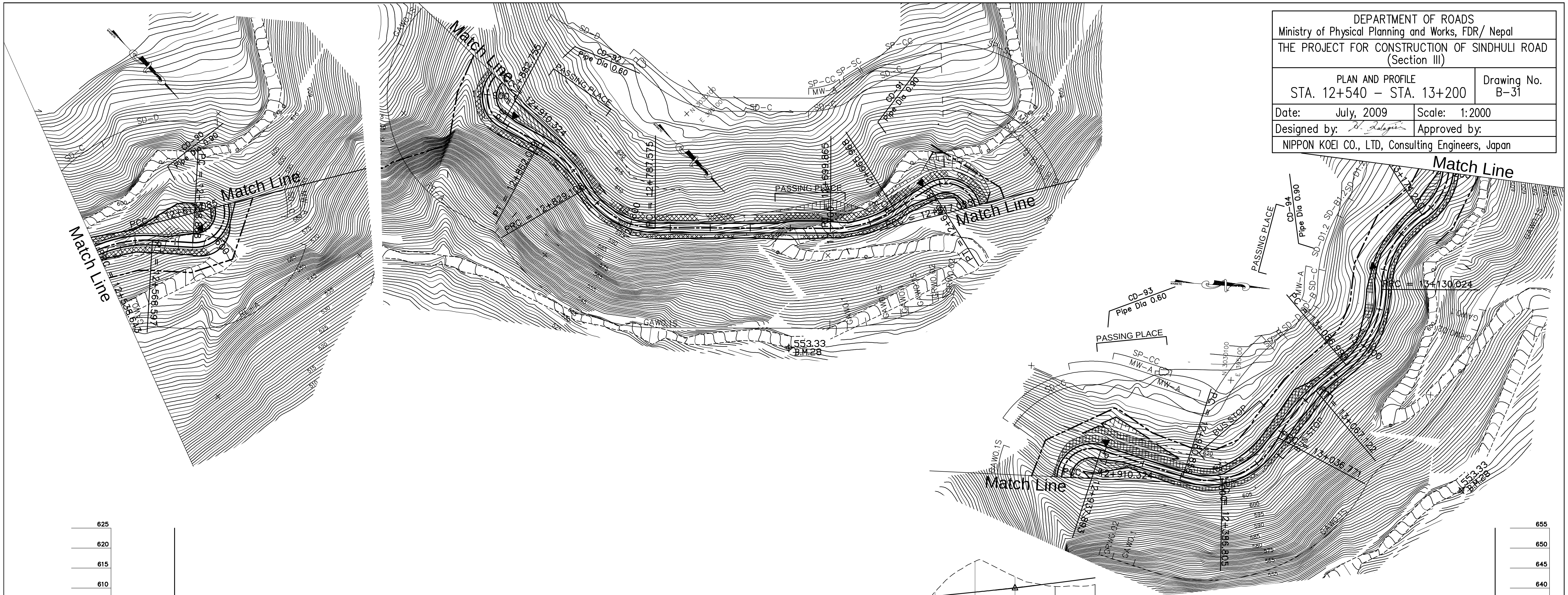


DEPARTMENT OF ROADS

Ministry of Physical Planning and Works, FDR/ Nepal

THE PROJECT FOR CONSTRUCTION OF SINDHULI ROAD (Section III)

PLAN AND PROFILE

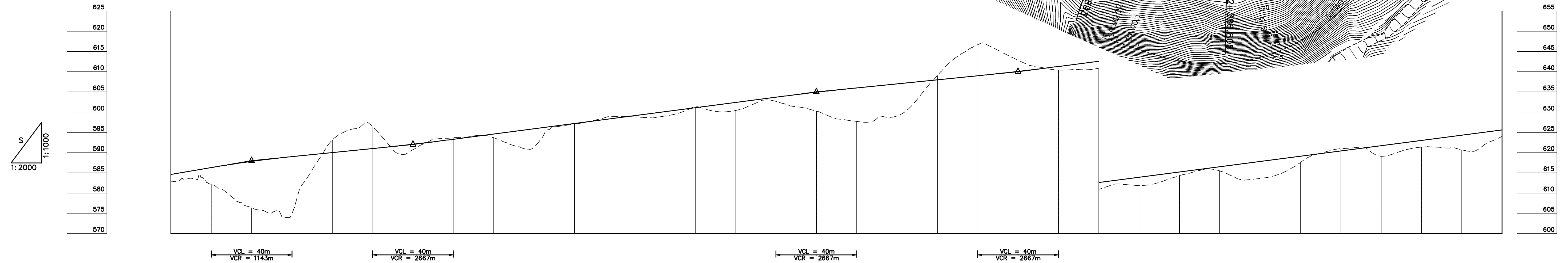
STA. 12+540 – STA. 13+200

Drawing No. B–31

Date: July, 2009 | Scale: 1:2000

Designed by: [signature] | Approved by:

NIPPON KOEI CO., LTD, Consulting Engineers, Japan



GRADE: 8.500% L=600.000 — VIP 588.000 (12+580.000) — 5.000% L=80.000 — VIP 592.000 (12+660.000) — 6.500% L=200.000 — VIP 605.000 (12+860.000) — 5.000% L=100.000 — VIP 610.000 (12+960.000) — 6.500% L=460.000

STATION	PROPOSED HEIGHT	GROUND HEIGHT
12+540	584.600	582.776
12+560	586.300	582.162
12+580	587.825	576.381
12+600	589.000	574.914
12+620	590.000	593.120
12+640	591.000	596.387
12+660	592.075	590.715
12+680	593.300	593.702
12+700	594.600	593.682
12+720	595.900	591.325
12+740	597.200	597.067
12+760	598.500	598.957
12+780	599.800	598.646
12+800	601.100	601.296
12+820	602.400	600.423
12+840	603.700	602.675
12+860	604.925	600.290
12+880	606.000	597.706
12+900	607.000	599.032
12+920	608.000	609.047
12+940	609.000	616.664
12+960	610.075	612.858
12+980	611.300	610.426
13+000	612.600	610.905
13+020	613.900	611.835
13+040	615.200	614.294
13+060	616.500	615.479
13+080	617.800	613.618
13+100	619.100	617.554
13+120	620.400	620.983
13+140	621.700	619.112
13+160	623.000	621.373
13+180	624.300	620.681
13+200	625.600	623.983

CURVE ELEMENT: R=60 L=29.953; +568.597; L=20.291; +588.888; R=15 L=28.197; +617.085; R=15 L=28.197; +645.281; L=20.687; +665.968; R=60 L=33.897; +699.865; L=87.711; +787.575; R=40 L=41.533; +829.108; R=60 L=32.901; +862.009; L=20.746; +882.755; R=15 L=27.569; +910.324; R=15 L=27.569; +937.893; L=42.964; +980.856; R=40 L=55.914; +036.771; R=80 L=30.351; +067.122; L=19.873; +086.995; R=50 L=43.029; +130.024; R=45 L=44.236; +174.260; R=30 L=58.872

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

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

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