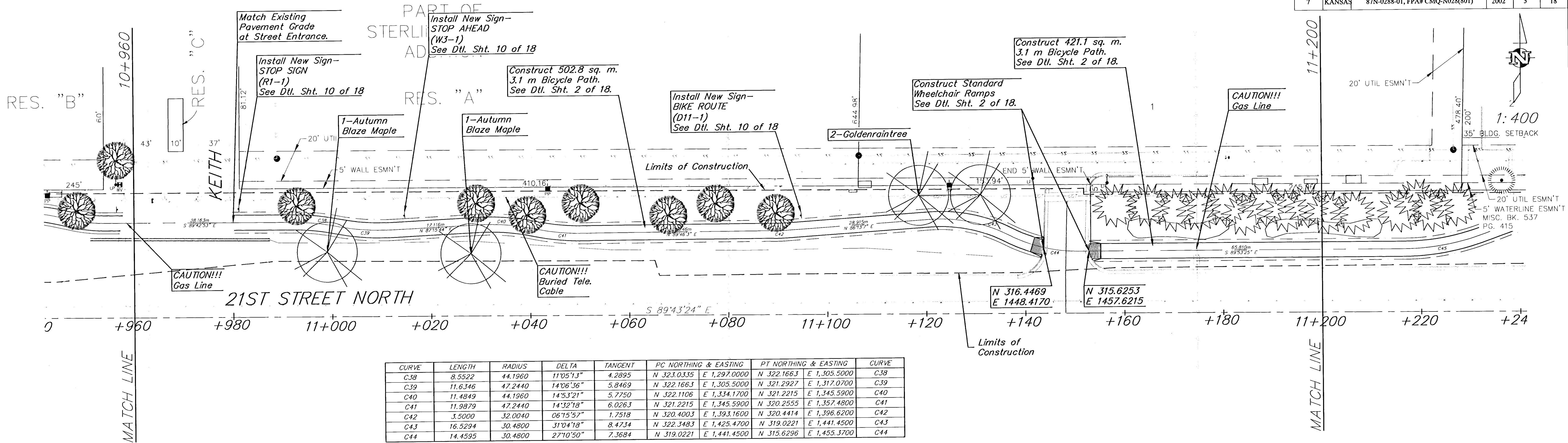
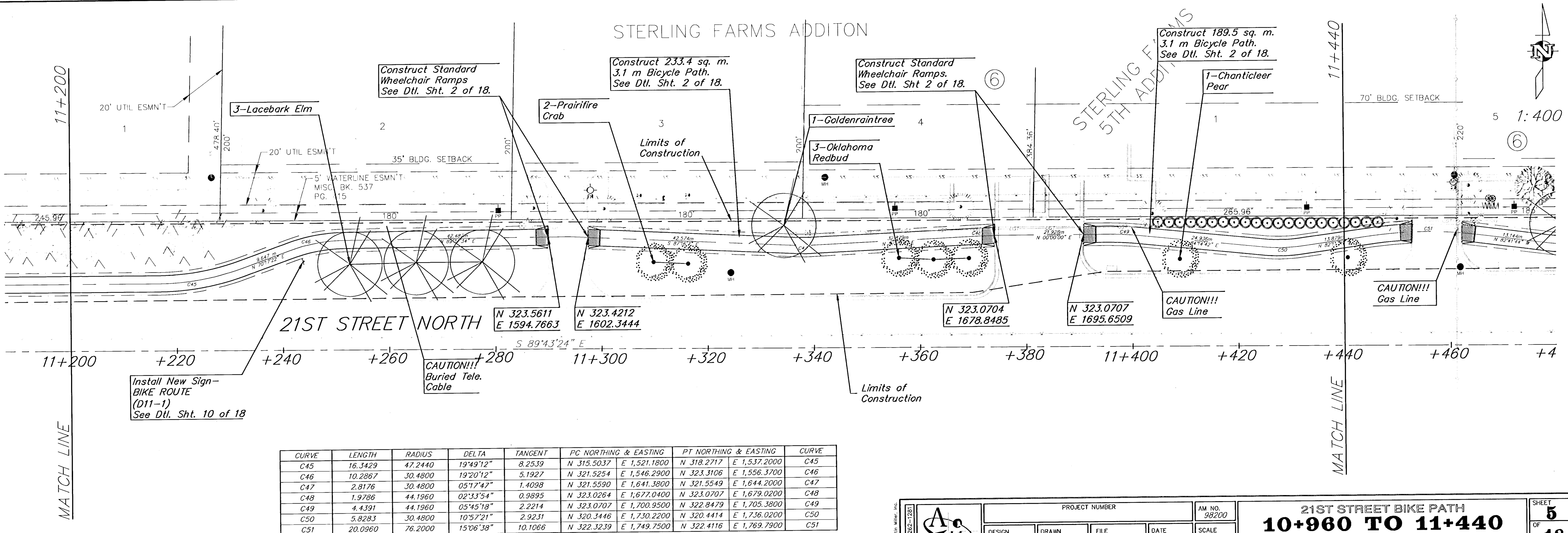


| FHWA REGION NO. | STATE  | PROJECT NO.                     | YEAR | SHEET NO. | TOTAL SHEETS |
|-----------------|--------|---------------------------------|------|-----------|--------------|
| 7               | KANSAS | 87N-0288-01, FPA# CMQ-N028(801) | 2002 | 5         | 18           |



| CURVE | LENGTH  | RADIUS  | DELTA     | TANGENT | PC NORTHING & EASTING   | PT NORTHING & EASTING   | CURVE |
|-------|---------|---------|-----------|---------|-------------------------|-------------------------|-------|
| C38   | 8.5522  | 44.1960 | 11°05'13" | 4.2895  | N 323.0335 E 1,297.0000 | N 322.1663 E 1,305.5000 | C38   |
| C39   | 11.6346 | 47.2440 | 14°06'36" | 5.8469  | N 322.1663 E 1,305.5000 | N 321.2927 E 1,317.0700 | C39   |
| C40   | 11.4849 | 44.1960 | 14°53'21" | 5.7750  | N 322.1108 E 1,334.1700 | N 321.2215 E 1,345.5900 | C40   |
| C41   | 11.9879 | 47.2440 | 14°32'18" | 6.0263  | N 321.2215 E 1,345.5900 | N 320.2555 E 1,357.4800 | C41   |
| C42   | 3.5000  | 32.0040 | 06°15'57" | 1.7518  | N 320.4003 E 1,393.1600 | N 320.4414 E 1,396.6200 | C42   |
| C43   | 16.5294 | 30.4800 | 31°04'18" | 8.4734  | N 322.3483 E 1,425.4700 | N 319.0221 E 1,441.4500 | C43   |
| C44   | 14.4595 | 30.4800 | 27°10'50" | 7.3684  | N 319.0221 E 1,441.4500 | N 315.6296 E 1,455.3700 | C44   |



| CURVE | LENGTH  | RADIUS  | DELTA     | TANGENT | PC NORTHING & EASTING   | PT NORTHING & EASTING   | CURVE |
|-------|---------|---------|-----------|---------|-------------------------|-------------------------|-------|
| C45   | 16.3429 | 47.2440 | 19°49'12" | 8.2539  | N 315.5037 E 1,521.1800 | N 318.2717 E 1,537.2000 | C45   |
| C46   | 10.2267 | 30.4800 | 19°20'12" | 5.1927  | N 321.5254 E 1,546.2900 | N 323.3106 E 1,556.3700 | C46   |
| C47   | 2.8176  | 30.4800 | 05°17'47" | 1.4038  | N 321.5590 E 1,641.3800 | N 321.5549 E 1,644.2000 | C47   |
| C48   | 1.9786  | 44.1960 | 02°33'54" | 0.9895  | N 323.0264 E 1,677.0400 | N 323.0707 E 1,679.0200 | C48   |
| C49   | 4.4391  | 44.1960 | 05°45'19" | 2.2214  | N 323.0707 E 1,700.9500 | N 322.8479 E 1,705.3800 | C49   |
| C50   | 5.8283  | 30.4800 | 10°57'21" | 2.9231  | N 320.3446 E 1,730.2200 | N 320.4414 E 1,736.0200 | C50   |
| C51   | 20.0960 | 76.2000 | 15°06'38" | 10.1066 | N 322.3239 E 1,749.7500 | N 322.4116 E 1,769.7900 | C51   |

|                |       |              |               |              |                                                              |               |
|----------------|-------|--------------|---------------|--------------|--------------------------------------------------------------|---------------|
| PROJECT NUMBER |       |              |               | AM NO. 98200 | 21ST STREET BIKE PATH<br>10+960 TO 11+440<br>WICHITA, KANSAS | SHEET 5 OF 18 |
| DESIGN         | DRAWN | FILE plan-05 | DATE 06-25-01 | SCALE 1:400  |                                                              |               |