

| Element | Type | Station | Elevation | Length | Entrance Grade | Exit Grade | K | Middle Ordinate | SSD/HSD |
|----------------------|-----------|------------|-----------|--------|----------------|------------|--------|-----------------|---------|
| Symmetrical Parabola | PVC | 580+60.00 | 221.33 | 70 | -5.23% | -4.35% | 78.94 | 0.08 | |
| | PVI | 580+95.00 | 219.50 | | | | | | |
| | POVC | 581+00.00 | 219.34 | | | | | | |
| | PVT | 581+30.00 | 217.98 | | | | | | |
| Linear | PVT | 581+30.00 | 217.98 | 70 | -4.35% | | | | |
| | POVT | 581+50.00 | 217.11 | | | | | | |
| Symmetrical Parabola | PVC | 582+00.00 | 214.93 | 150 | -4.35% | -6.66% | 64.95 | -0.43 | 542.28 |
| | POVC | 582+50.00 | 212.57 | | | | | | |
| | PVI | 582+75.00 | 211.67 | | | | | | |
| | POVC | 583+00.00 | 209.82 | | | | | | |
| Linear | PVT | 583+50.00 | 206.68 | 15 | -6.66% | | | | |
| | PVC | 583+65.00 | 205.68 | | | | | | |
| Symmetrical Parabola | PVC | 583+65.00 | 205.68 | 350 | -6.66% | -4.22% | 143.81 | 1.06 | |
| | POVC | 584+00.00 | 203.40 | | | | | | |
| | POVC | 584+50.00 | 200.28 | | | | | | |
| | POVC | 585+00.00 | 197.33 | | | | | | |
| | PVI | 585+40.00 | 194.03 | | | | | | |
| | POVC | 585+50.00 | 194.56 | | | | | | |
| | POVC | 586+00.00 | 191.96 | | | | | | |
| | POVC | 586+50.00 | 189.54 | | | | | | |
| | POVC | 587+00.00 | 187.29 | | | | | | |
| | PVT | 587+15.00 | 186.64 | | | | | | |
| Linear | PVT | 587+15.00 | 186.64 | 49.69 | -4.22% | | | | |
| | POVT | 587+50.00 | 185.17 | | | | | | |
| | PVC | 587+64.69 | 184.55 | | | | | | |
| | PVC | 587+64.69 | 184.55 | | | | | | |
| Symmetrical Parabola | | 587+92.19 | | 175 | -4.22% | -9.47% | 33.36 | -1.15 | 293.23 |
| | a | 0+00 | | | | | | | |
| | POVC | a 0+00 | 183.27 | | | | | | |
| | POVC | a 0+50 | 180.37 | | | | | | |
| | PVI | a 0+60 | 180.85 | | | | | | |
| | POVC | a 1+00.00 | 176.73 | | | | | | |
| | PVT | a 1+47.50 | 172.57 | | | | | | |
| Linear | PVT | a 1+47.50 | 172.57 | 67.5 | -9.47% | | | | |
| | POVT | a 1+50.00 | 172.33 | | | | | | |
| | POVT | a 2+00.00 | 167.60 | | | | | | |
| | PVC | a 2+15.00 | 166.18 | | | | | | |
| Symmetrical Parabola | PVC | a 2+15.00 | 166.18 | 190 | -9.47% | -1.89% | 25.06 | 1.8 | |
| | POVC | a 2+50.00 | 163.11 | | | | | | |
| | POVC | a 3+00.00 | 159.57 | | | | | | |
| | PVI | a 3+10.00 | 157.18 | | | | | | |
| Linear | POVC | a 3+50.00 | 157.03 | 50 | -1.89% | | | | |
| | POVC | a 4+00.00 | 155.49 | | | | | | |
| | PVT | a 4+05.00 | 155.39 | | | | | | |
| | POVT | a 4+50.00 | 154.54 | | | | | | |
| Symmetrical Parabola | PVC | a 4+55.00 | 154.45 | 280 | -1.89% | -0.21% | 166.66 | 0.59 | |
| | POVC | a 5+00.00 | 153.66 | | | | | | |
| | POVC | a 5+50.00 | 152.93 | | | | | | |
| | PVI | a 5+95.00 | 151.81 | | | | | | |
| | POVC | a 6+00.00 | 152.34 | | | | | | |
| | POVC | a 6+50.00 | 151.91 | | | | | | |
| | POVC | a 7+00.00 | 151.63 | | | | | | |
| Linear | PVT | a 7+35.00 | 151.52 | 52.5 | -0.21% | | | | |
| | POVT | a 7+50.00 | 151.49 | | | | | | |
| | PVC | a 7+87.50 | 151.41 | | | | | | |
| | PVC | a 7+87.50 | 151.41 | | | | | | |
| Symmetrical Parabola | PVC | a 8+00.00 | 151.39 | 125 | -0.21% | 1.33% | 81.32 | 0.24 | |
| | VLOW | a 8+04.26 | 151.39 | | | | | | |
| | PVI | a 8+50.00 | 151.28 | | | | | | |
| | POVC | a 8+50.00 | 151.52 | | | | | | |
| | POVC | a 9+00.00 | 151.96 | | | | | | |
| | PVT | a 9+12.50 | 152.11 | | | | | | |
| Linear | PVT | a 9+12.50 | 152.11 | 72.5 | 1.33% | | | | |
| | POVT | a 9+50.00 | 152.61 | | | | | | |
| | PVC | a 9+85.00 | 153.08 | | | | | | |
| Symmetrical Parabola | PVC | a 9+85.00 | 153.08 | 60 | 1.33% | 1.12% | 282.93 | -0.02 | 5118.72 |
| | POVC | a 10+00.00 | 153.27 | | | | | | |
| | PVI | a 10+15.00 | 153.48 | | | | | | |
| | PVT | a 10+45.00 | 153.81 | | | | | | |
| Linear | PVT | a 10+45.00 | 153.81 | 304.06 | 1.12% | | | | |
| | POVT | a 10+50.00 | 153.87 | | | | | | |
| | POVT | a 11+00.00 | 154.43 | | | | | | |
| | a | 11+34.06 | | | | | | | |
| | b | 0+00 | | | | | | | |
| | POVT | b 0+00 | 154.81 | | | | | | |
| | POVT | b 0+50 | 155.37 | | | | | | |
| | POVT | b 1+00.00 | 155.93 | | | | | | |
| | POVT | b 1+50.00 | 156.49 | | | | | | |
| | POVT | b 2+00.00 | 157.05 | | | | | | |
| PVC | b 2+15.00 | 157.21 | | | | | | | |

| Element | Type | Station | Elevation | Length | Entrance Grade | Exit Grade | K | Middle Ordinate | SSD/HSD |
|----------------------|-------|------------|-----------|--------|----------------|------------|-------|-----------------|---------|
| Symmetrical Parabola | PVC | b 2+15.00 | 157.21 | 490 | 1.12% | 9.12% | 61.23 | 4.9 | |
| | POVC | b 2+50.00 | 157.71 | | | | | | |
| | POVC | b 3+00.00 | 158.76 | | | | | | |
| | POVC | b 3+50.00 | 160.21 | | | | | | |
| | POVC | b 4+00.00 | 162.08 | | | | | | |
| | POVC | b 4+50.00 | 164.35 | | | | | | |
| | PVI | b 4+60.00 | 159.96 | | | | | | |
| | POVC | b 5+00.00 | 167.04 | | | | | | |
| | POVC | b 5+50.00 | 170.13 | | | | | | |
| | POVC | b 6+00.00 | 173.63 | | | | | | |
| | POVC | b 6+50.00 | 177.53 | | | | | | |
| | POVC | b 7+00.00 | 181.85 | | | | | | |
| | PVT | b 7+05.00 | 182.30 | | | | | | |
| | PVT | b 7+05.00 | 182.30 | | | | | | |
| Linear | POVT | b 7+50.00 | 186.41 | 165 | 9.12% | | | | |
| | POVT | b 8+00.00 | 190.97 | | | | | | |
| | POVT | b 8+50.00 | 195.53 | | | | | | |
| | PVC | b 8+70.00 | 197.35 | | | | | | |
| Symmetrical Parabola | PVC | b 8+70.00 | 197.35 | 210 | 9.12% | 0.43% | 24.16 | -2.28 | 229.15 |
| | POVC | b 9+00.00 | 199.90 | | | | | | |
| | POVC | b 9+50.00 | 203.33 | | | | | | |
| | PVI | b 9+75.00 | 206.93 | | | | | | |
| | POVC | b 10+00.00 | 205.71 | | | | | | |
| | POVC | b 10+50.00 | 207.07 | | | | | | |
| | PVT | b 10+80.00 | 207.38 | | | | | | |
| Linear | PVT | b 10+80.00 | 207.38 | 120 | 0.43% | | | | |
| | POVT | b 11+00.00 | 207.47 | | | | | | |
| | POVT | b 11+50.00 | 207.68 | | | | | | |
| | PVC | b 12+00.00 | 207.90 | | | | | | |
| Symmetrical Parabola | PVC | b 12+00.00 | 207.90 | 100 | 0.43% | 2.21% | 56.03 | 0.22 | |
| | PVI | b 12+50.00 | 208.11 | | | | | | |
| Linear | PVT | b 13+00.00 | 209.22 | 70 | 2.21% | | | | |
| | POVT | b 13+50.00 | 210.32 | | | | | | |
| | PVC | b 13+70.00 | 210.77 | | | | | | |
| Symmetrical Parabola | PVC | b 13+70.00 | 210.77 | 150 | 2.22% | 6.98% | 31.47 | 0.89 | |
| | POVC | b 14+00.00 | 211.57 | | | | | | |
| | PVI | b 14+45.00 | 212.43 | | | | | | |
| | POVC | b 14+50.00 | 213.55 | | | | | | |
| | POVC | b 15+00.00 | 216.33 | | | | | | |
| | PVT | b 15+20.00 | 217.66 | | | | | | |
| Linear | PVT | b 15+20.00 | 217.66 | 95 | 6.98% | | | | |
| | POVT | b 15+50.00 | 219.76 | | | | | | |
| | POVT | b 16+00.00 | 223.25 | | | | | | |
| | PVC | b 16+15.00 | 224.29 | | | | | | |
| Symmetrical Parabola | PVC | b 16+15.00 | 224.29 | 200 | 6.98% | -2.44% | 21.23 | -2.36 | 214.55 |
| | POVC | b 16+50.00 | 226.45 | | | | | | |
| | POVC | b 17+00.00 | 228.53 | | | | | | |
| | PVI | b 17+15.00 | 231.28 | | | | | | |
| | POVC | b 17+50.00 | 229.43 | | | | | | |
| | VHIGH | b 17+63.20 | 229.47 | | | | | | |
| | POVC | b 18+00.00 | 229.15 | | | | | | |
| | PVT | b 18+15.00 | 228.84 | | | | | | |
| | PVT | b 18+15.00 | 228.84 | | | | | | |
| | POVT | b 18+50.00 | 227.98 | | | | | | |
| Linear | POVT | b 19+00.00 | 226.76 | 330 | -2.44% | | | | |
| | POVT | b 19+50.00 | 225.54 | | | | | | |
| | POVT | b 20+00.00 | 224.32 | | | | | | |
| | POVT | b 20+50.00 | 223.10 | | | | | | |
| | POVT | b 21+00.00 | 221.88 | | | | | | |
| | PVC | b 21+45.00 | 220.78 | | | | | | |
| | PVC | b 21+45.00 | 220.78 | | | | | | |
| | POVC | b 21+50.00 | 220.66 | | | | | | |
| | POVC | b 22+00.00 | 219.61 | | | | | | |
| | PVI | b 22+20.00 | 218.96 | | | | | | |
| Symmetrical Parabola | POVC | b 22+50.00 | 218.83 | 150 | -2.44% | -0.80% | 91.26 | 0.31 | |
| | PVT | b 22+95.00 | 218.36 | | | | | | |
| | PVT | b 22+95.00 | 218.36 | | | | | | |
| | POVT | b 23+00.00 | 218.32 | | | | | | |
| Linear | PVC | b 23+20.00 | 218.16 | 25 | -0.80% | | | | |
| | PVC | b 23+20.00 | 218.16 | | | | | | |
| | PVC | b 23+20.00 | 218.16 | | | | | | |
| Symmetrical Parabola | PVI | b 23+45.00 | 217.96 | 50 | -0.80% | -1.90% | 45.3 | -0.07 | 1002.67 |
| | POVC | b 23+50.00 | 217.82 | | | | | | |
| | PVT | b 23+70.00 | 217.48 | | | | | | |
| | PVT | b 23+70.00 | 217.48 | | | | | | |
| Linear | POVT | b 24+00.00 | 216.91 | 125 | -1.90% | | | | |
| | POVT | b 24+50.00 | 215.96 | | | | | | |
| | PVC | b 24+95.00 | 215.11 | | | | | | |

PVC - POINT OF VERTICAL CURVATURE
PVT - POINT OF VERTICAL TANGENCY
PVI - POINT OF VERTICAL INTERSECTION
POVT - POINT ON VERTICAL TANGENT
POVT - POINT ON VERTICAL CURVE

| Element | Type | Station | Elevation | Length | Entrance Grade | Exit Grade | K | Middle Ordinate | SSD/HSD |
|----------------------|------|------------|-----------|--------|----------------|------------|--------|-----------------|---------|
| Symmetrical Parabola | PVC | b 24+95.00 | 215.11 | 100 | -1.90% | -0.71% | 84.05 | 0.15 | |
| | POVC | b 25+00.00 | 215.02 | | | | | | |
| | PVI | b 25+45.00 | 214.16 | | | | | | |
| | POVC | b 25+50.00 | 214.24 | | | | | | |
| | PVT | b 25+95.00 | 213.80 | | | | | | |
| Linear | PVT | b 25+95.00 | 213.80 | 45.3 | -0.71% | | | | |
| | POVT | b 26+00.00 | 213.77 | | | | | | |
| Symmetrical Parabola | PVC | b 26+40.30 | 213.48 | 75 | -0.71% | -1.58% | 86.69 | -0.08 | 1284.79 |
| | POVC | b 26+50.00 | 213.41 | | | | | | |
| | PVI | b 26+77.80 | 213.22 | | | | | | |
| | POVC | b 27+00.00 | 212.85 | | | | | | |
| Linear | PVT | b 27+15.30 | 212.63 | 99.7 | -1.58% | | | | |
| | PVT | b 27+15.30 | 212.63 | | | | | | |
| | POVT | b 27+50.00 | 212.08 | | | | | | |
| | POVT | b 28+00.00 | 211.29 | | | | | | |
| Symmetrical Parabola | PVC | b 28+15.00 | 211.06 | 330 | -1.58% | 1.57% | 105.03 | 1.3 | |
| | POVC | b 28+50.00 | 210.56 | | | | | | |
| | POVC | b 29+00.00 | 210.06 | | | | | | |
| | POVC | b 29+50.00 | 209.80 | | | | | | |
| | PVI | b 29+80.00 | 208.46 | | | | | | |
| | VLOW | b 29+80.46 | 209.75 | | | | | | |
| | POVC | b 30+00.00 | 209.77 | | | | | | |
| | POVC | b 30+50.00 | 209.98 | | | | | | |
| | POVC | b 31+00.00 | 210.43 | | | | | | |
| | PVT | b 31+45.00 | 211.04 | | | | | | |
| Linear | PVT | b 31+45.00 | 211.04 | 215 | 1.57% | | | | |
| | POVT | b 31+50.00 | 211.12 | | | | | | |
| | POVT | b 32+00.00 | 211.90 | | | | | | |
| | POVT | b 32+50.00 | 212.69 | | | | | | |
| | POVT | b 33+00.00 | 213.47 | | | | | | |
| Symmetrical Parabola | POVT | b 33+50.00 | 214.25 | 60 | 1.57% | 2.19% | 95.71 | 0.05 | |
| | PVC | b 33+60.00 | 214.41 | | | | | | |
| | PVC | b 33+60.00 | 214.41 | | | | | | |
| | PVI | b 33+90.00 | 214.88 | | | | | | |
| Linear | POVC | b 34+00.00 | 215.12 | 50 | 2.19% | | | | |
| | PVT | b 34+20.00 | 215.54 | | | | | | |
| | PVT | b 34+20.00 | 215.54 | | | | | | |
| Symmetrical Parabola | POVT | b 34+50.00 | 216.20 | 60 | 2.19% | 1.83% | 165.66 | -0.03 | 3009.47 |
| | PVC | b 34+70.00 | 216.63 | | | | | | |
| | PVC | b 34+70.00 | 216.63 | | | | | | |
| | PVI | b 35+00.00 | 217.29 | | | | | | |
| Linear | POVC | b 35+00.00 | 217.27 | 185 | 1.83% | | | | |
| | PVT | b 35+30.00 | 217.84 | | | | | | |
| | PVT | b 35+30.00 | 217.84 | | | | | | |
| | POVT | b 35+50.00 | 218.21 | | | | | | |
| | POVT | b 36+00.00 | 219.12 | | | | | | |
| | POVT | b 36+50.00 | 220.04 | | | | | | |
| | POVT | b 37+00.00 | 220.95 | | | | | | |
| Symmetrical Parabola | PVC | b 37+15.00 | 221.23 | 60 | 1.83% | 2.32% | 123.97 | 0.04 | |
| | PVC | b 37+15.00 | 221.23 | | | | | | |
| | PVI | b 37+45.00 | 221.78 | | | | | | |
| | POVC | b 37+50.00 | 221.92 | | | | | | |
| | | | | | | | | | |