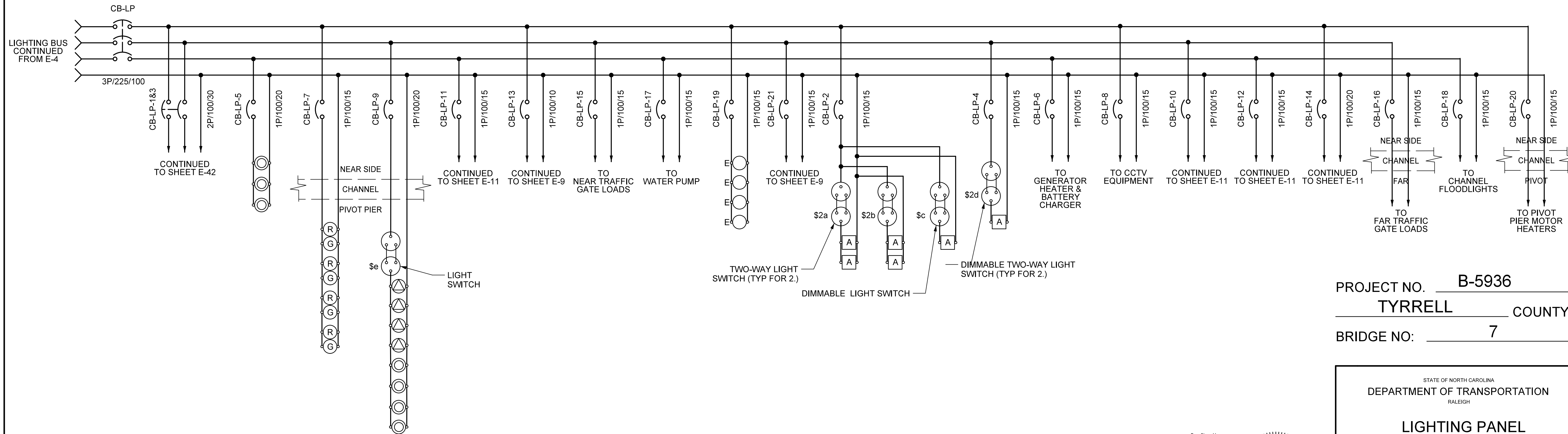


NAME/RATINGS: 208/120 VOLT, 42 SPACES, 100 A-PANELBOARD															
DESIGNATION				LOCATION						PANEL TYPE & SERVICE					
LIGHTING PANEL				CONTROL HOUSE						BUS: 120/208 VOLT 3-PHASE, 4-WIRE MAIN BREAKER: 110A, 3-POLE SERVICE: 4-NO. 4 AWG					
CIRCUIT DESCRIPTION	KVA/PHASE			TRIP	WIRE SIZE	ØA ØB ØC			WIRE SIZE	TRIP	KVA/PHASE			CIRCUIT DESCRIPTION	
	ØA	ØB	ØC			ØA	ØB	ØC							
HVAC UNIT	3.78			30	10	1	2		12	15	0.96		FIRST FLOOR LIGHTS AND RECEPTACLES		
OPERATOR HOUSE OUTDOOR LIGHTS AND RECEPTACLES		3.78		30	10	3	4		12	15	0.96		SECOND FLOOR LIGHTS AND RECEPTACLES		
SPAN NAVIGATION LIGHTS			0.96	20	12	5	6		12	15		0.60	GENERATOR HEATER AND BATTERY CHARGER		
PIVOT PIER LIGHTS AND RECEPTACLES	0.12			15	12	7	8		12	15	0.60		CCTV EQUIPMENT		
CONTROL DESK LIGHT, HEATER, AND RECEPTACLES		0.96		20	12	9	10		12	15		0.30	MAIN PLC PANEL LIGHT, HEATER, AND RECEPTACLE		
ROADWAY TRAFFIC EQUIPMENT			0.30	15	12	11	12		12	15		0.60	REMOTE PLC PANEL LIGHT, HEATER, AND RECEPTACLE		
NEAR GATES AND BARRIER 120VAC FEEDER	0.36			10	12	13	14		12	20	1.34		SIREN		
WATER PUMP		0.60		15	12	15	16		12	15		0.60	FAR GATES AND BARRIER 120VAC FEEDER		
EMERGENCY LIGHTS			0.24	15	12	17	18		12	15		0.20	CHANNEL FLOODLIGHTS		
GONG	0.14			15	12	19	20		12	15	0.24		PIVOT PIER MOTOR HEATERS CIRCUIT		
SPARE		0.36		15	12	21	22		12	20	0.00		SPARE		
SPARE			0.00	20	12	23	24		12	20		0.00	SPARE		
SPARE	0.00			20	12	25	26		12	20	0.00		SPARE		
SPARE		0.00		20	12	27	28		12	20		0.00	SPARE		
SPARE			0.00	20	12	29	30		12	20		0.00	SPARE		
SPARE	0.00			20	12	31	32		12	20	0.00		SPARE		
SPARE		0.00		20	12	33	34		12	20		0.00	SPARE		
SPARE			0.00	20	12	35	36		12	20		0.00	SPARE		
SPARE	0.00			20	12	37	38		12	20	0.00		SPARE		
SPARE		0.00		20	12	39	40		12	20		0.00	SPARE		
SPARE			0.00	20	12	41	42		12	20		0.00	SPARE		
SUB TOTAL LOAD				4.40	5.34	1.50					3.14	1.86	1.40	SUB TOTAL LOAD	
TOTAL CONNECTED LOAD				11.34			NEUTRAL BUS			6.4			TOTAL CONNECTED LOAD		

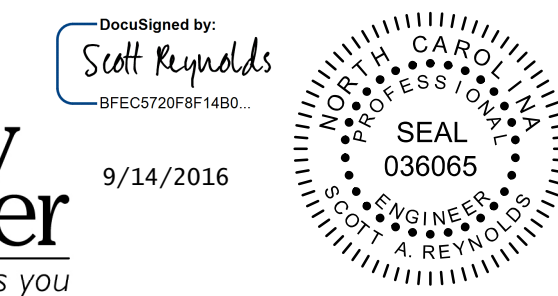


PROJECT NO. B-5936  
TYRRELL COUNTY  
BRIDGE NO: 7

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

**LIGHTING PANEL SCHEDULE**

**ALLIGATOR RIVER SWING SPAN**



DRAWN BY: \_QIV DATE: 8/8/2016  
CHECKED BY: \_MJT DATE: 8/8/2016  
DESIGN ENGINEER OF RECORD: \_CHS DATE: 8/8/2016

DWG NUMBER 48 TOTAL DWGS 90

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO. <b>E-32</b>
NO	BY	DATE	NO	BY	DATE	
1			3			TOTAL SHEETS 51
2			4			