

**Benchmark:**  
 City of Wichita Benchmark Disc,  
 Hydraulic and 55th Street South,  
 42.00' North of Centerline, 40.70'  
 West of Centerline, 3.70' North of  
 centerline of Power Pole, 58.20'  
 Northwest of Southeast Corner, Sec.  
 21, Twp. 28-S, R-1-E.  
 Elev. = 76.19 City Datum  
 Elev. = 1263.59 (NGVD29)

Curve #1  
 Curve Data Based on Centerline  
 Rad. = 300' Delta = 69° 49' 51" Tangent = 209.40'  
 Arc = 365.63' L.C. = 343.42' Del/Ft. = 5.72963 Min.

Station	Arc	FACE CHORD LENGTHS		Defl.	T. Defl.
		8' Lt.	8' Rt.		
4+19.27	-	-	-	0°00'00"	0°00'00"
4+25.00	5.73'	5.25'	6.21'	0°32'50"	0°32'50"
4+30.00	11.46'	10.50'	12.42'	1°05'40"	1°05'40"
4+35.00	17.19'	15.75'	18.63'	1°38'30"	1°38'30"
4+40.00	22.92'	21.00'	24.84'	2°11'20"	2°11'20"
4+45.00	28.65'	26.25'	31.05'	2°44'10"	2°44'10"
4+50.00	34.38'	31.50'	37.26'	3°17'00"	3°17'00"
4+55.00	40.11'	36.75'	43.47'	3°49'50"	3°49'50"
4+60.00	45.84'	42.00'	49.68'	4°22'40"	4°22'40"
4+65.00	51.57'	47.25'	55.89'	4°55'30"	4°55'30"
4+70.00	57.30'	52.50'	62.10'	5°28'20"	5°28'20"
4+75.00	63.03'	57.75'	68.31'	6°01'10"	6°01'10"
4+80.00	68.76'	63.00'	74.52'	6°34'00"	6°34'00"
4+85.00	74.49'	68.25'	80.73'	7°06'50"	7°06'50"
4+90.00	80.22'	73.50'	86.94'	7°39'40"	7°39'40"
4+95.00	85.95'	78.75'	93.15'	8°12'30"	8°12'30"
4+100.00	91.68'	84.00'	99.36'	8°45'20"	8°45'20"
4+105.00	97.41'	89.25'	105.57'	9°18'10"	9°18'10"
4+110.00	103.14'	94.50'	111.78'	9°51'00"	9°51'00"
4+115.00	108.87'	99.75'	117.99'	10°23'50"	10°23'50"
4+120.00	114.60'	105.00'	124.20'	10°56'40"	10°56'40"
4+125.00	120.33'	110.25'	130.41'	11°29'30"	11°29'30"
4+130.00	126.06'	115.50'	136.62'	12°02'20"	12°02'20"
4+135.00	131.79'	120.75'	142.83'	12°35'10"	12°35'10"
4+140.00	137.52'	126.00'	149.04'	13°08'00"	13°08'00"
4+145.00	143.25'	131.25'	155.25'	13°40'50"	13°40'50"
4+150.00	148.98'	136.50'	161.46'	14°13'40"	14°13'40"
4+155.00	154.71'	141.75'	167.67'	14°46'30"	14°46'30"
4+160.00	160.44'	147.00'	173.88'	15°19'20"	15°19'20"
4+165.00	166.17'	152.25'	180.09'	15°52'10"	15°52'10"
4+170.00	171.90'	157.50'	186.30'	16°25'00"	16°25'00"
4+175.00	177.63'	162.75'	192.51'	16°57'50"	16°57'50"
4+180.00	183.36'	168.00'	198.72'	17°30'40"	17°30'40"
4+185.00	189.09'	173.25'	204.93'	18°03'30"	18°03'30"
4+190.00	194.82'	178.50'	211.14'	18°36'20"	18°36'20"
4+195.00	200.55'	183.75'	217.35'	19°09'10"	19°09'10"
4+200.00	206.28'	189.00'	223.56'	19°42'00"	19°42'00"
4+205.00	212.01'	194.25'	229.77'	20°14'50"	20°14'50"
4+210.00	217.74'	199.50'	235.98'	20°47'40"	20°47'40"
4+215.00	223.47'	204.75'	242.19'	21°20'30"	21°20'30"
4+220.00	229.20'	210.00'	248.40'	21°53'20"	21°53'20"
4+225.00	234.93'	215.25'	254.61'	22°26'10"	22°26'10"
4+230.00	240.66'	220.50'	260.82'	22°59'00"	22°59'00"
4+235.00	246.39'	225.75'	267.03'	23°31'50"	23°31'50"
4+240.00	252.12'	231.00'	273.24'	24°04'40"	24°04'40"
4+245.00	257.85'	236.25'	279.45'	24°37'30"	24°37'30"
4+250.00	263.58'	241.50'	285.66'	25°10'20"	25°10'20"
4+255.00	269.31'	246.75'	291.87'	25°43'10"	25°43'10"
4+260.00	275.04'	252.00'	298.08'	26°16'00"	26°16'00"
4+265.00	280.77'	257.25'	304.29'	26°48'50"	26°48'50"
4+270.00	286.50'	262.50'	310.50'	27°21'40"	27°21'40"
4+275.00	292.23'	267.75'	316.71'	27°54'30"	27°54'30"
4+280.00	297.96'	273.00'	322.92'	28°27'20"	28°27'20"
4+285.00	303.69'	278.25'	329.13'	29°00'10"	29°00'10"
4+290.00	309.42'	283.50'	335.34'	29°33'00"	29°33'00"
4+295.00	315.15'	288.75'	341.55'	30°05'50"	30°05'50"
4+300.00	320.88'	294.00'	347.76'	30°38'40"	30°38'40"
4+305.00	326.61'	299.25'	353.97'	31°11'30"	31°11'30"
4+310.00	332.34'	304.50'	360.18'	31°44'20"	31°44'20"
4+315.00	338.07'	309.75'	366.39'	32°17'10"	32°17'10"
4+320.00	343.80'	315.00'	372.60'	32°50'00"	32°50'00"
4+325.00	349.53'	320.25'	378.81'	33°22'50"	33°22'50"
4+330.00	355.26'	325.50'	385.02'	33°55'40"	33°55'40"
4+335.00	360.99'	330.75'	391.23'	34°28'30"	34°28'30"
4+340.00	366.72'	336.00'	397.44'	35°01'20"	35°01'20"
4+345.00	372.45'	341.25'	403.65'	35°34'10"	35°34'10"
4+350.00	378.18'	346.50'	409.86'	36°07'00"	36°07'00"
4+355.00	383.91'	351.75'	416.07'	36°39'50"	36°39'50"
4+360.00	389.64'	357.00'	422.28'	37°12'40"	37°12'40"
4+365.00	395.37'	362.25'	428.49'	37°45'30"	37°45'30"
4+370.00	401.10'	367.50'	434.70'	38°18'20"	38°18'20"
4+375.00	406.83'	372.75'	440.91'	38°51'10"	38°51'10"
4+380.00	412.56'	378.00'	447.12'	39°24'00"	39°24'00"
4+385.00	418.29'	383.25'	453.33'	39°56'50"	39°56'50"
4+390.00	424.02'	388.50'	459.54'	40°29'40"	40°29'40"
4+395.00	429.75'	393.75'	465.75'	41°02'30"	41°02'30"
4+400.00	435.48'	399.00'	471.96'	41°35'20"	41°35'20"
4+405.00	441.21'	404.25'	478.17'	42°08'10"	42°08'10"
4+410.00	446.94'	409.50'	484.38'	42°41'00"	42°41'00"
4+415.00	452.67'	414.75'	490.59'	43°13'50"	43°13'50"
4+420.00	458.40'	420.00'	496.80'	43°46'40"	43°46'40"
4+425.00	464.13'	425.25'	503.01'	44°19'30"	44°19'30"
4+430.00	469.86'	430.50'	509.22'	44°52'20"	44°52'20"
4+435.00	475.59'	435.75'	515.43'	45°25'10"	45°25'10"
4+440.00	481.32'	441.00'	521.64'	45°58'00"	45°58'00"
4+445.00	487.05'	446.25'	527.85'	46°30'50"	46°30'50"
4+450.00	492.78'	451.50'	534.06'	47°03'40"	47°03'40"
4+455.00	498.51'	456.75'	540.27'	47°36'30"	47°36'30"
4+460.00	504.24'	462.00'	546.48'	48°09'20"	48°09'20"
4+465.00	509.97'	467.25'	552.69'	48°42'10"	48°42'10"
4+470.00	515.70'	472.50'	558.90'	49°15'00"	49°15'00"
4+475.00	521.43'	477.75'	565.11'	49°47'50"	49°47'50"
4+480.00	527.16'	483.00'	571.32'	50°20'40"	50°20'40"
4+485.00	532.89'	488.25'	577.53'	50°53'30"	50°53'30"
4+490.00	538.62'	493.50'	583.74'	51°26'20"	51°26'20"
4+495.00	544.35'	498.75'	589.95'	51°59'10"	51°59'10"
4+500.00	550.08'	504.00'	596.16'	52°32'00"	52°32'00"
4+505.00	555.81'	509.25'	602.37'	53°04'50"	53°04'50"
4+510.00	561.54'	514.50'	608.58'	53°37'40"	53°37'40"
4+515.00	567.27'	519.75'	614.79'	54°10'30"	54°10'30"
4+520.00	573.00'	525.00'	621.00'	54°43'20"	54°43'20"
4+525.00	578.73'	530.25'	627.21'	55°16'10"	55°16'10"
4+530.00	584.46'	535.50'	633.42'	55°49'00"	55°49'00"
4+535.00	590.19'	540.75'	639.63'	56°21'50"	56°21'50"
4+540.00	595.92'	546.00'	645.84'	56°54'40"	56°54'40"
4+545.00	601.65'	551.25'	652.05'	57°27'30"	57°27'30"
4+550.00	607.38'	556.50'	658.26'	58°00'20"	58°00'20"
4+555.00	613.11'	561.75'	664.47'	58°33'10"	58°33'10"
4+560.00	618.84'	567.00'	670.68'	59°06'00"	59°06'00"
4+565.00	624.57'	572.25'	676.89'	59°38'50"	59°38'50"
4+570.00	630.30'	577.50'	683.10'	60°11'40"	60°11'40"
4+575.00	636.03'	582.75'	689.31'	60°44'30"	60°44'30"
4+580.00	641.76'	588.00'	695.52'	61°17'20"	61°17'20"
4+585.00	647.49'	593.25'	701.73'	61°50'10"	61°50'10"
4+590.00	653.22'	598.50'	707.94'	62°23'00"	62°23'00"
4+595.00	658.95'	603.75'	714.15'	62°55'50"	62°55'50"
4+600.00	664.68'	609.00'	720.36'	63°28'40"	63°28'40"
4+605.00	670.41'	614.25'	726.57'	64°01'30"	64°01'30"
4+610.00	676.14'	619.50'	732.78'	64°34'20"	64°34'20"
4+615.00	681.87'	624.75'	738.99'	65°07'10"	65°07'10"
4+620.00	687.60'	630.00'	745.20'	65°40'00"	65°40'00"
4+625.00	693.33'	635.25'	751.41'	66°12'50"	66°12'50"
4+630.00	699.06'	640.50'	757.62'	66°45'40"	66°45'40"
4+635.00	704.79'	645.75'	763.83'	67°18'30"	67°18'30"
4+640.00	710.52'	651.00'	770.04'	67°51'20"	67°51'20"
4+645.00	716.25'	656.25'	776.25'	68°24'10"	68°24'10"
4+650.00	721.98'	661.50'	782.46'	68°57'00"	68°57'00"
4+655.00	727.71'	666.75'	788.67'	69°29'50"	69°29'50"
4+660.00	733.44'	672.00'	794.88'	70°02'40"	70°02'40"
4+665.00	739.17'	677.25'	801.09'	70°35'30"	70°35'30"
4+670.00	744.90'	682.50'	807.30'	71°08'20"	71°08'20"
4+675.00	750.63'	687.75'	813.51'	71°41'10"	71°41'10"
4+680.00	756.36'	693.00'	819.72'	72°14'00"	72°14'00"
4+685.00	762.09'	698.25'	825.93'	72°46'50"	72°46'50"
4+690.00	767.82'	703.50'	832.14'	73°19'40"	73°19'40"
4+695.00	773.55'	708.75'	838.35'	73°52'30"	73°52'30"
4+700.00	779.28'	714.00'	844.56'	74°25'20"	74°25'20"
4+705.00	785.01'	719.25'	850.77'	74°58'10"	74°58'10"
4+710.00	790.74'	724.50'	856.98'	75°31'00"	75°31'00"
4+715.00	796.47'	729.75'	863.19'	76°03'50"	76°03'50"
4+720.00	802.20'	735.00'	869.40'	76°36'40"	76°36'40"
4+725.00	807.93'	740.25'	875.61'	77°09'30"	77°09'30"
4+730.00	813.66'	745.50'	881.82'	77°42'20"	77°42'20"
4+735.00	819.39'	750.75'	888.03'	78°15'10"	78°15'10"
4+740.00	825.12'	756.00'	894.24'	78°48'00"	78°48'00"
4+745.00	830.85'	761.25'	900.45'	79°20'50"	79°20'50"
4+750.00	836.58'	766.50'	906.66'	79°53'40"	79°53'40"
4+755.00	842.31'	771.75'	912.87'	80°26'30"	80°26'30"
4+760.00	848.04'	777.00'	919.08'	80°59'20"	80°59'20"
4+765.00	853.77'	782.25'	925.29'	81°32'10"	81°32'10"
4+770.00	859.50'	787.50'	931.50'	82°05'00"	82°05'00"
4+775.00	865.23'	792.75'	937.71'	82°37'50"	82°37'50"
4+780.00	870.96'	798.00'	943.92'	83°10'40"	83°10'40"
4+785.00	876.69'	803.25'	950.13'	83°43'30"	83°43'30"
4+790.00	882.42'	808.50'	956.34'	84°16'20"	84°16'20"
4+795.00	888.15'	813.75'	962.55'	84°49'10"	84°49'10"
4+800.00	893.88'	819.00'	968.76'	85°22'00"	85°22'00"