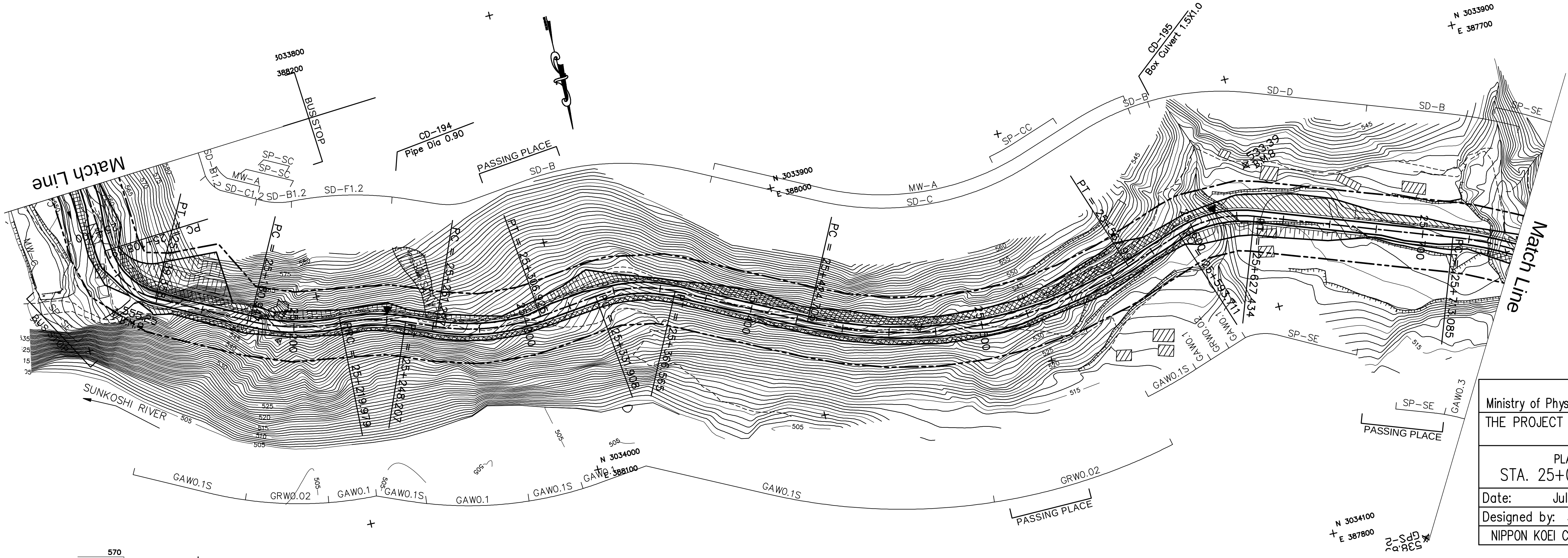


DEPARTMENT OF ROADS

Ministry of Physical Planning and Works, FDR/ Nepal

THE PROJECT FOR CONSTRUCTION OF SINDHULI ROAD (Section III)

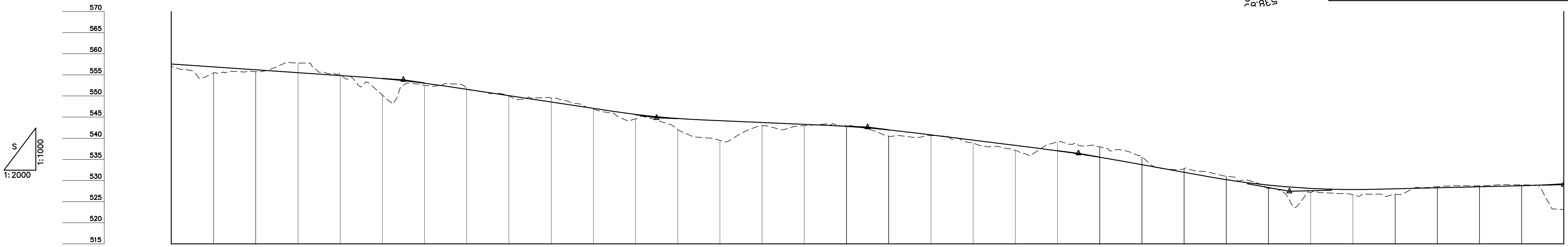
PLAN AND PROFILE
STA. 25+080 – STA. 25+740

Drawing No. B-52

Date: July, 2009 | Scale: 1:2000

Designed by: [signature] | Approved by:

NIPPON KOEI CO., LTD, Consulting Engineers, Japan



VCL = 40m, VCR = 976m; VCL = 40m, VCR = 755m; VCL = 40m, VCR = 1000m; VCL = 40m, VCR = 1429m; VCL = 80m, VCR = 784m; VCL = 40m, VCR = 833m

GRADE: -3.400% L=190.000; 553.840 (25+190.000); -7.500% L=120.000; 544.840 (25+310.000); -2.200% L=100.000; 542.640 (25+410.000); -6.200% L=100.000; 536.440 (25+510.000); -9.000% L=100.000; 527.440 (25+610.000); 1.200% L=130.000; 529.000

STATION	PROPOSED HEIGHT	GROUND HEIGHT
25+080	557.580	556.927
25+100	556.900	555.455
25+120	556.220	555.753
25+140	555.540	557.821
25+160	554.860	555.115
25+180	554.129	550.234
25+200	553.039	552.529
25+220	551.590	551.944
25+240	550.090	549.999
25+260	548.590	549.512
25+280	547.090	546.894
25+300	545.656	544.601
25+320	544.686	542.075
25+340	544.180	539.506
25+360	543.740	542.978
25+380	543.300	542.983
25+400	542.810	543.003
25+420	541.970	540.503
25+440	540.780	540.670
25+460	539.540	538.856
25+480	538.300	537.136
25+500	537.025	539.037
25+520	535.505	538.008
25+540	533.740	535.608
25+560	531.940	532.787
25+580	530.204	531.009
25+600	528.914	528.123
25+620	528.134	527.170
25+640	527.864	526.617
25+660	528.040	526.742
25+680	528.280	528.533
25+700	528.520	528.744
25+720	528.760	528.974
25+740	529.240	523.080

CURVE ELEMENT: L=58.380; +108.391; R=30 L=30.967; +139.358; L=41.589; +180.947; R=90 L=39.032; +219.979; R=80 L=28.227; +248.207; L=13.021; +261.227; R=90 L=45.698; +306.925; L=24.983; +331.908; R=60 L=34.657; +366.565; L=58.140; +424.705; R=180 L=143.286; +567.991; L=25.720; +593.711; R=50 L=33.723; +627.434; L=85.651; +713.085; R=150 L=48.670

SUPER ELEVATION: —— Left; – – – Right; 2.5%; 2.5%; 6.0%; 6.0%; 2.5%; 2.5%

WIDENING: 0.5m; 1.75m; 1.25m; 1.25m; 1.25m

DESIGN SPEED: () Running speed; 30 Km/h(40 Km/h); 30 Km/h