DEPARTMENT OF ROADS
Ministry of Physical Planning and Works, FDR/ Nepal

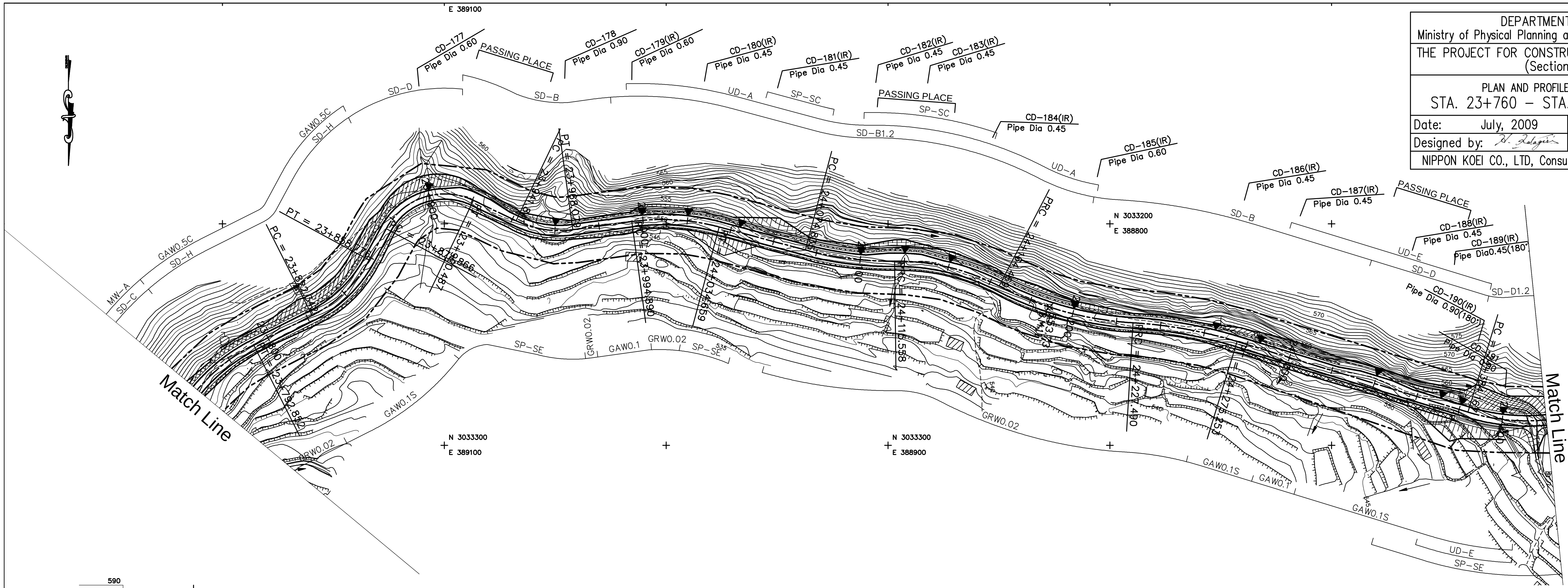
THE PROJECT FOR CONSTRUCTION OF SINDHULI ROAD (Section III)

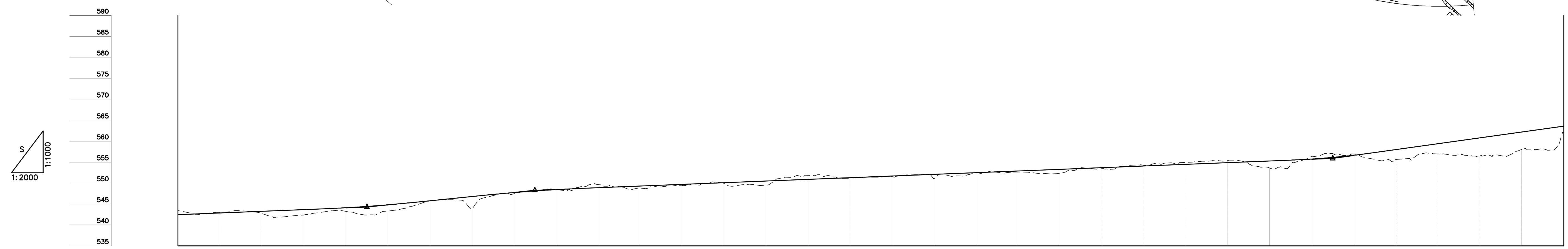
PLAN AND PROFILE
STA. 23+760 – STA. 24+420

Drawing No. B-50

Date: July, 2009	Scale: 1:2000
Designed by: (signature)	Approved by:

NIPPON KOEI CO., LTD, Consulting Engineers, Japan





GRADE

- 2.000% L=460.000
- VIP 544.260, 23+850.000 (VCL = 40m, VCR = 1333m)
- 5.000% L=80.000
- VIP 548.260, 23+930.000 (VCL = 40m, VCR = 1333m)
- 2.000% L=380.000
- VIP 555.860, 24+310.000 (VCL = 40m, VCR = 800m)
- 7.000% L=180.000

STATION	PROPOSED HEIGHT	GROUND HEIGHT
23+760	542.460	543.407
23+780	542.860	542.989
23+800	543.260	542.725
23+820	543.660	542.370
23+840	544.098	543.221
23+860	544.798	543.321
23+880	545.760	545.781
23+900	546.760	544.000
23+920	547.723	547.430
23+940	548.423	548.436
23+960	548.860	549.629
23+980	549.260	548.747
24+000	549.660	549.382
24+020	550.060	549.902
24+040	550.460	549.508
24+060	550.860	551.832
24+080	551.260	551.156
24+100	551.660	551.560
24+120	552.060	551.000
24+140	552.460	552.541
24+160	552.860	552.622
24+180	553.260	552.320
24+200	553.660	553.548
24+220	554.060	554.220
24+240	554.460	554.929
24+260	554.860	555.338
24+280	555.260	553.553
24+300	555.723	556.271
24+320	556.623	556.914
24+340	557.960	555.616
24+360	559.360	556.925
24+380	560.760	556.354
24+400	562.160	558.027
24+420	563.560	562.083

CURVE ELEMENT

R=80 L=56.653 | +792.852 | L=29.490 | +822.342 | R=60 L=36.434 | +858.776 | L=16.091 | +874.866 | R=30 L=45.621 | +920.487 | L=21.353 | +941.841 | R=45 L=26.239 | +968.079 | L=26.811 | +994.890 | R=100 L=39.769 | +034.659 | L=40.175 | +074.835 | R=150 L=40.723 | +115.558 | R=100 L=48.911 | +164.469 | R=150 L=63.022 | +227.490 | R=200 L=47.763 | +275.253 | L=108.914 | +384.167 | R=90 L=36.338

SUPER ELEVATION (—— Left, – – – Right)

2.5% | 2.5% | 0.0% | 6.0% | 6.0% | 0.0% | 2.5% | 2.5%

WIDENING

1.25m | 1.25m | 1.25m

DESIGN SPEED (() Running speed)

30 Km/h | 30 Km/h(40 Km/h)