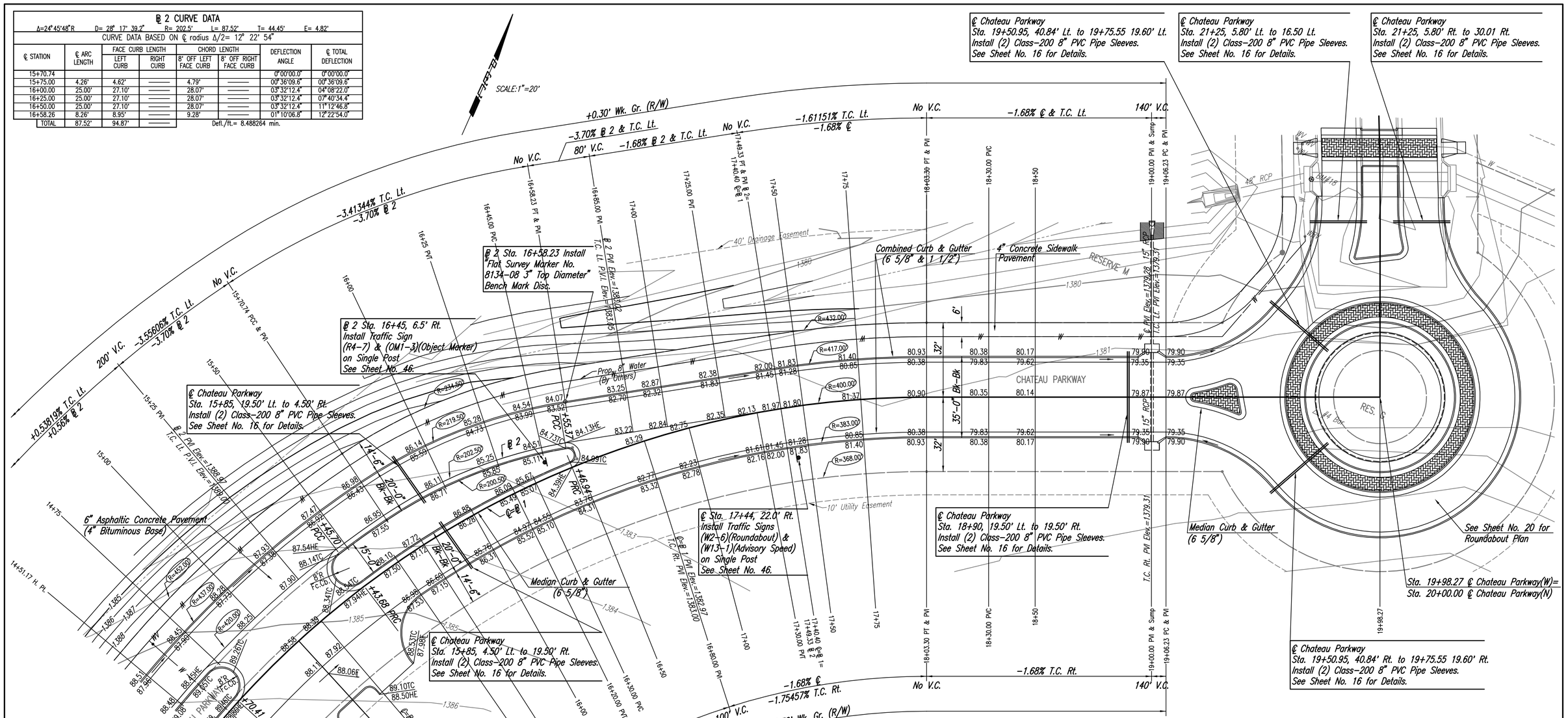
## ℄ 2 CURVE DATA

Δ=24° 45' 48"R  D= 28° 17' 39.2"  R= 202.5'  L= 87.52'  T= 44.45'  E= 4.82'

CURVE DATA BASED ON ℄ radius Δ/2= 12° 22' 54"

| ℄ STATION | ℄ ARC LENGTH | FACE CURB LENGTH | | CHORD LENGTH | | DEFLECTION ANGLE | ℄ TOTAL DEFLECTION |
|---|---|---|---|---|---|---|---|
| | | LEFT CURB | RIGHT CURB | 8' OFF LEFT FACE CURB | 8' OFF RIGHT FACE CURB | | |
| 15+70.74 | | | | | | 0° 00' 00.0" | 0° 00' 00.0" |
| 15+75.00 | 4.26' | 4.62' | ——— | 4.79' | ——— | 00° 36' 09.6" | 00° 36' 09.6" |
| 16+00.00 | 25.00' | 27.10' | ——— | 28.07' | ——— | 03° 32' 12.4" | 04° 08' 22.0" |
| 16+25.00 | 25.00' | 27.10' | ——— | 28.07' | ——— | 03° 32' 12.4" | 07° 40' 34.4" |
| 16+50.00 | 25.00' | 27.10' | ——— | 28.07' | ——— | 03° 32' 12.4" | 11° 12' 46.8" |
| 16+58.26 | 8.26' | 8.95' | ——— | 9.28' | ——— | 01° 10' 06.8" | 12° 22' 54.0" |
| TOTAL | 87.52' | 94.87' | ——— | | | | |

Defl./ft.= 8.488264 min.




## ℄ CURVE DATA=℄ 1

Δ=54° 59' 52"R  D= 14° 19' 26.2"  R= 400.00'  L= 383.96'  T= 208.22'  E= 50.95'

CURVE DATA BASED ON ℄ radius Δ/2= 27° 29' 56"

| ℄ STATION | ℄ ARC LENGTH | FACE CURB LENGTH | | CHORD LENGTH | | DEFLECTION ANGLE | ℄ TOTAL DEFLECTION |
|---|---|---|---|---|---|---|---|
| | | LEFT CURB | RIGHT CURB | 8' OFF LEFT FACE CURB | 8' OFF RIGHT FACE CURB | | |
| 14+19.35 | | | | | | 0° 00' 00.0" | 0° 00' 00.0" |
| 14+25.00 | 5.65' | ——— | 5.41' | ——— | 5.30' | 00° 24' 16.7" | 00° 24' 16.7" |
| 14+50.00 | 25.00' | ——— | 23.94' | ——— | 23.43' | 01° 47' 25.8" | 02° 11' 42.5" |
| 14+51.98 | 1.98' | ——— | 1.90' | ——— | 1.86' | 00° 08' 30.5" | 02° 20' 13.0" |
| 14+70.41 | 18.43' | ——— | ——— | ——— | ——— | 01° 19' 11.8" | 03° 39' 24.9" |
| 14+75.00 | 4.59' | ——— | ——— | ——— | ——— | 00° 19' 43.4" | 03° 59' 08.3" |
| 15+00.00 | 25.00' | ——— | ——— | ——— | ——— | 01° 47' 25.8" | 05° 46' 34.1" |
| 15+25.00 | 25.00' | ——— | ——— | ——— | ——— | 01° 47' 25.8" | 07° 33' 59.9" |
| 15+43.68 | 18.68' | ——— | ——— | ——— | ——— | 01° 20' 16.3" | 08° 54' 16.2" |
| 15+50.00 | 6.32' | ——— | ——— | ——— | ——— | 00° 27' 09.5" | 09° 21' 25.6" |
| 15+61.76 | 11.76' | ——— | ——— | ——— | ——— | 00° 50' 32.1" | 10° 11' 57.7" |
| 15+75.00 | 13.24' | ——— | 12.68' | ——— | 12.41' | 00° 56' 53.7" | 11° 08' 51.4" |
| 16+00.00 | 25.00' | ——— | 23.94' | ——— | 23.43' | 01° 47' 25.8" | 12° 56' 17.2" |
| 16+25.00 | 25.00' | ——— | 23.94' | ——— | 23.43' | 01° 47' 25.8" | 14° 43' 43.0" |
| 16+46.94 | 21.94' | ——— | 21.01' | ——— | 20.57' | 01° 34' 16.8" | 16° 17' 59.8" |
| 16+50.00 | 3.06' | ——— | 2.93' | ——— | 2.87' | 00° 13' 9" | 16° 31' 08.8" |
| 16+75.00 | 25.00' | ——— | 23.94' | ——— | 23.43' | 01° 47' 25.8" | 18° 18' 34.6" |
| 17+00.00 | 25.00' | ——— | 23.94' | ——— | 23.43' | 01° 47' 25.8" | 20° 06' .3" |
| 17+25.00 | 25.00' | ——— | 23.94' | ——— | 23.43' | 01° 47' 25.8" | 21° 53' 26.1" |
| 17+50.00 | 25.00' | ——— | 23.94' | ——— | 23.43' | 01° 47' 25.8" | 23° 40' 51.9" |
| 17+75.00 | 25.00' | ——— | 23.94' | ——— | 23.43' | 01° 47' 25.8" | 25° 28' 17.7" |
| 18+00.00 | 25.00' | ——— | 23.94' | ——— | 23.43' | 01° 47' 25.8" | 27° 15' 43.5" |
| 18+03.31 | 3.31' | ——— | 3.17' | ——— | 3.10' | 00° 14' 13.4" | 27° 29' 56.1" |
| TOTAL | 383.96' | ——— | 252.56' | | | | |

Defl./ft.= 4.297184 min.

| No. | Revision | By | Date |
|---|---|---|---|
| | | | |

OAK CREEK 2ND – PHASE 2

# CHATEAU PARKWAY

STA. 15+00 TO STA. 19+98.27

JAMES L. ARMOUR, P.E.– CITY ENGINEER

CITY OF WICHITA PROJECT NO. 472-84449

Professional Engineering Consultants, P.A.

303 S. TOPEKA • WICHITA, KANSAS 67202

316-262-2691 • FAX 316-262-3003

| | | | |
|---|---|---|---|
| Designed by | BDB, BMM | Job No. | 35-05731-003 |
| Drawn by | BJS, TAT | Date | February 2006 |

Sheet 9 of 84

Saved: 11-06-2006 1:07:36 PM by REJ
Plot Scale: 1:20 11-07-2006 11:52:32 AM by REJ
J:\SENTOUT\2005\057731\003\2006-11-07 to CRY\DWG\09-CHEATEAU PKWY-STR15-20