#1

Curve Data Based on Centerline
Rad. = 100' Delta = 90° 27' 57" Tangent = 100.82'
Arc = 157.89' L.C. = 142.00' Def/Ft. =17.18902 Min.

		FACE CHORD LENGTHS			
Station	Arc	8 Lt.	8 Rt.	Defl.	T. Defl.
2+27.50	–	–	–	0°00'00"	0°00'00"
2+50.00	22.50'	16.84'	28.07'	6°26'45"	6°26'45"
2+75.00	25.00'	18.70'	31.17'	7°09'43"	13°36'29"
3+00.00	25.00'	18.70'	31.17'	7°09'43"	20°46'12"
3+25.00	25.00'	18.70'	31.17'	7°09'43"	27°55'56"
3+50.00	25.00'	18.70'	31.17'	7°09'43"	35°05'39"
3+75.00	25.00'	18.70'	31.17'	7°09'43"	42°15'23"
3+85.40	10.40'	7.80'	12.99'	2°58'46"	45°14'09"

#2

Curve Data Based on Centerline
Rad. = 100' Delta = 90° 27' 57" Tangent = 100.82'
Arc = 157.89' L.C. = 142.00' Def/Ft. =17.18902 Min.

		FACE CHORD LENGTHS			
Station	Arc	8 Lt.	8 Rt.	Defl.	T. Defl.
4+84.77	–	–	–	0°00'00"	0°00'00"
5+00.00	15.23'	19.02'	11.41'	4°21'47"	4°21'47"
5+25.00	25.00'	31.17'	18.70'	7°09'43"	11°31'31"
5+50.00	25.00'	31.17'	18.70'	7°09'43"	18°41'14"
5+75.00	25.00'	31.17'	18.70'	7°09'43"	25°50'58"
6+00.00	25.00'	31.17'	18.70'	7°09'43"	33°00'41"
6+25.00	25.00'	31.17'	18.70'	7°09'43"	40°10'25"
6+42.67	17.67'	22.06'	13.24'	5°03'44"	45°14'09"

#3

Curve Data Based on Centerline
Rad. = 100' Delta = 89° 32'03" Tangent = 99.19'
Arc = 156.27' L.C. = 140.85' Def/Ft. =17.18836 Min.

		FACE CHORD LENGTHS			
Station	Arc	8 Lt.	8 Rt.	Defl.	T. Defl.
9+68.21	–	–	–	0°00'00"	0°00'00"
9+75.00	6.79'	8.49'	5.09'	1°56'42"	1°56'42"
10+00.00	25.00'	31.17'	18.70'	7°09'42"	9°06'25"
10+25.00	25.00'	31.17'	18.70'	7°09'42"	16°16'07"
10+50.00	25.00'	31.17'	18.70'	7°09'42"	23°25'50"
10+75.00	25.00'	31.17'	18.70'	7°09'42"	30°35'32"
11+00.00	25.00'	31.17'	18.70'	7°09'42"	37°45'15"
11+24.48	24.48'	30.52'	18.31'	7°00'46"	44°46'01"

#4

Curve Data Based on Centerline
Rad. = 100' Delta = 89° 32'03" Tangent = 99.19'
Arc = 156.27' L.C. = 140.85' Def/Ft. =17.18836 Min.

		FACE CHORD LENGTHS			
Station	Arc	8 Lt.	8 Rt.	Defl.	T. Defl.
12+27.11	–	–	–	0°00'00"	0°00'00"
12+50.00	22.89'	17.13'	28.55'	6°33'26"	6°33'26"
12+75.00	25.00'	18.70'	31.17'	7°09'42"	13°43'09"
13+00.00	25.00'	18.70'	31.17'	7°09'42"	20°52'51"
13+25.00	25.00'	18.70'	31.17'	7°09'42"	28°02'34"
13+50.00	25.00'	18.70'	31.17'	7°09'42"	35°12'16"
13+75.00	25.00'	18.70'	31.17'	7°09'42"	42°21'59"
13+83.38	8.38'	6.28'	10.47'	2°24'02"	44°46'01"

#5

Curve Data Based on Centerline
Rad. = 102.4' Delta = 62° 39'07" Tangent = 62.32'
Arc = 111.97' L.C. = 106.48' Def/Ft. =16.78627 Min.

		FACE CHORD LENGTHS			
Station	Arc	8 Lt.	8 Rt.	Defl.	T. Defl.
15+88.38	–	–	–	0°00'00"	0°00'00"
16+00.00	11.62'	8.78'	14.45'	3°15'03"	3°15'03"
16+25.00	25.00'	18.85'	31.03'	6°59'39"	10°14'43"
16+50.00	25.00'	18.85'	31.03'	6°59'39"	17°14'22"
16+75.00	25.00'	18.85'	31.03'	6°59'39"	24°14'01"
17+00.35	25.35'	19.11'	31.46'	7°05'32"	31°19'33"

#6

Curve Data Based on Centerline
Rad. = 100' Delta = 50°09' 50" Tangent = 46.80'
Arc = 87.55' L.C. = 84.78' Def/Ft. =17.18922 Min.

		FACE CHORD LENGTHS			
Station	Arc	8 Lt.	8 Rt.	Defl.	T. Defl.
21+56.24	–	–	–	0°00'00"	0°00'00"
21+75.00	18.76'	23.42'	14.05'	5°22'28"	5°22'28"
22+00.00	25.00'	31.17'	18.70'	7°09'44"	12°32'12"
22+25.00	25.00'	31.17'	18.70'	7°09'44"	19°41'56"
22+43.80	18.80'	23.47'	14.08'	5°23'09"	25°05'05"

#7

Curve Data Based on Centerline
Rad. = 100' Delta = 62° 51' 13" Tangent = 61.10'
Arc = 109.7' L.C. = 104.28' Def/Ft. =17.18877 Min.

		FACE CHORD LENGTHS			
Station	Arc	8 Lt.	8 Rt.	Defl.	T. Defl.
4+15.16	–	–	–	0°00'00"	0°00'00"
4+25.00	9.84'	12.30'	7.38'	2°49'08"	2°49'08"
4+50.00	25.00'	31.17'	18.70'	7°09'43"	9°58'51"
4+75.00	25.00'	31.17'	18.70'	7°09'43"	17°08'34"
5+00.00	25.00'	31.17'	18.70'	7°09'43"	24°18'18"
5+24.86	24.86'	31.00'	18.60'	7°07'19"	31°25'36"

#8

Curve Data Based on Centerline
Rad. = 100' Delta = 45° 27' 57" Tangent = 41.90'
Arc = 79.35' L.C. = 77.29' Def/Ft. =17.18935 Min.

		FACE CHORD LENGTHS			
Station	Arc	8 Lt.	8 Rt.	Defl.	T. Defl.
5+99.46	–	–	–	0°00'00"	0°00'00"
6+00.00	0.54'	0.67'	0.40'	0°09'17"	0°09'17"
6+25.00	25.00'	31.17'	18.70'	7°09'44"	7°18'01"
6+50.00	25.00'	31.17'	18.70'	7°09'44"	14°28'45"
6+78.82	28.82'	35.90'	21.54'	8°15'24"	22°44'09"

#9

Curve Data Based on Centerline
Rad. = 150' Delta = 45°00'00" Tangent = 62.13'
Arc = 117.81' L.C. = 114.81' Def/Ft. =11.45913 Min.

		FACE CHORD LENGTHS			
Station	Arc	8 Lt.	8 Rt.	Defl.	T. Defl.
10+69.21	–	–	–	0°00'00"	0°00'00"
10+75.00	5.79'	4.82'	6.75'	1°06'21"	1°06'21"
11+00.00	25.00'	20.81'	29.13'	4°46'28"	5°52'49"
11+25.00	25.00'	20.81'	29.13'	4°46'28"	10°39'18"
11+50.00	25.00'	20.81'	29.13'	4°46'28"	15°25'47"
11+87.02	37.02'	30.77'	43.08'	7°04'13"	22°30'00"

#10

Curve Data Based on Centerline
Rad. = 100' Delta = 26° 24' 24" Tangent = 23.46'
Arc = 46.09' L.C. = 45.68' Def/Ft. =17.18811 Min.

		FACE CHORD LENGTHS			
Station	Arc	8 Lt.	8 Rt.	Defl.	T. Defl.
2+28.54	–	–	–	0°00'00"	0°00'00"
2+50.00	21.46'	26.13'	16.71'	6°08'51"	6°08'51"
2+74.63	24.63'	29.97'	19.16'	7°03'20"	13°12'12"

#11

Curve Data Based on Centerline
Rad. = 100' Delta = 30° 58' 24" Tangent = 27.71'
Arc = 54.06' L.C. = 53.40' Def/Ft. =17.18831 Min.

		FACE CHORD LENGTHS			
Station	Arc	8 Lt.	8 Rt.	Defl.	T. Defl.
0+57.90	–	–	–	0°00'00"	0°00'00"
0+75.00	17.10'	12.81'	21.35'	4°53'55"	4°53'55"
1+00.00	25.00'	18.70'	31.17'	7°09'42"	12°03'37"
1+11.96	11.96'	8.96'	14.94'	3°25'34"	15°29'12"

#12

Curve Data Based on Centerline
Rad. = 100' Delta = 27° 44' 53" Tangent = 24.70'
Arc = 48.43' L.C. = 47.96' Def/Ft. =17.18855 Min.

		FACE CHORD LENGTHS			
Station	Arc	8 Lt.	8 Rt.	Defl.	T. Defl.
4+16.19	–	–	–	0°00'00"	0°00'00"
4+25.00	8.81'	6.61'	11.01'	2°31'26"	2°31'26"
4+50.00	25.00'	18.70'	31.17'	7°09'43"	9°41'08"
4+64.62	14.62'	10.96'	18.26'	4°11'18"	13°52'26"

#13

Curve Data Based on Centerline
Rad. = 150' Delta = 63° 36' 54" Tangent = 93.03'
Arc = 166.54' L.C. = 158.12' Def/Ft. =11.45941 Min.

		FACE CHORD LENGTHS			
Station	Arc	8 Lt.	8 Rt.	Defl.	T. Defl.
1+89.62	–	–	–	0°00'00"	0°00'00"
2+00.00	10.38'	8.86'	11.90'	1°58'57"	1°58'57"
2+25.00	25.00'	21.31'	28.63'	4°46'29"	6°45'26"
2+50.00	25.00'	21.31'	28.63'	4°46'29"	11°31'55"
2+75.00	25.00'	21.31'	28.63'	4°46'29"	16°18'24"
3+00.00	25.00'	21.31'	28.63'	4°46'29"	21°04'53"
3+25.00	25.00'	21.31'	28.63'	4°46'29"	25°51'22"
3+56.16	31.16'	26.54'	35.67'	5°57'04"	31°48'27"

#14

Curve Data Based on Centerline
Rad. = 500' Delta = 9° 13'08" Tangent = 40.31'
Arc = 80.54' L.C. = 80.36' Def/Ft. = 3.43390 Min.

		FACE CHORD LENGTHS			
Station	Arc	8 Lt.	8 Rt.	Defl.	T. Defl.
4+67.79	–	–	–	0°00'00"	0°00'00"
4+75.00	7.21'	6.88'	7.52'	0°24'45"	0°24'45"
5+00.00	25.00'	23.87'	26.07'	1°25'51"	1°50'36"
5+25.00	25.00'	23.87'	26.07'	1°25'51"	3°16'27"
5+48.25	23.25'	22.20'	24.24'	1°19'50"	4°36'17"

#15

Curve Data Based on Centerline
Rad. = 100' Delta = 40° 40' 39" Tangent = 37.07'
Arc = 71' L.C. = 69.51' Def/Ft. =17.18758 Min.

		FACE CHORD LENGTHS			
Station	Arc	8 Lt.	8 Rt.	Defl.	T. Defl.
0+71.53	–	–	–	0°00'00"	0°00'00"
0+75.00	3.47'	4.25'	2.69'	0°59'38"	0°59'38"
1+00.00	25.00'	30.54'	19.32'	7°09'41"	8°09'20"
1+42.53	42.53'	51.70'	32.71'	12°10'59"	20°20'19"

Sierra Hills Addition
Curve Data
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