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

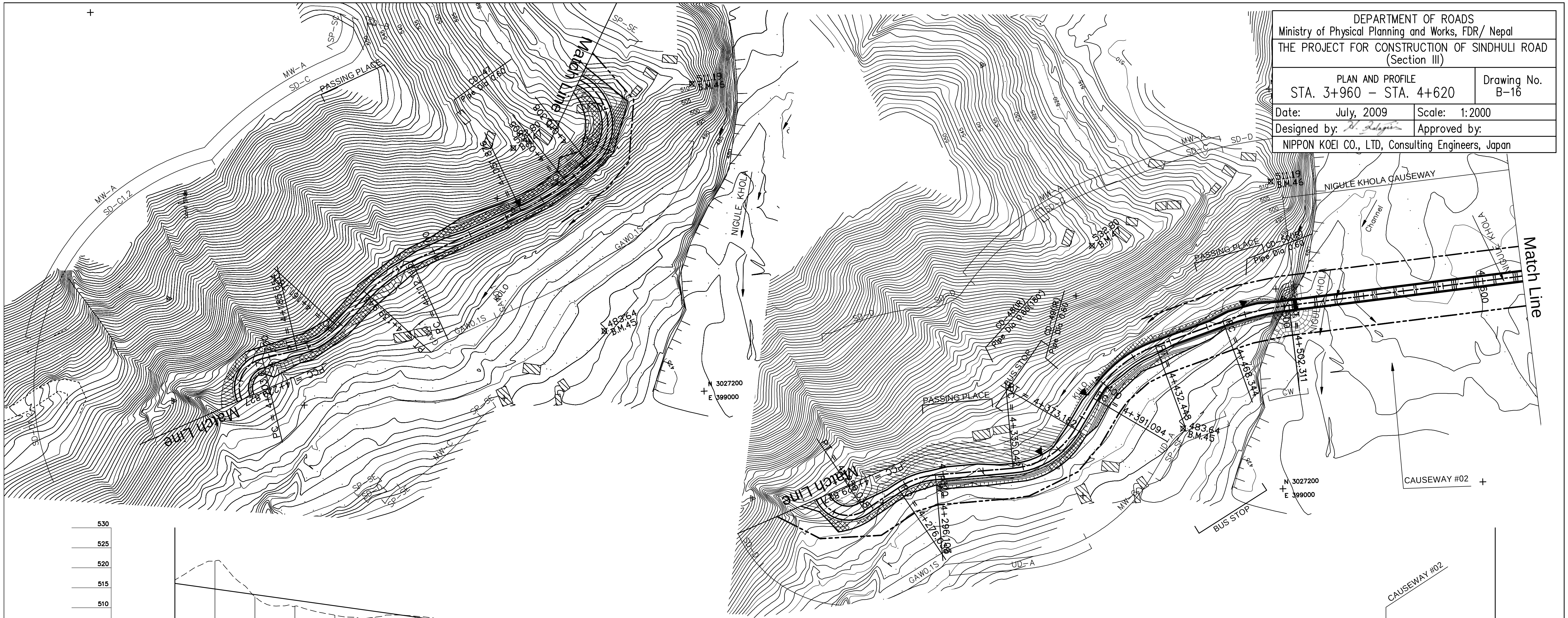
THE PROJECT FOR CONSTRUCTION OF SINDHULI ROAD (Section III)

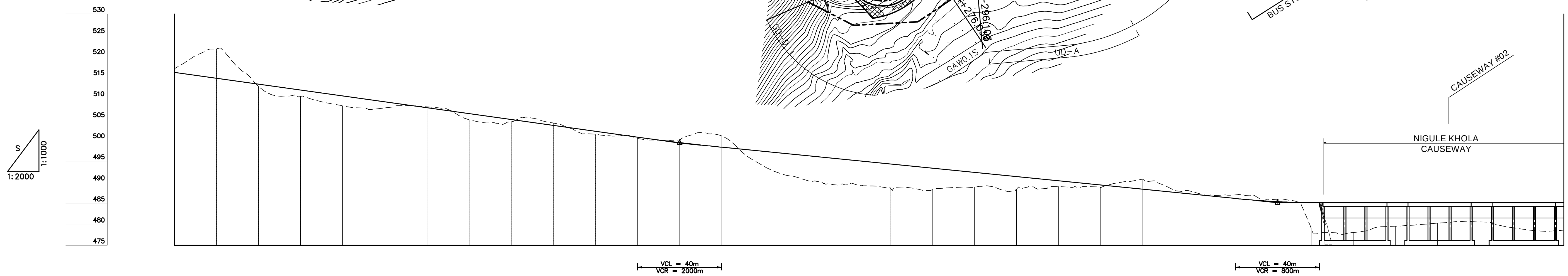
PLAN AND PROFILE
STA. 3+960 – STA. 4+620

Drawing No. B–16

Date: July, 2009 | Scale: 1:2000
Designed by: [signature] | Approved by:

NIPPON KOEI CO., LTD, Consulting Engineers, Japan





GRADE: –7.000% L=300.000; 499.300 4+200.000; –5.000% L=284.000; 485.100 4+484.000; 0.000% L=256.000

STATION	PROPOSED HEIGHT	GROUND HEIGHT
3+960	516.100	516.912
3+980	514.700	521.691
4+000	513.300	512.774
4+020	511.900	510.388
4+040	510.500	508.109
4+060	509.100	507.628
4+080	507.700	507.903
4+100	506.300	504.822
4+120	504.900	504.361
4+140	503.500	504.050
4+160	502.100	501.409
4+180	500.700	500.411
4+200	499.400	499.940
4+220	498.300	500.978
4+240	497.300	493.779
4+260	496.300	490.481
4+280	495.300	489.358
4+300	494.300	488.666
4+320	493.300	488.194
4+340	492.300	488.771
4+360	491.300	488.324
4+380	490.300	488.918
4+400	489.300	488.753
4+420	488.300	490.678
4+440	487.300	487.974
4+460	486.300	486.903
4+480	485.460	485.805
4+500	485.110	479.010
4+520	485.100	478.019
4+540	485.100	479.494
4+560	485.100	480.229
4+580	485.100	480.520
4+600	485.100	478.839
4+620	485.100	478.594

CURVE ELEMENT: R=25 L=55.183; +010.308; L=14.496; +024.805; R=110 L=27.072; +051.876; L=60.238; +112.115; R=70 L=27.828; +139.943; L=21.844; +161.787; R=40 L=23.867; +185.654; L=17.963; +203.617; R=15 L=26.211; +229.827; R=15 L=26.211; +256.038; L=20.000; +276.038; R=40 L=20.065; +296.103; L=38.940; +335.042; R=40 L=38.140; +373.182; L=17.912; +391.094; R=60 L=41.354; +432.448; L=35.896; +468.344; R=150 L=33.967; +502.311; L=196.232

SUPER ELEVATION (—— Left, – – – Right): 6.0%, 6.0%, 2.5%, 2.5%, 4.0%, 2.5%, 0.0%, 6.0%, 6.0%, 2.5%, 0.0%, 4.0%, 0.0%, 2.5%, 2.5%, 0.0%, 4.0%, 4.0%, 0.0%, 2.5%, 2.5%, 2.0%

WIDENING: 0.5m; 1.25m; 2.25m; 1.25m; 1.75m; 1.75m; 1.25m

DESIGN SPEED: 30 Km/h; 20 Km/h; 30 Km/h