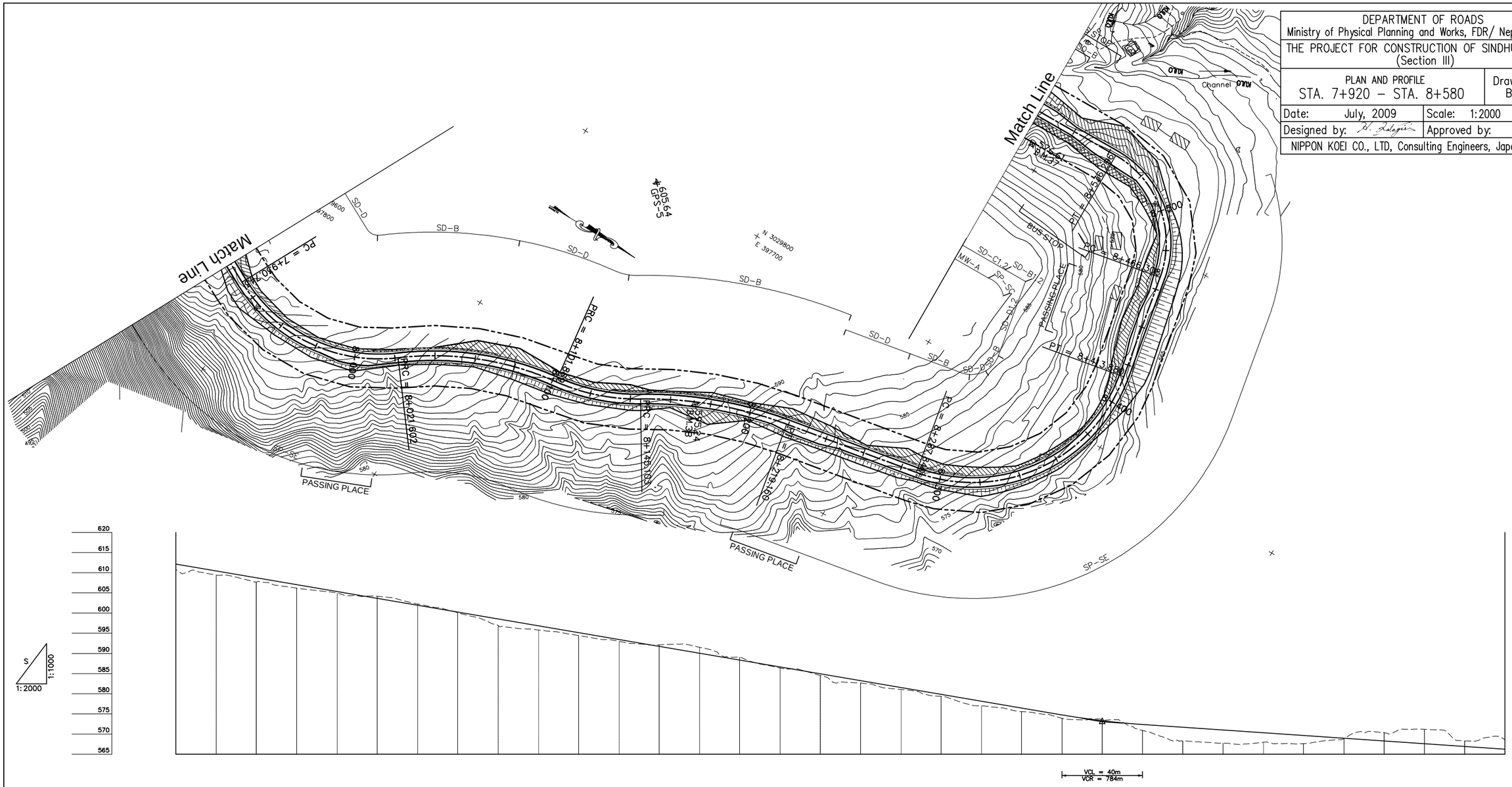
| DEPARTMENT OF ROADS<br>Ministry of Physical Planning and Works, FDR/ Nepal | |
|---|---|
| THE PROJECT FOR CONSTRUCTION OF SINDHULI ROAD<br>(Section III) | |
| PLAN AND PROFILE<br>STA. 7+920 – STA. 8+580 | Drawing No.<br>B-22 |
| Date: July, 2009 | Scale: 1:2000 |
| Designed by: | Approved by: |
| NIPPON KOEI CO., LTD, Consulting Engineers, Japan | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GRADE | | −8.500%<br>L=540.000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | −3.400%<br>L=280.000 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 573.050<br>8+380.000 |
| PROPOSED HEIGHT | 612.150 | 610.450 | 608.750 | 607.050 | 605.350 | 603.650 | 601.950 | 600.250 | 598.550 | 596.850 | 595.150 | 593.450 | 591.750 | 590.050 | 588.350 | 586.650 | 584.950 | 583.250 | 581.550 | 579.850 | 578.150 | 576.450 | 574.750 | 573.305 | 572.370 | 571.690 | 571.010 | 570.330 | 569.650 | 568.970 | 568.290 | 567.610 | 566.930 | 566.250 |
| GROUND HEIGHT | 610.801 | 609.439 | 607.689 | 606.191 | 605.013 | 604.179 | 602.257 | 600.094 | 596.907 | 595.817 | 594.409 | 593.010 | 592.124 | 591.528 | 589.044 | 586.376 | 584.528 | 582.639 | 581.080 | 579.317 | 576.991 | 575.551 | 573.914 | 573.423 | 570.863 | 568.315 | 567.704 | 567.953 | 567.618 | 568.854 | 570.362 | 571.156 | 568.313 | 568.619 |
| STATION | 7+920 | 7+940 | 7+960 | 7+980 | 8+000 | 8+020 | 8+040 | 8+060 | 8+080 | 8+100 | 8+120 | 8+140 | 8+160 | 8+180 | 8+200 | 8+220 | 8+240 | 8+260 | 8+280 | 8+300 | 8+320 | 8+340 | 8+360 | 8+380 | 8+400 | 8+420 | 8+440 | 8+460 | 8+480 | 8+500 | 8+520 | 8+540 | 8+560 | 8+580 |
| CURVE ELEMENT | L=100.810<br>+930.743 | | | R=80<br>L=90.860 | | +021.602 | | R=150<br>L=80.266 | | +101.869 | R=100<br>L=43.234 | +145.103 | | R=200<br>L=74.057 | | +219.160 | | L=68.680 | +287.840 | | | R=80<br>L=126.040 | | | +413.880 | | L=52.428 | +466.308 | | R=50<br>L=69.988 | | +536.296 | | L=56.234 |
| SUPER ELEVATION | —— Left<br>- - - Right | 2.5% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.5% |
| WIDENING | | | | | 1.25m | | | | | | | | | | | 1.25m | | | | | | | | | | | 1.25m | | | 1.0m | | 1.75m | | | 1.75m |
| DESIGN SPEED | () Running speed | 30 Km/h(40 Km/h) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |