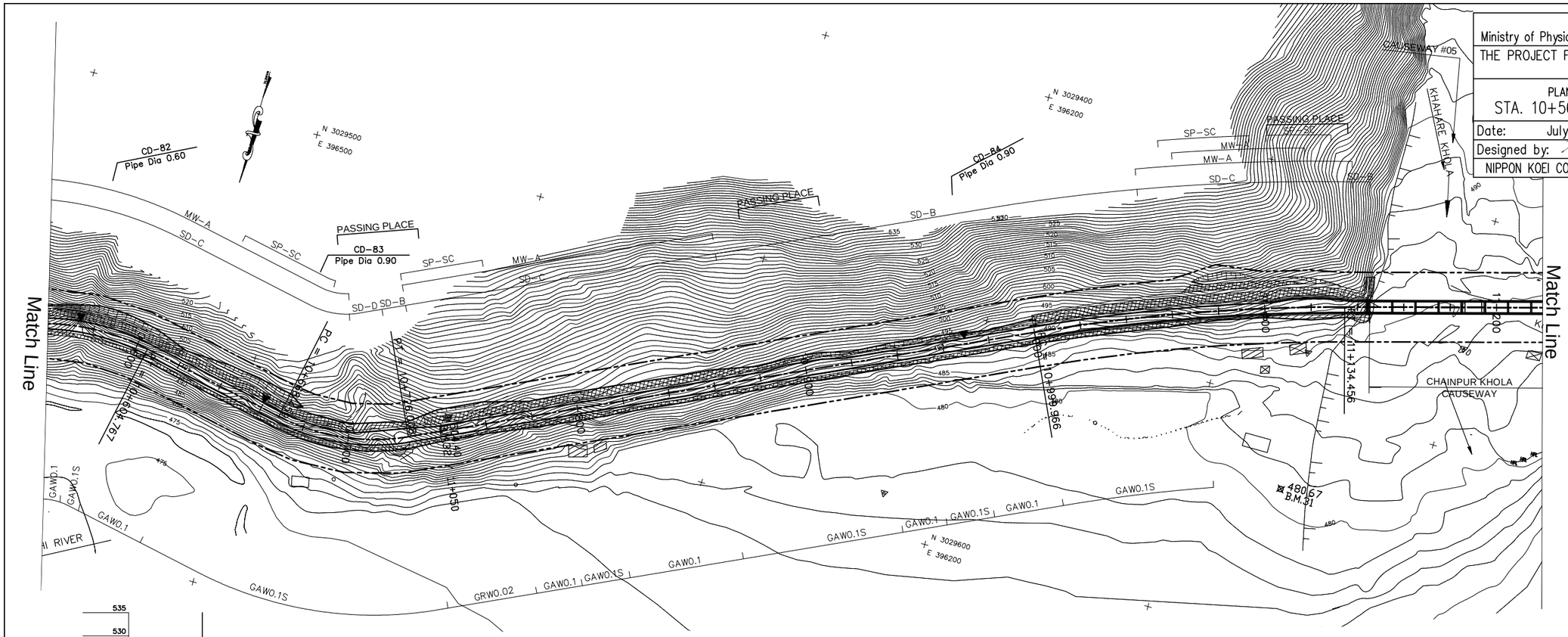
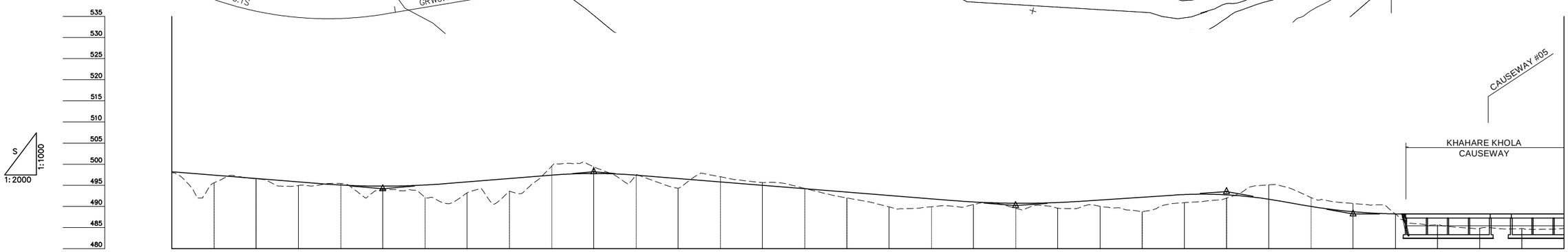
DEPARTMENT OF ROADS Ministry of Physical Planning and Works, FDR/ Nepal	
THE PROJECT FOR CONSTRUCTION OF SINDHULI ROAD (Section III)	
PLAN AND PROFILE STA. 10+560 – STA. 11+220	Drawing No. B-27
Date: July, 2009	Scale: 1:2000
Designed by:	Approved by:
NIPPON KOEI CO., LTD, Consulting Engineers, Japan	





VCL = 40m VCR = 541m | VCL = 60m VCR = 750m | VCL = 40m VCR = 500m | VCL = 60m VCR = 822m | VCL = 50m VCR = 412m | VCL = 50m VCR = 566m

GRADE

499.000 (10+540.000) | −4.000% L=120.000 | 494.200 (10+660.000) | 4.000% L=100.000 | 498.200 (10+760.000) | −4.000% L=200.000 | 490.200 (10+960.000) | 3.300% L=100.000 | 493.500 (11+060.000) | −8.833% L=60.000 | 488.200 (11+120.000) | 0.000% L=135.000

STATION	PROPOSED HEIGHT	GROUND HEIGHT
10+560	498.200	498.437
10+580	497.400	495.589
10+600	496.600	496.534
10+620	495.800	494.964
10+640	495.067	495.426
10+660	494.800	493.944
10+680	495.067	492.188
10+700	495.800	493.192
10+720	496.600	493.564
10+740	497.400	499.469
10+760	497.800	499.372
10+780	497.400	497.382
10+800	496.600	494.314
10+820	495.800	497.016
10+840	495.000	495.638
10+860	494.200	494.264
10+880	493.400	492.018
10+900	492.600	489.900
10+920	491.800	489.916
10+940	491.061	490.428
10+960	490.748	489.560
10+980	490.921	489.583
11+000	491.520	490.040
11+020	492.180	488.779
11+040	492.810	490.892
11+060	492.742	491.979
11+080	491.703	495.099
11+100	489.989	492.113
11+120	488.752	490.686
11+140	488.222	488.231
11+160	488.200	485.670
11+180	488.200	484.810
11+200	488.200	484.754
11+220	488.200	484.782

CURVE ELEMENT

R=100 L=77.466 | L=63.692 | R=90 L=57.550 | L=273.958 | R=800 L=134.490 | L=113.528

+604.767 | +668.459 | +726.008 | +999.966 | +134.456

SUPER ELEVATION

—— Left
- - - Right

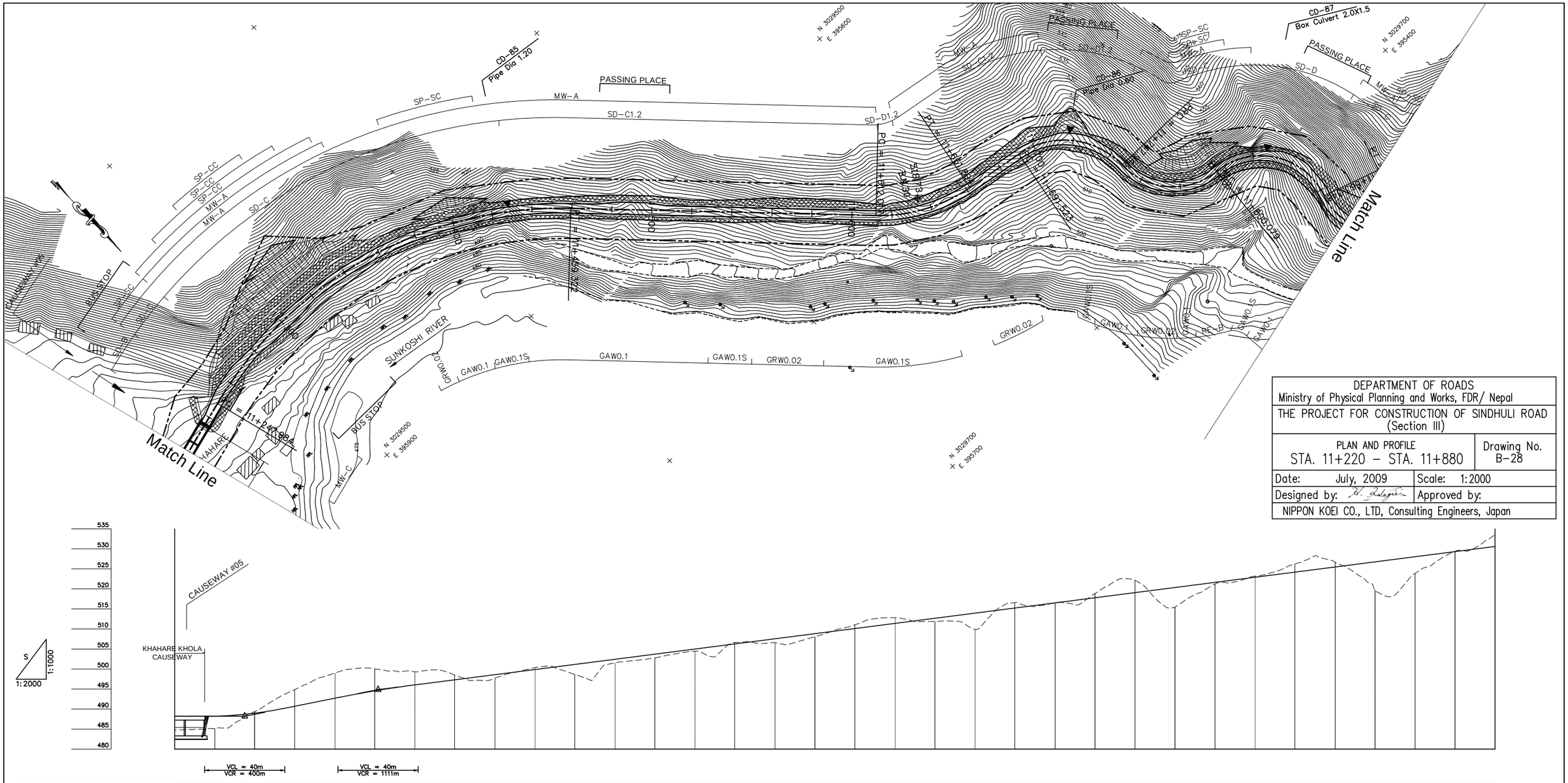
2.5% | 2.5% 2.0%

WIDENING

1.25m | 1.25m | 1.25m

DESIGN SPEED

() Running speed — 30 Km/h(40 Km/h)



DEPARTMENT OF ROADS Ministry of Physical Planning and Works, FDR/ Nepal	
THE PROJECT FOR CONSTRUCTION OF SINDHULI ROAD (Section III)	
PLAN AND PROFILE STA. 11+220 – STA. 11+880	Drawing No. B-28
Date: July, 2009	Scale: 1:2000
Designed by:	Approved by:
NIPPON KOEI CO., LTD, Consulting Engineers, Japan	

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