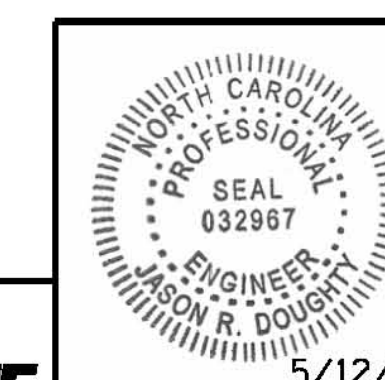


INDEX OF DRAWINGS

1	TITLE SHEET	79	F.I.B. 72"PRESTRESSED CONCRETE GIRDER - SPAN G	157	BENT 3 SECTIONS AND DETAILS
2	INDEX OF DRAWINGS - SHEET 1 OF 2	80	F.I.B. 72"PRESTRESSED CONCRETE GIRDER - SPANS H AND I	158	BENTS 4 AND 5 PLAN AND ELEVATION
3	INDEX OF DRAWINGS - SHEET 2 OF 2	81	F.I.B. 72"PRESTRESSED CONCRETE GIRDER - SPANS G,H AND I	159	BENTS 4 AND 5 SECTIONS AND DETAILS
4	GENERAL DRAWING (SECTION ALONG L2-LINE & PLAN) SHEET 1 OF 9	82	F.I.B. 72"PRESTRESSED CONCRETE GIRDER - SPAN M	160	BENTS 6 THROUGH 10 PLAN AND ELEVATION
5	GENERAL DRAWING (SECTION ALONG L2-LINE & PLAN) SHEET 2 OF 9	83	F.I.B. 72"PRESTRESSED CONCRETE GIRDER - SPAN Z	161	BENTS 6 THROUGH 10 SECTIONS AND DETAILS
6	GENERAL DRAWING (SECTION ALONG L2-LINE & PLAN) SHEET 3 OF 9	84	F.I.B. 72"PRESTRESSED CONCRETE GIRDER - SPANS M AND Z	162	BENTS 6 THROUGH 10 FOOTING DETAILS
7	GENERAL DRAWING (SECTION ALONG L2-LINE & PLAN) SHEET 4 OF 9	85	F.I.B. 78"PRESTRESSED CONCRETE GIRDER - SPAN N	163	BENTS 6 THROUGH 10 BILL OF MATERIAL
8	GENERAL DRAWING (SECTION ALONG L2-LINE & PLAN) SHEET 5 OF 9	86	F.I.B. 78"PRESTRESSED CONCRETE GIRDER - SPAN O	164	BENTS 6 THROUGH 10 BILL OF MATERIAL
9	GENERAL DRAWING (SECTION ALONG L2-LINE & PLAN) SHEET 6 OF 9	87	F.I.B. 78"PRESTRESSED CONCRETE GIRDER - SPAN P	165	BENTS 11 AND 12 PLAN AND ELEVATION
10	GENERAL DRAWING (SECTION ALONG L2-LINE & PLAN) SHEET 7 OF 9	88	F.I.B. 78"PRESTRESSED CONCRETE GIRDER - SPANS N, O AND P	166	BENTS 11 AND 12 SECTIONS AND DETAILS
11	GENERAL DRAWING (SECTION ALONG L2-LINE & PLAN) SHEET 8 OF 9	89	F.I.B. 78"PRESTRESSED CONCRETE GIRDER - SPANS Q, T AND W	167	BENTS 11 AND 12 SECTIONS AND DETAILS
12	GENERAL DRAWING (SECTION ALONG L2-LINE & PLAN) SHEET 9 OF 9	90	F.I.B. 78"PRESTRESSED CONCRETE GIRDER - SPANS R AND U	168	BENTS 11 AND 12 BILL OF MATERIAL
13	GENERAL DRAWING - FOUNDATION LAYOUT SHEET 1 OF 4	91	F.I.B. 78"PRESTRESSED CONCRETE GIRDER - SPAN X	169	BENTS 11 AND 12 BILL OF MATERIAL
14	GENERAL DRAWING - FOUNDATION LAYOUT SHEET 2 OF 4	92	F.I.B. 78"PRESTRESSED CONCRETE GIRDER - SPANS S, V AND Y	170	BENTS 13 AND 16 PLAN AND ELEVATION
15	GENERAL DRAWING - FOUNDATION LAYOUT SHEET 3 OF 4	93	F.I.B. 78"PRESTRESSED CONCRETE GIRDER - SPANS Q THROUGH Y	171	BENTS 13 AND 16 SECTIONS AND DETAILS
16	GENERAL DRAWING - FOUNDATION LAYOUT SHEET 4 OF 4	94	F.I.B. 78"PRESTRESSED CONCRETE GIRDER - SPANS Q THROUGH Y	172	BENTS 13 AND 16 SECTIONS AND DETAILS
17	GENERAL DRAWING - FOUNDATION NOTES	95	AASHTO TYPE IV PRESTRESSED CONCRETE GIRDER CONTINUOUS FOR LIVE LOAD - SPAN AA	173	BENTS 13 AND 16 BILL OF MATERIAL
18	GENERAL DRAWING - LONG CHORD LAYOUT SPANS M TO Y SHEET 1 OF 6	96	AASHTO TYPE IV PRESTRESSED CONCRETE GIRDER CONTINUOUS FOR LIVE LOAD - SPAN AB	174	BENTS 13 AND 16 BILL OF MATERIAL
19	GENERAL DRAWING - CHORD LAYOUT - SPAN M SHEET 2 OF 6	97	AASHTO TYPE IV PRESTRESSED CONCRETE GIRDER CONTINUOUS FOR LIVE LOAD - SPAN AC	175	BENTS 14 AND 15 PLAN AND ELEVATION
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21	GENERAL DRAWING - CHORD LAYOUT - UNIT 6 SHEET 4 OF 6	99	PRESTRESSED CONCRETE GIRDER CONTINUOUS FOR LIVE LOAD DETAILS - FIB GIRDERS	177	BENTS 14 AND 15 FOOTING DETAILS
22	GENERAL DRAWING - CHORD LAYOUT - UNIT 7 SHEET 5 OF 6	100	PRESTRESSED CONCRETE GIRDER CONTINUOUS FOR LIVE LOAD DETAILS - UNIT 10	178	BENTS 14 AND 15 BILL OF MATERIAL
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25	GENERAL DRAWING - GENERAL NOTES	103	DEAD LOAD DEFLECTIONS - 78" FIB GIRDERS SHEET	181	BENTS 17 AND 18 SECTIONS AND DETAILS
26	GENERAL DRAWING - TOTAL BILL OF MATERIAL - SHEET 1 OF 2	104	INTERMEDIATE STEEL DIAPHRAGMS FOR TYPE IV PRESTRESSED CONCRETE GIRDERS	182	BENTS 17 AND 18 SECTIONS AND DETAILS
27	GENERAL DRAWING - TOTAL BILL OF MATERIAL - SHEET 2 OF 2	105	INTERMEDIATE STEEL DIAPHRAGMS FOR F.I.B. PRESTRESSED CONCRETE GIRDERS	183	BENTS 17 AND 18 BILL OF MATERIAL
28	LRFR SUMMARY FOR PRESTRESSED CONCRETE GIRDERS - AASHTO TYPE IV GIRDERS	106	ELASTOMERIC BEARING DETAILS - SHEET 1 OF 3	184	BENTS 17 AND 18 BILL OF MATERIAL
29	LRFR SUMMARY FOR PRESTRESSED CONCRETE GIRDERS - F.I.B. 72" FOR UNITS 2, 4 & 9 & SPAN J	107	ELASTOMERIC BEARING DETAILS - SHEET 2 OF 3	185	BENTS 19 THROUGH 22 PLAN AND ELEVATION
30	LRFR SUMMARY FOR PRESTRESSED CONCRETE GIRDERS - F.I.B. 72" FOR SPANS G, H AND I	108	ELASTOMERIC BEARING DETAILS - SHEET 3 OF 3	186	BENTS 19 THROUGH 22 SECTIONS AND DETAILS
31	LRFR SUMMARY FOR PRESTRESSED CONCRETE GIRDERS - F.I.B. 78" FOR UNITS 5, 6, 7 & 8	109	2-BAR METAL RAIL - SHEET 1 OF 4	187	BENTS 19 THROUGH 22 FOOTING DETAILS
32	SUPERSTRUCTURE TYPICAL SECTION - SPANS A, B AND C	110	2-BAR METAL RAIL - SHEET 2 OF 4	188	BENTS 19 THROUGH 22 BILL OF MATERIAL
33	SUPERSTRUCTURE TYPICAL SECTION - SPANS D THROUGH M	111	RAIL POST SPACINGS AND END OF RAIL DETAILS - SHEET 3 OF 4	189	BENTS 19 THROUGH 22 BILL OF MATERIAL
34	SUPERSTRUCTURE TYPICAL SECTION - SPANS N THROUGH Y	112	CONCRETE PARAPET FOR TWO BAR METAL RAIL - SHEET 4 OF 4	190	BENT 23 PLAN AND ELEVATION
35	SUPERSTRUCTURE TYPICAL SECTION - SPANS N THROUGH Y	113	VERTICAL CONCRETE BARRIER RAIL	191	BENT 23 SECTIONS AND DETAILS
36	SUPERSTRUCTURE TYPICAL SECTION - SPAN Z	114	VERTICAL CONCRETE BARRIER RAIL, PARAPET AND RAIL POST LAYOUT - SHEET 1 OF 5	192	BENT 24 PLAN AND ELEVATION
37	SUPERSTRUCTURE TYPICAL SECTION - SPANS AA, AB AND AC	115	VERTICAL CONCRETE BARRIER RAIL, PARAPET AND RAIL POST LAYOUT - SHEET 2 OF 5	193	BENT 24 SECTIONS AND DETAILS
38	SUPERSTRUCTURE TYPICAL SECTION - SPANS AA, AB AND AC	116	VERTICAL CONCRETE BARRIER RAIL, PARAPET AND RAIL POST LAYOUT - SHEET 3 OF 5	194	BENT 25 PLAN AND ELEVATION
39	SUPERSTRUCTURE TYPICAL SECTION - DETAILS - SPANS A, B AND C	117	VERTICAL CONCRETE BARRIER RAIL, PARAPET AND RAIL POST LAYOUT - SHEET 4 OF 5	195	BENT 25 SECTIONS AND DETAILS
40	SUPERSTRUCTURE TYPICAL SECTION - DETAILS - SPANS D THROUGH M	118	VERTICAL CONCRETE BARRIER RAIL, PARAPET AND RAIL POST LAYOUT - SHEET 5 OF 5	196	BENT 26 PLAN AND ELEVATION
41	SUPERSTRUCTURE TYPICAL SECTION - DETAILS - SPANS N THROUGH Y	119	PEDESTRIAN RAILING - NOTES - SHEET 1 OF 13	197	BENT 26 SECTIONS AND DETAILS
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43	SUPERSTRUCTURE TYPICAL SECTION - DETAILS - SPANS AA, AB AND AC	121	PEDESTRIAN RAILING - DETAILS - SHEET 3 OF 13	199	BENT 27 SECTIONS AND DETAILS
44	SUPERSTRUCTURE TYPICAL SECTION - DETAILS - BAY 1 ALL SPANS	122	PEDESTRIAN RAILING - DETAILS - SHEET 4 OF 13	200	BENT 28 PLAN AND ELEVATION
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49	PLAN OF SPANS - UNIT 2 - SPANS D THROUGH F	127	PEDESTRIAN RAILING - RAIL POST SPACING AND PLAN OF CONCRETE CURB - SHEET 9 OF 13	205	12-INCH PRECAST PRESTRESSED CONCRETE PILE
50	PLAN OF SPANS - UNIT 3 - SPANS G THROUGH J	128	PEDESTRIAN RAILING - RAIL POST SPACING AND PLAN OF CONCRETE CURB - SHEET 10 OF 13	206	PLASTIC LUMBER FENDER SYSTEM
51	PLAN OF SPANS - UNIT 3 - SPANS G THROUGH J	129	PEDESTRIAN RAILING - RAIL POST SPACING AND PLAN OF CONCRETE CURB - SHEET 11 OF 13	207	BRIDGE APPROACH SLAB FOR FLEXIBLE PAVEMENT - SHEET 1 OF 3
52	PLAN OF SPANS - UNIT 4 - SPANS K THROUGH M	130	PEDESTRIAN RAILING - RAIL POST SPACING AND PLAN OF CONCRETE CURB - SHEET 12 OF 13	208	BRIDGE APPROACH SLAB FOR FLEXIBLE PAVEMENT - SHEET 2 OF 3
53	PLAN OF SPANS - UNIT 4 - SPANS K THROUGH M	131	PEDESTRIAN RAILING - RAIL POST SPACING AND PLAN OF CONCRETE CURB - SHEET 13 OF 13	209	BRIDGE APPROACH SLAB DETAILS - SHEET 3 OF 3
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60	PLAN OF SPANS - UNIT 10 - SPANS AA, AB AND AC	138	PEDESTRIAN LIGHTING ON BRIDGE ON NC50/NC210 OVER THE INTRACOASTAL WATERWAY - SHEET 1 OF 2		
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78	F.I.B. 72"PRESTRESSED CONCRETE GIRDER - SPANS D,E,F,J,K AND L	156	BENT 3 PLAN AND ELEVATION		

PROJECT NO. B-4929
PENDER COUNTY
STATION: 38+13.81 -L2-

SHEET 1 OF 2



PARSONS BRINCKERHOFF
434 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
LICENSE NO. F-0165

DocuSigned by:
Jason R. Doughty
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STATE OF NORTH CAROLINA					
DEPARTMENT OF TRANSPORTATION					
RALEIGH					
INDEX OF DRAWINGS					
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
SHEET NO.					S-2
TOTAL SHEETS					278

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