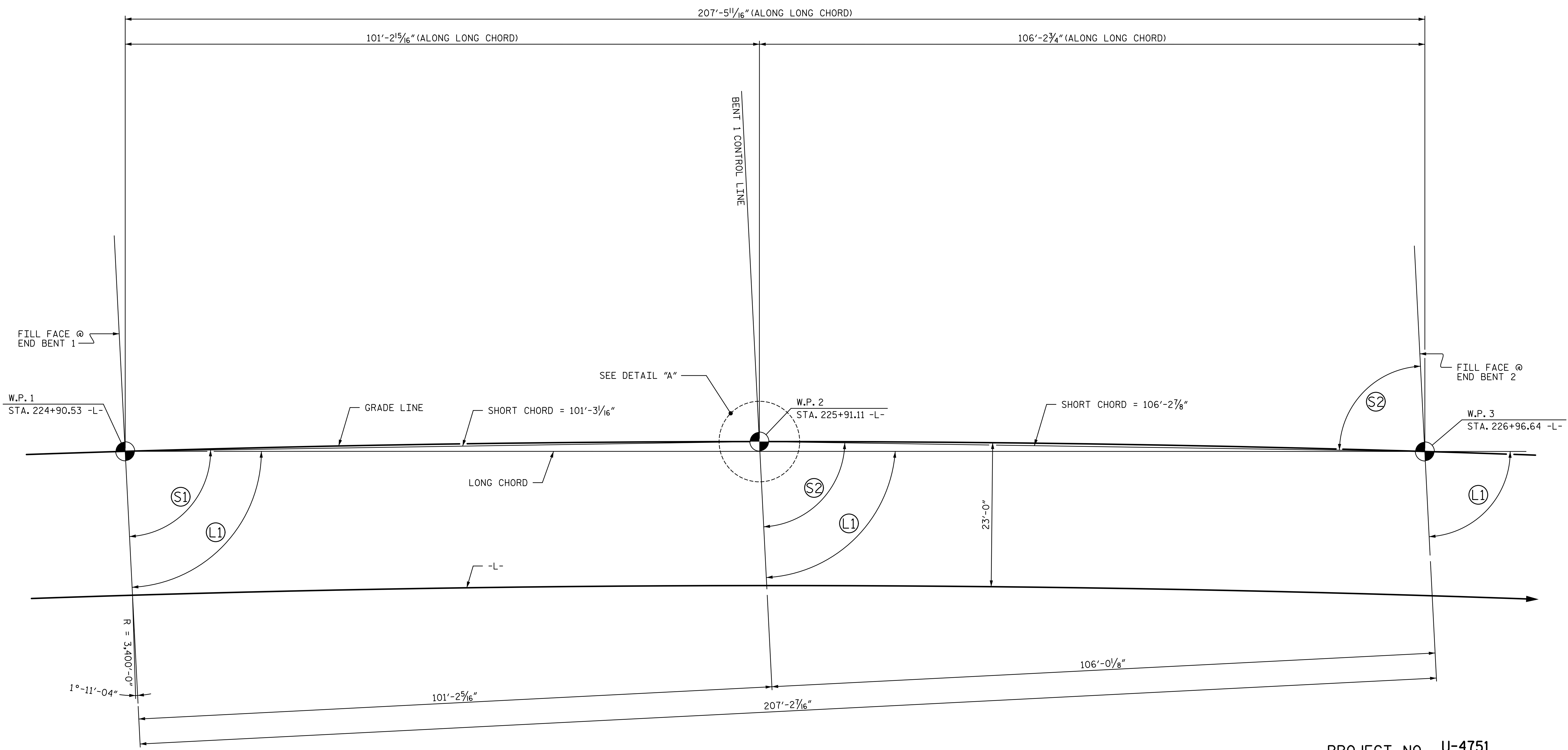


7/12/2017 2:12:47 PM \\USPADG\dfs02\vol3\Projects\408617\408617\_000\50\_Deliverables & Submittals\U-4751\Structures\Bridges\_203\Station\Final\403\_005\_U4751\_SMU\_LC\_003\_640203.dgn

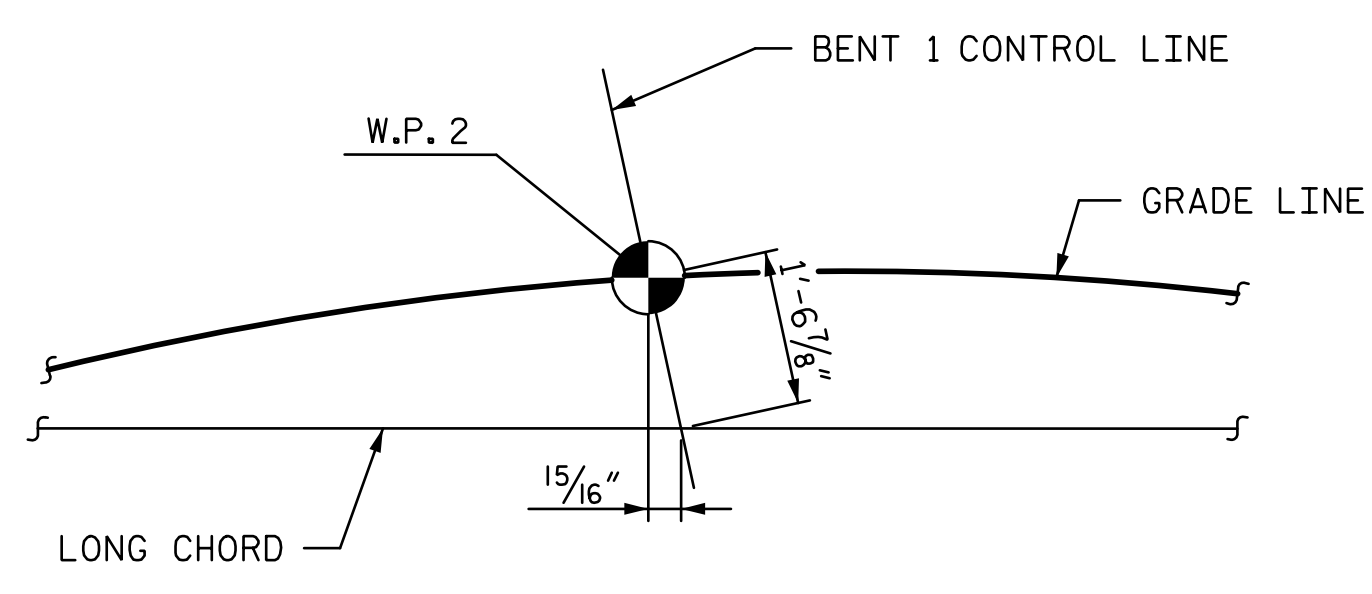


**LONG CHORD LAYOUT**  
(BENTS ARE PARALLEL)

PROJECT NO. U-4751  
NEW HANOVER COUNTY  
 STATION: 225+92.26 -L-  
91+88.77 -Y8-  
 SHEET 3 OF 4

ANGLES			
LONG CHORD		SHORT CHORD	
L1	87°-04'-44"	S1	87°-58'-05"
		S2	86°-13'-53"

**HORIZ. CURVE DATA**  
 -L-  
 PI STA. = 226+97.66 -L-  
 $\Delta = 52^\circ 22' 55.5''$  (RT)  
 $D = 1^\circ 41' 06.6''$   
 $L = 3,108.42'$   
 $T = 1,672.35'$   
 $R = 3,400.00'$



**DETAIL "A"**

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
**GENERAL DRAWING**  
**LONG CHORD LAYOUT**

DRAWN BY : <u>MBC</u>	DATE : <u>3-17</u>	DESIGN ENGINEER OF RECORD: <u>P. KELLY</u> DATE : <u>5-17</u>
CHECKED BY : <u>TRL</u>	DATE : <u>5-17</u>	

DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED  
 STV ENGINEERS, INC.  
 900 West Trade St., Suite 715  
 Charlotte, NC 28202  
 NC License Number F-0991

REVISIONS				SHEET NO.
NO.	BY:	DATE:	NO.	DATE:
1			3	
2			4	

TOTAL SHEETS: 36