

SCADA PANEL DIGITAL OUTPUTS (TBDO)			
TERM #	WIRE #	DESTINATION	DESCRIPTION OF OUTPUTS
SP-3	C211	CP-211	SCADA PANEL A/C PWR. AVAILABLE
SP-3A	C213	CP-213	SCADA PANEL A/C PWR. AVAILABLE
SP-275	S275	TBM1-8A	MFP-1 SCADA CALL
SP-275A	S275A	TBM1-8B	MFP-1 SCADA CALL
SP-276	C355	CP-355	SCADA ALARM ACKNOWLEDGEMENT
SP-276A	C356	CP-356	SCADA ALARM ACKNOWLEDGEMENT
SP-277	C40	CP-40	PRIMARY LEVEL TRANSDUCER FAILURE
SP-277A	C43	CP-43	PRIMARY LEVEL TRANSDUCER FAILURE
SP-278	C452	CP-452	LEAD PUMP CALLED FOR
SP-278A	C452A	CP-452A	LEAD PUMP CALLED FOR
SP-279	C454	CP-454	LAG PUMP CALLED FOR
SP-279A	C454A	CP-454A	LAG PUMP CALLED FOR
SP-280	C226	CP-226	SPARE FOR FUTURE
SP-280A	C228	CP-228	SPARE FOR FUTURE
SP-281	C229	CP-229	SPARE FOR FUTURE
SP-281A	C231	CP-231	SPARE FOR FUTURE
SP-300	S300	TBM2-8A	MFP-2 SCADA CALL
SP-300A	S300A	TBM2-8B	MFP-2 SCADA CALL
SP-301	C295	CP-295	DRY WELL HIGH TEMPERATURE
SP-301A	C297	CP-297	DRY WELL HIGH TEMPERATURE
SP-302	C319	CP-319	DRY WELL LOW TEMPERATURE
SP-302A	C321	CP-321	DRY WELL LOW TEMPERATURE
SP-303	C43A	CP-43	SECONDARY LEVEL TRANSDUCER FAILURE
SP-303A	C40A	CP-40A	SECONDARY LEVEL TRANSDUCER FAILURE
SP-304	C286	CP-286	BUBBLER SYSTEM WET WELL HIGH WATER ALARM
SP-304A	C288	CP-288	BUBBLER SYSTEM WET WELL HIGH WATER ALARM
SP-305	C310	CP-310	BUBBLER SYSTEM WET WELL LOW WATER ALARM
SP-305A	C312	CP-312	BUBBLER SYSTEM WET WELL LOW WATER ALARM
SP-306	C277	CP-277	SECONDARY BUBBLER SYSTEM FAILURE
SP-306A	C279	CP-279	SECONDARY BUBBLER SYSTEM FAILURE
SP-307	C313	CP-313	BAR RACK CLOGGED
SP-307A	C315	CP-315	BAR RACK CLOGGED
SP-308	C292	CP-292	ELECTRICAL ROOM HIGH TEMPERATURE
SP-308A	C294	CP-294	ELECTRICAL ROOM HIGH TEMPERATURE
SP-309	C316	CP-316	ELECTRICAL ROOM LOW TEMPERATURE
SP-309A	C318	CP-318	ELECTRICAL ROOM LOW TEMPERATURE
SP-325	S325	TBM3-8A	MFP-3 SCADA CALL
SP-325A	S325A	TBM3-8B	MFP-3 SCADA CALL
SP-326	C232	CP-232	SPARE FOR FUTURE
SP-326A	C234	CP-234	SPARE FOR FUTURE
SP-327	C256	CP-256	SPARE FOR FUTURE
SP-327A	C258	CP-258	SPARE FOR FUTURE
SP-328	C235	CP-235	SCADA PANEL PLC TROUBLE
SP-328A	C237	CP-237	SCADA PANEL PLC TROUBLE
SP-329	C259	CP-259	SCADA PANEL PLC FAILURE
SP-329A	C261	CP-261	SCADA PANEL PLC FAILURE
SP-350	S350	TBLF4-8A	LFP-4 SCADA CALL
SP-350A	S350A	TBLF4-8B	LFP-4 SCADA CALL
SP-351	C450	CP-450	PUMP OPERATION VIA BUBBLER CONTROL
SP-351A	C450A	CP-450A	PUMP OPERATION VIA BUBBLER CONTROL

SCADA PANEL DIGITAL OUTPUTS (TBDO)			
TERM #	WIRE #	DESTINATION	DESCRIPTION OF OUTPUTS
SP-352	C451	CP-451	PUMP OPERATION VIA FLOAT CONTROL
SP-352A	C451A	CP-451A	PUMP OPERATION VIA FLOAT CONTROL
SP-353	C283	CP-283	SCADA PANEL UPS LOW BATTERY
SP-353A	C285	CP-285	SCADA PANEL UPS LOW BATTERY
SP-354	C307	CP-307	SCADA PANEL UPS FAULT/OVERLOAD
SP-354A	C309	CP-309	SCADA PANEL UPS FAULT/OVERLOAD
SP-355	C331	CP-331	SPARE FOR FUTURE
SP-355A	C333	CP-333	SPARE FOR FUTURE
SP-356	C343	CP-343	SPARE FOR FUTURE
SP-356A	C345	CP-345	SPARE FOR FUTURE
SP-357	C253	CP-253	PRIMARY BUBBLER SYSTEM FAILURE
SP-357A	C255	CP-255	PRIMARY BUBBLER SYSTEM FAILURE
SP-358	C340	CP-340	SPARE FOR FUTURE
SP-358A	C342	CP-342	SPARE FOR FUTURE

SCADA PANEL ANALOG INPUTS (TBAI)			
TERM #	WIRE #	ORIGINATION	DESCRIPTION OF INPUTS
SP-400A	S400A	TBM1-0B	MFP-1 MOTOR CURRENT TRANSDUCER IT-001
SP-401A	S401A	TBM1-0C	MFP-1 MOTOR CURRENT TRANSDUCER IT-001
SP-406A	S406A	TT-402B	ELECT. ROOM THERMOSTAT TT-402B
SP-407A	S407A	TT-402B	ELECT. ROOM THERMOSTAT TT-402B
SP-429A	S429A	LIT-007A	BAR RACK LEVEL TRANSDUCER LIT-007A
SP-430A	S430A	LIT-007A	BAR RACK LEVEL TRANSDUCER LIT-007A
SP-432A	S432A	LIT-008A	WET WELL LEVEL TRANSDUCER LIT-008A
SP-433A	S433A	LIT-008A	WET WELL LEVEL TRANSDUCER LIT-008A
SP-434A	S434A	TBM2-0B	MFP-2 MOTOR CURRENT TRANSDUCER IT-002
SP-435A	S435A	TBM2-0C	MFP-2 MOTOR CURRENT TRANSDUCER IT-002
SP-451A	S451A	LIT-007B	BAR RACK LEVEL TRANSDUCER LIT-007B
SP-452A	S452A	LIT-007B	BAR RACK LEVEL TRANSDUCER LIT-007B
SP-454A	S454A	LIT-008B	WET WELL LEVEL TRANSDUCER LIT-008B
SP-455A	S455A	LIT-008B	WET WELL LEVEL TRANSDUCER LIT-008B
SP-456A	S456A	TBM3-0B	MFP-3 MOTOR CURRENT TRANSDUCER IT-003
SP-457A	S457A	TBM3-0C	MFP-3 MOTOR CURRENT TRANSDUCER IT-003
SP-475A	S475A	TBLF4-0B	LFP-4 MOTOR CURRENT TRANSDUCER IT-004
SP-476A	S476A	TBLF4-0C	LFP-4 MOTOR CURRENT TRANSDUCER IT-004

SCADA PANEL INTRINSICALLY SAFE ANALOG INPUTS (TBAIIS)			
TERM #	WIRE #	ORIGINATION	DESCRIPTION OF INPUTS
SP-404A	S404A	FIT-001	MFP-1 FLOW METER TRANSDUCER FIT-001
SP-405A	S405A	FIT-001	MFP-1 FLOW METER TRANSDUCER FIT-001
SP-426A	S426A	FT-010	RECIRC. FLOW METER TRANSMITTER FIT-010
SP-427A	S427A	FT-010	RECIRC. FLOW METER TRANSMITTER FIT-010
SP-438A	S438A	FIT-002	MFP-2 FLOW METER TRANSDUCER FIT-002
SP-439A	S439A	FIT-002	MFP-2 FLOW METER TRANSDUCER FIT-002
SP-440A	S440A	TT-402A	DRY WELL THERMOSTAT TT-402A
SP-441A	S441A	TT-402A	DRY WELL THERMOSTAT TT-402A
SP-460A	S460A	FIT-003	MFP-3 FLOW METER TRANSDUCER FIT-003
SP-461A	S461A	FIT-003	MFP-3 FLOW METER TRANSDUCER FIT-003
SP-479A	S479A	FIT-004	LFP-4 FLOW METER TRANSDUCER FIT-004
SP-480A	S480A	FIT-004	LFP-4 FLOW METER TRANSDUCER FIT-004

SCADA PANEL ANALOG OUTPUTS (TBAO)			
TERM #	WIRE #	DESTINATION	DESCRIPTION OF OUTPUTS
SP-500A	C436	CP-436	BAR RACK DIFFERENTIAL LEVEL METER LDI-007
SP-501A	C436A	CP-436A	BAR RACK DIFFERENTIAL LEVEL METER LDI-007
SP-503A	C438	CP-438	PS47 TOTAL FLOW METER FI-013
SP-504A	C438A	CP-438A	PS47 TOTAL FLOW METER FI-013
SP-509A	C440	CP-440	WET WELL LEVEL METER LI-008
SP-510A	C440A	CP-440A	WET WELL LEVEL METER LI-008



DESIGNED <i>DKC</i>	REVISED <i>-Addendum A 5-23-12</i>
CHECKED <i>KMY</i>	REVISED -
DRAWN <i>CJM</i>	REVISED -
CHECKED <i>KMY</i>	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I & C SCADA PANEL TERMINATION SCHEDULES
PUMP STATION 47

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338/IL 59	2011-035-I	DUPAGE	181	132
		CONTRACT NO. 60P41		
ILLINOIS FED. AID PROJECT				

