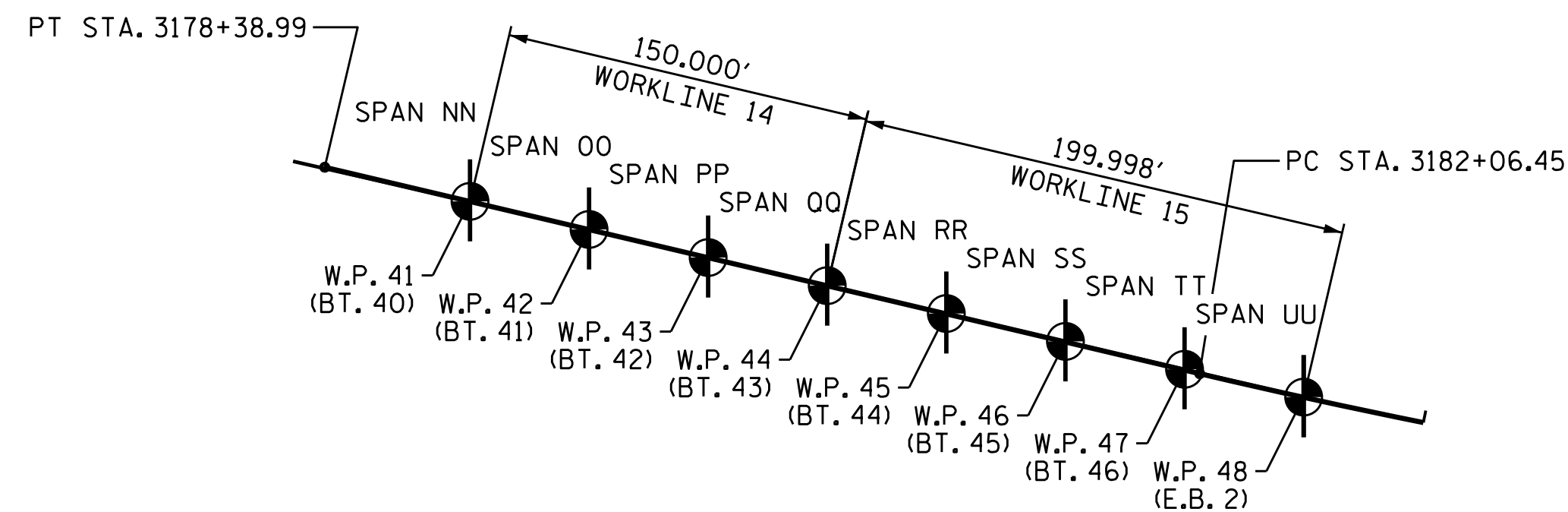


WORKLINE 1 LAYOUT
(FROM STATION 3159+00 TO 3161+00)



WORKLINE 14 LAYOUT
(FROM STATION 3179+00 TO 3180+50)

WORKLINE 15 LAYOUT
(FROM STATION 3180+50 TO 3182+50)

NOTES

W.P. #1 & 48 ARE ON THE END BENT CONTROL LINE NOT THE BACK OF CAP.
 W.P. #1, 2, 3, 4, 5, 41, 42, 43, 44 & 48 ARE LOCATED ON THE WORKLINES AND SURVEY LINE -L-.
 W.P. #45, 46 & 47 ARE LOCATED ONLY ALONG THE WORKLINES.
 THE WORK POINTS ARE LOCATED ALONG TANGENT WORKLINES:
 WORK POINTS #1 THRU #5 ARE LOCATED ON WORKLINE 1.
 WORK POINTS #41 THRU #44 ARE LOCATED ON WORKLINE 14.
 WORK POINTS #44 THRU #48 ARE LOCATED ON WORKLINE 15.

WORKLINE 1 ANGLES & DIMENSIONS

WORKLINE 1					
WORK POINT NUMBER	1	2	3	4	5
BENT NUMBER	END BENT 1	BENT 1	BENT 2	BENT 3	BENT 4
W.P. STATION -L-	3159+00.00	3159+50.00	3160+00.00	3160+50.00	3161+00.00
WORKLINE ANGLE	106°-36'-01.2"	106°-36'-01.2"	106°-36'-01.2"	106°-36'-01.2"	105°-36'-19.7"
WORKLINE BACK ANGLE	--	106°-36'-01.2"	106°-36'-01.2"	106°-36'-01.2"	106°-36'-01.2"
DIMENSION WL (FT)	50.000	50.000	50.000	50.000	

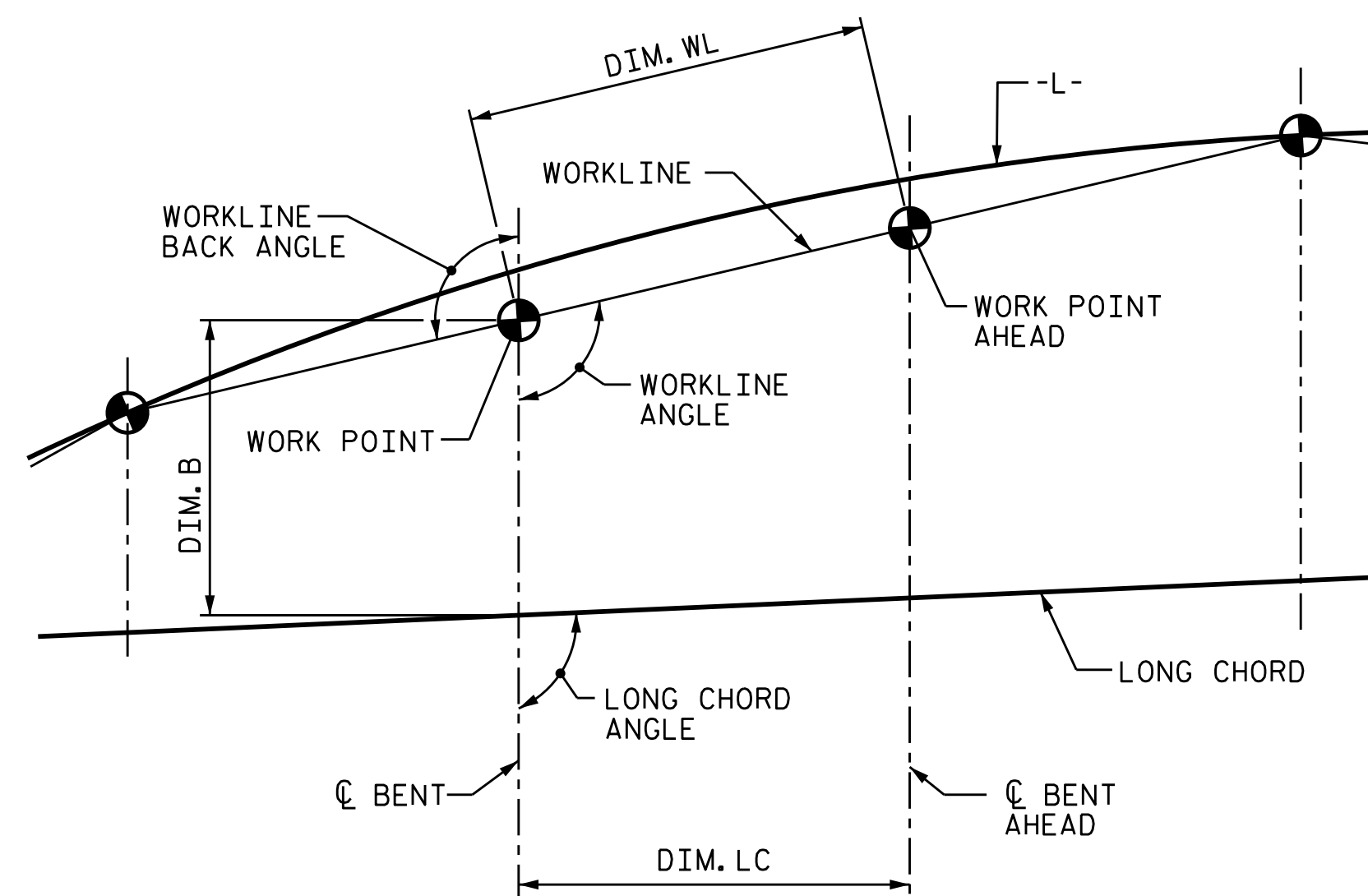
WORKLINE 14 ANGLES & DIMENSIONS

WORKLINE 14				
WORK POINT NUMBER	41	42	43	44
BENT NUMBER	BENT 40	BENT 41	BENT 42	BENT 43
W.P. STATION -L-	3179+00.00	3179+50.00	3180+00.00	3180+50.00
WORKLINE ANGLE	76°-44'-07.2"	76°-44'-07.2"	76°-44'-07.2"	76°-49'-51.6"
WORKLINE BACK ANGLE	77°-11'-37.1"	76°-44'-07.2"	76°-44'-07.2"	76°-44'-07.2"
DIMENSION WL (FT)	50.000	50.000	50.000	

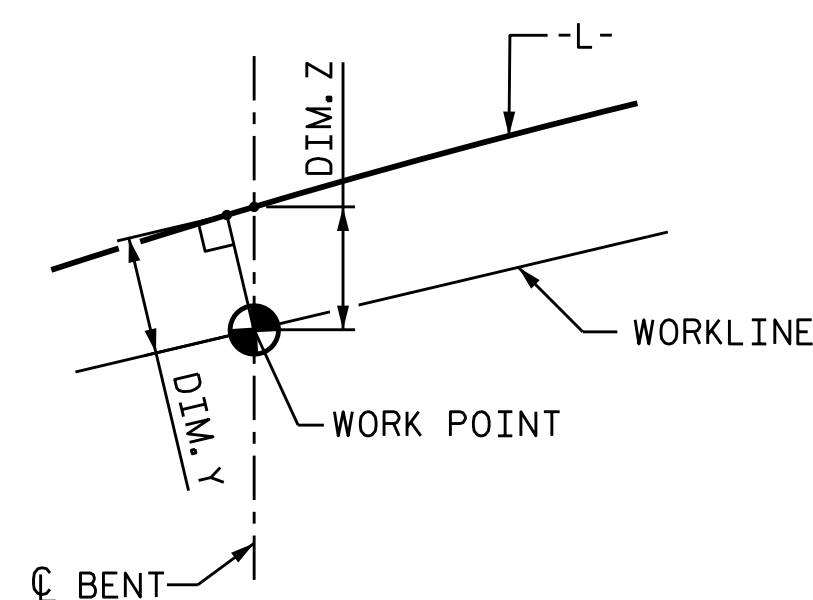
HORIZ. CURVE DATA -L-	
PI	= 3183+79.35
Δ	= 6°-58'-03.6" (LT)
D	= 2°-01'-02.8"
L	= 345.37'
T	= 172.90'
R	= 2,840.00'

WORKLINE 15 ANGLES & DIMENSIONS
(SEE DETAIL "C")

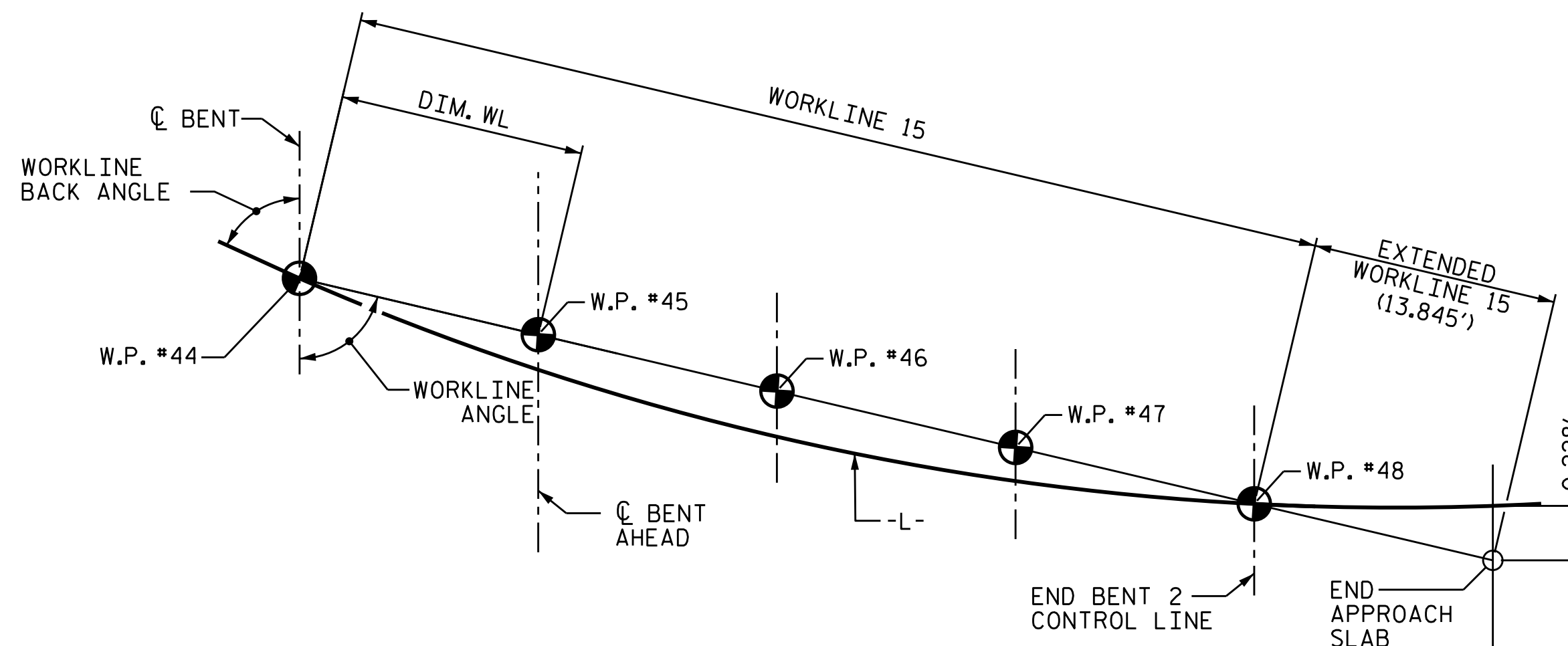
WORKLINE 15					
WORK POINT NUMBER	44	45	46	47	48
BENT NUMBER	BENT 43	BENT 44	BENT 45	BENT 46	END BENT 2
W.P. STATION -L-	3180+50.00	3181+00.00	3181+50.00	3182+00.00	3182+50.00
WORKLINE ANGLE	76°-49'-51.6"	76°-49'-51.6"	76°-49'-51.6"	76°-49'-51.6"	--
WORKLINE BACK ANGLE	76°-44'-07.2"	76°-49'-51.6"	76°-49'-51.6"	76°-49'-51.6"	76°-49'-51.6"
DIMENSION Y (FT)	0.000	0.084	0.167	0.250	0.000
DIMENSION Z (FT)	0.000	0.086	0.172	0.257	0.000
DIMENSION WL (FT)	50.000	50.000	50.000	49.998	



DETAIL "A"
(FOR DIM. Y & Z SEE DETAIL "B")



DETAIL "B"
(DIM. Y IS PERPENDICULAR TO THE SURVEY LINE & DIM. Z IS ALONG THE C BENT)



DETAIL "C"
(FOR DIM. Y & Z SEE DETAIL "B")

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

SHEET 6 OF 8



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

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

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

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-6
1			3			TOTAL SHEETS
2			4			44