

PIVOT PIER CONDUIT SCHEDULE

COND NO.	FROM EQUIPMENT	TO EQUIPMENT	NO. AND SIZE OF CABLE	GROUND COND.	SPARE	FILL (SQ. IN)	TRADE SIZE
C35	PIVOT PIER FIXED TERMINAL PANEL	PIVOT PIER DRAG TERMINAL PANEL	3 - NO. 6	1 - NO. 6	NONE	0.236	SOOW
C36	PIVOT PIER FIXED TERMINAL PANEL	PIVOT PIER DRAG TERMINAL PANEL	3 - NO. 8	1 - NO. 8	NONE	0.175	SOOW
C37	PIVOT PIER FIXED TERMINAL PANEL	PIVOT PIER DRAG TERMINAL PANEL	15 - NO. 10	1 - NO. 10	NONE	0.389	SOOW
C38	PIVOT PIER FIXED TERMINAL PANEL	PIVOT PIER DRAG TERMINAL PANEL	23 - NO. 12	NONE	6 - NO. 12	0.416	SOOW
C39	PIVOT PIER FIXED TERMINAL PANEL	PIVOT PIER DRAG TERMINAL PANEL	6 - NO. 14	NONE	NONE	0.056	SOOW
C40	PIVOT PIER FIXED TERMINAL PANEL	PIVOT PIER DRAG TERMINAL PANEL	1 - FIBER OPTIC	-	NONE	-	SOOW
C41	PIVOT PIER DRAG TERMINAL PANEL	AUXILIARY MANUAL TRANSFER SWITCH	3 - NO. 8	1 - NO. 12	NONE	0.149	3/4"
C42	AUXILIARY MANUAL TRANSFER SWITCH	PORTABLE GENERATOR RECEPTACLE	3 - NO. 8	1 - NO. 12	NONE	0.149	3/4"
C43	PIVOT PIER DRAG TERMINAL PANEL	SPAN MOTOR DISCONNECT (POWER)	3 - NO. 6	1 - NO. 8	NONE	0.221	1"
C44	PIVOT PIER DRAG TERMINAL PANEL	SPAN MOTOR DISCONNECT (CONTROLS)	4 - NO. 12	1 - NO. 12	NONE	0.091	3/4"
C45	SPAN MOTOR DISCONNECT	SPAN MOTOR (POWER)	3 - NO. 6	1 - NO. 8	NONE	0.221	1"
C46	SPAN MOTOR DISCONNECT	SPAN MOTOR (CONTROLS)	2 - NO. 12	1 - NO. 12	NONE	0.054	3/4"
C47	PIVOT PIER DRAG TERMINAL PANEL	SPAN MOTOR BRAKE DISCONNECT	3 - NO. 10	1 - NO. 10	NONE	0.097	3/4"
C48	PIVOT PIER DRAG TERMINAL PANEL	SPAN MOTOR BRAKE DISCONNECT (CONTROLS)	4 - NO. 12	1 - NO. 12	NONE	0.091	3/4"
C49	SPAN MOTOR BRAKE DISCONNECT	SPAN MOTOR BRAKE	3 - NO. 10	1 - NO. 10	NONE	0.097	3/4"
C50	SPAN MOTOR BRAKE DISCONNECT	SPAN MOTOR BRAKE	2 - NO. 12	1 - NO. 12	NONE	0.054	3/4"
C51	PIVOT PIER DRAG TERMINAL PANEL	WEDGE MOTOR DISCONNECT	3 - NO. 8	1 - NO. 12	NONE	0.149	3/4"
C52	PIVOT PIER DRAG TERMINAL PANEL	WEDGE MOTOR DISCONNECT (CONTROLS)	4 - NO. 12	1 - NO. 12	NONE	0.091	3/4"
C53	WEDGE MOTOR DISCONNECT	WEDGE MOTOR	3 - NO. 8	1 - NO. 12	NONE	0.149	3/4"
C54	WEDGE MOTOR DISCONNECT	WEDGE MOTOR	2 - NO. 12	1 - NO. 12	NONE	0.054	3/4"
C55	PIVOT PIER DRAG TERMINAL PANEL	MACHINERY BRAKE 1 DISCONNECT	3 - NO. 10	1 - NO. 10	NONE	0.097	3/4"
C56	PIVOT PIER DRAG TERMINAL PANEL	MACHINERY BRAKE 1 DISCONNECT (CONTROLS)	4 - NO. 12	1 - NO. 12	NONE	0.091	3/4"
C57	MACHINERY BRAKE 1 DISCONNECT	MACHINERY BRAKE 1	3 - NO. 10	1 - NO. 10	NONE	0.097	3/4"
C58	MACHINERY BRAKE 1 DISCONNECT	MACHINERY BRAKE 1	2 - NO. 12	1 - NO. 12	NONE	0.054	3/4"
C59	PIVOT PIER DRAG TERMINAL PANEL	MACHINERY BRAKE 2 DISCONNECT	3 - NO. 10	1 - NO. 10	NONE	0.097	3/4"
C60	PIVOT PIER DRAG TERMINAL PANEL	MACHINERY BRAKE 2 DISCONNECT (CONTROLS)	4 - NO. 12	1 - NO. 12	NONE	0.091	3/4"
C61	MACHINERY BRAKE 2 DISCONNECT	MACHINERY BRAKE 2	3 - NO. 10	1 - NO. 10	NONE	0.097	3/4"
C62	MACHINERY BRAKE 2 DISCONNECT	MACHINERY BRAKE 2	2 - NO. 12	1 - NO. 12	NONE	0.054	3/4"
C63	PIVOT PIER DRAG TERMINAL PANEL	SPAN POSITION ENCODER	6 - NO. 14	NONE	NONE	0.083	3/4"
C64	PIVOT PIER DRAG PANEL	REMOTE PLC PANEL	6 - NO. 12	1 - NO. 12	NONE	0.127	3/4"
C65	PIVOT PIER DRAG PANEL	REMOTE PLC PANEL	1 - FIBER OPTIC	-	NONE	-	1"
C66	REMOTE PLC PANEL	SPAN POSITION TRANSMITTER	4 - NO. 14	NONE	NONE	0.056	3/4"
C67	REMOTE PLC PANEL	SPAN RCLS	11 - NO. 12	1 - NO. 12	2 - NO. 12	0.253	1"
C68	REMOTE PLC PANEL	MANUAL OPERATION LIMIT SWITCH	2 - NO. 12	1 - NO. 12	NONE	0.054	3/4"
C69	REMOTE PLC PANEL	FULLY OPEN OVERTRAVEL LIMIT SWITCH	3 - NO. 12	1 - NO. 12	NONE	0.072	3/4"
C70	REMOTE PLC PANEL	FULLY OPEN LIMIT SWITCH	2 - NO. 12	1 - NO. 12	NONE	0.054	3/4"
C71	REMOTE PLC PANEL	WEDGE MOTOR JB	11 - NO. 12	1 - NO. 12	NONE	0.217	3/4"
C72	WEDGE MOTOR JUNCTION BOX	WEDGE RCLS	9 - NO. 12 AWG	1 - NO. 12	NONE	0.181	3/4"
C73	WEDGE MOTOR JUNCTION BOX	HAND CRANK LIMIT SWITCH	2 - NO. 12	1 - NO. 12	NONE	0.054	3/4"
C74	REMOTE PLC PANEL	MOTOR BRAKE JUNCTION BOX	6 - NO. 12	1 - NO. 12	NONE	0.127	3/4"
C75	MOTOR BRAKE JUNCTION BOX	MOTOR BRAKE SET LIMIT SWITCH	2 - NO. 12	1 - NO. 12	NONE	0.054	3/4"
C76	MOTOR BRAKE JUNCTION BOX	MOTOR BRAKE RELEASED LIMIT SWITCH	2 - NO. 12	1 - NO. 12	NONE	0.054	3/4"
C77	MOTOR BRAKE JUNCTION BOX	MOTOR BRAKE HAND RELEASED LIMIT SWITCH	2 - NO. 12	1 - NO. 12	NONE	0.054	3/4"
C78	REMOTE PLC PANEL	MACHINERY BRAKE 1 JUNCTION BOX	6 - NO. 12	1 - NO. 12	NONE	0.127	3/4"
C79	MACHINERY BRAKE 1 JUNCTION BOX	MACHINERY BRAKE 1 SET LIMIT SWITCH	2 - NO. 12	1 - NO. 12	NONE	0.054	3/4"
C80	MACHINERY BRAKE 1 JUNCTION BOX	MACHINERY BRAKE 1 RELEASED LIMIT SWITCH	2 - NO. 12	1 - NO. 12	NONE	0.054	3/4"
C81	MACHINERY BRAKE 1 JUNCTION BOX	MACHINERY BRAKE 1 HAND RELEASED LIMIT SWITCH	2 - NO. 12	1 - NO. 12	NONE	0.054	3/4"
C82	REMOTE PLC PANEL	MACHINERY BRAKE 2 JUNCTION BOX	6 - NO. 12	1 - NO. 12	NONE	0.127	3/4"
C83	MACHINERY BRAKE 2 JUNCTION BOX	MACHINERY BRAKE 2 SET LIMIT SWITCH	2 - NO. 12	1 - NO. 12	NONE	0.054	3/4"
C84	MACHINERY BRAKE 2 JUNCTION BOX	MACHINERY BRAKE 2 RELEASED LIMIT SWITCH	2 - NO. 12	1 - NO. 12	NONE	0.054	3/4"
C85	MACHINERY BRAKE 2 JUNCTION BOX	MACHINERY BRAKE 2 HAND RELEASED LIMIT SWITCH	2 - NO. 12	1 - NO. 12	NONE	0.054	3/4"

NOTES:

1. ALL NOTES ON SHEET E-45 APPLY TO THIS SHEET.

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

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

CONDUIT SIZE & FILL SCHEDULE 2

ALLIGATOR RIVER SWING SPAN

DocuSigned by:  
 Scott Reynolds  
 9/14/2016



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 62	TOTAL DWGS 90	DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	NO. BY: DATE: NO. BY: DATE: NO. BY: DATE:	SHEET NO. E-46
			1 1 1 2 4	TOTAL SHEETS 51

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