

### LONG CHORD LAYOUT

ALL BENTS EXCEPT FOR BENT #1 ARE RADIAL TO C SURVEY -LPB-

#### ANGLES

- ① 86°11'09"
- ② 33°53'48"
- ③ 90°00'59"
- ④ 92°00'49"
- ⑤ 89°05'29"
- ⑥ 34°53'14"
- ⑦ 89°00'05"
- ⑧ 89°05'59"
- ⑨ 90°54'01"
- ⑩ 90°00'00" (TAN. TO CURVE)
- ⑪ 35°53'38" (TAN. TO CURVE)
- ⑫ 93°48'51"
- ⑬ 36°48'09"
- ⑭ 91°00'24"
- ⑮ 90°59'55"

PROJECT NO. R-2552AA

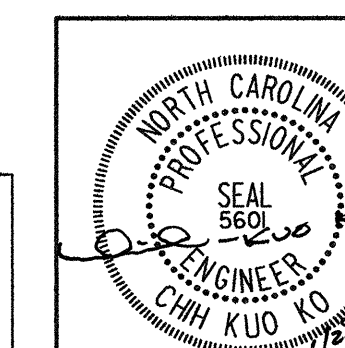
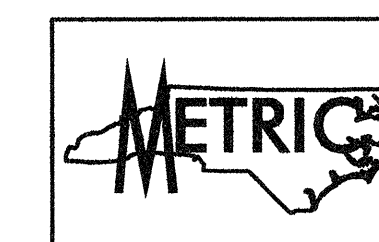
WAKE-JOHNSTON COUNTY

STATION: 27+51.601 -I1Y1-

SHEET 4 OF 5

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

GENERAL DRAWING  
LONG CHORD LAYOUT



Plans prepared by:  
**KO & ASSOCIATES, P.C.**  
Consulting Engineers  
1011 SCHAUB DR. SUITE #202  
RALEIGH, N.C. 27606  
For Division of Highways

REVISIONS

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

SHEET NO.

S-40  
TOTAL SHEETS  
429

DWG. NO. 4

PLOT: 01/20/2005 8:46:25 AM KO & ASSOCIATES, P.C.  
 FILE NAME: r1v2552aa.dwg

DRAWN BY: B.E. LANNING DATE: JAN. 2005  
 CHECKED BY: J.C. KO DATE: JAN. 2005