

STATION	FINISHED GRADE	ORIGINAL GROUND	HORIZONTAL CURVATURE	VERTICAL CURVATURE	SUPERELEVATION
322+300	1079.625	1079.886			
	1079.677	1079.886			
	1079.990	1080.147			
	1080.304	1080.412			
	1080.617	1080.702			
	1080.930	1081.021			
	1081.340	1081.368			
	1081.749	1081.745			
	1082.159	1082.143			
	1082.568	1082.510			
	1082.978	1082.838			
	1082.997	1083.127			
	1083.015	1083.378			
	1083.034	1083.589			
	1083.052	1083.762			
	1083.071	1083.896			
	1082.776	1083.992			
	1082.480	1084.048			
	1082.185	1084.066			
	1081.889	1084.045			
	1081.594	1083.990			
	1081.578	1083.930			
	1081.562	1083.870			
	1081.642	1083.810			
	1081.813	1083.750			
	1081.901	1083.701			
	1082.185	1083.722			
	1082.469	1083.820			
	1082.752	1083.994			
	1083.036	1084.246			
	1083.532	1084.574			
	1084.058	1084.979			
	1084.584	1085.414			
	1085.109	1085.809			
	1085.635	1086.161			
	1086.161	1086.467			

THE BASIC DESIGN STUDY ON CONSTRUCTION OF EASTERN ARTERIAL ROAD IN MONGOLIA

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

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THE GOVERNMENT OF MONGOLIA

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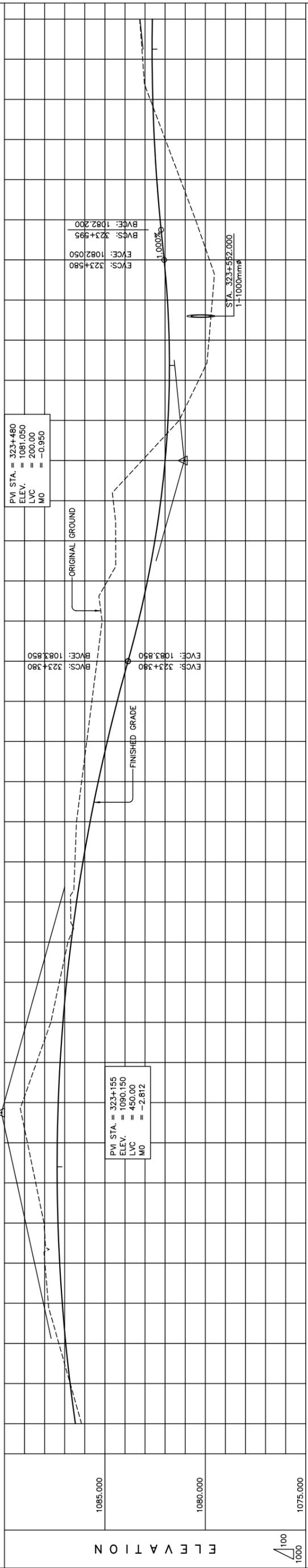
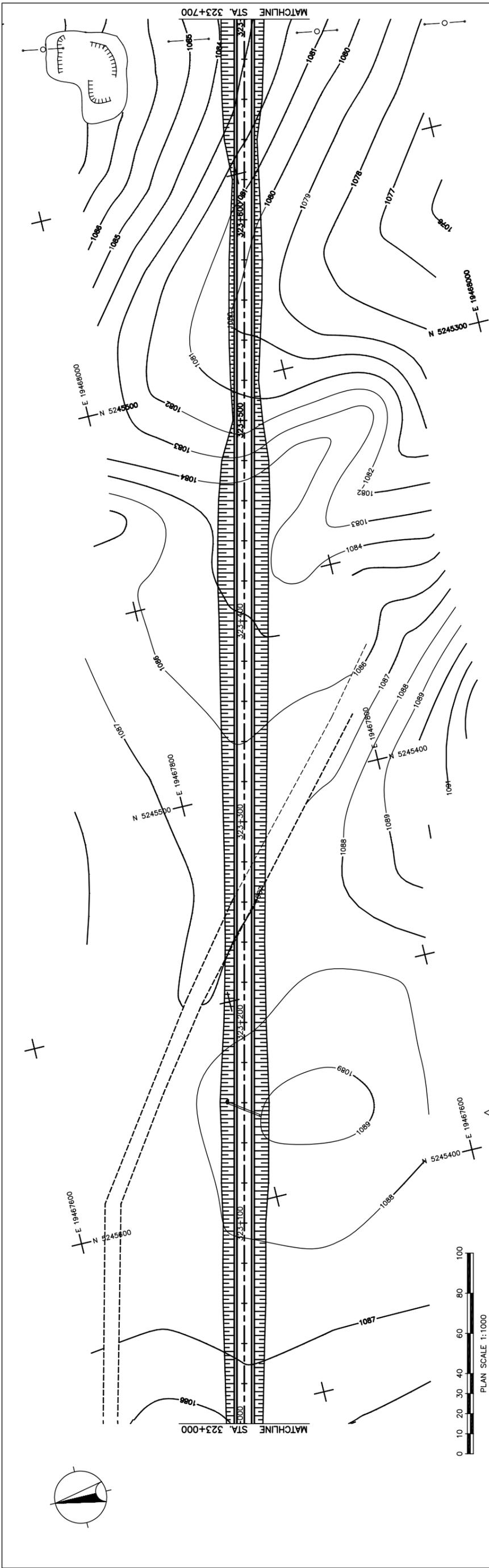
Scale

AS SHOWN

PLAN AND PROFILE
STA. 322+300 - STA. 323+000
(SECTION-6)

Sheet No. C-31
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Figure 2-2-3-81 Plan and Profile (Section VI Sta.322+300-Sta.323+000)



STATION	FINISHED GRADE	ORIGINAL GROUND	HORIZONTAL CURVATURE	VERTICAL CURVATURE	SUPERELEVATION
323+000	1086.467	1086.161			
	1086.727	1086.729			
	1087.293	1086.947			
	1087.816	1087.121			
	1087.987	1087.249			
	1088.030	1087.334			
	1088.443	1087.374			
	1088.856	1087.370			
	1089.109	1087.321			
	1088.401	1087.227			
	1087.692	1087.090			
	1087.266	1086.907			
	1086.840	1086.681			
	1086.705	1086.410			
	1086.490	1086.094			
	1086.412	1085.734			
	1086.157	1085.330			
	1085.902	1084.881			
	1085.647	1084.387			
	1085.392	1083.850			
	1085.137	1083.328			
	1084.871	1082.882			
	1084.664	1082.512			
	1084.583	1082.218			
	1083.147	1082.000			
	1081.301	1081.858			
	1080.334	1081.792			
	1079.819	1081.802			
	1079.652	1081.887			
	1079.793	1082.049			
	1080.485	1082.248			
	1081.238	1082.415			
	1081.992	1082.537			
	1082.745	1082.615			
	1083.119	1082.648			
	1083.266	1082.637			

STRAIGHT

LVC = 450.00 m

LVC = 200.00 m

g = 1.000%

THE BASIC DESIGN STUDY ON CONSTRUCTION OF EASTERN ARTERIAL ROAD IN MONGOLIA

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Scale

AS SHOWN

PLAN AND PROFILE
STA. 323+000 - STA. 323+700
(SECTION-6)

Drawing title

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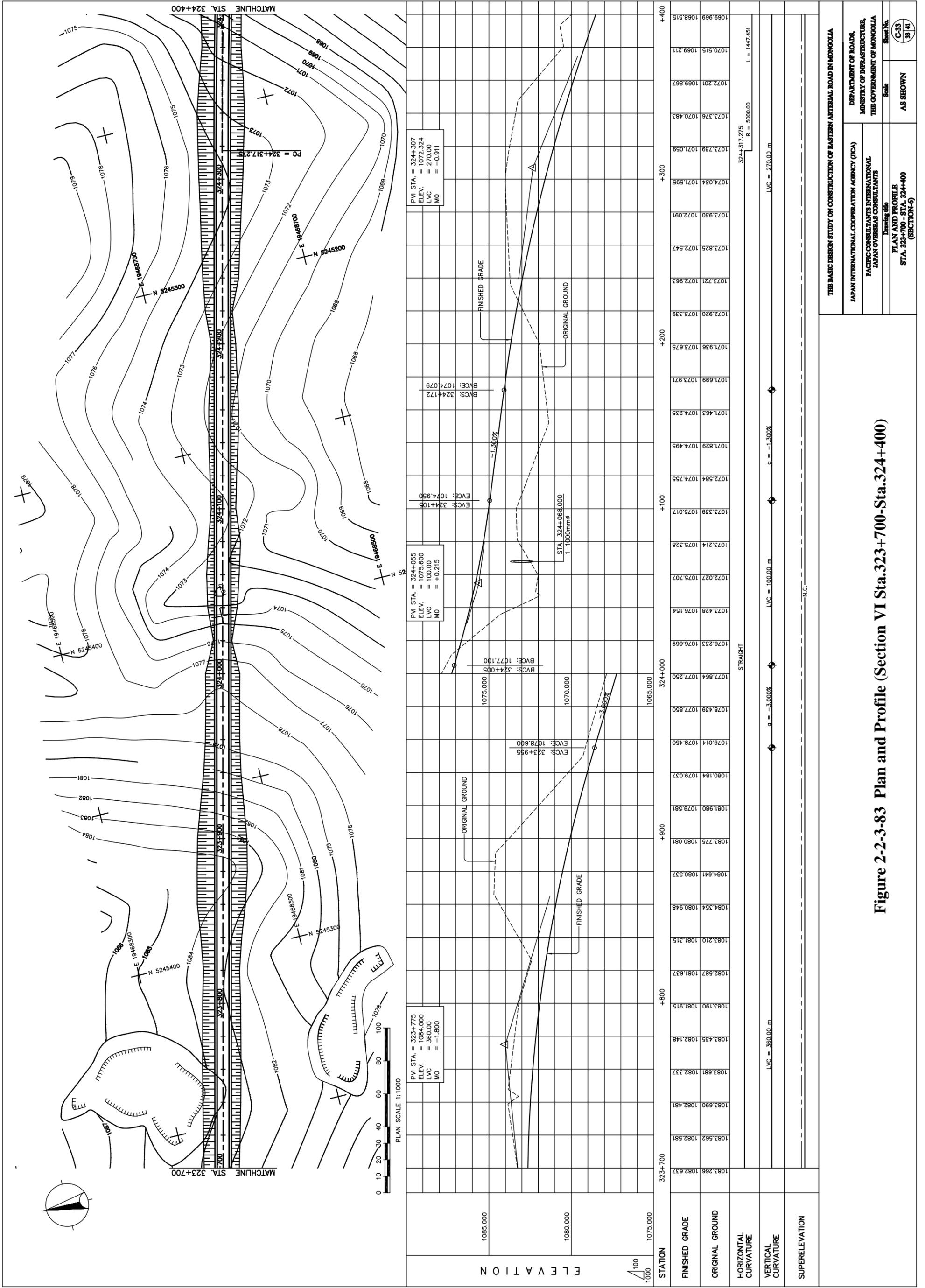
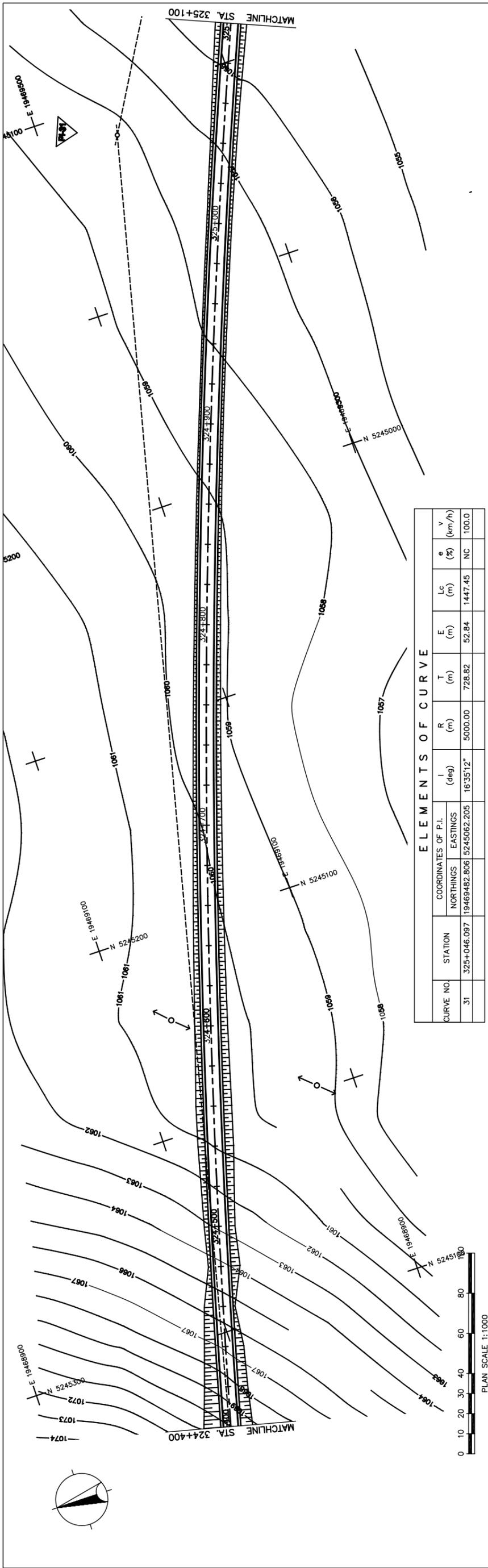
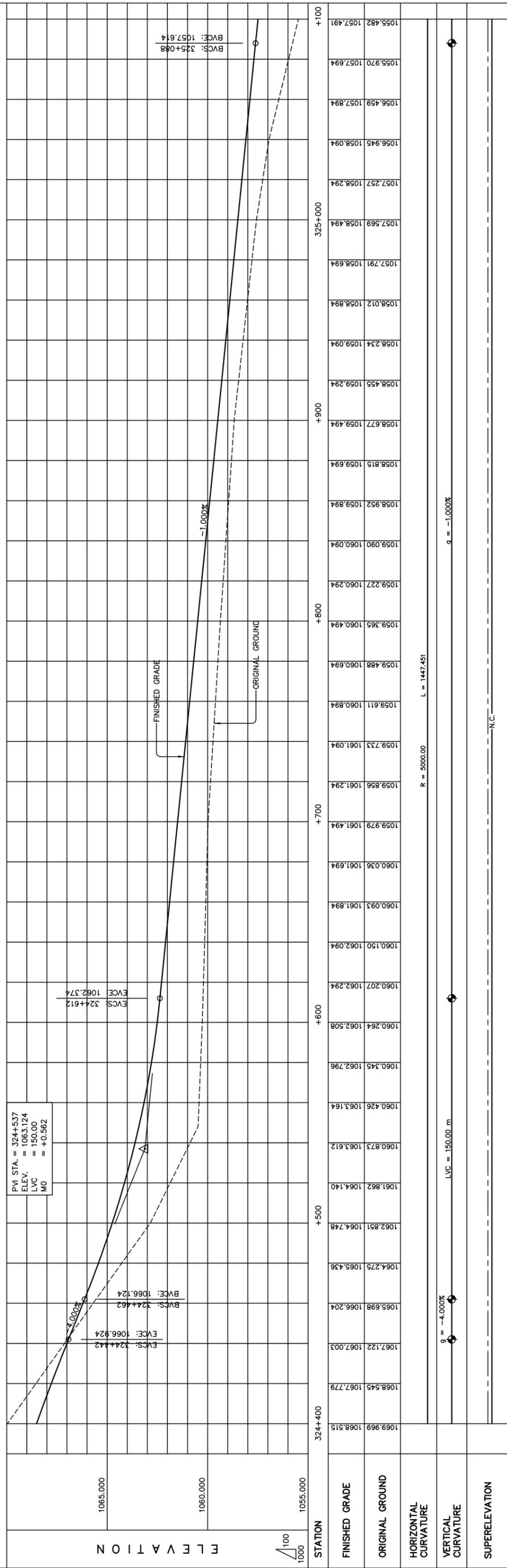


Figure 2-2-3-83 Plan and Profile (Section VI Sta.323+700-Sta.324+400)



ELEMENTS OF CURVE

CURVE NO.	STATION	COORDINATES OF P.I.		I (deg)	R (m)	T (m)	E (m)	Lc (m)	e (%)	v (km/h)
		NORTHINGS	EASTINGS							
31	325+046.097	19469482.806	5245062.205	16°35'12"	5000.00	728.82	52.84	1447.45	NC	100.0



PLAN AND PROFILE

STA. 324+400 - STA. 325+100

(SECTION-6)

Scale

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THE BASIC DESIGN STUDY ON CONSTRUCTION OF EASTERN ARTERIAL ROAD IN MONGOLIA

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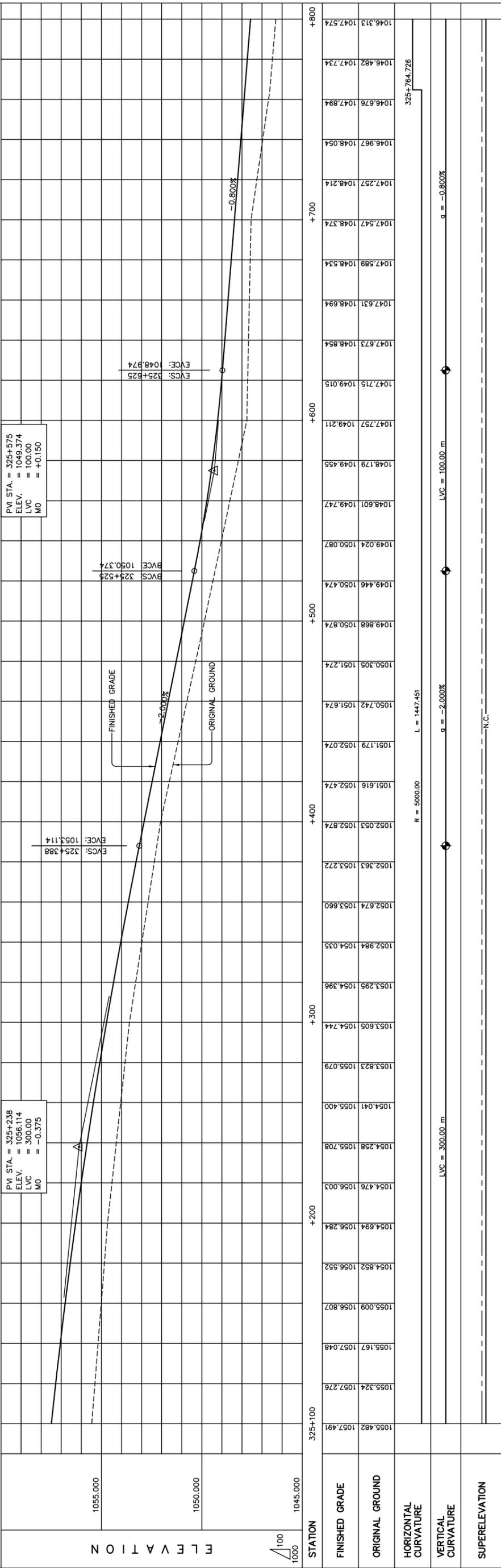
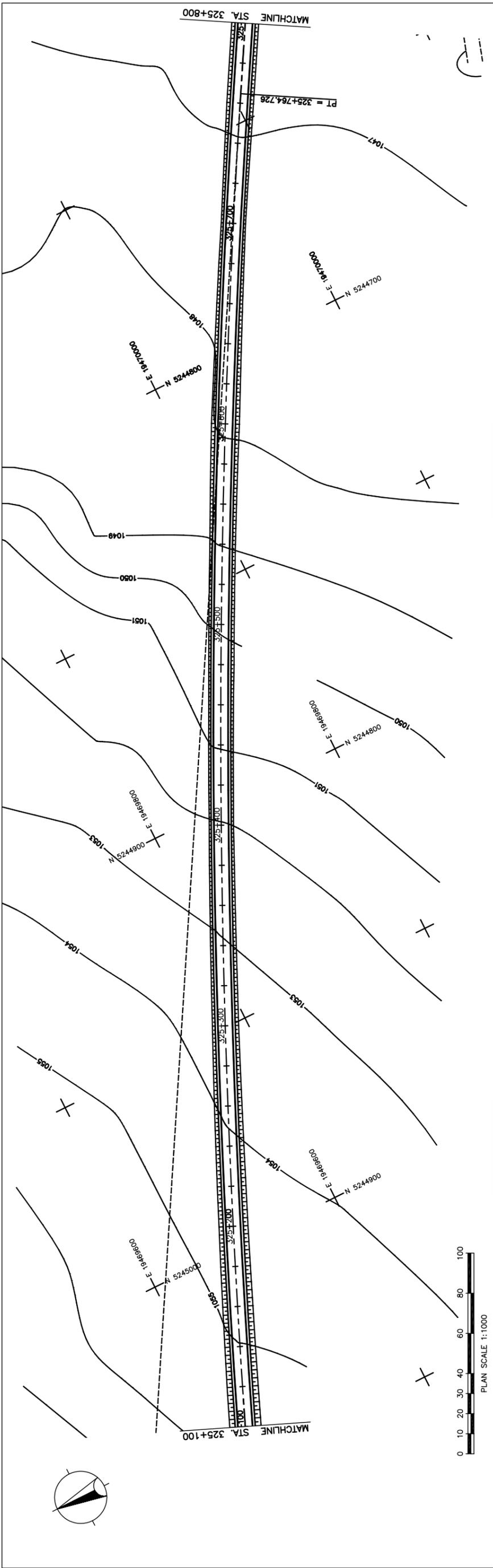
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Drawing title



STATION	FINISHED GRADE	ORIGINAL GROUND	HORIZONTAL CURVATURE	VERTICAL CURVATURE	SUPERELEVATION
325+100	1055.482	1057.491			
	1055.324	1057.276			
	1055.167	1057.048			
	1055.009	1056.807			
	1054.852	1056.552			
	1054.694	1056.284			
	1054.476	1056.003			
	1054.258	1055.708			
	1054.041	1055.400			
	1053.823	1055.079			
	1053.605	1054.744			
	1053.295	1054.396			
	1052.984	1054.035			
	1052.674	1053.660			
	1052.363	1053.272			
	1052.053	1052.874			
	1051.616	1052.474			
	1051.179	1052.074			
	1050.742	1051.674			
	1050.305	1051.274			
	1049.868	1050.874			
	1049.446	1050.474			
	1049.024	1050.087			
	1048.601	1049.747			
	1048.179	1049.455			
	1047.757	1049.211			
	1047.715	1049.015			
	1047.673	1048.854			
	1047.631	1048.694			
	1047.589	1048.534			
	1047.547	1048.374			
	1047.257	1048.214			
	1046.967	1048.054			
	1046.676	1047.894			
	1046.482	1047.734			
	1046.313	1047.574			

Figure 2-2-3-85 Plan and Profile (Section VI Sta.325+100-Sta.325+800)

THE BASIC DESIGN STUDY ON CONSTRUCTION OF EASTERN ARTERIAL ROAD IN MONGOLIA

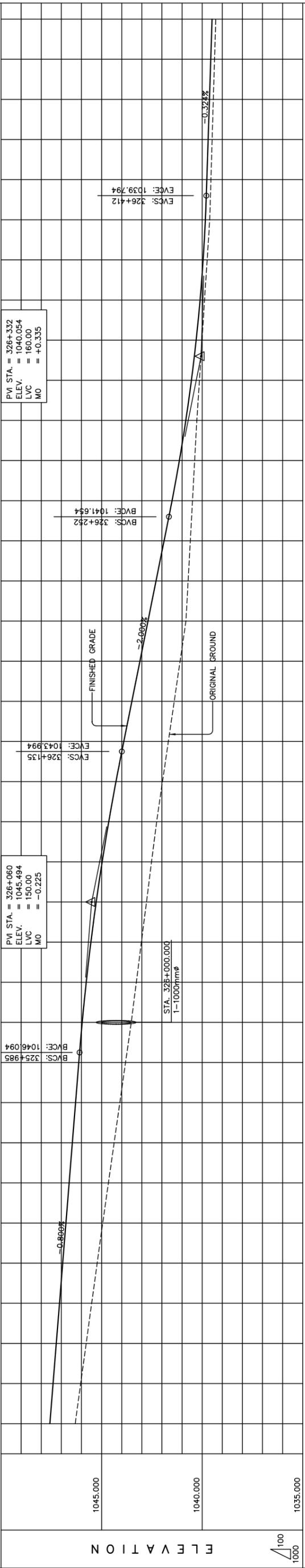
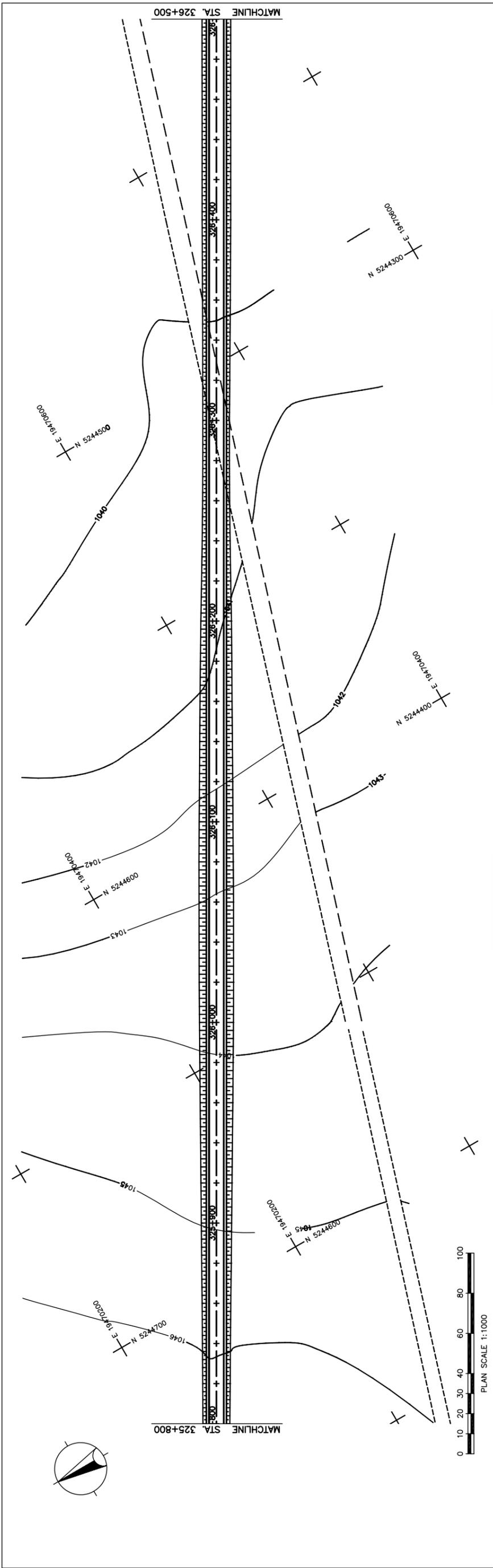
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Scale: AS SHOWN

Sheet No. C-35 (35/41)

PLAN AND PROFILE
 STA. 325+100 - STA. 325+800
 (SECTION-6)



STATION	FINISHED GRADE	ORIGINAL GROUND	HORIZONTAL CURVATURE	VERTICAL CURVATURE	SUPERELEVATION
325+800	1046.313	1047.574			
	1046.039	1047.414			
	1045.766	1047.254			
	1045.492	1047.094			
	1045.219	1046.934			
	1044.945	1046.774			
	1044.661	1046.614			
	1044.377	1046.454			
	1044.094	1046.294			
	1043.810	1046.134			
	1043.526	1045.965			
326+000	1043.274	1045.765			
	1043.021	1045.533			
	1042.769	1045.269			
	1042.516	1044.973			
	1042.264	1044.645			
	1041.972	1044.285			
	1041.681	1043.894			
	1041.389	1043.494			
	1041.098	1043.094			
	1040.806	1042.694			
	1040.698	1042.294			
	1040.590	1041.894			
	1040.481	1041.497			
	1040.373	1041.135			
	1040.265	1040.814			
	1040.137	1040.536			
	1040.009	1040.299			
	1039.881	1040.104			
	1039.753	1039.952			
	1039.625	1039.841			
	1039.565	1039.768			
	1039.505	1039.704			
	1039.444	1039.639			
	1039.384	1039.574			
326+500	1039.324	1039.509			

STRAIGHT

LVC = 150.00 m

LVC = 160.00 m

g = -0.800%

g = -2.000%

g = -0.324%

N.C.

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Scale

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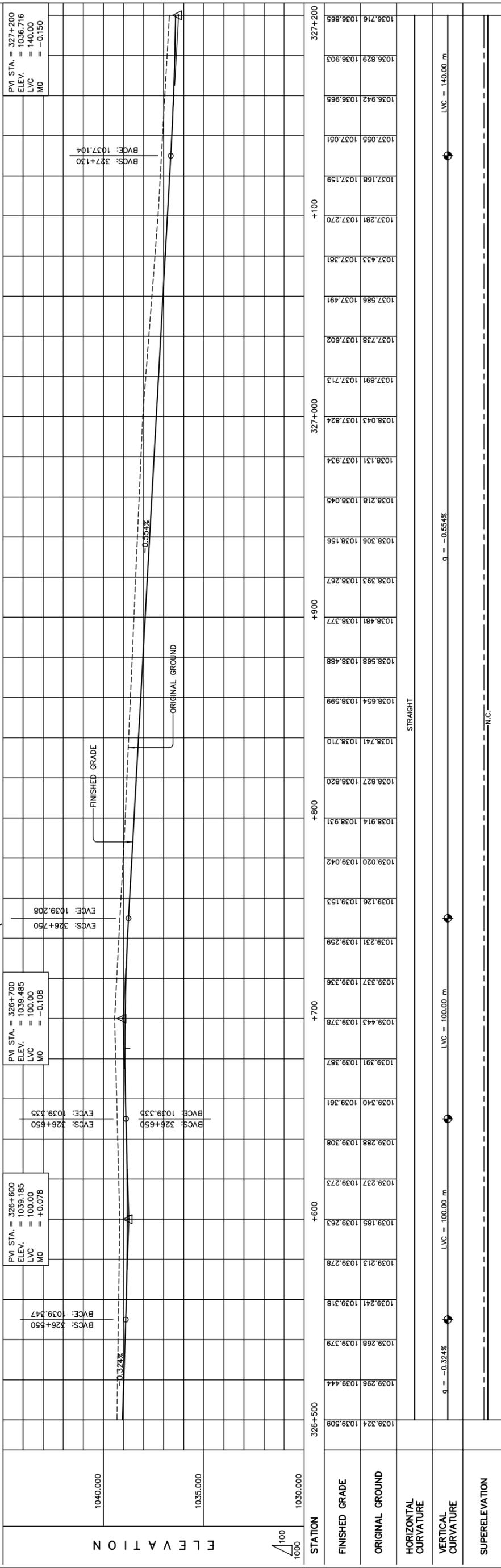
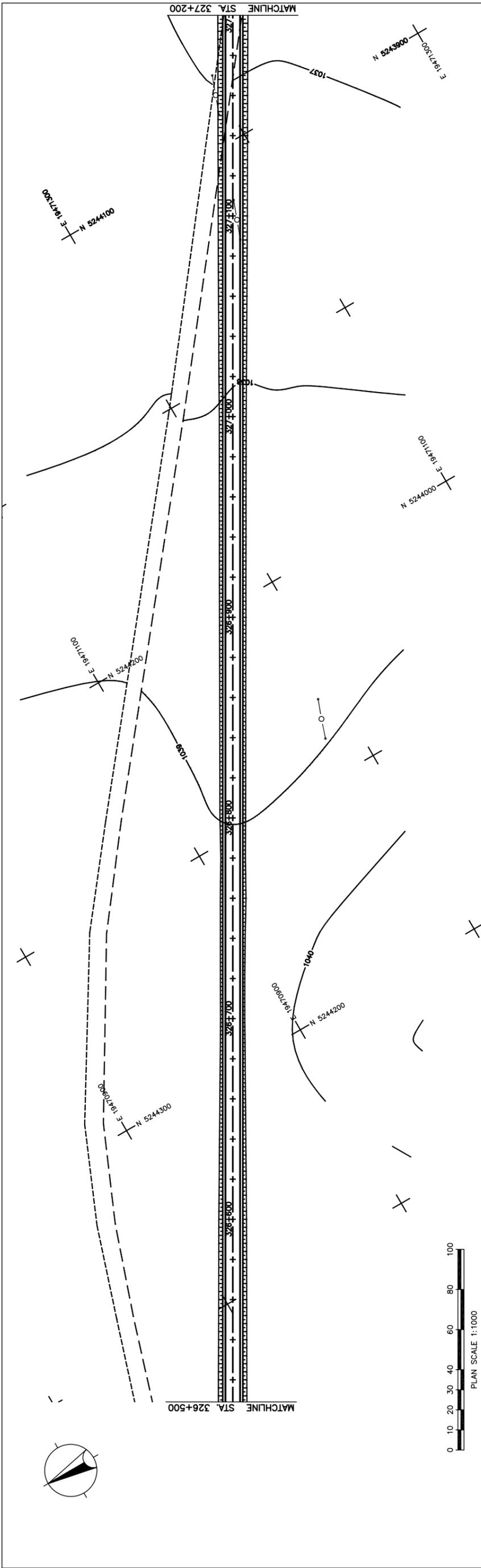
PLAN AND PROFILE
STA. 325+800 - STA. 326+500
(SECTION-6)

Drawing title

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Figure 2-2-3-86 Plan and Profile (Section VI Sta.325+800-326+500)



STATION	FINISHED GRADE	ORIGINAL GROUND	HORIZONTAL CURVATURE	VERTICAL CURVATURE	SUPERELEVATION
326+500	1039.324	1039.509			
	1039.296	1039.444			
	1039.268	1039.379			
	1039.241	1039.318			
	1039.213	1039.278			
	1039.185	1039.263			
	1039.157	1039.273			
	1039.129	1039.308			
	1039.101	1039.361			
	1039.073	1039.387			
	1039.045	1039.378			
	1039.017	1039.336			
	1038.989	1039.259			
	1038.961	1039.153			
	1038.933	1039.042			
	1038.905	1038.931			
	1038.877	1038.820			
	1038.849	1038.710			
	1038.821	1038.599			
	1038.793	1038.488			
	1038.765	1038.377			
	1038.737	1038.267			
	1038.709	1038.156			
	1038.681	1038.045			
	1038.653	1037.934			
	1038.625	1037.824			
	1038.597	1037.713			
	1038.569	1037.602			
	1038.541	1037.491			
	1038.513	1037.381			
	1038.485	1037.270			
	1038.457	1037.159			
	1038.429	1037.049			
	1038.401	1036.938			
	1038.373	1036.827			
	1038.345	1036.716			

Figure 2-2-3-87 Plan and Profile (Section VI Sta.326+500-Sta.327+200)

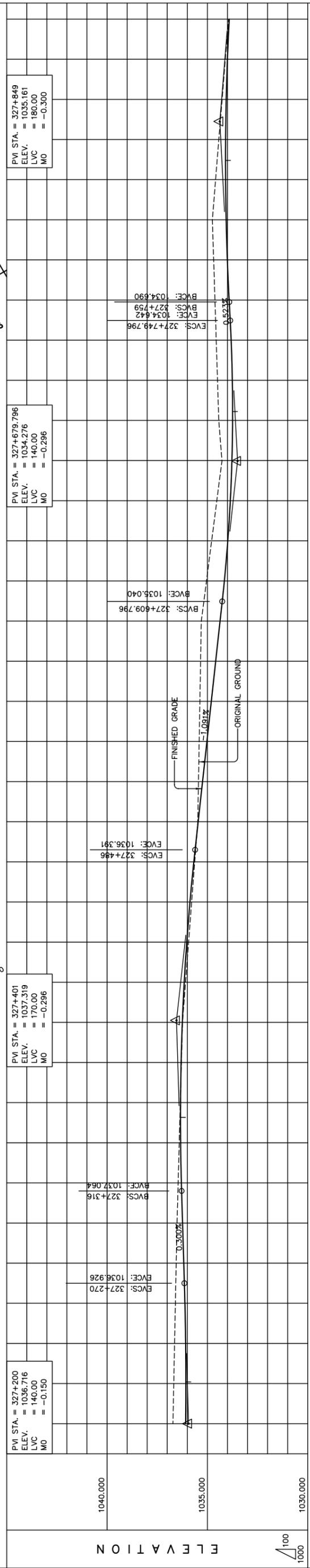
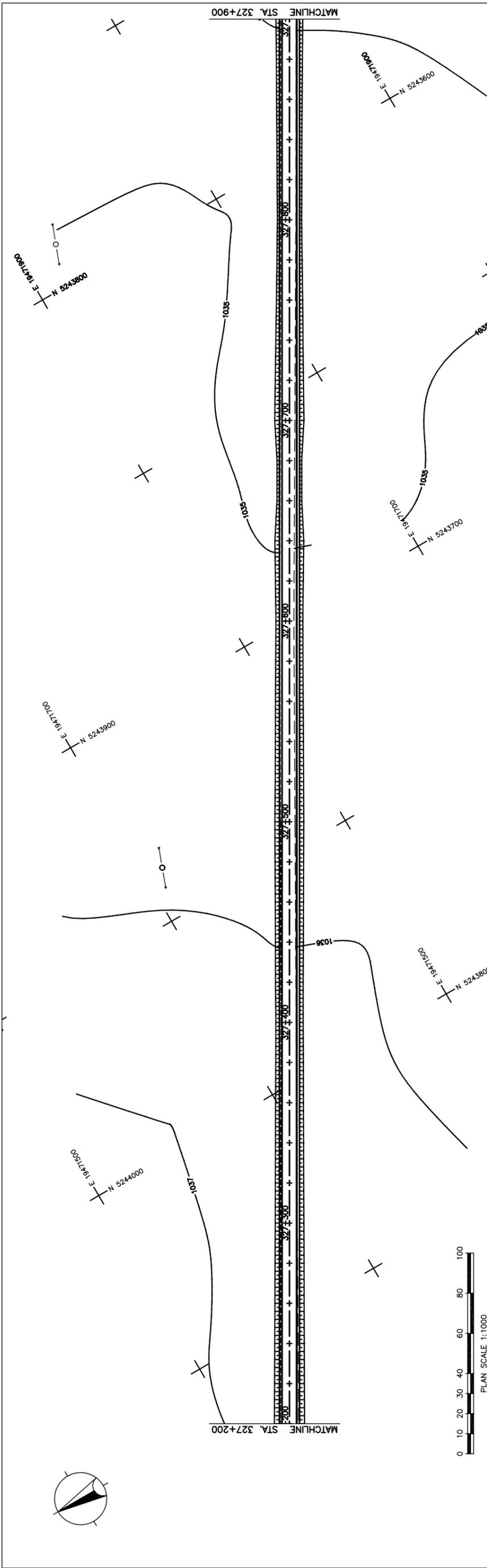
THE BASIC DESIGN STUDY ON CONSTRUCTION OF EASTERN ARTERIAL ROAD IN MONGOLIA

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 Drawing title: PLAN AND PROFILE
 STA. 326+500 - STA. 327+200
 (SECTION-6)

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STATION	FINISHED GRADE	ORIGINAL GROUND	HORIZONTAL CURVATURE	VERTICAL CURVATURE	SUPERELEVATION
327+200	1036.716	1036.865			
	1036.675	1036.852			
	1036.635	1036.863			
	1036.594	1036.899			
	1036.554	1036.956			
	1036.513	1037.016			
	1036.459	1037.075			
	1036.405	1037.112			
	1036.350	1037.117			
	1036.296	1037.088			
	1036.242	1037.027			
	1036.090	1036.933			
	1035.937	1036.807			
	1035.785	1036.647			
	1035.632	1036.455			
	1035.480	1036.238			
	1035.445	1036.020			
	1035.409	1035.802			
	1035.374	1035.584			
	1035.338	1035.365			
	1035.303	1035.147			
	1035.046	1034.935			
	1034.788	1034.763			
	1034.531	1034.637			
	1034.278	1034.558			
	1034.431	1034.525			
	1034.496	1034.538			
	1034.560	1034.597			
	1034.625	1034.696			
	1034.689	1034.784			
	1034.754	1034.843			
	1034.592	1034.872			
	1034.430	1034.871			
	1034.269	1034.841			
	1034.107	1034.781			
	1033.945	1034.691			

STRAIGHT
 $g = -1.091\%$
 LVC = 170.00 m
 $g = 0.300\%$
 LVC = 180.00 m

Scale: N.C.

THE BASIC DESIGN STUDY ON CONSTRUCTION OF EASTERN ARTERIAL ROAD IN MONGOLIA

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PLAN AND PROFILE
 STA. 327+200 - STA. 327+900
 (SECTION-6)

AS SHOWN

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