

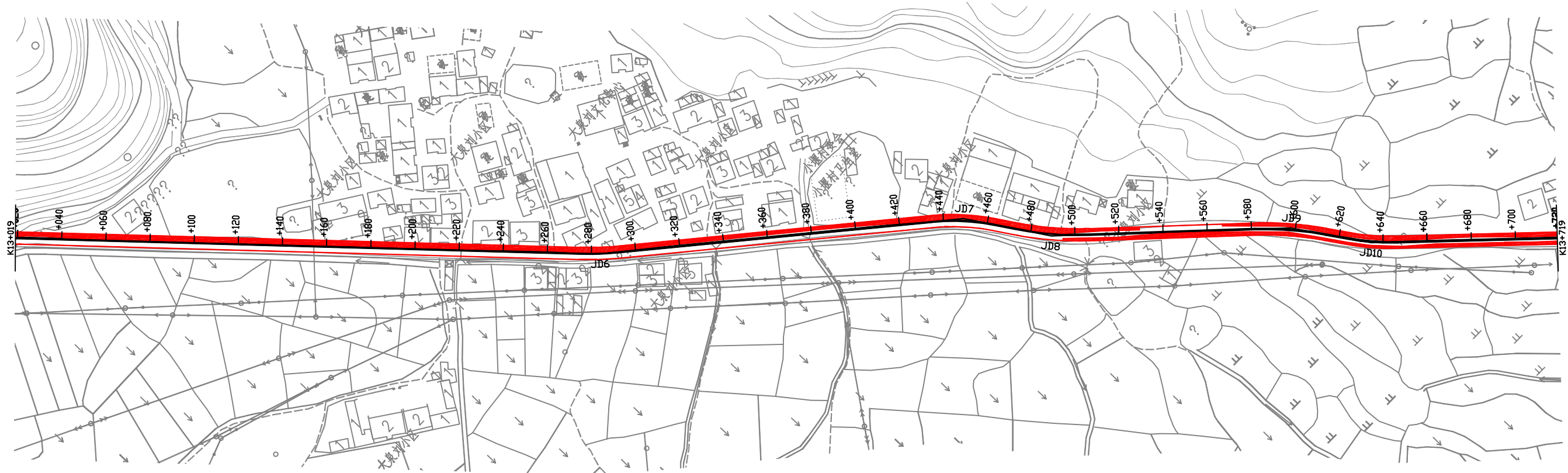
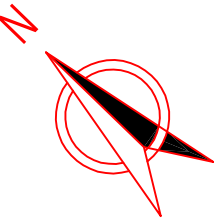




曲线元素表

| 交点号 | 交点坐标        |            | 交点桩号        | 转角值             | 曲线要素值(米) |       |        |        |       |       |
|-----|-------------|------------|-------------|-----------------|----------|-------|--------|--------|-------|-------|
|     | X(N)        | Y(E)       |             |                 | 半 径      | 缓和曲线长 | 切线长度   | 曲线长度   | 外 距   | 校正值   |
| JD0 | 3312873.222 | 464426.413 | K12+319     |                 |          |       |        |        |       |       |
| JD1 | 3312755.832 | 464767.534 | K12+679.755 | 19°48'32"*(Y)   | 60       |       | 10.476 | 20.744 | 0.908 | 0.209 |
| JD2 | 3312686.297 | 464854.021 | K12+790.519 | 10°19'33.2"*(Y) | 200      |       | 18.071 | 36.044 | 0.815 | 0.098 |
| JD3 | 3312647.272 | 464887.797 | K12+842.033 | 3°47'09"*(Z)    | 300      |       | 9.915  | 19.823 | 0.164 | 0.007 |
| JD4 | 3312580.045 | 464954.234 | K12+936.542 | 20°24'10.3"*(Z) | 60       |       | 10.797 | 21.366 | 0.964 | 0.229 |
| JD5 | 3312553.917 | 465010.430 | K12+998.286 | 22°32'11.6"*(Y) | 120      |       | 23.909 | 47.200 | 2.359 | 0.618 |

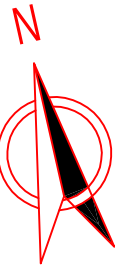
路面拓宽路段



曲线元素表

| 交点号  | 交点坐标        |            | 交点桩号        | 转角值            | 曲线要素值(米) |       |        |        |       |       |
|------|-------------|------------|-------------|----------------|----------|-------|--------|--------|-------|-------|
|      | X(N)        | Y(E)       |             |                | 半 径      | 缓和曲线长 | 切线长度   | 曲线长度   | 外 距   | 校正值   |
| JD5  | 3312553.917 | 465010.430 | K12+998.286 | 22°32'11.6°(Y) | 120      |       | 23.909 | 47.200 | 2.359 | 0.618 |
| JD6  | 3312343.082 | 465203.810 | K13+283.758 | 7°07'41°(Z)    | 150      |       | 9.343  | 18.661 | 0.291 | 0.024 |
| JD7  | 3312235.899 | 465329.997 | K13+449.297 | 16°48'49.8°(Y) | 100      |       | 14.779 | 29.346 | 1.086 | 0.212 |
| JD8  | 3312201.920 | 465351.930 | K13+489.529 | 13°10'19.5°(Z) | 150      |       | 17.319 | 34.484 | 0.996 | 0.153 |
| JD9  | 3312126.640 | 465429.922 | K13+597.772 | 12°18'43.6°(Y) | 150      |       | 16.179 | 32.233 | 0.870 | 0.125 |
| JD10 | 3312095.662 | 465450.584 | K13+634.884 | 11°52'13.2°(Z) | 100      |       | 10.396 | 20.718 | 0.539 | 0.074 |

路面拓宽路段



曲线元素表

| 交点号  | 交点坐标        |            | 交点桩号        | 转角值            | 曲线要素值(米) |       |        |        |       |       |
|------|-------------|------------|-------------|----------------|----------|-------|--------|--------|-------|-------|
|      | X(N)        | Y(E)       |             |                | 半径       | 缓和曲线长 | 切线长度   | 曲线长度   | 外距    | 校正值   |
| JD11 | 3312001.668 | 465546.473 | K13+769.084 | 3°38'22.4°(Y)  | 500      |       | 15.886 | 31.761 | 0.252 | 0.011 |
| JD12 | 3311953.438 | 465589.797 | K13+833.905 | 13°23'14.4°(Z) | 100      |       | 11.736 | 23.365 | 0.686 | 0.107 |
| JD13 | 3311920.354 | 465637.612 | K13+891.943 | 52°18'01.9°(Z) | 20       |       | 9.820  | 18.256 | 2.281 | 1.383 |
| JD14 | 3311942.669 | 465707.871 | K13+964.277 | 29°12'18.1°(Z) | 110      |       | 28.658 | 56.070 | 3.672 | 1.246 |
| JD15 | 3311983.485 | 465746.166 | K14+019     |                |          |       |        |        |       |       |

路面拓宽路段

直线、曲线及转角表

金牛镇小堰村高秦线

| 交<br>点<br>号 | 交 点 坐 标     |             | 交点桩号        | 转 角 值             | 曲 线 要 素 值 (m) |            |            |            |            |        |       | 曲 线 主 点 桩 号 |                    |             |                    |        | 直线长度及方向      |              |                | 备 注 |
|-------------|-------------|-------------|-------------|-------------------|---------------|------------|------------|------------|------------|--------|-------|-------------|--------------------|-------------|--------------------|--------|--------------|--------------|----------------|-----|
|             | N (X)       | E (Y)       |             |                   | 半 径           | 缓和曲<br>线长度 | 缓和曲<br>线参数 | 切 线<br>长 度 | 曲 线<br>长 度 | 外 距    | 校正值   | 第一缓和曲线      | 第一缓和曲线终<br>点或圆曲线起点 | 曲线中点        | 第二缓和曲线起<br>点或圆曲线终点 | 第二缓和曲线 | 直线段<br>长 (m) | 交点间<br>距 (m) | 计算方位角          |     |
| 1           | 2           | 3           | 4           | 5                 | 6             | 7          | 8          | 9          | 10         | 11     | 12    | 13          | 14                 | 15          | 16                 | 17     | 18           | 19           | 20             | 21  |
| JD0         | 3312873.222 | 464426.413  | K12+319     |                   |               |            |            |            |            |        |       |             |                    |             |                    |        |              |              |                |     |
| JD1         | 3312755.832 | 464767.5342 | K12+679.755 | 19° 48′ 32″ (Y)   | 60            |            |            | 10.476     | 20.74382   | 0.9078 | 0.209 |             | K12+669.278        | K12+679.650 | K12+690.022        |        | 350.2784     | 360.7549     | 108° 59′ 23.6″ |     |
| JD2         | 3312686.297 | 464854.0215 | K12+790.519 | 10° 19′ 33.2″ (Y) | 200           |            |            | 18.071     | 36.04415   | 0.8147 | 0.098 |             | K12+772.448        | K12+790.470 | K12+808.492        |        | 82.42591     | 110.9734     | 128° 47′ 55.6″ |     |
| JD3         | 3312647.272 | 464887.797  | K12+842.033 | 3° 47′ 09″ (Z)    | 300           |            |            | 9.915      | 19.8226    | 0.1638 | 0.007 |             | K12+832.118        | K12+842.029 | K12+851.941        |        | 23.62584     | 51.61176     | 139° 07′ 28.7″ |     |
| JD4         | 3312580.045 | 464954.234  | K12+936.542 | 20° 24′ 10.3″ (Z) | 60            |            |            | 10.797     | 21.36581   | 0.9638 | 0.229 |             | K12+925.745        | K12+936.428 | K12+947.111        |        | 73.80447     | 94.51662     | 135° 20′ 19.7″ |     |
| JD5         | 3312553.917 | 465010.4295 | K12+998.286 | 22° 32′ 11.6″ (Y) | 120           |            |            | 23.909     | 47.20044   | 2.3587 | 0.618 |             | K12+974.377        | K12+997.977 | K13+021.578        |        | 27.26619     | 61.97271     | 114° 56′ 09.5″ |     |
| JD6         | 3312343.082 | 465203.81   | K13+283.758 | 7° 07′ 41″ (Z)    | 150           |            |            | 9.343      | 18.66124   | 0.2907 | 0.024 |             | K13+274.415        | K13+283.746 | K13+293.076        |        | 252.8376     | 286.0895     | 137° 28′ 21.1″ |     |
| JD7         | 3312235.899 | 465329.9969 | K13+449.297 | 16° 48′ 49.8″ (Y) | 100           |            |            | 14.779     | 29.34568   | 1.0862 | 0.212 |             | K13+434.518        | K13+449.191 | K13+463.864        |        | 141.4417     | 165.5635     | 130° 20′ 40″   |     |
| JD8         | 3312201.92  | 465351.9304 | K13+489.529 | 13° 10′ 19.5″ (Z) | 150           |            |            | 17.319     | 34.48446   | 0.9965 | 0.153 |             | K13+472.210        | K13+489.452 | K13+506.694        |        | 8.346106     | 40.44373     | 147° 09′ 29.8″ |     |
| JD9         | 3312126.64  | 465429.9224 | K13+597.772 | 12° 18′ 43.6″ (Y) | 150           |            |            | 16.179     | 32.23306   | 0.87   | 0.125 |             | K13+581.594        | K13+597.710 | K13+613.827        |        | 74.89906     | 108.3965     | 133° 59′ 10.3″ |     |
| JD10        | 3312095.662 | 465450.5837 | K13+634.884 | 11° 52′ 13.2″ (Z) | 100           |            |            | 10.396     | 20.71762   | 0.5389 | 0.074 |             | K13+624.488        | K13+634.847 | K13+645.206        |        | 10.6615      | 37.23636     | 146° 17′ 53.9″ |     |
| JD11        | 3312001.668 | 465546.473  | K13+769.084 | 3° 38′ 22.4″ (Y)  | 500           |            |            | 15.886     | 31.76121   | 0.2523 | 0.011 |             | K13+753.198        | K13+769.079 | K13+784.959        |        | 107.9922     | 134.2742     | 134° 25′ 40.8″ |     |
| JD12        | 3311953.438 | 465589.7969 | K13+833.905 | 13° 23′ 14.4″ (Z) | 100           |            |            | 11.736     | 23.36531   | 0.6863 | 0.107 |             | K13+822.169        | K13+833.851 | K13+845.534        |        | 37.20952     | 64.83157     | 138° 04′ 03.2″ |     |
| JD13        | 3311920.354 | 465637.6116 | K13+891.943 | 52° 18′ 01.9″ (Z) | 20            |            |            | 9.82       | 18.25633   | 2.2806 | 1.383 |             | K13+882.123        | K13+891.251 | K13+900.379        |        | 36.58888     | 58.14465     | 124° 40′ 48.8″ |     |
| JD14        | 3311942.669 | 465707.871  | K13+964.277 | 29° 12′ 18.1″ (Z) | 110           |            |            | 28.658     | 56.06964   | 3.6718 | 1.246 |             | K13+935.619        | K13+963.654 | K13+991.689        |        | 35.24024     | 73.71792     | 72° 22′ 46.9″  |     |
| JD15        | 3311983.485 | 465746.1663 | K14+019     |                   |               |            |            |            |            |        |       |             |                    |             |                    |        | 27.31095     | 55.96897     | 43° 10′ 28.7″  |     |
|             |             |             |             |                   |               |            |            |            |            |        |       |             |                    |             |                    |        |              |              |                |     |

编制：周耀辉

复核：方江恩

逐 桩 坐 标 表

金牛镇小堰村高秦线

| 桩 号         | 坐 标         |             | 桩 号         | 坐 标         |             | 桩 号         | 坐 标         |             | 桩 号         | 坐 标         |             |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|             | N (X)       | E (Y)       |             | N (X)       | E (Y)       |             | N (X)       | E (Y)       |             | N (X)       | E (Y)       |
| K12+319     | 3312873.222 | 464426.413  | K12+740     | 3312717.952 | 464814.6493 | K13+020     | 3312537.452 | 465025.5169 | K13+434.518 | 3312245.467 | 465318.7328 |
| K12+320     | 3312872.897 | 464427.3586 | K12+760     | 3312705.42  | 464830.2363 | K13+021.578 | 3312536.297 | 465026.5909 | K13+440     | 3312241.805 | 465322.8115 |
| K12+340     | 3312866.389 | 464446.2701 | K12+772.448 | 3312697.621 | 464839.9378 | K13+040     | 3312522.72  | 465039.0434 | K13+449.191 | 3312235.183 | 465329.1802 |
| K12+360     | 3312859.881 | 464465.1816 | K12+780     | 3312692.779 | 464845.7326 | K13+060     | 3312507.981 | 465052.5622 | K13+460     | 3312226.687 | 465335.8542 |
| K12+380     | 3312853.373 | 464484.0931 | K12+790.470 | 3312685.711 | 464853.4559 | K13+080     | 3312493.242 | 465066.0811 | K13+463.864 | 3312223.482 | 465338.0119 |
| K12+400     | 3312846.865 | 464503.0047 | K12+800     | 3312678.935 | 464860.1553 | K13+100     | 3312478.503 | 465079.6    | K13+472.210 | 3312216.47  | 465342.5381 |
| K12+420     | 3312840.356 | 464521.9162 | K12+808.492 | 3312672.633 | 464865.8474 | K13+120     | 3312463.764 | 465093.1189 | K13+480     | 3312210.038 | 465346.9308 |
| K12+440     | 3312833.848 | 464540.8277 | K12+820     | 3312663.932 | 464873.3782 | K13+140     | 3312449.025 | 465106.6377 | K13+489.452 | 3312202.552 | 465352.7    |
| K12+460     | 3312827.34  | 464559.7392 | K12+832.118 | 3312654.769 | 464881.3085 | K13+160     | 3312434.286 | 465120.1566 | K13+500     | 3312194.647 | 465359.6798 |
| K12+480     | 3312820.832 | 464578.6507 | K12+840     | 3312648.878 | 464886.5442 | K13+180     | 3312419.547 | 465133.6755 | K13+506.694 | 3312189.892 | 465364.3912 |
| K12+500     | 3312814.324 | 464597.5623 | K12+842.029 | 3312647.383 | 464887.9172 | K13+200     | 3312404.808 | 465147.1944 | K13+520     | 3312180.652 | 465373.9646 |
| K12+520     | 3312807.816 | 464616.4738 | K12+851.941 | 3312640.22  | 464894.7663 | K13+220     | 3312390.069 | 465160.7132 | K13+540     | 3312166.762 | 465388.3548 |
| K12+540     | 3312801.308 | 464635.3853 | K12+860     | 3312634.487 | 464900.4313 | K13+240     | 3312375.33  | 465174.2321 | K13+560     | 3312152.872 | 465402.7449 |
| K12+560     | 3312794.8   | 464654.2968 | K12+880     | 3312620.262 | 464914.4895 | K13+260     | 3312360.59  | 465187.751  | K13+580     | 3312138.983 | 465417.135  |
| K12+580     | 3312788.292 | 464673.2084 | K12+900     | 3312606.036 | 464928.5478 | K13+274.415 | 3312349.967 | 465197.4949 | K13+581.594 | 3312137.876 | 465418.2816 |
| K12+600     | 3312781.784 | 464692.1199 | K12+920     | 3312591.811 | 464942.6061 | K13+280     | 3312345.923 | 465201.3456 | K13+597.710 | 3312126.082 | 465429.2545 |
| K12+620     | 3312775.276 | 464711.0314 | K12+925.745 | 3312587.724 | 464946.6444 | K13+283.746 | 3312343.291 | 465204.0116 | K13+600     | 3312124.313 | 465430.7087 |
| K12+640     | 3312768.768 | 464729.9429 | K12+936.428 | 3312580.833 | 464954.7886 | K13+293.076 | 3312337.034 | 465210.9307 | K13+613.827 | 3312113.18  | 465438.8995 |
| K12+660     | 3312762.26  | 464748.8544 | K12+940     | 3312578.865 | 464957.7691 | K13+300     | 3312332.552 | 465216.2075 | K13+620     | 3312108.044 | 465442.325  |
| K12+669.278 | 3312759.241 | 464757.6279 | K12+947.111 | 3312575.492 | 464964.0247 | K13+320     | 3312319.604 | 465231.4509 | K13+624.488 | 3312104.31  | 465444.8153 |
| K12+679.650 | 3312755.037 | 464767.0956 | K12+960     | 3312570.058 | 464975.7122 | K13+340     | 3312306.656 | 465246.6942 | K13+634.847 | 3312096.005 | 465450.9987 |
| K12+680     | 3312754.867 | 464767.4012 | K12+974.377 | 3312563.997 | 464988.7491 | K13+360     | 3312293.709 | 465261.9375 | K13+640     | 3312092.123 | 465454.3868 |
| K12+690.022 | 3312749.268 | 464775.699  | K12+980     | 3312561.508 | 464993.7903 | K13+380     | 3312280.761 | 465277.1809 | K13+645.206 | 3312088.384 | 465458.0078 |
| K12+700     | 3312743.016 | 464783.4752 | K12+997.977 | 3312552.013 | 465009.0363 | K13+400     | 3312267.813 | 465292.4242 | K13+660     | 3312078.028 | 465468.5729 |
| K12+720     | 3312730.484 | 464799.0623 | K13+000     | 3312550.805 | 465010.6582 | K13+420     | 3312254.866 | 465307.6675 | K13+680     | 3312064.028 | 465482.8555 |

编制：周耀辉

复核：方江恩

逐 桩 坐 标 表

金牛镇小堰村高秦线

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| 桩 号         | 坐 标         |             | 桩 号         | 坐 标         |             | 桩 号 | 坐 标   |       | 桩 号 | 坐 标   |       |
|-------------|-------------|-------------|-------------|-------------|-------------|-----|-------|-------|-----|-------|-------|
|             | N (X)       | E (Y)       |             | N (X)       | E (Y)       |     | N (X) | E (Y) |     | N (X) | E (Y) |
| K13+700     | 3312050.028 | 465497.1381 | K13+980     | 3311955.484 | 465719.0441 |     |       |       |     |       |       |
| K13+720     | 3312036.027 | 465511.4207 | K13+991.689 | 3311963.568 | 465727.4795 |     |       |       |     |       |       |
| K13+740     | 3312022.027 | 465525.7033 | K14+000     | 3311969.629 | 465733.166  |     |       |       |     |       |       |
| K13+753.198 | 3312012.788 | 465535.1284 | K14+019     | 3311983.485 | 465746.1663 |     |       |       |     |       |       |
| K13+760     | 3312007.994 | 465539.9534 |             |             |             |     |       |       |     |       |       |
| K13+769.079 | 3312001.494 | 465546.2908 |             |             |             |     |       |       |     |       |       |
| K13+780     | 3311993.523 | 465553.7567 |             |             |             |     |       |       |     |       |       |
| K13+784.959 | 3311989.85  | 465557.0888 |             |             |             |     |       |       |     |       |       |
| K13+800     | 3311978.661 | 465567.14   |             |             |             |     |       |       |     |       |       |
| K13+820     | 3311963.782 | 465580.5051 |             |             |             |     |       |       |     |       |       |
| K13+822.169 | 3311962.169 | 465581.9543 |             |             |             |     |       |       |     |       |       |
| K13+833.851 | 3311953.953 | 465590.2506 |             |             |             |     |       |       |     |       |       |
| K13+840     | 3311950.033 | 465594.9866 |             |             |             |     |       |       |     |       |       |
| K13+845.534 | 3311946.76  | 465599.448  |             |             |             |     |       |       |     |       |       |
| K13+860     | 3311938.529 | 465611.344  |             |             |             |     |       |       |     |       |       |
| K13+880     | 3311927.149 | 465627.7908 |             |             |             |     |       |       |     |       |       |
| K13+882.123 | 3311925.941 | 465629.5365 |             |             |             |     |       |       |     |       |       |
| K13+891.251 | 3311922.609 | 465637.9499 |             |             |             |     |       |       |     |       |       |
| K13+900     | 3311923.215 | 465646.6082 |             |             |             |     |       |       |     |       |       |
| K13+900.379 | 3311923.326 | 465646.9706 |             |             |             |     |       |       |     |       |       |
| K13+920     | 3311929.265 | 465665.6709 |             |             |             |     |       |       |     |       |       |
| K13+935.619 | 3311933.994 | 465680.5575 |             |             |             |     |       |       |     |       |       |
| K13+940     | 3311935.402 | 465684.7051 |             |             |             |     |       |       |     |       |       |
| K13+960     | 3311943.878 | 465702.7899 |             |             |             |     |       |       |     |       |       |
| K13+963.654 | 3311945.775 | 465705.9131 |             |             |             |     |       |       |     |       |       |

编制：周耀辉

复核：方江恩

S2-6

公路逐桩用地与坐标表

金牛镇小堰村高秦线

第1页 共5页

| 桩号      | 中桩坐标        |             | 左侧用地界至  | 左侧边桩坐标      |             | 右侧用地界至  | 右侧边桩坐标      |             | 用地面积    | 本页累计    | 土地类别 | 所属县乡 | 备注 |
|---------|-------------|-------------|---------|-------------|-------------|---------|-------------|-------------|---------|---------|------|------|----|
|         | X(N)        | Y(E)        | 中桩距离(m) | X(N)        | Y(E)        | 中桩距离(m) | X(N)        | Y(E)        | (m2)    | 面积(m2)  |      |      |    |
| 1       | 2           | 3           | 4       | 5           | 6           | 7       | 8           | 9           | 10      | 11      | 12   | 13   | 14 |
| K12+319 | 3312873.222 | 464426.413  | 7.645   | 3312880.451 | 464428.9007 | 7.345   | 3312866.277 | 464424.0229 |         |         |      |      |    |
| K12+340 | 3312866.389 | 464446.2701 | 7.045   | 3312873.05  | 464448.5625 | 9.445   | 3312857.458 | 464443.1967 | 330.54  | 330.54  |      |      |    |
| K12+360 | 3312859.881 | 464465.1816 | 6.82    | 3312866.329 | 464467.4009 | 7.42    | 3312852.864 | 464462.7671 | 307.30  | 637.84  |      |      |    |
| K12+380 | 3312853.373 | 464484.0931 | 6.82    | 3312859.821 | 464486.3124 | 6.82    | 3312846.924 | 464481.8739 | 278.80  | 916.64  |      |      |    |
| K12+400 | 3312846.865 | 464503.0047 | 6.82    | 3312853.313 | 464505.2239 | 6.82    | 3312840.416 | 464500.7854 | 272.80  | 1189.44 |      |      |    |
| K12+420 | 3312840.356 | 464521.9162 | 6.82    | 3312846.805 | 464524.1354 | 6.82    | 3312833.908 | 464519.6969 | 272.80  | 1462.24 |      |      |    |
| K12+440 | 3312833.848 | 464540.8277 | 6.82    | 3312840.297 | 464543.0469 | 6.82    | 3312827.4   | 464538.6085 | 272.80  | 1735.04 |      |      |    |
| K12+460 | 3312827.34  | 464559.7392 | 6.82    | 3312833.789 | 464561.9585 | 6.82    | 3312820.892 | 464557.52   | 272.80  | 2007.84 |      |      |    |
| K12+480 | 3312820.832 | 464578.6507 | 6.82    | 3312827.281 | 464580.87   | 6.82    | 3312814.384 | 464576.4315 | 272.80  | 2280.64 |      |      |    |
| K12+500 | 3312814.324 | 464597.5623 | 7.345   | 3312821.27  | 464599.9523 | 6.82    | 3312807.876 | 464595.343  | 278.05  | 2558.69 |      |      |    |
| K12+520 | 3312807.816 | 464616.4738 | 7.645   | 3312815.045 | 464618.9615 | 6.82    | 3312801.368 | 464614.2546 | 286.30  | 2844.99 |      |      |    |
| K12+540 | 3312801.308 | 464635.3853 | 7.345   | 3312808.254 | 464637.7754 | 6.82    | 3312794.86  | 464633.1661 | 286.30  | 3131.29 |      |      |    |
| K12+560 | 3312794.8   | 464654.2968 | 6.82    | 3312801.249 | 464656.5161 | 6.82    | 3312788.351 | 464652.0776 | 278.05  | 3409.34 |      |      |    |
| K12+580 | 3312788.292 | 464673.2084 | 7.645   | 3312795.521 | 464675.696  | 6.82    | 3312781.843 | 464670.9891 | 281.05  | 3690.39 |      |      |    |
| K12+600 | 3312781.784 | 464692.1199 | 7.045   | 3312788.446 | 464694.4123 | 6.82    | 3312775.335 | 464689.9006 | 283.30  | 3973.69 |      |      |    |
| K12+620 | 3312775.276 | 464711.0314 | 7.22    | 3312782.103 | 464713.3808 | 6.82    | 3312768.827 | 464708.8122 | 279.05  | 4252.74 |      |      |    |
| K12+640 | 3312768.768 | 464729.9429 | 6.82    | 3312775.217 | 464732.1622 | 6.82    | 3312762.319 | 464727.7237 | 276.80  | 4529.54 |      |      |    |
| K12+660 | 3312762.26  | 464748.8544 | 6.778   | 3312768.669 | 464751.06   | 6.82    | 3312755.811 | 464746.6352 | 272.38  | 4801.92 |      |      |    |
| K12+680 | 3312754.867 | 464767.4012 | 6.91    | 3312760.898 | 464770.7753 | 6.82    | 3312748.916 | 464764.0711 | 273.28  | 5075.20 |      |      |    |
| K12+700 | 3312743.016 | 464783.4752 | 6.783   | 3312748.302 | 464787.7254 | 6.82    | 3312737.7   | 464779.2019 | 273.33  | 5348.53 |      |      |    |
| K12+720 | 3312730.484 | 464799.0623 | 7.42    | 3312736.267 | 464803.7115 | 6.82    | 3312725.169 | 464794.7889 | 278.43  | 5626.96 |      |      |    |
| K12+740 | 3312717.952 | 464814.6493 | 8.42    | 3312724.514 | 464819.9251 | 6.82    | 3312712.637 | 464810.376  | 294.80  | 5921.76 |      |      |    |
| 累计用地面积  |             |             |         |             |             |         |             |             | 5921.76 |         |      |      |    |

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复核：方江恩

S2-7

公路逐桩用地与坐标表

金牛镇小堰村高秦线

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| 桩号      | 中桩坐标        |             | 左侧用地界至  | 左侧边桩坐标      |             | 右侧用地界至  | 右侧边桩坐标      |             | 用地面积    | 本页累计    | 土地类别 | 所属县乡 | 备注 |
|---------|-------------|-------------|---------|-------------|-------------|---------|-------------|-------------|---------|---------|------|------|----|
|         | X(N)        | Y(E)        | 中桩距离(m) | X(N)        | Y(E)        | 中桩距离(m) | X(N)        | Y(E)        | (m2)    | 面积(m2)  |      |      |    |
| 1       | 2           | 3           | 4       | 5           | 6           | 7       | 8           | 9           | 10      | 11      | 12   | 13   | 14 |
| K12+740 | 3312717.952 | 464814.6493 | 8.42    | 3312724.514 | 464819.9251 | 6.82    | 3312712.637 | 464810.376  |         |         |      |      |    |
| K12+760 | 3312705.42  | 464830.2363 | 9.22    | 3312712.606 | 464836.0134 | 6.82    | 3312700.105 | 464825.963  | 312.80  | 312.80  |      |      |    |
| K12+780 | 3312692.779 | 464845.7326 | 9.42    | 3312699.892 | 464851.908  | 6.82    | 3312687.629 | 464841.2617 | 322.80  | 635.60  |      |      |    |
| K12+800 | 3312678.935 | 464860.1553 | 8.62    | 3312684.847 | 464866.4278 | 6.82    | 3312674.257 | 464855.1925 | 316.80  | 952.40  |      |      |    |
| K12+820 | 3312663.932 | 464873.3782 | 7.82    | 3312669.049 | 464879.2912 | 6.82    | 3312659.469 | 464868.2214 | 300.80  | 1253.20 |      |      |    |
| K12+840 | 3312648.878 | 464886.5442 | 7.22    | 3312653.744 | 464891.8775 | 6.82    | 3312644.281 | 464881.5064 | 286.80  | 1540.00 |      |      |    |
| K12+860 | 3312634.487 | 464900.4313 | 6.82    | 3312639.281 | 464905.2822 | 6.82    | 3312629.694 | 464895.5804 | 276.80  | 1816.80 |      |      |    |
| K12+880 | 3312620.262 | 464914.4895 | 7.42    | 3312625.477 | 464919.7672 | 6.82    | 3312615.468 | 464909.6386 | 278.80  | 2095.60 |      |      |    |
| K12+900 | 3312606.036 | 464928.5478 | 6.82    | 3312610.83  | 464933.3987 | 6.82    | 3312601.243 | 464923.6969 | 278.80  | 2374.40 |      |      |    |
| K12+920 | 3312591.811 | 464942.6061 | 7.22    | 3312596.886 | 464947.7415 | 6.752   | 3312587.065 | 464937.8035 | 276.12  | 2650.52 |      |      |    |
| K12+940 | 3312578.865 | 464957.7691 | 6.82    | 3312584.666 | 464961.3555 | 6.31    | 3312573.498 | 464954.4509 | 271.02  | 2921.54 |      |      |    |
| K12+960 | 3312570.058 | 464975.7122 | 6.768   | 3312576.195 | 464978.5656 | 6.762   | 3312563.927 | 464972.8613 | 266.60  | 3188.14 |      |      |    |
| K12+980 | 3312561.508 | 464993.7903 | 8.11    | 3312568.693 | 464997.5503 | 6.82    | 3312555.465 | 464990.6285 | 284.60  | 3472.74 |      |      |    |
| K13+000 | 3312550.805 | 465010.6582 | 9.11    | 3312558.064 | 465016.1623 | 6.82    | 3312545.37  | 465006.5377 | 308.60  | 3781.34 |      |      |    |
| K13+020 | 3312537.452 | 465025.5169 | 6.31    | 3312541.778 | 465030.1106 | 6.82    | 3312532.777 | 465020.5519 | 290.60  | 4071.94 |      |      |    |
| K13+040 | 3312522.72  | 465039.0434 | 6.82    | 3312527.33  | 465044.0694 | 6.82    | 3312518.11  | 465034.0173 | 267.70  | 4339.64 |      |      |    |
| K13+060 | 3312507.981 | 465052.5622 | 6.82    | 3312512.591 | 465057.5883 | 6.82    | 3312503.371 | 465047.5362 | 272.80  | 4612.44 |      |      |    |
| K13+080 | 3312493.242 | 465066.0811 | 6.82    | 3312497.852 | 465071.1071 | 6.82    | 3312488.632 | 465061.0551 | 272.80  | 4885.24 |      |      |    |
| K13+100 | 3312478.503 | 465079.6    | 6.82    | 3312483.113 | 465084.626  | 6.82    | 3312473.893 | 465074.574  | 272.80  | 5158.04 |      |      |    |
| K13+120 | 3312463.764 | 465093.1189 | 7.22    | 3312468.644 | 465098.4397 | 6.82    | 3312459.154 | 465088.0928 | 276.80  | 5434.84 |      |      |    |
| K13+140 | 3312449.025 | 465106.6377 | 6.82    | 3312453.635 | 465111.6638 | 6.82    | 3312444.415 | 465101.6117 | 276.80  | 5711.64 |      |      |    |
| K13+160 | 3312434.286 | 465120.1566 | 7.22    | 3312439.166 | 465125.4774 | 6.82    | 3312429.676 | 465115.1306 | 276.80  | 5988.44 |      |      |    |
| 累计用地面积  |             |             |         |             |             |         |             |             | 5988.44 |         |      |      |    |

编制：周耀辉

复核：方江恩

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公路逐桩用地与坐标表

金牛镇小堰村高秦线

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| 桩号      | 中桩坐标        |             | 左侧用地界至  | 左侧边桩坐标      |             | 右侧用地界至  | 右侧边桩坐标      |             | 用地面积    | 本页累计    | 土地类别 | 所属县乡 | 备注 |
|---------|-------------|-------------|---------|-------------|-------------|---------|-------------|-------------|---------|---------|------|------|----|
|         | X(N)        | Y(E)        | 中桩距离(m) | X(N)        | Y(E)        | 中桩距离(m) | X(N)        | Y(E)        | (m2)    | 面积(m2)  |      |      |    |
| 1       | 2           | 3           | 4       | 5           | 6           | 7       | 8           | 9           | 10      | 11      | 12   | 13   | 14 |
| K13+160 | 3312434.286 | 465120.1566 | 7.22    | 3312439.166 | 465125.4774 | 6.82    | 3312429.676 | 465115.1306 |         |         |      |      |    |
| K13+180 | 3312419.547 | 465133.6755 | 6.82    | 3312424.157 | 465138.7015 | 6.82    | 3312414.937 | 465128.6495 | 276.80  | 276.80  |      |      |    |
| K13+200 | 3312404.808 | 465147.1944 | 7.22    | 3312409.688 | 465152.5152 | 6.82    | 3312400.198 | 465142.1683 | 276.80  | 553.60  |      |      |    |
| K13+220 | 3312390.069 | 465160.7132 | 6.82    | 3312394.679 | 465165.7393 | 6.82    | 3312385.459 | 465155.6872 | 276.80  | 830.40  |      |      |    |
| K13+240 | 3312375.33  | 465174.2321 | 6.82    | 3312379.939 | 465179.2581 | 6.82    | 3312370.72  | 465169.2061 | 272.80  | 1103.20 |      |      |    |
| K13+260 | 3312360.59  | 465187.751  | 6.82    | 3312365.2   | 465192.777  | 6.82    | 3312355.981 | 465182.725  | 272.80  | 1376.00 |      |      |    |
| K13+280 | 3312345.923 | 465201.3456 | 6.82    | 3312350.716 | 465206.1965 | 6.82    | 3312341.129 | 465196.4947 | 272.80  | 1648.80 |      |      |    |
| K13+300 | 3312332.552 | 465216.2075 | 6.82    | 3312337.75  | 465220.6227 | 6.82    | 3312327.354 | 465211.7924 | 272.80  | 1921.60 |      |      |    |
| K13+320 | 3312319.604 | 465231.4509 | 6.82    | 3312324.802 | 465235.866  | 6.82    | 3312314.406 | 465227.0357 | 272.80  | 2194.40 |      |      |    |
| K13+340 | 3312306.656 | 465246.6942 | 7.02    | 3312312.007 | 465251.2388 | 6.82    | 3312301.458 | 465242.2791 | 274.80  | 2469.20 |      |      |    |
| K13+360 | 3312293.709 | 465261.9375 | 6.82    | 3312298.907 | 465266.3527 | 6.82    | 3312288.511 | 465257.5224 | 274.80  | 2744.00 |      |      |    |
| K13+380 | 3312280.761 | 465277.1809 | 6.82    | 3312285.959 | 465281.596  | 6.82    | 3312275.563 | 465272.7657 | 272.80  | 3016.80 |      |      |    |
| K13+400 | 3312267.813 | 465292.4242 | 6.82    | 3312273.011 | 465296.8393 | 6.82    | 3312262.615 | 465288.009  | 272.80  | 3289.60 |      |      |    |
| K13+420 | 3312254.866 | 465307.6675 | 6.816   | 3312260.061 | 465312.0801 | 6.82    | 3312249.668 | 465303.2524 | 272.76  | 3562.36 |      |      |    |
| K13+440 | 3312241.805 | 465322.8115 | 6.31    | 3312246.384 | 465327.1538 | 6.82    | 3312236.857 | 465318.1182 | 267.66  | 3830.02 |      |      |    |
| K13+460 | 3312226.687 | 465335.8542 | 7.13    | 3312230.783 | 465341.6908 | 6.82    | 3312222.77  | 465330.2714 | 270.80  | 4100.82 |      |      |    |
| K13+480 | 3312210.038 | 465346.9308 | 7.42    | 3312214.38  | 465352.9476 | 6.82    | 3312206.047 | 465341.4006 | 281.90  | 4382.72 |      |      |    |
| K13+500 | 3312194.647 | 465359.6798 | 6.82    | 3312199.338 | 465364.6304 | 6.82    | 3312189.956 | 465354.7292 | 278.80  | 4661.52 |      |      |    |
| K13+520 | 3312180.652 | 465373.9646 | 6.82    | 3312185.559 | 465378.701  | 6.82    | 3312175.745 | 465369.2282 | 272.80  | 4934.32 |      |      |    |
| K13+540 | 3312166.762 | 465388.3548 | 6.745   | 3312171.615 | 465393.0391 | 6.82    | 3312161.855 | 465383.6184 | 272.05  | 5206.37 |      |      |    |
| K13+560 | 3312152.872 | 465402.7449 | 7.62    | 3312158.355 | 465408.0369 | 6.82    | 3312147.965 | 465398.0085 | 280.05  | 5486.42 |      |      |    |
| K13+580 | 3312138.983 | 465417.135  | 7.62    | 3312144.465 | 465422.427  | 6.82    | 3312134.076 | 465412.3987 | 288.80  | 5775.22 |      |      |    |
| 累计用地面积  |             |             |         |             |             |         |             |             | 5775.22 |         |      |      |    |

编制：周耀辉

复核：方江恩

S2-7

公路逐桩用地与坐标表

金牛镇小堰村高秦线

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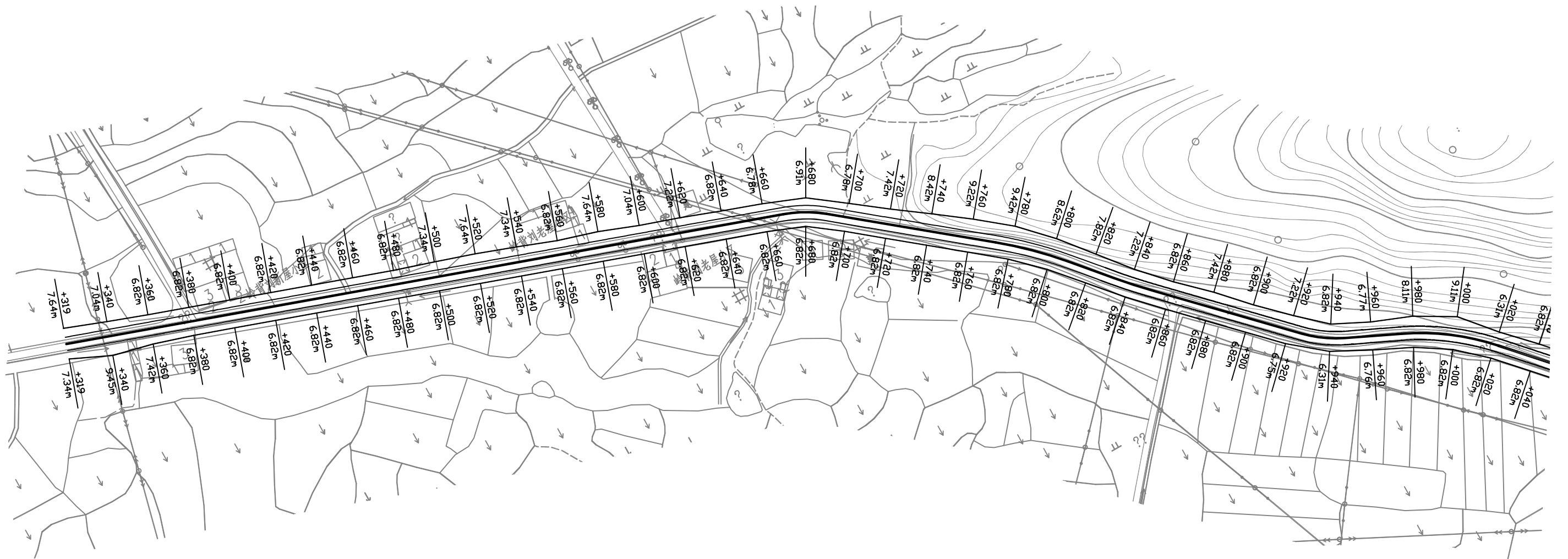
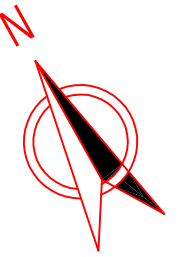
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|---------|-------------|-------------|---------|-------------|-------------|---------|-------------|-------------|---------|---------|------|------|----|
|         | X(N)        | Y(E)        | 中桩距离(m) | X(N)        | Y(E)        | 中桩距离(m) | X(N)        | Y(E)        | (m2)    | 面积(m2)  |      |      |    |
| 1       | 2           | 3           | 4       | 5           | 6           | 7       | 8           | 9           | 10      | 11      | 12   | 13   | 14 |
| K13+580 | 3312138.983 | 465417.135  | 7.62    | 3312144.465 | 465422.427  | 6.82    | 3312134.076 | 465412.3987 |         |         |      |      |    |
| K13+600 | 3312124.313 | 465430.7087 | 6.745   | 3312128.557 | 465435.9518 | 6.82    | 3312120.023 | 465425.4073 | 280.05  | 280.05  |      |      |    |
| K13+620 | 3312108.044 | 465442.325  | 7.945   | 3312112.453 | 465448.9347 | 6.775   | 3312104.285 | 465436.6886 | 282.85  | 562.90  |      |      |    |
| K13+640 | 3312092.123 | 465454.3868 | 6.745   | 3312096.688 | 465459.3526 | 6.31    | 3312087.853 | 465449.7412 | 277.75  | 840.65  |      |      |    |
| K13+660 | 3312078.028 | 465468.5729 | 7.045   | 3312083.059 | 465473.5045 | 6.818   | 3312073.159 | 465463.8002 | 269.18  | 1109.83 |      |      |    |
| K13+680 | 3312064.028 | 465482.8555 | 6.745   | 3312068.845 | 465487.5771 | 6.82    | 3312059.157 | 465478.0814 | 274.28  | 1384.11 |      |      |    |
| K13+700 | 3312050.028 | 465497.1381 | 6.82    | 3312054.898 | 465501.9122 | 6.82    | 3312045.157 | 465492.364  | 272.05  | 1656.16 |      |      |    |
| K13+720 | 3312036.027 | 465511.4207 | 6.82    | 3312040.898 | 465516.1948 | 6.82    | 3312031.157 | 465506.6466 | 272.80  | 1928.96 |      |      |    |
| K13+740 | 3312022.027 | 465525.7033 | 6.82    | 3312026.897 | 465530.4774 | 6.82    | 3312017.157 | 465520.9292 | 272.80  | 2201.76 |      |      |    |
| K13+760 | 3312007.994 | 465539.9534 | 6.82    | 3312012.799 | 465544.7933 | 6.82    | 3312003.189 | 465535.1135 | 272.80  | 2474.56 |      |      |    |
| K13+780 | 3311993.523 | 465553.7567 | 6.82    | 3311998.13  | 465558.7848 | 6.82    | 3311988.915 | 465548.7285 | 272.80  | 2747.36 |      |      |    |
| K13+800 | 3311978.661 | 465567.14   | 6.82    | 3311983.218 | 465572.2136 | 6.82    | 3311974.103 | 465562.0663 | 272.80  | 3020.16 |      |      |    |
| K13+820 | 3311963.782 | 465580.5051 | 6.82    | 3311968.339 | 465585.5787 | 6.286   | 3311959.581 | 465575.8287 | 267.46  | 3287.62 |      |      |    |
| K13+840 | 3311950.033 | 465594.9866 | 6.82    | 3311955.418 | 465599.1715 | 6.31    | 3311945.05  | 465591.1148 | 262.36  | 3549.98 |      |      |    |
| K13+860 | 3311938.529 | 465611.344  | 6.82    | 3311944.137 | 465615.2246 | 6.816   | 3311932.924 | 465607.4658 | 267.66  | 3817.64 |      |      |    |
| K13+880 | 3311927.149 | 465627.7908 | 6.82    | 3311932.757 | 465631.6714 | 6.287   | 3311921.979 | 465624.2136 | 267.43  | 4085.07 |      |      |    |
| K13+900 | 3311923.215 | 465646.6082 | 6.82    | 3311929.753 | 465644.6673 | 6.31    | 3311917.166 | 465648.4039 | 262.37  | 4347.44 |      |      |    |
| K13+920 | 3311929.265 | 465665.6709 | 6.82    | 3311935.765 | 465663.6064 | 6.82    | 3311922.765 | 465667.7354 | 267.70  | 4615.14 |      |      |    |
| K13+940 | 3311935.402 | 465684.7051 | 6.82    | 3311941.815 | 465682.3834 | 6.31    | 3311929.469 | 465686.8531 | 267.70  | 4882.84 |      |      |    |
| K13+960 | 3311943.878 | 465702.7899 | 6.82    | 3311949.765 | 465699.347  | 6.31    | 3311938.431 | 465705.9753 | 262.60  | 5145.44 |      |      |    |
| K13+980 | 3311955.484 | 465719.0441 | 6.82    | 3311960.652 | 465714.5935 | 6.31    | 3311950.703 | 465723.1619 | 262.60  | 5408.04 |      |      |    |
| K14+000 | 3311969.629 | 465733.166  | 6.82    | 3311974.295 | 465728.1924 | 6.771   | 3311964.996 | 465738.1039 | 267.21  | 5675.25 |      |      |    |
| 累计用地面积  |             |             |         |             |             |         |             |             | 5675.25 |         |      |      |    |

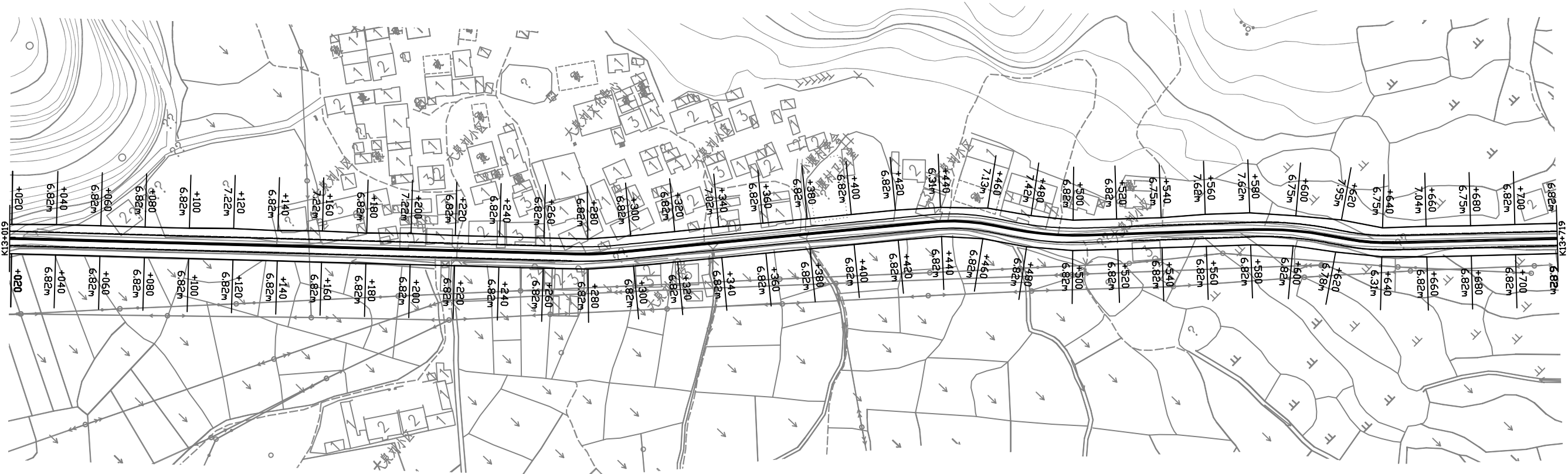
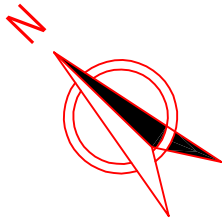
编制：周耀辉

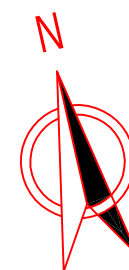
复核：方江恩

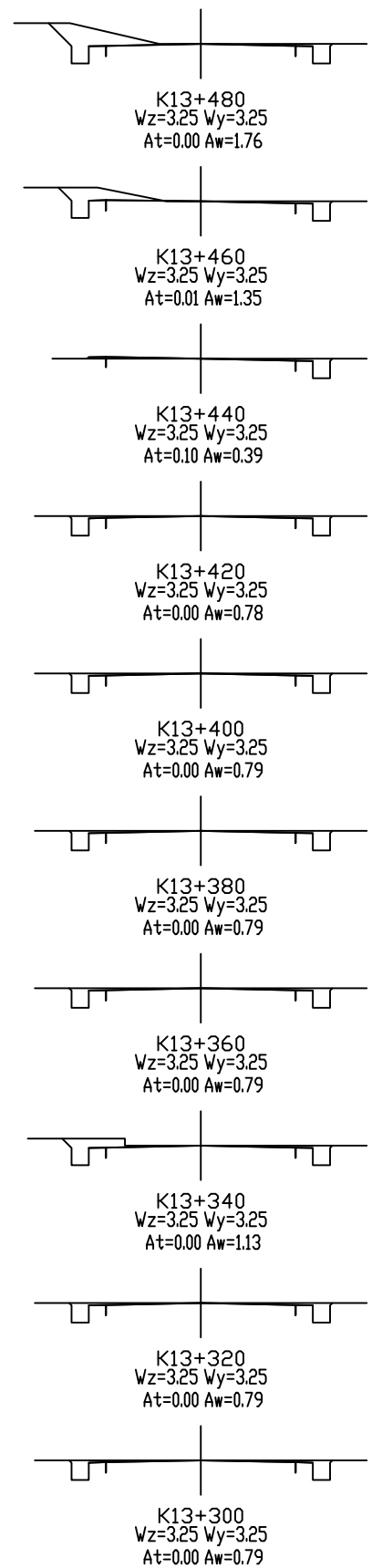
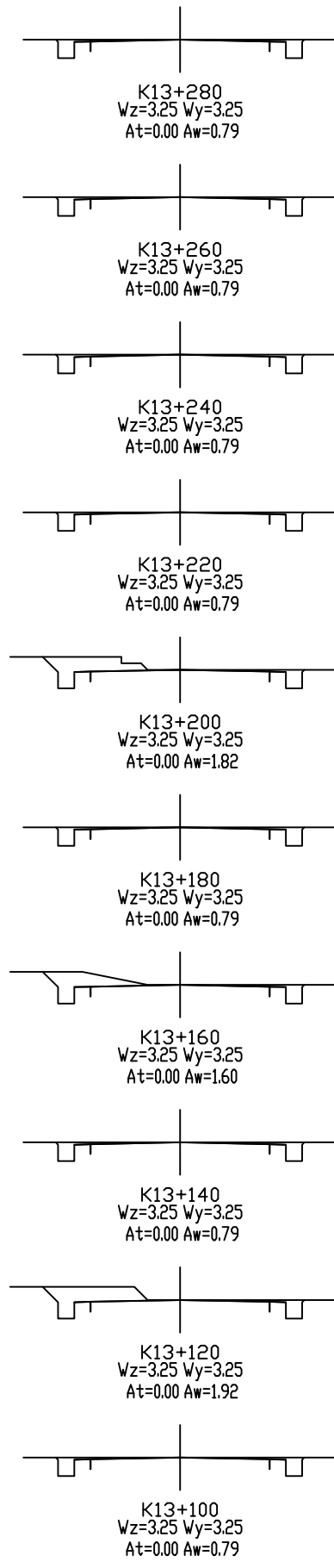
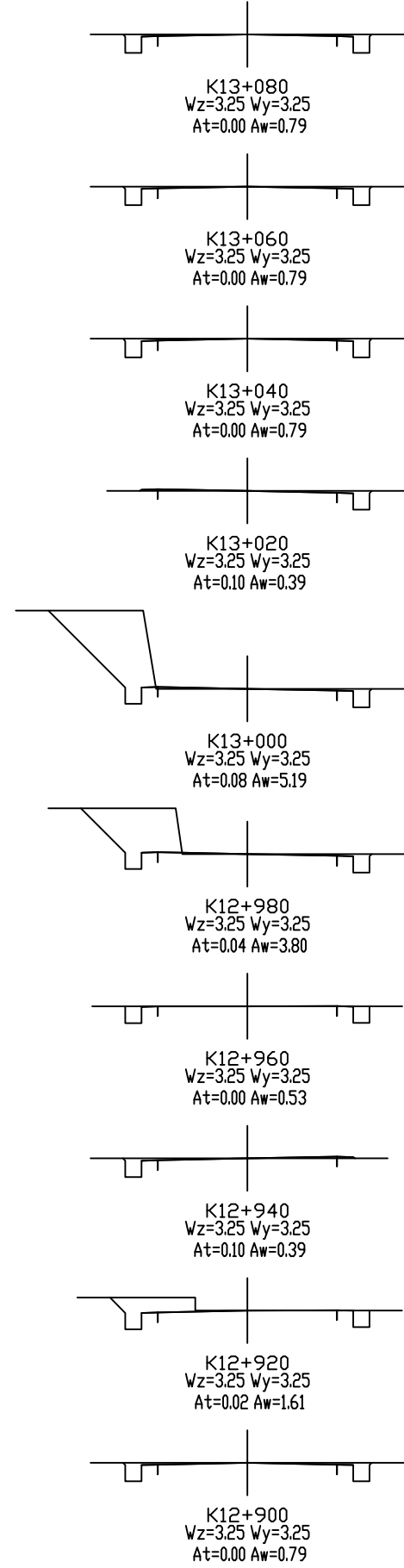
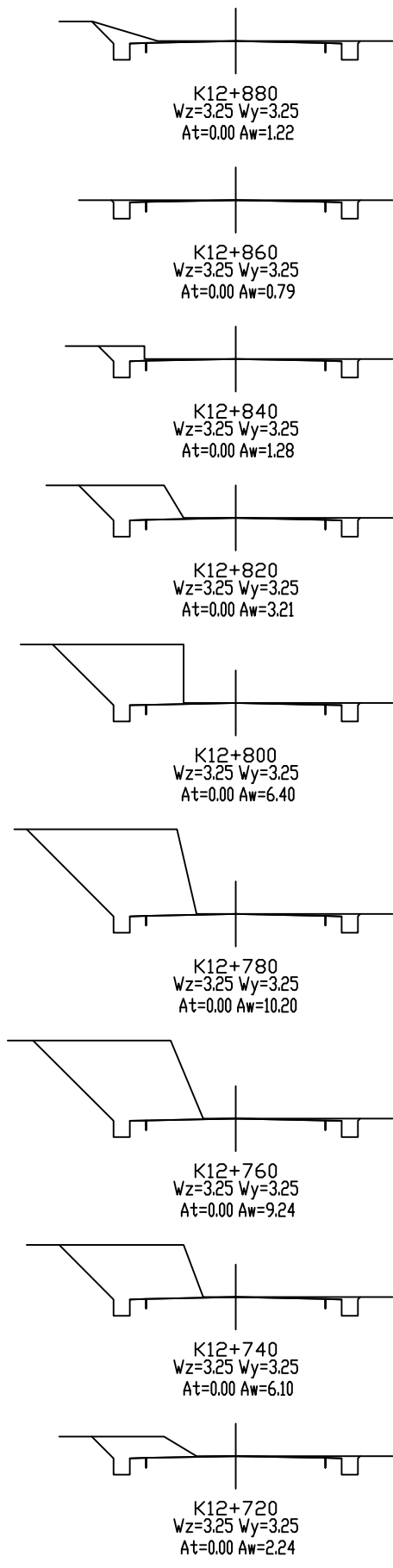
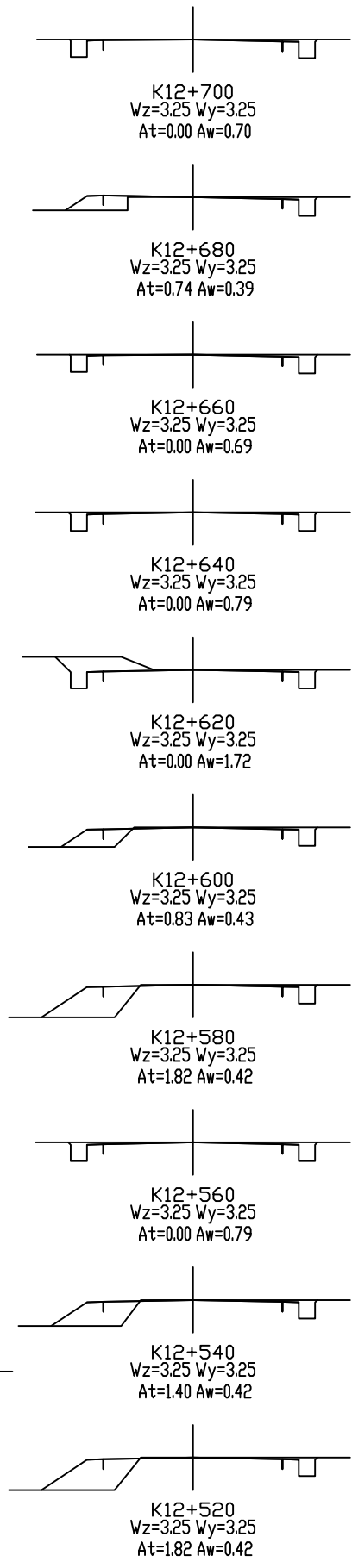
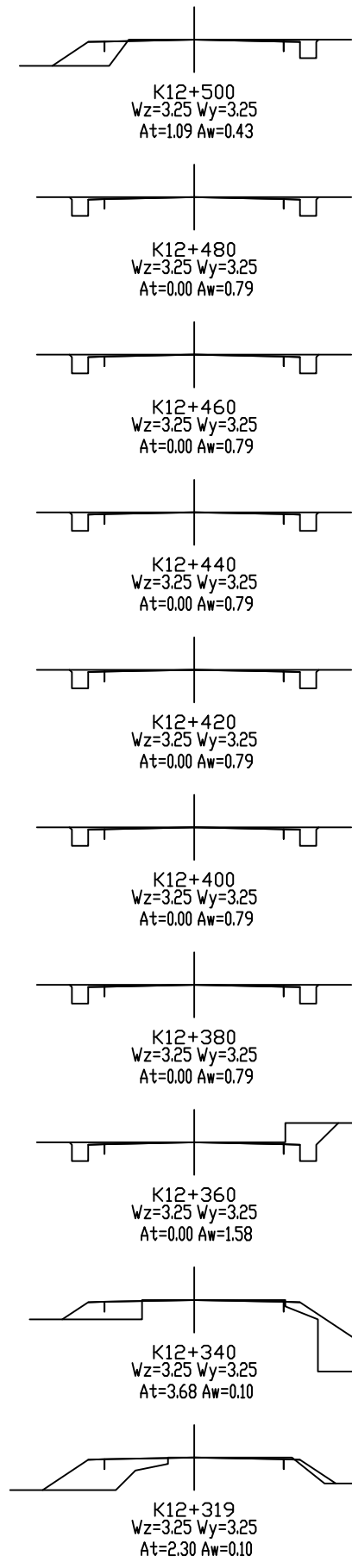
S2-7

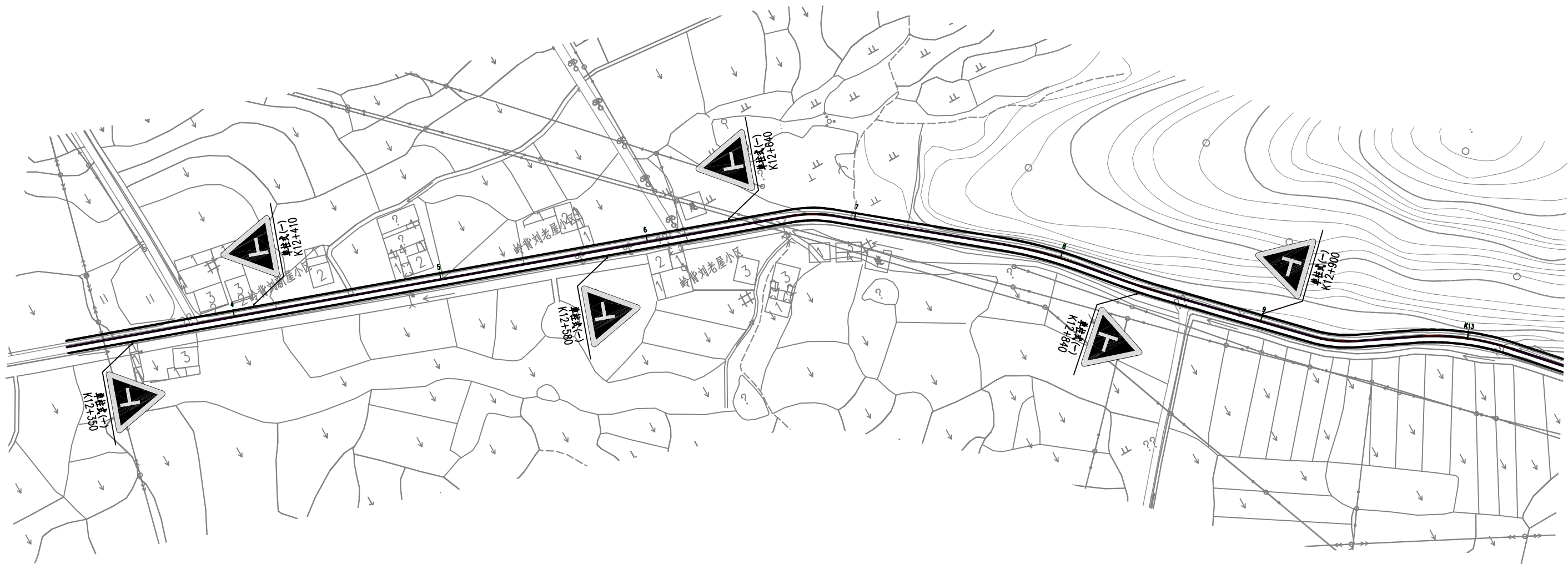


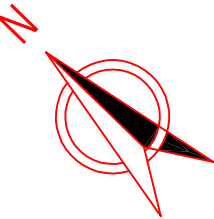












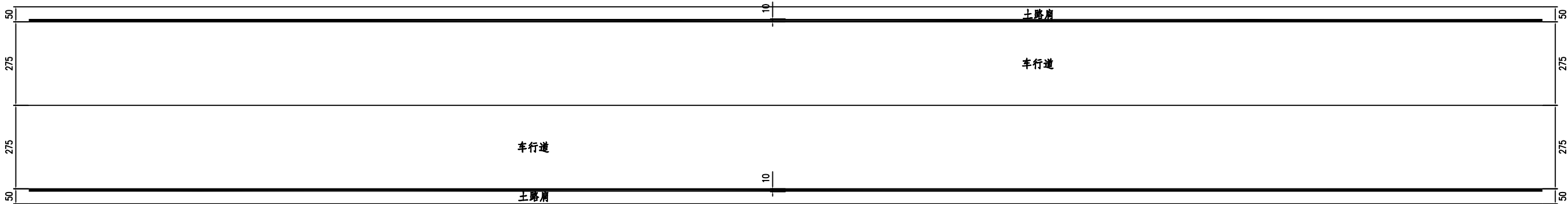


交通标志一览表

| 序号 | 位置(桩号)  |    |    | 标志名称<br>(类型) | 标志内容                                                                                  | 标志编号<br>(国标编号) | 版面尺寸<br>(厘米) | 反光要求 | 支撑形式   | 备注          |
|----|---------|----|----|--------------|---------------------------------------------------------------------------------------|----------------|--------------|------|--------|-------------|
|    | 桩号      | 左侧 | 右侧 |              |                                                                                       |                |              |      |        |             |
| 1  | K12+350 |    | 右侧 | 交叉路口(h)      |    | 警1             | A=70         | IV类  | 单柱式(一) | 黄底, 黑边, 黑图形 |
| 2  | K12+410 | 左侧 |    | 交叉路口(i)      |    | 警1             | A=70         | IV类  | 单柱式(一) | 黄底, 黑边, 黑图形 |
| 3  | K12+580 |    | 右侧 | 交叉路口(h)      |    | 警1             | A=70         | IV类  | 单柱式(一) | 黄底, 黑边, 黑图形 |
| 4  | K12+640 | 左侧 |    | 交叉路口(i)      |  | 警1             | A=70         | IV类  | 单柱式(一) | 黄底, 黑边, 黑图形 |
| 5  | K12+840 |    | 右侧 | 交叉路口(i)      |  | 警1             | A=70         | IV类  | 单柱式(一) | 黄底, 黑边, 黑图形 |
| 6  | K12+900 | 左侧 |    | 交叉路口(h)      |  | 警1             | A=70         | IV类  | 单柱式(一) | 黄底, 黑边, 黑图形 |
| 7  | K13+120 |    | 右侧 | 村庄           |  | 警20            | A=70         | IV类  | 单柱式(一) | 黄底, 黑边, 黑图形 |

交通标志一览表

| 序号 | 位置(桩号)  |    |    | 标志名称<br>(类型) | 标志内容                                                                                  | 标志编号<br>(国标编号) | 版面尺寸<br>(厘米) | 反光要求 | 支撑形式   | 备注        |
|----|---------|----|----|--------------|---------------------------------------------------------------------------------------|----------------|--------------|------|--------|-----------|
|    | 桩号      | 左侧 | 右侧 |              |                                                                                       |                |              |      |        |           |
| 8  | K13+560 | 左侧 |    | 村庄           |    | 警20            | A=70         | IV类  | 单柱式(一) | 黄底,黑边,黑图形 |
| 9  | K13+760 |    | 右侧 | 村庄           |    | 警20            | A=70         | IV类  | 单柱式(一) | 黄底,黑边,黑图形 |
| 10 | K13+800 |    | 右侧 | 交叉路口(i)      |    | 警1             | A=70         | IV类  | 单柱式(一) | 黄底,黑边,黑图形 |
| 11 | K13+850 | 左侧 |    | 交叉路口(h)      |  | 警1             | A=70         | IV类  | 单柱式(一) | 黄底,黑边,黑图形 |
|    |         |    |    |              |                                                                                       |                |              |      |        |           |
|    |         |    |    |              |                                                                                       |                |              |      |        |           |
|    |         |    |    |              |                                                                                       |                |              |      |        |           |



说明:  
1. 本图尺寸除注明者外, 其余均以cm为单位。  
2. 施工设置时应参照中华人民共和国国家标准《道路交通标志和标线》