



DSAR: BER OPER. DEP. SCALE: 1"=20.00'  
 01/19/98 (9127) (000) STR-31-35 06-12-2002 08:50:57 am

$\Delta=30^{\circ}00'00''$   $D=35^{\circ}35'15''$   $R=161.00'$   $L=84.30'$   $T=43.14'$   $E=5.68'$   
 CURVE DATA BASED ON  $\odot$  RADIUS  $\Delta/2=15^{\circ}00'00''$

$\odot$ STATION	$\odot$ ARC LENGTH	FACE CURB LENGTH		CHORD LENGTH		DEFLECTION ANGLE	$\odot$ TOTAL DEFLECTION
		LEFT CURB	RIGHT CURB	8" OFF LEFT FACE CURB	8" OFF RIGHT FACE CURB		
30+65.85						0°00'00"	0°00'00"
30+75	9.15'	9.95'	8.35'	10.40'	7.90'	1°37'41"	1°37'41"
31+00	25.00'	27.17'	22.83'	28.39'	21.56'	4°26'54"	6°04'35"
31+25	25.00'	27.17'	22.83'	28.39'	21.56'	4°26'54"	10°31'30"
31+50.15	25.15'	27.34'	22.96'	28.56'	21.69'	4°28'30"	15°00'00"
TOTAL	84.30'	91.63'	76.97'				

Defl./ft.=10.676157 min.

$\Delta=30^{\circ}00'00''$   $D=29^{\circ}59'52''$   $R=191.00'$   $L=100.01'$   $T=51.18'$   $E=6.74'$   
 CURVE DATA BASED ON  $\odot$  RADIUS  $\Delta/2=15^{\circ}00'00''$

$\odot$ STATION	$\odot$ ARC LENGTH	FACE CURB LENGTH		CHORD LENGTH		DEFLECTION ANGLE	$\odot$ TOTAL DEFLECTION
		LEFT CURB	RIGHT CURB	8" OFF LEFT FACE CURB	8" OFF RIGHT FACE CURB		
32+37.83						0°00'00"	0°00'00"
32+50	12.17'	11.27'	13.07'	10.77'	13.57'	1°49'31"	1°49'31"
32+75	25.00'	23.17'	26.83'	22.10'	27.86'	3°44'59"	5°34'30"
33+00	25.00'	23.17'	26.83'	22.10'	27.86'	3°44'59"	9°19'28"
33+25	25.00'	23.17'	26.83'	22.10'	27.86'	3°44'59"	13°04'27"
33+37.84	12.84'	11.90'	13.78'	11.36'	14.32'	1°55'33"	15°00'00"
TOTAL	100.01'	92.68'	107.34'				

Defl./ft.=8.999100 min.

# SEE SH. NO. 36 FOR SIGNING NOTES AND DETAILS  
 # EACH END OF 4" PVC PIPE SLEEVE SHALL BE MARKED WITH STEEL "I" POSTS OR 2" STEEL PIPE A MAXIMUM OF 12" ABOVE GRADE. PIPE, CAPS, PIPE INSTALLATION AND MARKERS SHALL BE SUBSIDIARY TO "COMBINED CURB AND GUTTER (6 5/8" & 1 1/2)".

NOTE: TOTAL LENGTH OF MEDIAN COMBINED CURB AND GUTTER (6 5/8") FOR ISLAND = 157.08'

CHAPEL HILL ADDITION  
**CHAPEL HILL**  
 STA. 30+65.85 TO STA. 34+75.62

**Professional Engineering Consultants, P.A.**  
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Designed by	BER, GDD	Checked by	
Drawn by	DEP	Date	JANUARY, 2001
		Job No.	99127