

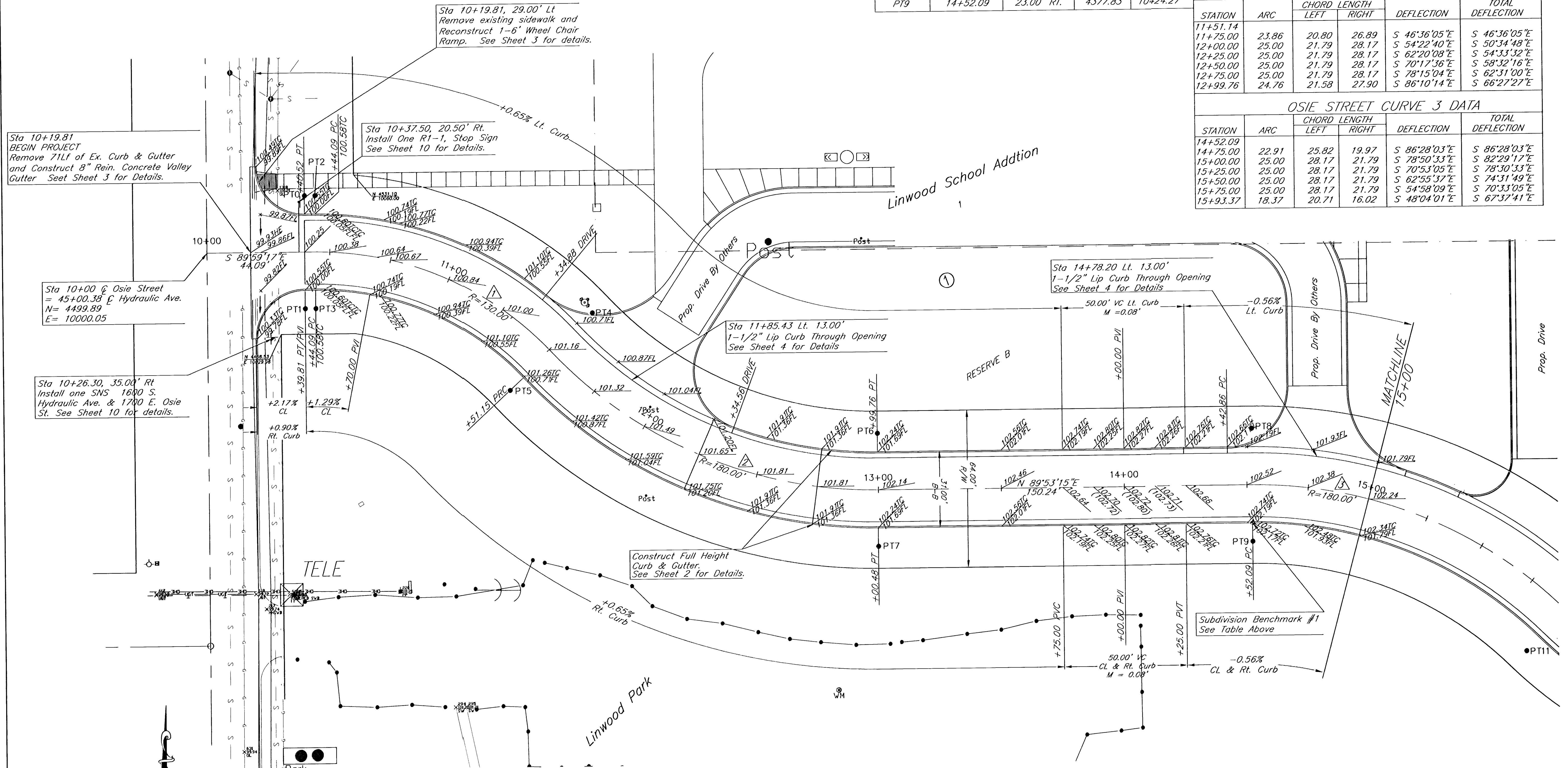
| OSIE STREET SUBDIVISION BENCHMARK |                          |         |                                                                                                               |           |
|-----------------------------------|--------------------------|---------|---------------------------------------------------------------------------------------------------------------|-----------|
| No.                               | Street and Station       | From CL | Description                                                                                                   | Elevation |
| 1                                 | Sta 14+52.09 Osie Street | 15.25'  | South curb line Osie Street, 14' West of the West curb on Bus Entrance Linwood School, 424' West of Hydraulic |           |

| OSIE STREET 8' @ FC STAKING COORDINATES |          |            |          |          |
|-----------------------------------------|----------|------------|----------|----------|
| POINT#                                  | STATION  | OFFSET     | NORTHING | EASTING  |
| PT0                                     | 10+39.79 | 23.00' LT. | 4522.89  | 10039.84 |
| PT2                                     | 10+44.09 | 23.00' LT. | 4522.88  | 10044.14 |
| PT4                                     | 11+51.14 | 23.00' LT. | 4473.85  | 10156.36 |
| PT6                                     | 12+99.76 | 23.00' LT. | 4423.53  | 10271.85 |
| PT8                                     | 14+52.09 | 23.00' LT. | 4423.83  | 10424.18 |
| PT1                                     | 10+39.79 | 23.00' RT. | 4476.89  | 10039.83 |
| PT3                                     | 10+44.09 | 23.00' RT. | 4476.88  | 10044.13 |
| PT5                                     | 11+51.14 | 23.00' RT. | 4442.59  | 10122.61 |
| PT7                                     | 12+99.76 | 23.00' RT. | 4377.53  | 10271.94 |
| PT9                                     | 14+52.09 | 23.00' RT. | 4377.83  | 10424.27 |

| OSIE STREET CURVE 1 DATA |       |                            |              |                     |
|--------------------------|-------|----------------------------|--------------|---------------------|
| STATION                  | ARC   | CHORD LENGTH<br>LEFT RIGHT | DEFLECTION   | TOTAL<br>DEFLECTION |
| 10+44.09                 |       |                            |              |                     |
| 10+50.00                 | 5.91  | 6.96 4.86                  | S 88°41'07"E | S 88°41'07"E        |
| 10+55.00                 | 25.00 | 29.38 20.55                | S 81°52'25"E | S 83°10'34"E        |
| 10+75.00                 | 25.00 | 29.38 20.55                | S 70°51'19"E | S 77°40'00"E        |
| 11+00.00                 | 25.00 | 29.38 20.55                | S 59°50'12"E | S 72°09'27"E        |
| 11+25.00                 | 25.00 | 29.38 20.55                | S 48°49'06"E | S 66°38'54"E        |
| 11+50.00                 | 25.00 | 29.38 20.55                | S 43°03'29"E | S 66°23'50"E        |
| 11+51.14                 | 1.14  | 1.34 0.94                  |              |                     |

| OSIE STREET CURVE 2 DATA |       |                            |              |                     |
|--------------------------|-------|----------------------------|--------------|---------------------|
| STATION                  | ARC   | CHORD LENGTH<br>LEFT RIGHT | DEFLECTION   | TOTAL<br>DEFLECTION |
| 11+51.14                 |       |                            |              |                     |
| 11+75.00                 | 23.86 | 20.80 26.89                | S 46°36'05"E | S 46°36'05"E        |
| 12+00.00                 | 25.00 | 21.79 28.17                | S 54°22'40"E | S 50°34'48"E        |
| 12+25.00                 | 25.00 | 21.79 28.17                | S 62°20'08"E | S 54°33'32"E        |
| 12+50.00                 | 25.00 | 21.79 28.17                | S 70°17'36"E | S 58°32'16"E        |
| 12+75.00                 | 25.00 | 21.79 28.17                | S 78°15'04"E | S 62°31'00"E        |
| 12+99.76                 | 24.76 | 21.58 27.90                | S 86°10'14"E | S 66°27'27"E        |

| OSIE STREET CURVE 3 DATA |       |                            |              |                     |
|--------------------------|-------|----------------------------|--------------|---------------------|
| STATION                  | ARC   | CHORD LENGTH<br>LEFT RIGHT | DEFLECTION   | TOTAL<br>DEFLECTION |
| 14+52.09                 |       |                            |              |                     |
| 14+75.00                 | 22.91 | 25.82 19.97                | S 86°28'03"E | S 86°28'03"E        |
| 15+00.00                 | 25.00 | 28.17 21.79                | S 78°50'33"E | S 82°29'17"E        |
| 15+25.00                 | 25.00 | 28.17 21.79                | S 70°53'05"E | S 78°30'33"E        |
| 15+50.00                 | 25.00 | 28.17 21.79                | S 62°55'37"E | S 74°31'49"E        |
| 15+75.00                 | 25.00 | 28.17 21.79                | S 54°58'09"E | S 70°33'05"E        |
| 15+93.37                 | 18.37 | 20.71 16.02                | S 48°04'01"E | S 67°37'41"E        |



**BENCHMARK:**  
City disc on the traffic signal base on the southeast corner of Harry and Hydraulic.  
Elevation=100.26 City Datum

Osie Street Improvements  
Sta 10+00 to 15+00  
Wichita, Kansas

**kemiller**  
engineering

518 S. Market,  
Wichita, KS 67202

PROJECT NUMBER  
472-83705

|                  |               |                     |            |
|------------------|---------------|---------------------|------------|
| KEM NO.<br>02131 | FILE<br>PLAN1 | DATE<br>3/03        | SHEET<br>5 |
| DESIGN<br>PB     | DRAWN<br>PB   | REVISED<br>04/22/03 | OF<br>11   |

316/284-0242