

NOTES

W.P. #1 & #48 ARE ON THE END BENT CONTROL LINE NOT THE BACK OF CAP.

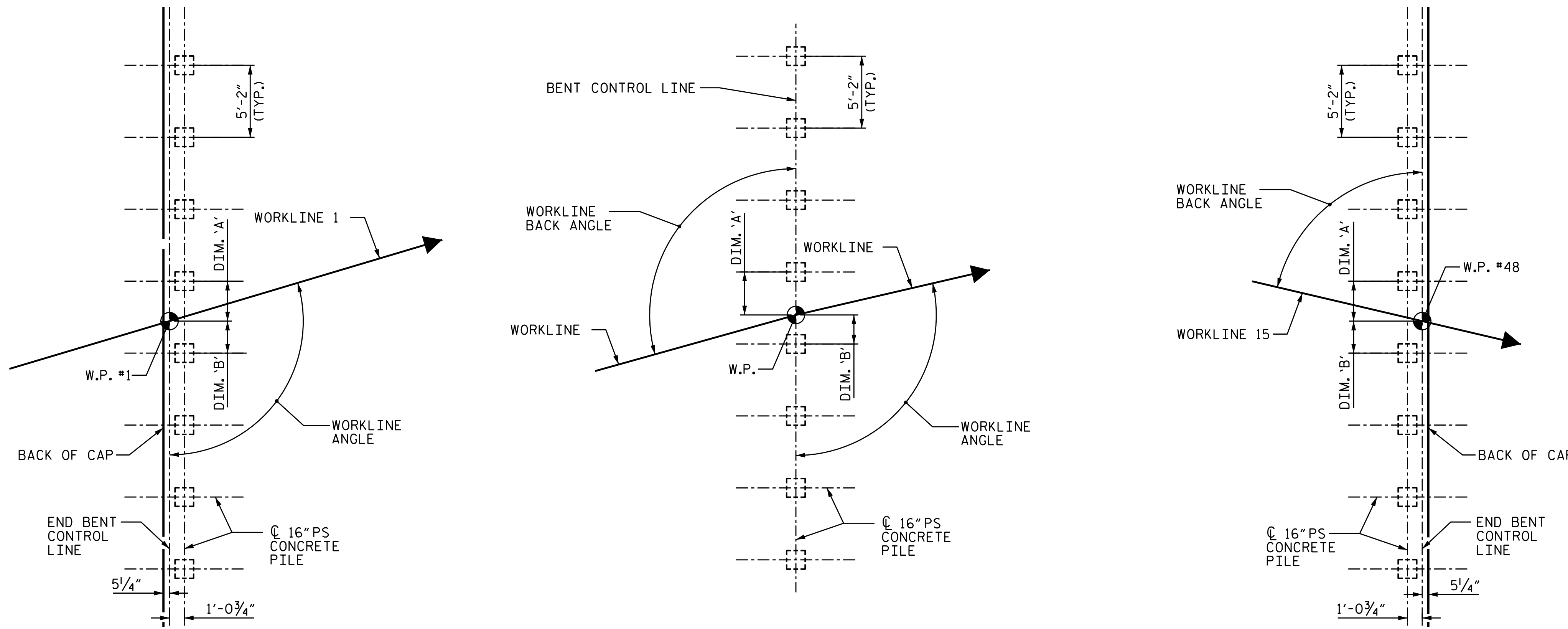
W.P. #1, 2, 3, 4, 5, 8, 11, 14, 17, 20, 23, 26, 29, 32, 35, 38, 41, 42, 43, 44 & 48 ARE LOCATED ON THE WORKLINES AND SURVEY LINE -L-.

W.P. #6, 7, 9, 10, 12, 13, 15, 16, 18, 19, 21, 22, 24, 25, 27, 28, 30, 31, 33, 34, 36, 37, 39, 40, 45, 46 & 47 ARE LOCATED ONLY ALONG THE WORKLINES.

THE WORK POINTS ON THIS STRUCTURE ARE LOCATED ALONG 15 TANGENT WORKLINES:

WORK POINTS #1 THRU #5 ARE LOCATED ON WORKLINE 1.
 WORK POINTS #5 THRU #8 ARE LOCATED ON WORKLINE 2.
 WORK POINTS #8 THRU #11 ARE LOCATED ON WORKLINE 3.
 WORK POINTS #11 THRU #14 ARE LOCATED ON WORKLINE 4.
 WORK POINTS #14 THRU #17 ARE LOCATED ON WORKLINE 5.
 WORK POINTS #17 THRU #20 ARE LOCATED ON WORKLINE 6.
 WORK POINTS #20 THRU #23 ARE LOCATED ON WORKLINE 7.
 WORK POINTS #23 THRU #26 ARE LOCATED ON WORKLINE 8.
 WORK POINTS #26 THRU #29 ARE LOCATED ON WORKLINE 9.
 WORK POINTS #29 THRU #32 ARE LOCATED ON WORKLINE 10.
 WORK POINTS #32 THRU #35 ARE LOCATED ON WORKLINE 11.
 WORK POINTS #35 THRU #38 ARE LOCATED ON WORKLINE 12.
 WORK POINTS #38 THRU #41 ARE LOCATED ON WORKLINE 13.
 WORK POINTS #41 THRU #44 ARE LOCATED ON WORKLINE 14.
 WORK POINTS #44 THRU #48 ARE LOCATED ON WORKLINE 15.

FOR WORK POINT LAYOUT DETAILS AND DIMENSIONS, SEE "LONG CHORD LAYOUT" SHEETS.



END BENT 1
 NOTE BACK OF CAP IS OFFSET FROM THE END BENT CONTROL LINE

BENTS

END BENT 2
 NOTE BACK OF CAP IS OFFSET FROM THE END BENT CONTROL LINE

FOUNDATION LAYOUT ANGLES & DIMENSIONS

	WORKLINE 1				WORKLINE 2				WORKLINE 3				WORKLINE 4				
WORK POINT NUMBER	1	2	3	4	5	6	7	8	9	10	11	12	13				
BENT NUMBER	END BENT 1	BENT 1	BENT 2	BENT 3	BENT 4	BENT 5	BENT 6	BENT 7	BENT 8	BENT 9	BENT 10	BENT 11	BENT 12				
W.P. STATION -L-	3159+00.00	3159+50.00	3160+00.00	3160+50.00	3161+00.00	3161+50.00	3162+00.00	3162+50.00	3163+00.00	3163+50.00	3164+00.00	3164+50.00	3165+00.00				
WORKLINE ANGLE	106°-36'-01.2"	106°-36'-01.2"	106°-36'-01.2"	106°-36'-01.2"	105°-36'-19.7"	105°-36'-19.7"	105°-36'-19.7"	103°-01'-18.4"	103°-01'-18.4"	103°-01'-18.4"	100°-25'-02.7"	100°-25'-02.7"	100°-25'-02.7"				
WORKLINE BACK ANGLE	--	106°-36'-01.2"	106°-36'-01.2"	106°-36'-01.2"	106°-36'-01.2"	105°-36'-19.7"	105°-36'-19.7"	105°-36'-19.7"	103°-01'-18.4"	103°-01'-18.4"	103°-01'-18.4"	100°-25'-02.7"	100°-25'-02.7"				
DIMENSION A	2'-0 7/8"	3'-1 1/4"	3'-1 1/4"	3'-1 1/4"	3'-1 1/4"	3'-1 1/4"	3'-1 1/4"	3'-1 1/4"	3'-1 3/16"	3'-1 3/16"	3'-1 1/8"	3'-1 1/8"	3'-1 1/8"				
DIMENSION B	3'-1 1/8"	2'-0 3/4"	2'-0 3/4"	2'-0 3/4"	2'-0 3/4"	2'-0 3/4"	2'-0 3/4"	2'-0 3/4"	2'-0 13/16"	2'-0 13/16"	2'-0 13/16"	2'-0 1/8"	2'-0 1/8"				

	WL 4	WORKLINE 5				WORKLINE 6				WORKLINE 7				WORKLINE 8				WL 9
WORK POINT NUMBER	14	15	16	17	18	19	20	21	22	23	24	25	26					
BENT NUMBER	BENT 13	BENT 14	BENT 15	BENT 16	BENT 17	BENT 18	BENT 19	BENT 20	BENT 21	BENT 22	BENT 23	BENT 24	BENT 25					
W.P. STATION -L-	3165+50.00	3166+00.00	3166+50.00	3167+00.00	3167+50.00	3168+00.00	3168+50.00	3169+00.00	3169+50.00	3170+00.00	3170+50.00	3171+00.00	3171+50.00					
WORKLINE ANGLE	97°-48'-47.0"	97°-48'-47.0"	97°-48'-47.0"	95°-12'-31.3"	95°-12'-31.3"	95°-12'-31.3"	92°-36'-15.7"	92°-36'-15.7"	92°-36'-15.7"	90°-00'-00.0"	90°-00'-00.0"	90°-00'-00.0"	87°-23'-44.3"					
WORKLINE BACK ANGLE	100°-25'-02.7"	97°-48'-47.0"	97°-48'-47.0"	97°-48'-47.0"	95°-12'-31.3"	95°-12'-31.3"	95°-12'-31.3"	92°-36'-15.7"	92°-36'-15.7"	92°-36'-15.7"	90°-00'-00.0"	90°-00'-00.0"	90°-00'-00.0"					
DIMENSION A	3'-1 1/16"	3'-1 1/16"	3'-1 1/16"	3'-1 1/16"	3'-1"	3'-1"	3'-1"	3'-1"	3'-1"	3'-1"	3'-1"	3'-1"	3'-1"					
DIMENSION B	2'-0 5/16"	2'-0 5/16"	2'-0 5/16"	2'-0 5/16"	2'-1"	2'-1"	2'-1"	2'-1"	2'-1"	2'-1"	2'-1"	2'-1"	2'-1"					

	WORKLINE 9				WORKLINE 10				WORKLINE 11				WORKLINE 12				WORKLINE 13	
WORK POINT NUMBER	27	28	29	30	31	32	33	34	35	36	37	38	39					
BENT NUMBER	BENT 26	BENT 27	BENT 28	BENT 29	BENT 30	BENT 31	BENT 32	BENT 33	BENT 34	BENT 35	BENT 36	BENT 37	BENT 38					
W.P. STATION -L-	3172+00.00	3172+50.00	3173+00.00	3173+50.00	3174+00.00	3174+50.00	3175+00.00	3175+50.00	3176+00.00	3176+50.00	3177+00.00	3177+50.00	3178+00.00					
WORKLINE ANGLE	87°-23'-44.3"	87°-23'-44.3"	84°-47'-28.7"	84°-47'-28.7"	84°-47'-28.7"	82°-11'-13.0"	82°-11'-13.0"	82°-11'-13.0"	79°-34'-57.3"	79°-34'-57.3"	79°-34'-57.3"	77°-11'-37.1"	77°-11'-37.1"					
WORKLINE BACK ANGLE	87°-23'-44.3"	87°-23'-44.3"	87°-23'-44.3"	84°-47'-28.7"	84°-47'-28.7"	84°-47'-28.7"	82°-11'-13.0"	82°-11'-13.0"	82°-11'-13.0"	79°-34'-57.3"	79°-34'-57.3"	79°-34'-57.3"	77°-11'-37.1"					
DIMENSION A	3'-1"	3'-1"	3'-1"	3'-1"	3'-1"	3'-1 1/16"	3'-1 1/16"	3'-1 1/16"	3'-1 1/16"	3'-1 1/8"	3'-1 1/8"	3'-1 1/8"	3'-1 1/8"					
DIMENSION B	2'-1"	2'-1"	2'-1"	2'-1"	2'-1"	2'-0 5/16"	2'-0 5/16"	2'-0 5/16"	2'-0 5/16"	2'-0 1/8"	2'-0 1/8"	2'-0 1/8"	2'-0 1/8"					

	WORKLINE 13		WORKLINE 14				WORKLINE 15				
WORK POINT NUMBER	40	41	42	43	44	45	46	47	48		
BENT NUMBER	BENT 39	BENT 40	BENT 41	BENT 42	BENT 43	BENT 44	BENT 45	BENT 46	END BENT 2		
W.P. STATION -L-	3178+50.00	3179+00.00	3179+50.00	3180+00.00	3180+50.00	3181+00.00	3181+50.00	3182+00.00	3182+50.00		
WORKLINE ANGLE	77°-11'-37.1"	76°-44'-07.2"	76°-44'-07.2"	76°-44'-07.2"	76°-44'-07.2"	76°-49'-51.6"	76°-49'-51.6"	76°-49'-51.6"	--		
WORKLINE BACK ANGLE	77°-11'-37.1"	77°-11'-37.1"	76°-44'-07.2"	76°-44'-07.2"	76°-44'-07.2"	76°-49'-51.6"	76°-49'-51.6"	76°-49'-51.6"	76°-49'-51.6"		
DIMENSION A	3'-1 1/8"	3'-1 3/16"	3'-1 3/16"	3'-1 3/16"	3'-1 3/16"	3'-1 3/16"	3'-1 3/16"	3'-1 3/16"	2'-3 1/8"		
DIMENSION B	2'-0 7/8"	2'-0 13/16"	2'-0 13/16"	2'-0 13/16"	2'-0 13/16"	2'-0 13/16"	2'-0 13/16"	2'-0 13/16"	2'-10 7/8"		

DRAWN BY : M.A. ALLEN DATE : 6/15
 CHECKED BY : T.M. GARRISON, P.E. DATE : 6/15
 DESIGN ENGINEER OF RECORD: T.M. GARRISON, P.E. DATE : 6/15

24-JUL-2015 16:37
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 t.garrison



DocuSigned by:
 61EAF7520343408
 8/3/2015

PROJECT NO. B-2500AB
DARE COUNTY
 STATION: 3170+75.00 -L-

SHEET 4 OF 8

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**GENERAL DRAWING
 BRIDGE ON NC 12
 OVER NEW INLET
 AT PEA ISLAND**

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-4
1			3			TOTAL SHEETS
2			4			44