

PLAN SURVEYED BY DATE
NOTE BOOK NO. ALIGNMENT CHECKED BY
DATE LAST WORKED ON: 7/16/94
BRENT BEUSBERG

Q CURVE DATA						E.Bd. (C60)	
Δ=32°08'19" D=5°34'50" R=1026.72' L=575.91'						T=295.75' E=41.75'	
CURVE DATA BASED ON Q RADIUS						Δ/2=16°04'09.5"	
Q STATION (EAST BOUND)	Q ARC LENGTH	FACE CURB LENGTH LEFT CURB	CHORD LENGTH RIGHT CURB	CHORD LENGTH LEFT CURB	DEFLECTION ANGLE	Q TOTAL DEFLECTION	
55+12.78	---	---	---	---	0°00'00"	0°00'00"	
55+50	37.24'	36.95'	36.01'	37.24'	35.71'	1°02'21"	1°02'21"
55+88.80	18.80'	18.67'	18.24'	18.80'	16.11'	0°28'08"	1°30'28"
56+00	33.20'	32.94'	---	33.20'	31.84'	0°55'35"	2°26'03"
56+23.40	23.40'	23.22'	---	23.40'	22.44'	0°39'11"	3°05'14"
56+50	26.60'	26.39'	25.72'	26.60'	25.51'	0°44'32"	3°49'46"
57+00	50.00'	49.61'	48.34'	50.00'	47.95'	1°23'42"	5°13'28"
57+50	50.00'	49.61'	48.34'	50.00'	47.95'	1°23'42"	6°40'53"
58+00	50.00'	49.61'	48.34'	50.00'	47.95'	1°23'42"	8°04'35"
58+50	50.00'	49.61'	48.34'	50.00'	47.95'	1°23'42"	9°28'18"
59+00	50.00'	49.61'	48.34'	50.00'	47.95'	1°23'42"	10°51'59"
59+50	50.00'	49.61'	48.34'	50.00'	47.95'	1°23'42"	12°15'42"
60+00	50.00'	49.61'	48.34'	50.00'	47.95'	1°23'42"	13°39'25"
60+50	50.00'	49.61'	48.34'	50.00'	47.95'	1°23'42"	15°03'25"
60+88.87	38.67'	38.37'	37.39'	38.67'	37.03'	1°04'44"	16°04'10"
TOTAL		575.91'	571.42'	502.11'	Defl./Fl.=1.67418 min.		

Q CURVE DATA					E.Bd. (C67)		
Δ=24°38'47" D=9°50'10" R=582.50' L=250.57' T=127.25' E=13.74'							
CURVE DATA BASED ON Q RADIUS					Δ/2=12°19'23.5"		
Q STATION (EAST BOUND)	Q ARC LENGTH	FACE CURB LENGTH		CHORD LENGTH		DEFLECTION ANGLE	Q TOTAL DEFLECTION
		LEFT CURB	RIGHT CURB	B' OFF LEFT FACE CURB	B' OFF RIGHT FACE CURB		
67+19.88						0°00'00"	0°00'00"
67+50	30.34'	30.76'	32.11'	30.34'	32.53'	1°29'32"	1°29'32"
68+00	50.00'	50.69'	52.92'	49.38'	53.59'	2°27'33"	3°57'05"
68+50	50.00'	50.69'	52.92'	49.38'	53.59'	2°27'33"	6°24'37"
69+00	50.00'	50.69'	52.92'	49.38'	53.59'	2°27'33"	8°52'10"
69+33	33.00'	33.45'	34.93'	33.00'	35.37'	1°27'23"	10°19'32"
69+50	17.00'	17.23'	17.99'	17.00'	18.23'	0°50'10"	11°19'42"
69+53	3.00'	3.04'	3.18'	3.00'	3.22'	0°08'51"	11°28'33"
69+70.23	17.23'	17.46'	18.23'	17.23'	18.47'	0°50'50"	12°19'24"
TOTAL		250.57'	254.01'	265.20'	Defl./Fl.=2.950839 min.		

Q CURVE DATA					W.Bd. (C80)		
Δ=4°58'10" D=3°01'59" R=1889.00' L=163.84' T=81.97' E=1.78'							
CURVE DATA BASED ON Q RADIUS							
Δ/2=2°29'05.0"							
Q STATION (WEST BOUND)	Q ARC LENGTH	FACE CURB LENGTH		CHORD LENGTH		DEFLECTION ANGLE	Q TOTAL DEFLECTION
		LEFT CURB	RIGHT CURB	8' OFF LEFT FACE CURB	8' OFF RIGHT FACE CURB		
60+87.16	-----	-----	-----	-----	-----	0°00'00"	0°00'00"
61+00	12.84'	12.78'	13.07'	12.84'	13.01'	0°11'41"	0°11'41"
61+50	50.00'	49.79'	50.30'	50.00'	50.69'	0°45'30"	0°57'11"
61+57.71	7.71'	7.68'	7.85'	7.71'	7.82'	0°07'01"	1°04'12"
62+00	42.29'	42.11'	43.05'	42.29'	42.87'	0°38'29"	1°42'40"
62+50	50.00'	49.79'	50.30'	50.00'	50.69'	0°45'30"	2°28'10"
62+51.01	1.01'	1.00'	1.02'	1.00'	1.02'	0°00'55"	2°29'05"

Q CURVE DATA					W.Bd. (C69)		
Δ=31°35'15"		D=7°38'22"		R=750.00'	L=413.48'	T=212.14' E=29.43'	
CURVE DATA BASED ON Q RADIUS					Δ/2=15°47'37.5"		
Q STATION (WEST BOUND)	Q ARC LENGTH	FACE CURB LENGTH		CHORD LENGTH		DEFLECTION ANGLE	Q TOTAL DEFLECTION
		LEFT CURB	RIGHT CURB	8' OFF LEFT FACE CURB	8' OFF RIGHT FACE CURB		
73+01.82	—	—	—	—	—	0°00'00"	0°00'00"
73+50	48.18'	48.70'	50.37'	49.04'	49.84'	1°50'25"	1°50'25"
74+00	50.00'	50.53'	52.27'	51.06'	51.72'	1°54'35"	3°45'01"
74+50	50.00'	50.53'	52.27'	51.06'	51.72'	1°54'35"	5°39'16"
75+00	50.00'	50.53'	52.27'	51.06'	51.72'	1°54'35"	7°34'12"
75+50	50.00'	50.53'	52.27'	51.06'	51.72'	1°54'35"	9°28'47"
76+00	50.00'	50.53'	52.27'	51.06'	51.72'	1°54'35"	11°23'23"
76+50	50.00'	50.53'	52.27'	51.06'	51.72'	1°54'35"	13°17'58"
77+00	50.00'	50.53'	52.27'	51.06'	51.72'	1°54'35"	15°15'34"
77+15.30	15.30'	15.46'	15.39"	15.62'	15.83'	0°35'03"	15°47'37"

Q CURVE DATA E.Bd. (C61)									
Δ=3°52'39" D=1°32'11" R=3729.00' L=252.36' T=126.23' E=2.14'									
CURVE DATA BASED ON Q RADIUS Δ/2=1°56'19.5"									
Q STATION (EAST BOUND)	Q ARC LENGTH	FACE CURB LENGTH		CHORD LENGTH		DEFLECTION ANGLE	Q TOTAL DEFLECTION		
		LEFT CURB	RIGHT CURB	8' OFF LEFT FACE CURB	8' OFF RIGHT FACE CURB				
60+88.87	—	—	—	—	—	0°00'00"	0°00'00"		
61+00	11.33'	11.35'	11.43'	11.33'	11.45'	0°05'13"	0°05'13"		
61+41.07	41.07'	41.44'	41.07'	41.53'	41.53'	0°18'56"	0°24'09"		
61+50	8.93'	9.01'	8.93'	9.03'	9.03'	0°04'07"	0°28'16"		
62+00	50.00'	50.46'	50.00'	50.56'	50.56'	0°23'03"	0°51'19"		
62+43.14	43.14'	43.53'	43.14'	43.63'	43.63'	0°19'53"	1°11'12"		
62+50	6.86'	6.87'	6.86'	6.86'	6.94'	0°05'10"	1°19'42"		
63+00	50.00'	50.11'	50.46'	50.00'	50.56'	0°23'03"	1°37'25"		
63+41.04	41.04'	41.12'	41.41'	41.04'	41.50'	0°18'55"	1°56'20"		

Q CURVE DATA						E.Bd. (C55)	
Δ=49°45'12" D=15°54'58" R=360.00' L=512.81' T=168.93' E=36.82'							
CURVE DATA BASED ON Q RADIUS						Δ/2=24°52'36.0"	
Q STATION (EAST BOUND)	ARC LENGTH	FACE CURB LENGTH		CHORD LENGTH		DEFLECTION ANGLE	Q TOTAL DEFLECTION
		LEFT CURB	RIGHT CURB	8' OFF LEFT FACE CURB	8' OFF RIGHT FACE CURB		
69+83.23						0°00'00"	0°00'00"
70+00	16.77'	16.40'		16.77'	14.81'	1°20'05"	1°20'05"
70+19.30	19.30'	18.87'		19.30'	17.05'	1°32'09"	2°52'14"
70+29.84	10.34'	10.11'	9.36'	10.34'	9.13'	0°49'22"	3°41'36"
70+50	20.36'	19.91'	18.44'	20.636'	17.98'	1°37'13"	5°18'49"
70+75	25.00'	24.44'	22.64'	24.99'	22.08'	1°59'22"	7°18'11"
70+99.70	24.70'	24.15'	22.37'	24.70'	21.81'	1°57'56"	9°16'07"
71+00	0.30'	0.29'	0.27'	0.30'	0.26'	0°01'26"	9°17'33"
71+25	25.00'	24.44'	22.64'	24.99'	22.08'	1°59'22"	11°16'55"
71+50	25.00'	24.44'	22.64'	24.99'	22.08'	1°59'22"	13°16'17"
71+75	25.00'	24.44'	22.64'	24.99'	22.08'	1°59'22"	15°15'39"
71+99.84	20.84'	20.38'	18.87'	20.84'	18.41'	1°39'30"	16°55'09"
72+00	4.16'	4.07'	3.77'	4.16'	3.67'	0°19'52"	17°15'01"
72+25	25.00'	24.44'	22.64'	24.99'	22.08'	1°59'22"	19°14'23"
72+50	25.00'	24.44'	22.64'	24.99'	22.08'	1°59'22"	21°13'45"
72+75	25.00'	24.44'	22.64'	24.99'	22.08'	1°59'22"	23°13'07"
72+99.84	20.84'	20.37'	18.87'	20.83'	18.40'	1°39'29"	24°52'36"
TOTAL		312.81'	305.66'	250.42'	Defl./Fl.=4.774639 min.		

Q CURVE DATA						W.Bd. (C81)	
Δ=22°28'13"		D=8°31'31"		R=672.02'		L=263.57' T=133.50' E=13.15'	
CURVE DATA BASED ON Q RADIUS						Δ/2=11°14'06.5"	
Q STATION (WEST BOUND)	Q ARC LENGTH	FACE CURB LENGTH		CHORD LENGTH		DEFLECTION ANGLE	Q TOTAL DEFLECTION
		LEFT CURB	RIGHT CURB	S' OFF LEFT FACE CURB	S' OFF RIGHT FACE CURB		
62+51.01						0°00'00"	0°00'00"
62+59.94	8.93'	8.83'		8.72'	8.59'	0°22'51"	0°22'51"
63+00	40.06'	39.58'	38.03'	39.10'	38.50'	1°42'27"	2°05'19"
63+50	50.00'	49.40'	47.47'	48.80'	48.05'	2°07'53"	4°13'11"
64+00	50.00'	49.40'	47.47'	48.80'	48.05'	2°07'53"	6°21'04"
64+50	50.00'	49.40'	47.47'	48.80'	48.05'	2°07'53"	8°28'57"
65+14.58	64.57'	63.81'	61.31'	63.01'	62.05'	2°45'09"	11°14'07"