

| Element | Type | Station | Elevation | Length | Entrance Grade | Exit Grade | K | Middle Ordinate | SSD/HSD |
|----------------------|-------|-------------|-----------|--------|----------------|------------|--------|-----------------|---------|
| Symmetrical Parabola | PVC | A 98+25.00 | 413.81 | 50 | 0.34% | 0.20% | 350.02 | -0.01 | 7579.58 |
| | PVI | A 98+50.00 | 413.9 | | | | | | |
| | POVC | A 98+50.00 | 413.89 | | | | | | |
| | PVT | A 98+75.00 | 413.95 | | | | | | |
| Linear | PVT | A 98+75.00 | 413.95 | 200 | 0.20% | | | | |
| | POVT | A 99+00.00 | 414 | | | | | | |
| | POVT | A 99+50.00 | 414.1 | | | | | | |
| | POVT | A 100+00.00 | 414.2 | | | | | | |
| Symmetrical Parabola | PVC | A 100+75.00 | 414.35 | 50 | 0.20% | 0.24% | 1250 | 0 | |
| | PVI | A 101+00.00 | 414.4 | | | | | | |
| | POVC | A 101+00.00 | 414.4 | | | | | | |
| | PVT | A 101+25.00 | 414.46 | | | | | | |
| Linear | PVT | A 101+25.00 | 414.46 | 200 | 0.24% | | | | |
| | POVT | A 101+50.00 | 414.52 | | | | | | |
| | POVT | A 102+00.00 | 414.64 | | | | | | |
| | POVT | A 102+50.00 | 414.76 | | | | | | |
| Symmetrical Parabola | PVC | A 103+25.00 | 414.94 | 50 | 0.24% | 0.08% | 312.5 | -0.01 | 6769.69 |
| | PVI | A 103+50.00 | 415 | | | | | | |
| | POVC | A 103+50.00 | 414.99 | | | | | | |
| | PVT | A 103+75.00 | 415.02 | | | | | | |
| Linear | PVT | A 103+75.00 | 415.02 | 75 | 0.08% | | | | |
| | POVT | A 104+00.00 | 415.04 | | | | | | |
| | PVC | A 104+50.00 | 415.08 | | | | | | |
| | PVC | A 104+50.00 | 415.08 | | | | | | |
| Symmetrical Parabola | PVI | A 104+75.00 | 415.1 | 50 | 0.08% | 0.35% | 185.19 | 0.02 | |
| | PVT | A 105+00.00 | 415.19 | | | | | | |
| | PVT | A 105+00.00 | 415.19 | | | | | | |
| | POVT | A 105+50.00 | 415.36 | | | | | | |
| Linear | POVT | A 106+00.00 | 415.54 | 150 | 0.35% | | | | |
| | PVC | A 106+50.00 | 415.71 | | | | | | |
| | PVC | A 106+50.00 | 415.71 | | | | | | |
| | PVI | A 106+75.00 | 415.8 | | | | | | |
| Symmetrical Parabola | PVRC | A 107+00.00 | 415.83 | 100 | 0.13% | 0.44% | 326.09 | 0.04 | |
| | PVRC | A 107+00.00 | 415.83 | | | | | | |
| | PVI | A 107+50.00 | 415.94 | | | | | | |
| | PVT | A 108+00.00 | 416.12 | | | | | | |
| Linear | PVT | A 108+00.00 | 416.12 | 50 | 0.44% | | | | |
| | PVC | A 108+50.00 | 416.34 | | | | | | |
| | PVC | A 108+50.00 | 416.34 | | | | | | |
| | PVI | A 108+75.00 | 416.45 | | | | | | |
| Symmetrical Parabola | PVRC | A 109+00.00 | 416.5 | 50 | 0.20% | 0.37% | 299.24 | 0.01 | |
| | PVRC | A 109+00.00 | 416.5 | | | | | | |
| | PVI | A 109+25.00 | 416.55 | | | | | | |
| | PVT | A 109+50.00 | 416.64 | | | | | | |
| Linear | PVT | A 109+50.00 | 416.64 | 135 | 0.37% | | | | |
| | POVT | A 110+00.00 | 416.83 | | | | | | |
| | POVT | A 110+50.00 | 417.01 | | | | | | |
| | PVC | A 110+85.00 | 417.14 | | | | | | |
| Symmetrical Parabola | PVC | A 110+85.00 | 417.14 | 470 | 0.37% | 6.89% | 72.1 | 3.83 | |
| | POVC | A 111+00.00 | 417.21 | | | | | | |
| | POVC | A 111+50.00 | 417.67 | | | | | | |
| | POVC | A 112+00.00 | 418.48 | | | | | | |
| | POVC | A 112+50.00 | 419.63 | | | | | | |
| | POVC | A 113+00.00 | 421.13 | | | | | | |
| | PVI | A 113+20.00 | 418 | | | | | | |
| | POVC | A 113+50.00 | 422.98 | | | | | | |
| | POVC | A 114+00.00 | 425.18 | | | | | | |
| | POVC | A 114+50.00 | 427.72 | | | | | | |
| | POVC | A 115+00.00 | 430.6 | | | | | | |
| | PVT | A 115+55.00 | 434.18 | | | | | | |
| Linear | PVT | A 115+55.00 | 434.18 | 70 | 6.89% | | | | |
| | POVT | A 116+00.00 | 437.28 | | | | | | |
| | PVC | A 116+25.00 | 439 | | | | | | |
| | PVC | A 116+25.00 | 439 | | | | | | |
| Symmetrical Parabola | POVC | A 116+50.00 | 440.66 | 180 | 6.89% | 3.10% | 47.54 | -0.85 | 375.03 |
| | POVC | A 117+00.00 | 443.58 | | | | | | |
| | PVI | A 117+15.00 | 445.2 | | | | | | |
| | POVC | A 117+50.00 | 445.97 | | | | | | |
| Linear | POVC | A 118+00.00 | 447.83 | 95 | 3.10% | | | | |
| | PVT | A 118+05.00 | 447.99 | | | | | | |
| | PVT | A 118+05.00 | 447.99 | | | | | | |
| | POVT | A 118+50.00 | 449.39 | | | | | | |
| Symmetrical Parabola | PVC | A 119+00.00 | 450.94 | 130 | 3.10% | -0.32% | 38.04 | -0.56 | 380.81 |
| | POVC | A 119+50.00 | 452.16 | | | | | | |
| | PVI | A 119+65.00 | 452.95 | | | | | | |
| | POVC | A 120+00.00 | 452.72 | | | | | | |
| Linear | VHIGH | A 120+17.94 | 452.76 | 40 | -0.32% | | | | |
| | PVT | A 120+30.00 | 452.74 | | | | | | |
| | PVT | A 120+30.00 | 452.74 | | | | | | |
| | POVT | A 120+50.00 | 452.68 | | | | | | |
| | PVC | A 120+70.00 | 452.62 | | | | | | |

| Element | Type | Station | Elevation | Length | Entrance Grade | Exit Grade | K | Middle Ordinate | SSD/HSD |
|----------------------|-------------|-------------|-----------|--------|----------------|------------|--------|-----------------|---------|
| Symmetrical Parabola | PVC | A 120+70.00 | 452.62 | 200 | -0.32% | -3.48% | 63.28 | -0.79 | 441.43 |
| | POVC | A 121+00.00 | 452.45 | | | | | | |
| | POVC | A 121+50.00 | 451.86 | | | | | | |
| | PVI | A 121+70.00 | 452.3 | | | | | | |
| Linear | POVC | A 122+00.00 | 450.87 | 140 | -3.48% | | | | |
| | POVC | A 122+50.00 | 449.49 | | | | | | |
| | PVT | A 122+70.00 | 448.82 | | | | | | |
| | PVT | A 122+70.00 | 448.82 | | | | | | |
| Symmetrical Parabola | POVT | A 123+00.00 | 447.78 | 420 | -3.48% | -0.22% | 128.87 | 1.71 | |
| | POVT | A 123+50.00 | 446.04 | | | | | | |
| | PVC | A 124+00.00 | 444.3 | | | | | | |
| | PVC | A 124+10.00 | 443.95 | | | | | | |
| Linear | PVC | A 124+10.00 | 443.95 | 210 | -0.22% | | | | |
| | POVC | A 124+50.00 | 442.62 | | | | | | |
| | POVC | A 125+00.00 | 441.14 | | | | | | |
| | POVC | A 125+50.00 | 439.84 | | | | | | |
| Symmetrical Parabola | POVC | A 126+00.00 | 438.75 | 120 | -0.22% | -0.50% | 426.67 | -0.04 | 3896.98 |
| | PVI | A 126+20.00 | 436.65 | | | | | | |
| | POVC | A 126+50.00 | 437.84 | | | | | | |
| | POVC | A 127+00.00 | 437.13 | | | | | | |
| Linear | POVC | A 127+50.00 | 436.61 | 50 | -0.50% | | | | |
| | PVT | A 128+00.00 | 436.29 | | | | | | |
| | PVT | A 128+30.00 | 436.19 | | | | | | |
| | PVT | A 128+30.00 | 436.19 | | | | | | |
| Symmetrical Parabola | POVT | A 128+50.00 | 436.15 | 120 | -0.22% | -0.50% | 426.67 | -0.04 | 3896.98 |
| | POVT | A 129+00.00 | 436.04 | | | | | | |
| | POVT | A 129+50.00 | 435.93 | | | | | | |
| | PVC | A 130+40.00 | 435.73 | | | | | | |
| Linear | PVC | A 130+40.00 | 435.73 | 52.14 | -0.81% | | | | |
| | POVC | A 130+50.00 | 435.71 | | | | | | |
| | PVI | A 131+00.00 | 435.6 | | | | | | |
| | POVC | A 131+00.00 | 435.56 | | | | | | |
| Symmetrical Parabola | POVC | A 131+50.00 | 435.35 | 50 | -0.50% | | | | |
| | PVT | A 131+60.00 | 435.3 | | | | | | |
| | PVT | A 131+60.00 | 435.3 | | | | | | |
| | POVT | A 132+00.00 | 435.1 | | | | | | |
| Linear | PVI | A 132+10.00 | 435.05 | 243.16 | -0.66% | | | | |
| | POVT | A 132+50.00 | 434.73 | | | | | | |
| | PVI | A 132+62.14 | 434.63 | | | | | | |
| | PVI | A 132+62.14 | 434.63 | | | | | | |
| Symmetrical Parabola | POVT | A 133+00.00 | 434.38 | 54.7 | -0.98% | | | | |
| | POVT | A 133+50.00 | 434.05 | | | | | | |
| | POVT | A 134+00.00 | 433.73 | | | | | | |
| | POVT | A 134+50.00 | 433.4 | | | | | | |
| Linear | POVT | A 135+00.00 | 433.07 | 45 | -1.50% | | | | |
| | PVI | A 135+05.30 | 433.04 | | | | | | |
| | PVI | A 135+05.30 | 433.04 | | | | | | |
| | POVT | A 135+50.00 | 432.6 | | | | | | |
| Symmetrical Parabola | PVI | A 135+60.00 | 432.5 | 50 | -1.50% | -2.12% | 80.72 | -0.04 | 1767.24 |
| | POVT | A 136+00.00 | 431.9 | | | | | | |
| | PVC | A 136+05.00 | 431.83 | | | | | | |
| | PVC | A 136+05.00 | 431.83 | | | | | | |
| Symmetrical Parabola | PVC | A 136+05.00 | 431.83 | 370 | -2.12% | | | | |
| | PVI | A 136+30.00 | 431.45 | | | | | | |
| | POVC | A 136+50.00 | 431.02 | | | | | | |
| | PVT | A 136+55.00 | 430.92 | | | | | | |
| | PVT | A 136+55.00 | 430.92 | | | | | | |
| | POVT | A 137+00.00 | 429.97 | | | | | | |
| | POVT | A 137+50.00 | 428.91 | | | | | | |
| | POVT | A 138+00.00 | 427.85 | | | | | | |
| | POVT | A 138+50.00 | 426.79 | | | | | | |
| | POVT | A 139+00.00 | 425.73 | | | | | | |
| | POVT | A 139+50.00 | 424.67 | | | | | | |
| | PVC | A 140+00.00 | 423.61 | | | | | | |
| Symmetrical Parabola | PVC | A 140+25.00 | 423.08 | 550 | -2.12% | 4.97% | 77.57 | 4.87 | |
| | POVC | A 140+50.00 | 422.59 | | | | | | |
| | POVC | A 141+00.00 | 421.85 | | | | | | |
| | POVC | A 141+50.00 | 421.44 | | | | | | |
| | VLOW | A 141+89.41 | 421.34 | | | | | | |
| | POVC | A 142+00.00 | 421.34 | | | | | | |
| | POVC | A 142+50.00 | 421.57 | | | | | | |
| | PVI | A 143+00.00 | 417.25 | | | | | | |
| | POVC | A 143+00.00 | 422.12 | | | | | | |
| | POVC | A 143+50.00 | 423 | | | | | | |
| | POVC | A 144+00.00 | 424.19 | | | | | | |
| | POVC | A 144+50.00 | 425.71 | | | | | | |
| POVC | A 145+00.00 | 427.55 | | | | | | | |
| POVC | A 145+50.00 | 429.72 | | | | | | | |
| PVT | A 145+75.00 | 430.92 | | | | | | | |

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 |
|----------------------|--------|-------------|-------------|--------|----------------|------------|--------|-----------------|---------|
| Linear | PVT | A 145+75.00 | 430.92 | 60 | 4.97% | | | | |
| | POVT | A 146+00.00 | 432.16 | | | | | | |
| | PVC | A 146+35.00 | 433.9 | | | | | | |
| | PVC | A 146+35.00 | 433.9 | | | | | | |
| Symmetrical Parabola | POVC | A 146+50.00 | 434.63 | 350 | 4.97% | -0.14% | 68.54 | -2.23 | 386.33 |
| | POVC | A 147+00.00 | 436.82 | | | | | | |
| | POVC | A 147+50.00 | 438.65 | | | | | | |
| | POVC | A 148+00.00 | 440.12 | | | | | | |
| | PVI | A 148+10.00 | 442.6 | | | | | | |
| | POVC | A 148+50.00 | 441.22 | | | | | | |
| | POVC | A 149+00.00 | 441.95 | | | | | | |
| | POVC | A 149+50.00 | 442.32 | | | | | | |
| | VHIGH | A 149+75.68 | 442.37 | | | | | | |
| | PVT | A 149+85.00 | 442.36 | | | | | | |
| | PVT | A 149+85.00 | 442.36 | | | | | | |
| | Linear | POVT | A 150+00.00 | | | | | | |
| POVT | | A 150+50.00 | 442.27 | | | | | | |
| POVT | | A 151+00.00 | 442.21 | | | | | | |
| POVT | | A 151+50.00 | 442.14 | | | | | | |
| Symmetrical Parabola | POVT | A 152+00.00 | 442.07 | 50 | -0.14% | 0.03% | 303.96 | 0.01 | |
| | POVT | A 152+50.00 | 442 | | | | | | |
| | PVC | A 153+00.00 | 441.93 | | | | | | |
| | PVC | A 153+00.00 | 441.93 | | | | | | |
| Linear | PVI | A 153+25.00 | 441.9 | 125 | 0.03% | | | | |
| | VLOW | A 153+41.32 | 441.91 | | | | | | |
| | PVT | A 153+50.00 | 441.91 | | | | | | |
| | PVT | A 153+50.00 | 441.91 | | | | | | |
| Symmetrical Parabola | POVT | A 154+00.00 | 441.92 | 50 | 0.03% | -0.23% | 194.44 | -0.02 | 4221.7 |
| | POVT | A 154+50.00 | 441.94 | | | | | | |
| | PVC | A 154+75.00 | 441.94 | | | | | | |
| | VHIGH | A 154+80.56 | 441.94 | | | | | | |
| Linear | PVI | A 155+00.00 | 441.95 | 125 | -0.23% | | | | |
| | POVC | A 155+00.00 | 441.93 | | | | | | |
| | PVT | A 155+25.00 | 441.89 | | | | | | |
| | PVT | A 155+25.00 | 441.89 | | | | | | |
| Symmetrical Parabola | POVT | A 155+50.00 | 441.84 | 50 | -0.23% | 0.02% | 201.15 | 0.02 | |
| | POVT | A 156+00.00 | 441.72 | | | | | | |
| | PVC | A 156+50.00 | 441.61 | | | | | | |
| | PVC | A 156+50.00 | 441.61 | | | | | | |
| Linear | PVI | A 156+75.00 | 441.55 | 200 | 0.02% | | | | |
| | VLOW | A 156+95.98 | 441.55 | | | | | | |
| | PVT | A 157+00.00 | 441.56 | | | | | | |