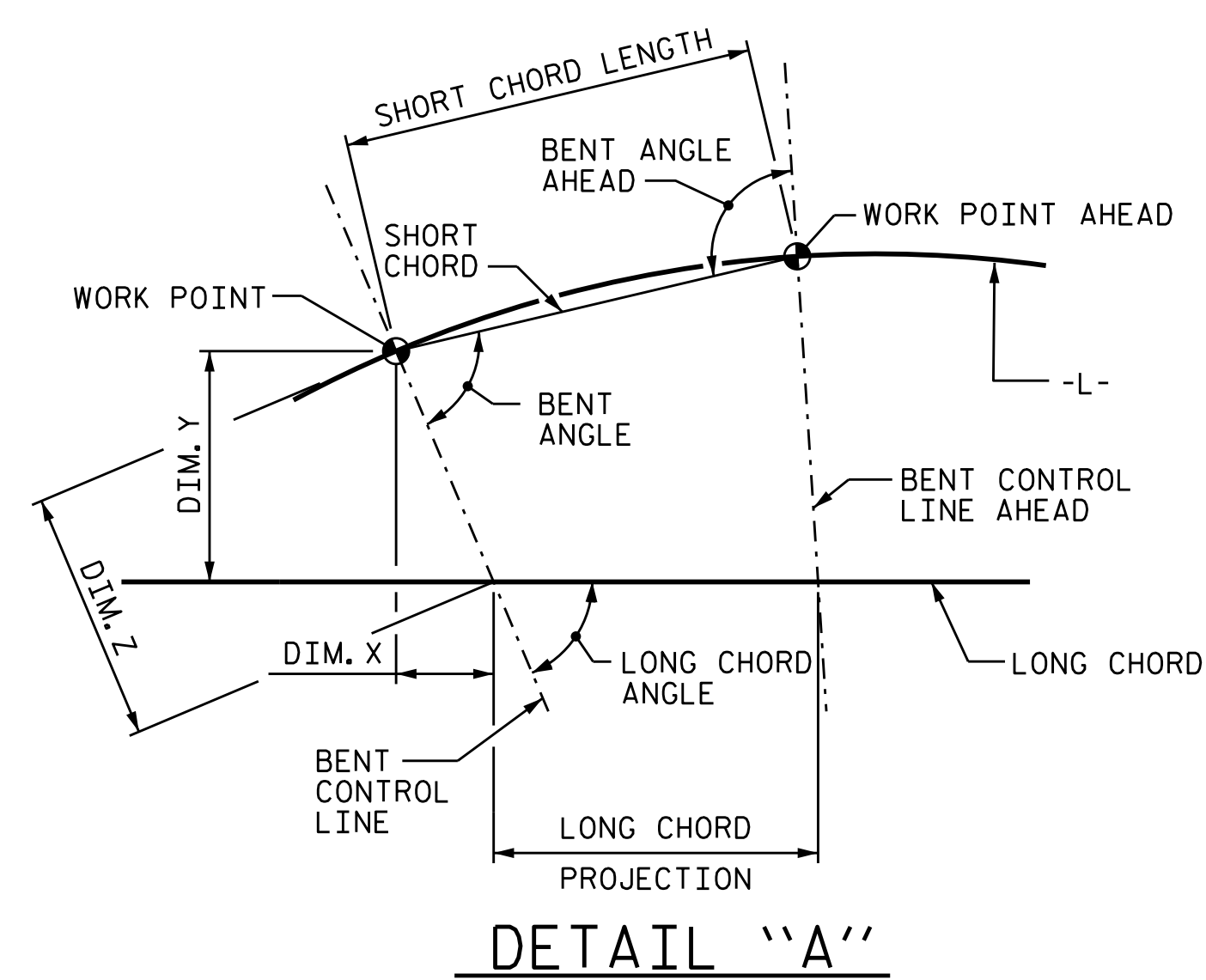


**LONG CHORD 1 LAYOUT**  
(FROM STATION 18+75.00 -L- TO 21+76.25 -L-)

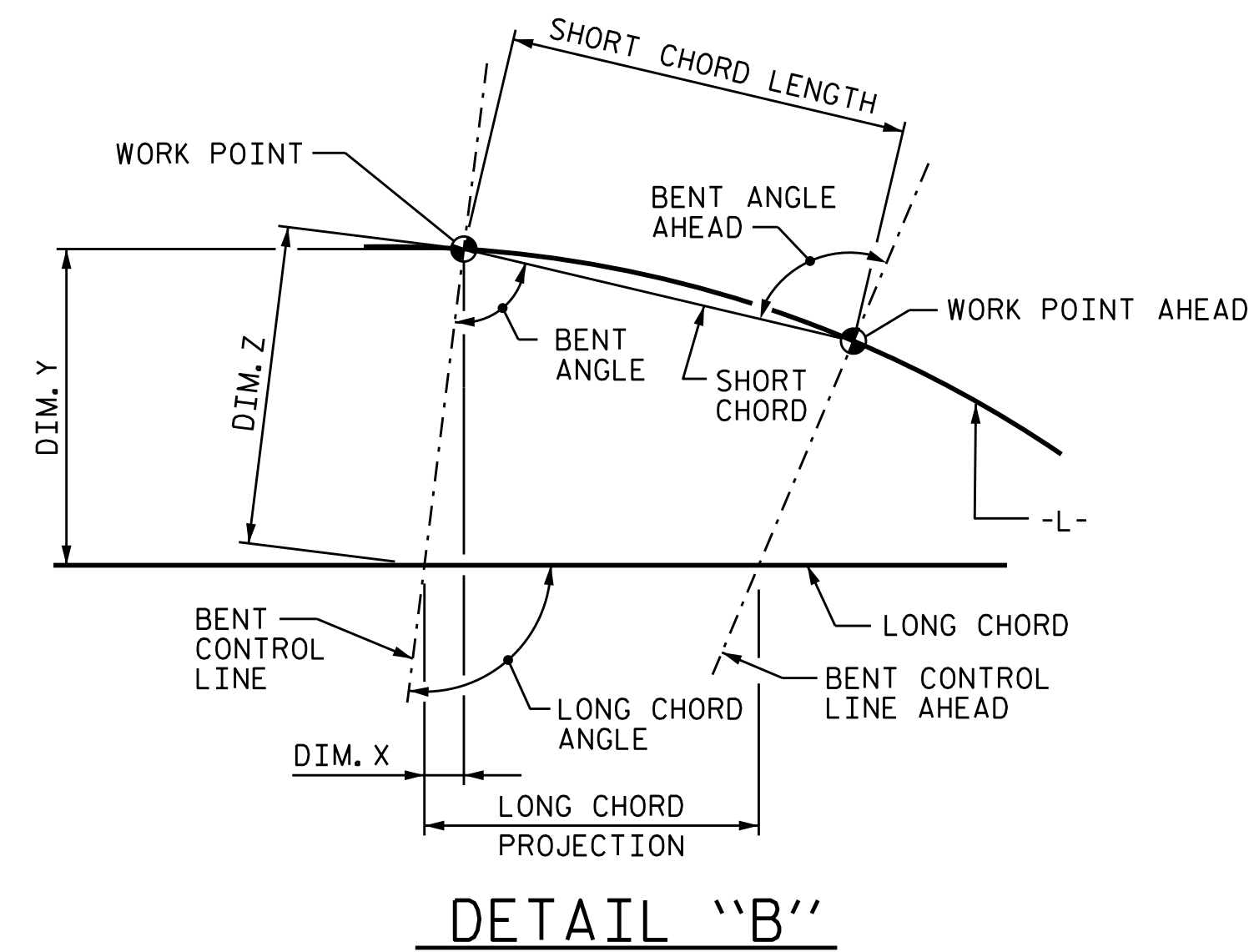
HORIZ. CURVE DATA -L-	
PI STA.	= 16+00.02
$\Delta$	= 13°-24'-02.8" (RT)
D	= 1°-16'-23.7"
L	= 1,052.49'
T	= 528.66'
R	= 4,500.00'

**LONG CHORD ANGLES & DIMENSIONS**

LONG CHORD 1	WORK POINT NUMBER	1	2	3	4
	BENT NUMBER	END BENT 1	BENT 1	BENT 2	BENT 3
W.P. STATION -L-	18+75.00	19+75.75	20+76.00	21+76.25	
LONG CHORD ANGLE	88°-08'-25"	89°-25'-23"	90°-41'-58"	91°-18'-31"	
BENT ANGLE	89°-21'-31"	89°-21'-42"	89°-32'-10"	-	
BENT ANGLE AHEAD	90°-38'-29"	90°-38'-18"	90°-08'-43"	-	
LONG CHORD PROJECTION (FT)	100.747	100.201	100.254	-	
SHORT CHORD LENGTH (FT)	100.748	100.248	100.249	-	
DIMENSION X (FT)	0.000	0.022	0.025	0.000	
DIMENSION Y (FT)	0.000	2.142	2.035	0.000	
DIMENSION Z (FT)	0.000	2.142	2.035	0.000	



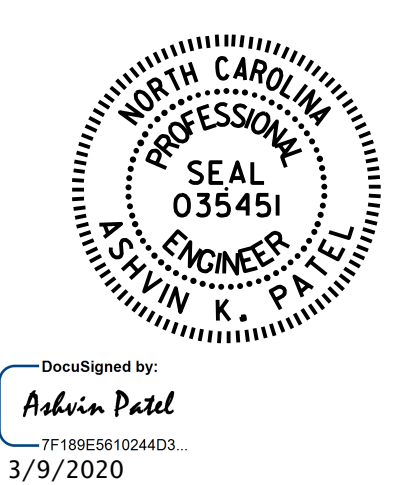
**DETAIL "A"**



**DETAIL "B"**

PROJECT NO. B-4863  
CARTERET COUNTY  
 STATION: 34+75.00 -L-

SHEET 12 OF 16



STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
**GENERAL DRAWING**  
 FOR BRIDGE OVER  
 'THE STRAITS'  
 ON SR 1335 BETWEEN  
 US 70 AND SR 1337

DRAWN BY :	M.A. ALLEN	DATE :	7-18
CHECKED BY :	T.H. CARROLL	DATE :	10-19
DESIGN ENGINEER OF RECORD:	A.K. PATEL	DATE :	11-19

DOCUMENT NOT CONSIDERED  
 FINAL UNLESS ALL  
 SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S1-014
1			3			TOTAL SHEETS 194
2			4			