

**Benchmark:**  
City of Wichita Benchmark Dico,  
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' Def/Flt. = 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  | 25.00' | 22.91'             | 27.08' | 2°23'14" | 2°56'04"   |
| 4+35.00  | 25.00' | 22.91'             | 27.08' | 2°23'14" | 5°19'19"   |
| 4+40.00  | 25.00' | 22.91'             | 27.08' | 2°23'14" | 7°42'33"   |
| 4+45.00  | 25.00' | 22.91'             | 27.08' | 2°23'14" | 10°05'47"  |
| 4+50.00  | 25.00' | 22.91'             | 27.08' | 2°23'14" | 12°29'02"  |
| 4+55.00  | 25.00' | 22.91'             | 27.08' | 2°23'14" | 14°52'16"  |
| 4+60.00  | 25.00' | 22.91'             | 27.08' | 2°23'14" | 17°15'31"  |
| 4+65.00  | 25.00' | 22.91'             | 27.08' | 2°23'14" | 19°38'45"  |
| 4+70.00  | 25.00' | 22.91'             | 27.08' | 2°23'14" | 22°02'00"  |
| 4+75.00  | 25.00' | 22.91'             | 27.08' | 2°23'14" | 24°25'14"  |
| 4+80.00  | 25.00' | 22.91'             | 27.08' | 2°23'14" | 26°48'29"  |
| 4+85.00  | 25.00' | 22.91'             | 27.08' | 2°23'14" | 29°11'43"  |
| 4+90.00  | 25.00' | 22.91'             | 27.08' | 2°23'14" | 31°34'57"  |
| 4+95.00  | 25.00' | 22.91'             | 27.08' | 2°23'14" | 33°58'12"  |
| 4+100.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 36°21'26"  |
| 4+105.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 38°44'40"  |
| 4+110.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 41°07'55"  |
| 4+115.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 43°31'09"  |
| 4+120.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 45°54'23"  |
| 4+125.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 48°17'38"  |
| 4+130.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 50°40'52"  |
| 4+135.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 53°04'07"  |
| 4+140.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 55°27'21"  |
| 4+145.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 57°50'36"  |
| 4+150.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 60°13'50"  |
| 4+155.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 62°37'05"  |
| 4+160.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 64°60'19"  |
| 4+165.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 66°43'34"  |
| 4+170.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 69°26'48"  |
| 4+175.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 72°09'63"  |
| 4+180.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 74°52'77"  |
| 4+185.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 77°35'92"  |
| 4+190.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 80°18'06"  |
| 4+195.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 83°01'21"  |
| 4+200.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 85°44'35"  |
| 4+205.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 88°27'50"  |
| 4+210.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 91°11'04"  |
| 4+215.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 93°54'19"  |
| 4+220.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 96°37'33"  |
| 4+225.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 99°20'48"  |
| 4+230.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 102°04'02" |
| 4+235.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 104°47'17" |
| 4+240.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 107°30'31" |
| 4+245.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 110°13'46" |
| 4+250.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 112°56'60" |
| 4+255.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 115°39'75" |
| 4+260.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 118°22'89" |
| 4+265.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 121°06'04" |
| 4+270.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 123°49'18" |
| 4+275.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 126°32'33" |
| 4+280.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 129°15'47" |
| 4+285.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 131°59'02" |
| 4+290.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 134°42'16" |
| 4+295.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 137°25'31" |
| 4+300.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 140°08'45" |
| 4+305.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 142°51'60" |
| 4+310.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 145°34'74" |
| 4+315.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 148°17'89" |
| 4+320.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 151°01'03" |
| 4+325.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 153°44'18" |
| 4+330.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 156°27'32" |
| 4+335.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 159°10'47" |
| 4+340.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 161°53'61" |
| 4+345.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 164°36'76" |
| 4+350.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 167°19'90" |
| 4+355.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 170°03'05" |
| 4+360.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 172°46'19" |
| 4+365.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 175°29'34" |
| 4+370.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 178°12'48" |
| 4+375.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 180°56'03" |
| 4+380.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 183°39'17" |
| 4+385.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 186°22'32" |
| 4+390.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 189°05'46" |
| 4+395.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 191°48'61" |
| 4+400.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 194°31'75" |
| 4+405.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 197°14'90" |
| 4+410.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 199°58'04" |
| 4+415.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 202°41'19" |
| 4+420.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 205°24'33" |
| 4+425.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 208°07'48" |
| 4+430.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 210°51'02" |
| 4+435.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 213°34'17" |
| 4+440.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 216°17'31" |
| 4+445.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 219°00'46" |
| 4+450.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 221°43'60" |
| 4+455.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 224°26'75" |
| 4+460.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 227°09'89" |
| 4+465.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 229°53'04" |
| 4+470.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 232°36'18" |
| 4+475.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 235°19'33" |
| 4+480.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 238°02'47" |
| 4+485.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 240°46'02" |
| 4+490.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 243°29'16" |
| 4+495.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 246°12'31" |
| 4+500.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 248°55'45" |
| 4+505.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 251°38'60" |
| 4+510.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 254°21'74" |
| 4+515.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 257°04'89" |
| 4+520.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 259°48'03" |
| 4+525.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 262°31'18" |
| 4+530.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 265°14'32" |
| 4+535.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 267°57'47" |
| 4+540.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 270°41'01" |
| 4+545.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 273°24'16" |
| 4+550.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 276°07'30" |
| 4+555.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 278°50'45" |
| 4+560.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 281°33'59" |
| 4+565.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 284°17'14" |
| 4+570.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 287°00'28" |
| 4+575.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 289°43'43" |
| 4+580.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 292°26'57" |
| 4+585.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 295°10'12" |
| 4+590.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 297°53'26" |
| 4+595.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 300°36'41" |
| 4+600.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 303°19'55" |
| 4+605.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 306°03'10" |
| 4+610.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 308°46'24" |
| 4+615.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 311°29'39" |
| 4+620.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 314°12'53" |
| 4+625.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 316°56'08" |
| 4+630.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 319°39'22" |
| 4+635.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 322°22'37" |
| 4+640.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 325°05'51" |
| 4+645.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 327°49'06" |
| 4+650.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 330°32'20" |
| 4+655.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 333°15'35" |
| 4+660.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 335°58'49" |
| 4+665.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 338°42'04" |
| 4+670.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 341°25'18" |
| 4+675.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 344°08'33" |
| 4+680.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 346°51'47" |
| 4+685.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 349°35'02" |
| 4+690.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 352°18'16" |
| 4+695.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 355°01'31" |
| 4+700.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 357°44'45" |
| 4+705.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 360°28'00" |
| 4+710.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 363°11'14" |
| 4+715.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 365°54'29" |
| 4+720.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 368°37'43" |
| 4+725.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 371°20'58" |
| 4+730.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 374°04'12" |
| 4+735.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 376°47'27" |
| 4+740.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 379°30'41" |
| 4+745.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 382°13'56" |
| 4+750.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 384°57'10" |
| 4+755.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 387°40'25" |
| 4+760.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 390°23'39" |
| 4+765.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 393°06'54" |
| 4+770.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 395°50'08" |
| 4+775.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 398°33'23" |
| 4+780.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 401°16'37" |
| 4+785.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 404°00'00" |
| 4+790.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 406°43'14" |
| 4+795.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 409°26'29" |
| 4+800.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 412°09'43" |
| 4+805.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 414°52'58" |
| 4+810.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 417°36'12" |
| 4+815.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 420°19'27" |
| 4+820.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 423°02'41" |
| 4+825.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 425°45'56" |
| 4+830.00 | 25.00' | 22.91'             | 27.08' | 2°23'14" | 428°29'10" |
| 4+       |        |                    |        |          |            |