FULLY OPEN
CP-618	C618	RP3-A	RECIRCULATION PIPE VALVE FULLY CLOSED
CP-618A	C618A	RP3-B	RECIRCULATION PIPE VALVE FULLY CLOSED
CP-629	C629	SP-10	SUMP PUMP OPERATING IN AUTO MODE
CP-629A	C629A	SP-11	SUMP PUMP OPERATING IN AUTO MODE
CP-630	C630	SP-12	SUMP PUMP ALARM
CP-630A	C630A	SP-13	SUMP PUMP ALARM
CP-631	C631	SP-14	SUMP PUMP RUNNING
CP-631A	C631A	SP-15	SUMP PUMP RUNNING
CP-632	C632	SP-16	SUMP PUMP HIGH WATER ALARM
CP-632A	C632A	SP-17	SUMP PUMP HIGH WATER ALARM
CP-633	C633	IA-11	INTRUSION ALARM PANEL ALARM
CP-633A	C633A	IA-12	INTRUSION ALARM PANEL ALARM

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TERM #	WIRE #	ORINATION	DESCRIPTION OF INPUTS
CP-634	C634	IA-13	INTRUSION ALARM PANEL TROUBLE
CP-634A	C634A	IA-14	INTRUSION ALARM PANEL TROUBLE
CP-636	C636	BC2-1	SECONDARY BUBBLER SYSTEM FAILURE
CP-636A	C636A	BC2-2	SECONDARY BUBBLER SYSTEM FAILURE
CP-637	C637	TEF1-5A	EF-1 IN HAND MODE
CP-637A	C637A	TEF1-5B	EF-1 IN HAND MODE
CP-638	C638	TEF1-6A	EF-1 IN AUTO MODE
CP-638A	C638A	TEF1-6B	EF-1 IN AUTO MODE
CP-639	C639	TEF1-7A	EF-1 MOTOR OL
CP-639A	C639A	TEF1-7B	EF-1 MOTOR OL
CP-640	C640	TEF1-8A	EF-1 RUNNING
CP-640A	C640A	TEF1-8B	EF-1 RUNNING

CONTROL PANEL INTRINSICALLY SAFE DIGITAL INPUTS (TBDIIS)			
TERM #	WIRE #	ORINATION	DESCRIPTION OF INPUTS
CP-58	C58	LSH-008	HIGH WATER ALARM
CP-58A	C58A	LSH-008	HIGH WATER ALARM
CP-63	C63	LS-008D	LAG PUMP START
CP-63A	C63A	LS-008D	LAG PUMP START
CP-68	C68	LS-008C	LEAD START/LFP-4 STOP (LAG STOP)
CP-68A	C68A	LS-008C	LEAD START/LFP-4 STOP (LAG STOP)
CP-73	C73	LS-008B	LFP-4 START (LEAD STOP/LFP-4 START)
CP-73A	C73A	LS-008B	LFP-4 START (LEAD STOP/LFP-4 START)
CP-78	C78	LS-008A	MAIN PUMPS FAIL TO STOP
CP-78A	C78A	LS-008A	MAIN PUMPS FAIL TO STOP
CP-83	C83	LS-008	LFP-4 STOP
CP-83A	C83A	LS-008	LFP-4 STOP
CP-88	C88	LSL-008	LOW WATER ALARM
CP-88A	C88A	LSL-008	LOW WATER ALARM
CP-96	C96	LSH-050	PAVEMENT FLOODED CONTROL RELAY
CP-96A	C96A	LSH-050	PAVEMENT FLOODED CONTROL RELAY
CP-413	C413	LSH-011	DISCHARGE CHAMBER HIGH WATER ALARM
CP-413A	C413A	LSH-011	DISCHARGE CHAMBER HIGH WATER ALARM

CONTROL PANEL DIGITAL OUTPUTS (TBDO)			
TERM #	WIRE #	DESTINATION	DESCRIPTION OF OUTPUTS
CP-169	C169	TBM1-9C	MFP-1 FLOAT CALL
CP-169A	C169A	TBM1-9D	MFP-1 FLOAT CALL
CP-170	C170	TBM2-9C	MFP-2 FLOAT CALL
CP-170A	C170A	TBM2-9D	MFP-2 FLOAT CALL
CP-171	C171	TBM3-9C	MFP-3 FLOAT CALL
CP-171A	C171A	TBM3-9D	MFP-3 FLOAT CALL
CP-172	C172	TBLF4-9C	LFP-4 FLOAT CALL
CP-172A	C172A	TBLF4-9D	LFP-4 FLOAT CALL
CP-701	C701	TBM1-8A	MFP-1 SCADA CALL
CP-701A	C701A	TBM1-8B	MFP-1 SCADA CALL
CP-717	C717	TBM2-8A	MFP-2 SCADA CALL
CP-717A	C717A	TBM2-8B	MFP-2 SCADA CALL
CP-733	C733	TBM3-8A	MFP-3 SCADA CALL
CP-733A	C733A	TBM3-8B	MFP-3 SCADA CALL
CP-749	C749	TBLF4-8A	LFP-4 SCADA CALL
CP-749A	C749A	TBLF4-8B	LFP-4 SCADA CALL

CONTROL PANEL ANALOG INPUTS (TBAI)			
TERM #	WIRE #	ORINATION	DESCRIPTION OF INPUTS
CP-800A	C800A	TBM1-0B	MFP-1 MOTOR CURRENT TRANSDUCER IT-001
CP-801A	C801A	TBM1-0C	MFP-1 MOTOR CURRENT TRANSDUCER IT-001
CP-829A	C829A	LIT-007A	BAR RACK LEVEL TRANSDUCER LIT-007A
CP-830A	C830A	LIT-007A	BAR RACK LEVEL TRANSDUCER LIT-007A
CP-832A	C832A	LT-008A	WET WELL LEVEL TRANSDUCER LT-008A
CP-833A	C833A	LT-008A	WET WELL LEVEL TRANSDUCER LT-008A
CP-834A	C834A	TBM2-0B	MFP-2 MOTOR CURRENT TRANSDUCER IT-002
CP-835A	C835A	TBM2-0C	MFP-2 MOTOR CURRENT TRANSDUCER IT-002
CP-851A	C851A	LIT-007B	BAR RACK LEVEL TRANSDUCER LIT-007B
CP-852A	C852A	LIT-007B	BAR RACK LEVEL TRANSDUCER LIT-007B
CP-854A	C854A	LT-008B	WET WELL LEVEL TRANSDUCER LT-008B
CP-855A	C855A	LT-008B	WET WELL LEVEL TRANSDUCER LT-008B
CP-856A	C856A	TBM3-0B	MFP-3 MOTOR CURRENT TRANSDUCER IT-003
CP-857A	C857A	TBM3-0C	MFP-3 MOTOR CURRENT TRANSDUCER IT-003
CP-875A	C875A	TBLF4-0B	LFP-4 MOTOR CURRENT TRANSDUCER IT-004
CP-876A	C876A	TBLF4-0C	LFP-4 MOTOR CURRENT TRANSDUCER IT-004

CONTROL PANEL INTRINSICALLY SAFE ANALOG INPUTS (TBAIIS)			
TERM #	WIRE #	ORINATION	DESCRIPTION OF INPUTS
CP-804A	C804A	FT-001	MFP-1 FLOW METER TRANSDUCER FT-001
CP-805A	C805A	FT-001	MFP-1 FLOW METER TRANSDUCER FT-001
CP-806A	C806A	TT-402B	ELECT. ROOM THERMOSTAT TT-402B
CP-807A	C807A	TT-402B	ELECT. ROOM THERMOSTAT TT-402B
CP-826A	C826A	FT-010	RECIRC. FLOW METER TRANSMITTER FT-010
CP-827A	C827A	FT-010	RECIRC. FLOW METER TRANSMITTER FT-010
CP-838A	C838A	FT-002	MFP-2 FLOW METER TRANSDUCER FT-002
CP-839A	C839A	FT-002	MFP-2 FLOW METER TRANSDUCER FT-002
CP-840A	C840A	TT-402A	DRY WELL THERMOSTAT TT-402A
CP-841A	C841A	TT-402A	DRY WELL THERMOSTAT TT-402A
CP-860A	C860A	FT-003	MFP-3 FLOW METER TRANSDUCER FT-003
CP-861A	C861A	FT-003	MFP-3 FLOW METER TRANSDUCER FT-003
CP-879A	C879A	FT-004	LFP-4 FLOW METER TRANSDUCER FT-004
CP-880A	C880A	FT-004	LFP-4 FLOW METER TRANSDUCER FT-004

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DESIGNED	DKC	REVISIONS	-
CHECKED	KMY	REVISIONS	-
SCALE	CJM	REVISIONS	-
DATE	03/22/2012	REVISIONS	-

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CHECKED	KMY	REVISIONS	-
SCALE	CJM	REVISIONS	-
DATE	03/22/2012	REVISIONS	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I & C CONTROL PANEL TERMINATION SCHEDULE
PUMP STATION 47

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338/IL 59	2011-035-I	DUPAGE	181	131
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60P41	

SHEET NO. IP-6 OF 6 SHEETS

IP-6