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

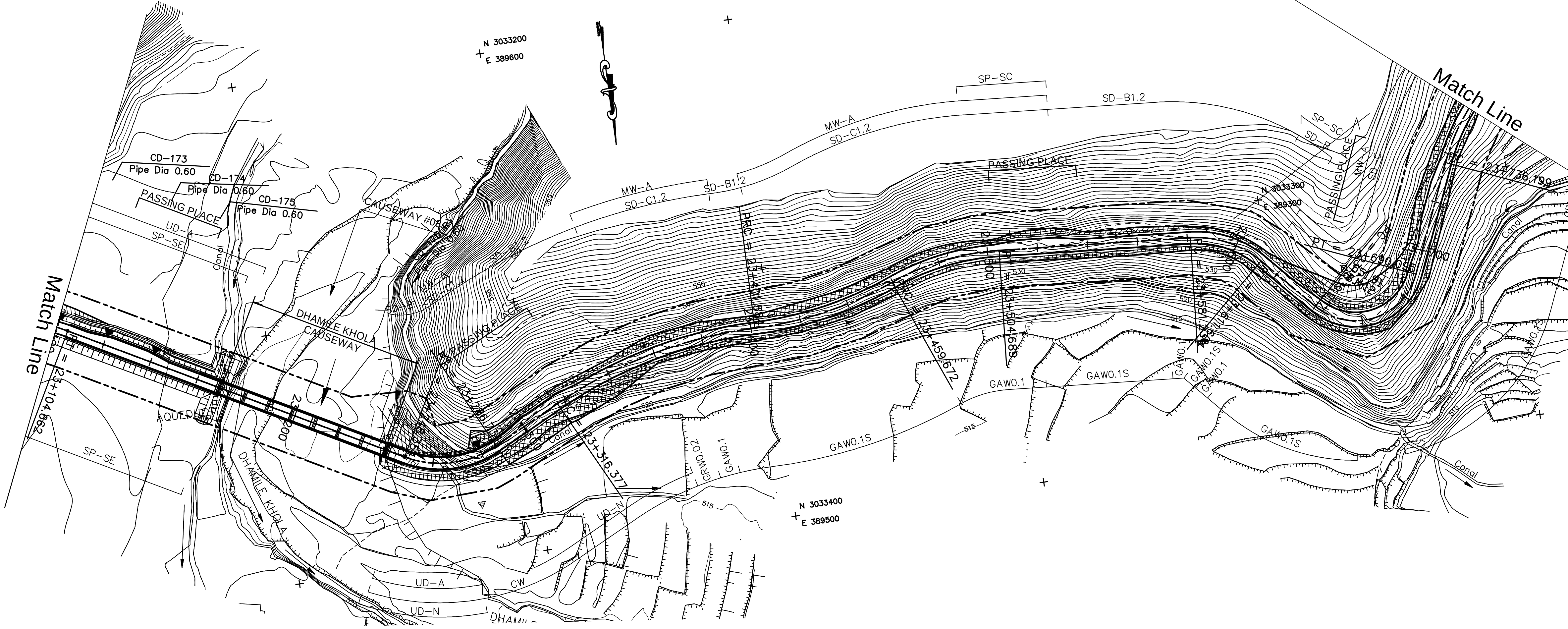
THE PROJECT FOR CONSTRUCTION OF SINDHULI ROAD (Section III)

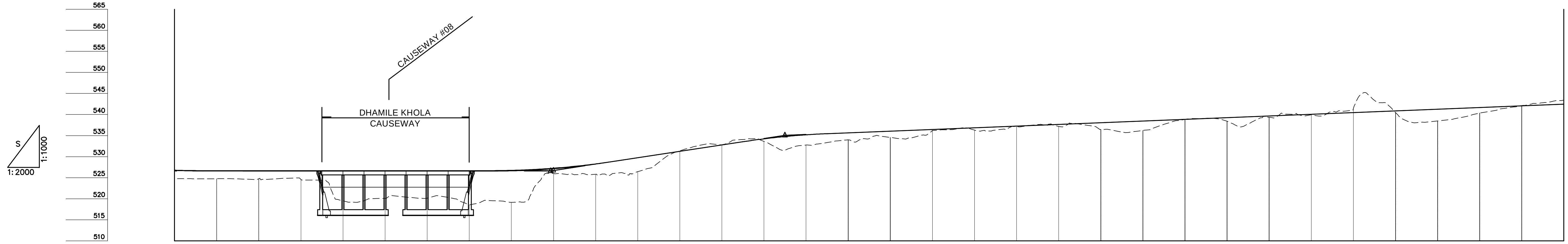
PLAN AND PROFILE
STA. 23+100 – STA. 23+760

Drawing No. B-49

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

NIPPON KOEI CO., LTD, Consulting Engineers, Japan





VCL = 50m, VCR = 714m (23+088.571, 526.600); VCL = 50m, VCR = 658m (23+278.684, 526.600); VCL = 40m, VCR = 714m (23+390.000, 535.060)

GRADE: 0.000% L=190.113; 7.600% L=111.316; 2.000% L=460.000

STATION	PROPOSED HEIGHT	GROUND HEIGHT
23+100	526.729	524.813
23+120	526.600	524.756
23+140	526.600	524.720
23+160	526.600	524.637
23+180	526.600	519.523
23+200	526.600	520.107
23+220	526.600	520.134
23+240	526.600	518.512
23+260	526.630	519.138
23+280	527.126	526.000
23+300	528.230	525.833
23+320	529.740	526.417
23+340	531.260	531.375
23+360	532.780	532.829
23+380	534.230	533.648
23+400	535.190	532.755
23+420	535.660	533.982
23+440	536.060	534.575
23+460	536.460	536.210
23+480	536.860	536.325
23+500	537.260	537.100
23+520	537.660	537.189
23+540	538.060	536.469
23+560	538.460	536.215
23+580	538.860	538.828
23+600	539.260	538.430
23+620	539.660	539.331
23+640	540.060	539.936
23+660	540.460	541.352
23+680	540.860	540.491
23+700	541.260	538.469
23+720	541.660	540.347
23+740	542.060	542.132
23+760	542.460	543.407

CURVE ELEMENT: R=60 (+104.662); L=143.693; +248.354 R=40 L=38.380; +286.734 L=29.643; +316.377 R=180 L=85.207; +401.584 R=150 L=58.088; +459.672 R=100 L=45.018; +504.689 L=76.549; +581.238 R=40 L=30.456; +611.694 L=28.223; +639.917 R=25 L=50.178; +690.095 L=46.104; +736.199 R=80 L=56.653

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

WIDENING: 1.25m; 1.25m; 1.25m; 1.0m; 1.25m

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