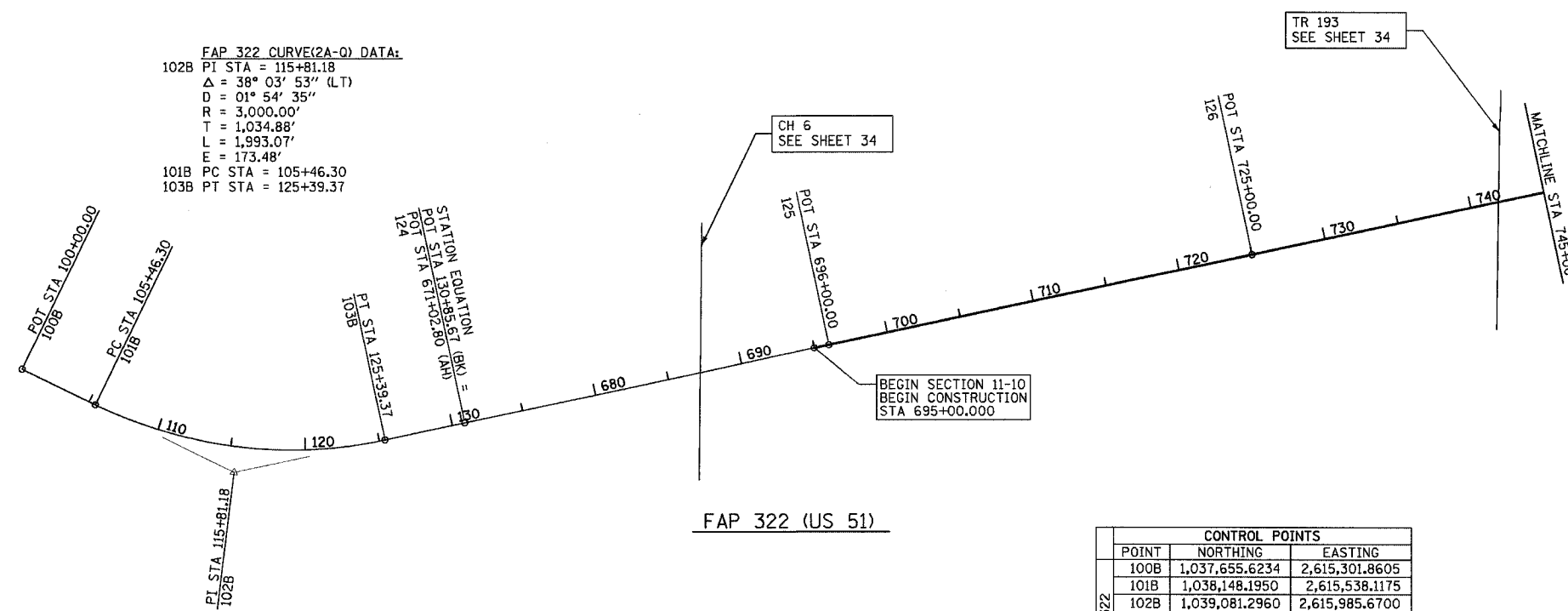


| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|----------|------------------|--------------|-----------|
| 322 | 11-10 | CHRISTIAN | 310 | 32 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |

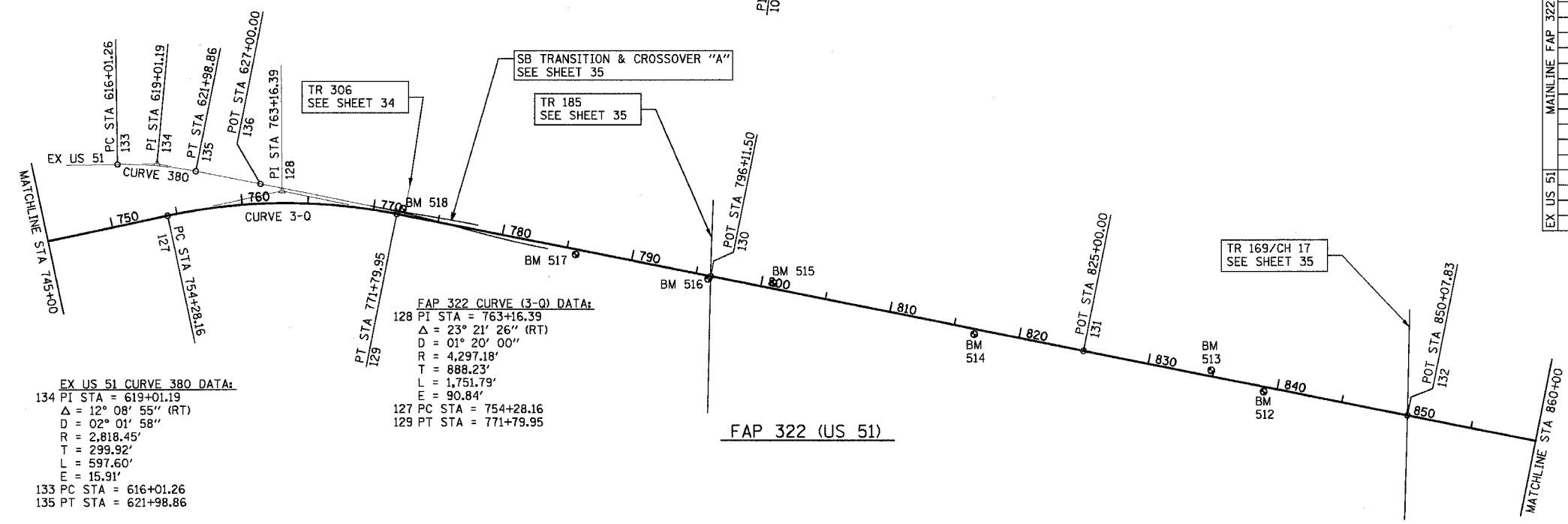
| BENCHMARKS | | |
|------------|-----------|--|
| MARK | ELEVATION | DESCRIPTION |
| BM #512 | 623.15 | RR SPIKE IN PP - 3.21 MILES SOUTH OF SHELBY COUNTY LINE STA 839+01.50, 36.45' RT (PR US 51) STA 704+80.90, 61.45' RT (EX US 51) |
| BM #513 | 622.87 | CHSLD "□" IN CENTER OF WEST HW - 3.29 MILES SOUTH OF SHELBY COUNTY LINE - STA 834+79.65, 45.30' LT (PR US 51) STA 700+59.10, 20.50' LT (EX US 51) |
| BM #514 | 624.68 | 60d NAIL IN PP - 3.64 MILES SOUTH OF SHELBY COUNTY LINE STA 816+59.85, 37.75' RT (PR US 51) STA 682+39.25, 61.60' RT (EX US 51) |
| BM #515 | 620.94 | CHSLD "□" IN CENTER OF HW - 2.13 MILES NORTH OF TR 1200N STA 800+91.80, 42.70' LT (PR US 51) STA 666+71.30, 20.20' LT (EX US 51) |
| BM #516 | 621.28 | CHSLD "□" IN CENTER OF HW - 2.03 MILES NORTH OF TR 1200N STA 795+96.90, 23.55' RT (PR US 51) STA 661+76.40, 45.55' RT (EX US 51) |
| BM #517 | 622.80 | 60d NAIL IN PP - 1.84 MILES NORTH OF TR 1200N STA 785+72.55, 38.70' RT (PR US 51) STA 651+52.00, 60.80' RT (EX US 51) |
| BM #518 | 617.92 | CHSLD "□" IN CENTER OF HW - 1.58 MILES NORTH OF TR 1200N STA 772+18.65, 48.90' LT (PR US 51) STA 637+98.10, 26.65' LT (EX US 51) |

FAP 322 CURVE(2A-Q) DATA:
 102B PI STA = 115+81.18
 $\Delta = 38^\circ 03' 53''$ (LT)
 $D = 01^\circ 54' 35''$
 $R = 3,000.00'$
 $T = 1,034.88'$
 $L = 1,993.07'$
 $E = 173.48'$
 101B PC STA = 105+46.30
 103B PT STA = 125+39.37



FAP 322 (US 51)

| CONTROL POINTS | | | |
|----------------|----------------|----------------|------------------|
| POINT | NORTHING | EASTING | |
| 100B | 1,037,655.6234 | 2,615,301.8605 | MAINLINE FAP 322 |
| 101B | 1,038,148.1950 | 2,615,538.1175 | |
| 102B | 1,039,081.2960 | 2,615,985.6700 | |
| 103B | 1,040,091.8788 | 2,615,762.7280 | |
| 124 | 1,040,625.3520 | 2,615,645.0400 | |
| 125 | 1,043,063.9153 | 2,615,107.0750 | |
| 126 | 1,045,895.8229 | 2,614,482.3355 | |
| 127 | 1,048,755.2284 | 2,613,851.5297 | |
| 128 | 1,049,622.6010 | 2,613,660.1810 | |
| 129 | 1,050,494.7560 | 2,613,828.3931 | |
| 130 | 1,052,882.3080 | 2,614,288.8791 | |
| 131 | 1,055,718.5387 | 2,614,835.9016 | |
| 132 | 1,058,180.9872 | 2,615,310.8329 | |
| 133 | 1,048,372.3416 | 2,613,460.4538 | |
| 134 | 1,048,672.1974 | 2,613,454.0353 | |
| 135 | 1,048,966.6888 | 2,613,510.8642 | |
| 136 | 1,049,458.7465 | 2,613,605.8180 | EX US 51 |



FAP 322 (US 51)

FAP 322 CURVE(3-Q) DATA:
 128 PI STA = 763+16.39
 $\Delta = 23^\circ 21' 26''$ (RT)
 $D = 01^\circ 20' 00''$
 $R = 4,297.18'$
 $T = 888.23'$
 $L = 1,751.79'$
 $E = 90.84'$
 127 PC STA = 754+28.16
 129 PT STA = 771+79.95

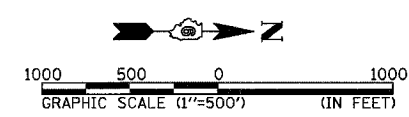
EX US 51 CURVE 380 DATA:
 134 PI STA = 619+01.19
 $\Delta = 12^\circ 08' 55''$ (RT)
 $D = 02^\circ 01' 58''$
 $R = 2,818.45'$
 $T = 299.92'$
 $L = 597.60'$
 $E = 15.91'$
 133 PC STA = 616+01.26
 135 PT STA = 621+98.86

| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
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| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ALIGNMENT & BENCHMARK DATA
 SHEET 1 OF 3
 FAP 322 (US 51)
 SECTION 11-1
 CHRISTIAN COUNTY

SCALE: 1"=500'
 DATE: 3/17/05

DRAWN BY BGJ
 CHECKED BY SEB



3/29/2005