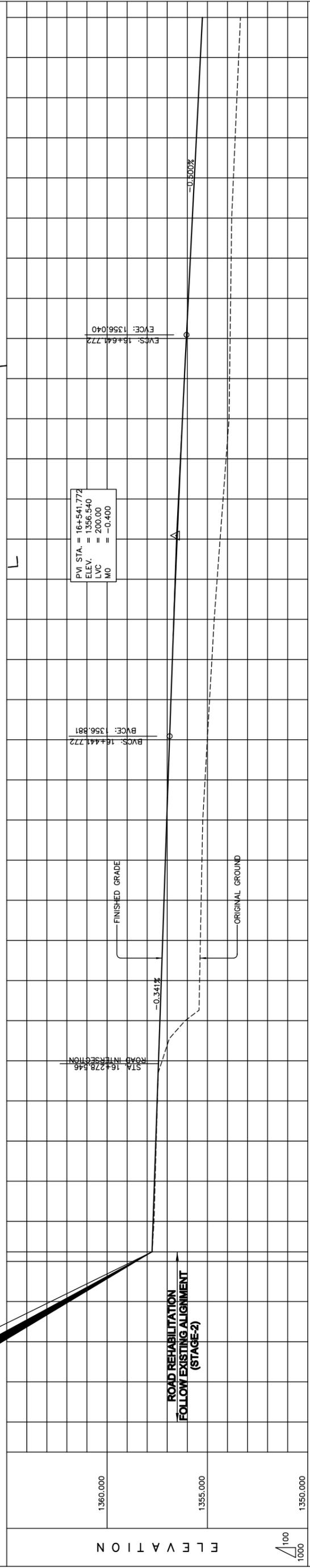


PI NO.	STATION	COORDINATES OF P.I.		I (deg)	R (m)	T (m)	E (m)	Lc (m)	e (%)	v (km/h)
		NORTHINGS	EASTINGS							
1	16+378.088	19302853.977	5296185.053	46°34'00"	450.00 LT	193.65	39.90	365.73	6.00	100.0
2	16+748.252	19303227.677	5296302.501	47°30'55"	450.00 RT	198.05	41.66	373.18	6.00	100.0



STATION	FINISHED GRADE	ORIGINAL GROUND	HORIZONTAL CURVATURE	VERTICAL CURVATURE	SUPERELEVATION
16+100					
16+110					
16+120					
16+130					
16+140					
16+150					
16+160					
16+170					
16+180					
16+190					
16+200					
16+210					
16+220					
16+230					
16+240					
16+250					
16+260					
16+270					
16+280					
16+290					
16+300					
16+310					
16+320					
16+330					
16+340					
16+350					
16+360					
16+370					
16+380					
16+390					
16+400					
16+410					
16+420					
16+430					
16+440					
16+450					
16+460					
16+470					
16+480					
16+490					
16+500					
16+510					
16+520					
16+530					
16+540					
16+550					
16+560					
16+570					
16+580					
16+590					
16+600					
16+610					
16+620					
16+630					
16+640					
16+650					
16+660					
16+670					
16+680					
16+690					
16+700					
16+710					
16+720					
16+730					
16+740					
16+750					
16+760					
16+770					
16+780					
16+790					
16+800					

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

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 THE GOVERNMENT OF MONGOLIA

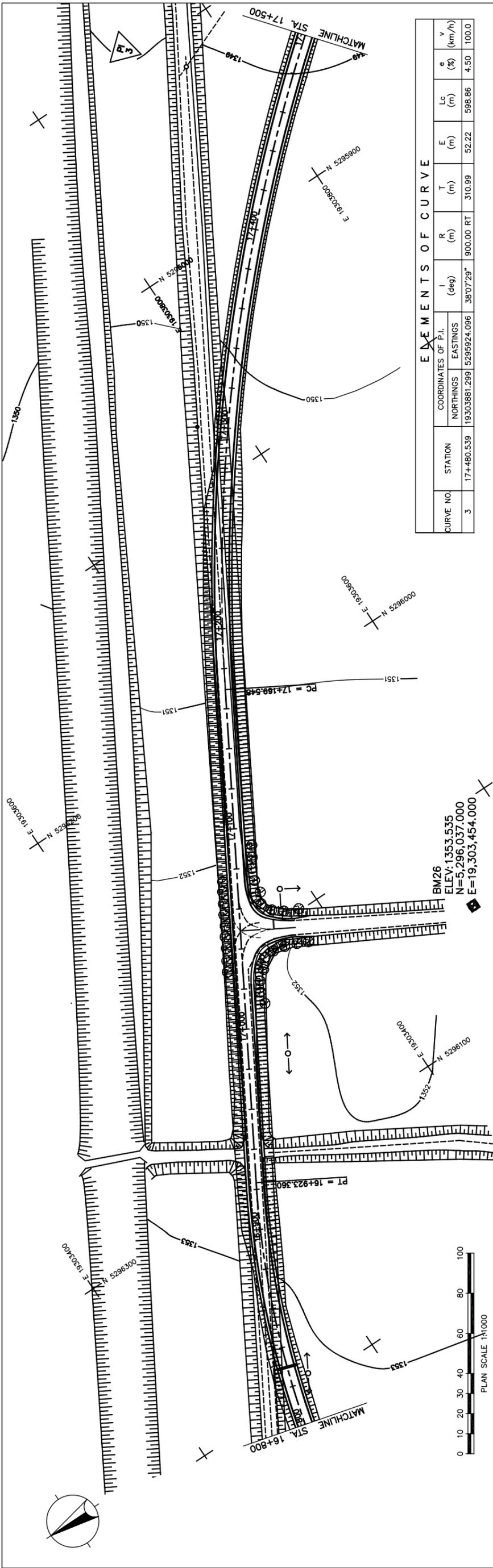
PACIFIC CONSULTANTS INTERNATIONAL
 JAPAN OVERSEAS CONSULTANTS

Scale AS SHOWN

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Drawing title
**PLAN AND PROFILE
 (STA.16+100 TO STA.16+800)
 (STAGE-1)**

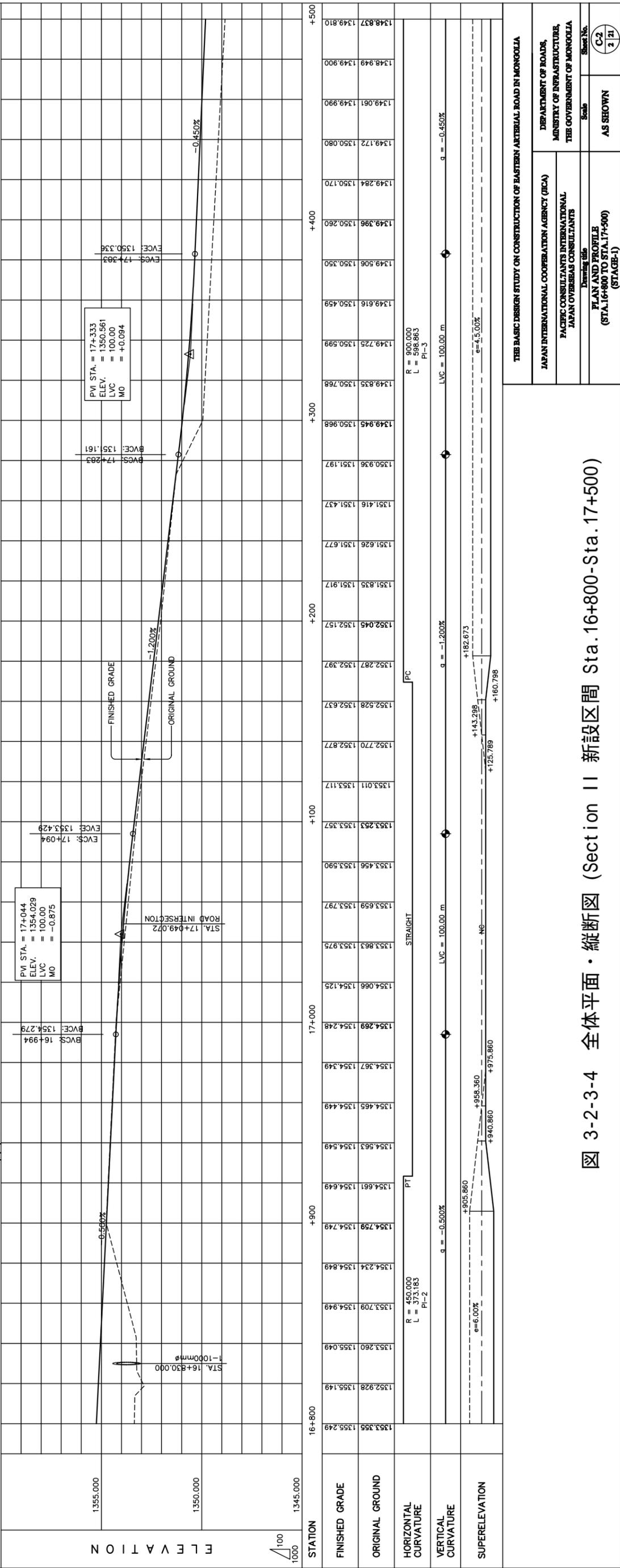
図 3-2-3-3 全体平面・縦断面 (Section II 新設区間 Sta.16+100-Sta.16+800)



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							
3	17+480.539	19303881.289	5295924.096	38°07'29"	900.00	310.99	52.22	598.86	4.50	100.0

BM26
ELEV: 1353.535
N=5,296,037.000
E=19,303,454.000



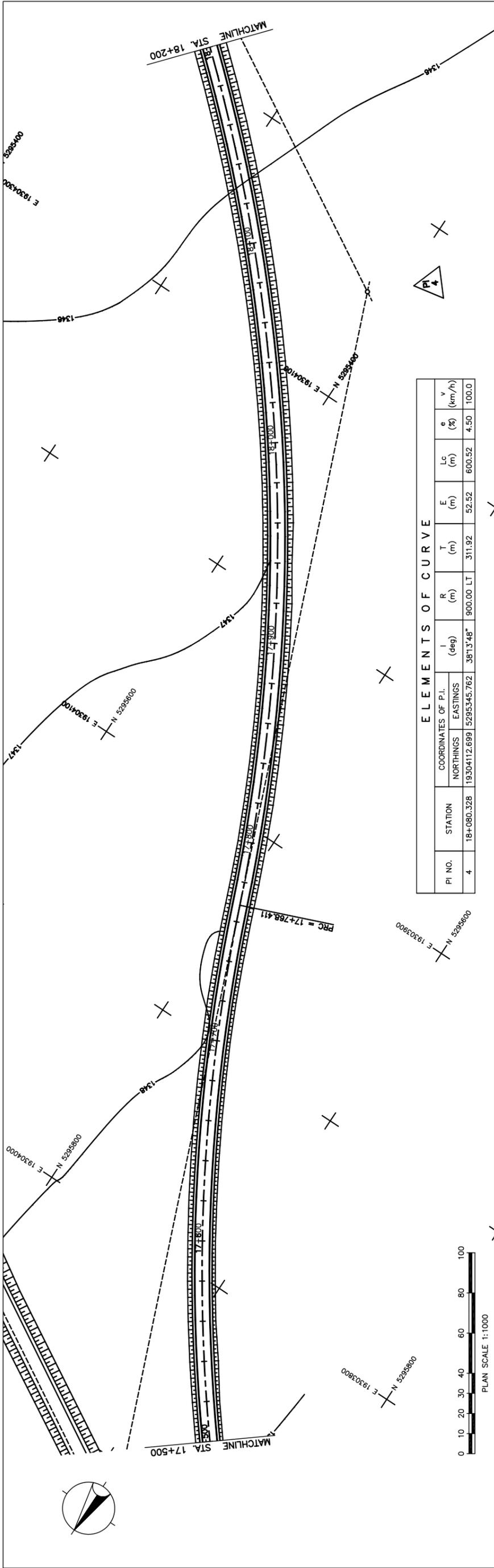
PVI STA. = 17+044
ELEV. = 1354.029
LVC = 100.00
MO = -0.875

PVI STA. = 17+333
ELEV. = 1350.561
LVC = 100.00
MO = +0.094

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

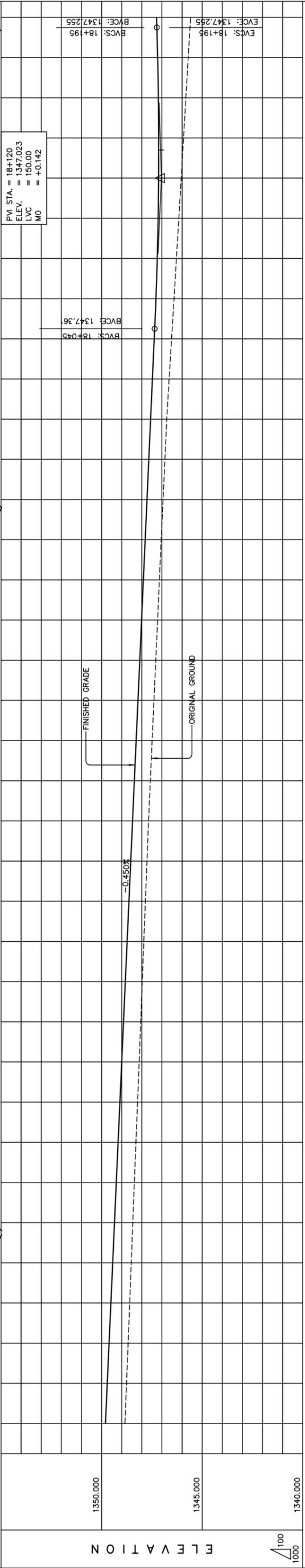
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	DEPARTMENT OF ROADS, MINISTRY OF INFRASTRUCTURE, THE GOVERNMENT OF MONGOLIA
PACIFIC CONSULTANTS INTERNATIONAL JAPAN OVERSEAS CONSULTANTS	Scale AS SHOWN
Drawing title PLAN AND PROFILE (STA.16+800 TO STA.17+500) (STAGE-1)	Sheet No. C-2 2 / 21

図 3-2-3-4 全体平面・縦断面 (Section II 新設区間 Sta.16+800-Sta.17+500)



ELEMENTS OF CURVE

PI NO.	STATION	COORDINATES OF P.I.		I (deg)	R (m)	T (m)	E (m)	Lc (m)	e (%)	V (km/h)
		NORTHINGS	EASTINGS							
4	18+080.328	1930412.699	5295345.762	381°3'48"	900.00	311.92	52.52	600.52	4.50	100.0



STATION	17+500	+600	+700	+800	+900	+1000	18+200
FINISHED GRADE	1348.837	1349.810	1348.055	1347.667	1347.217	1346.641	1345.577
ORIGINAL GROUND	1348.759	1349.720	1348.134	1347.745	1347.307	1346.641	1345.693
HORIZONTAL CURVATURE							
VERTICAL CURVATURE							
SUPERELEVATION							

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

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Drawing title
**PLAN AND PROFILE
 (STA.17+500 TO STA.18+200)
 (STAGE-1)**

Scale
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図 3-2-3-5 全体平面・縦断面 (Section II 新設区間 Sta.17+500-Sta.18+200)

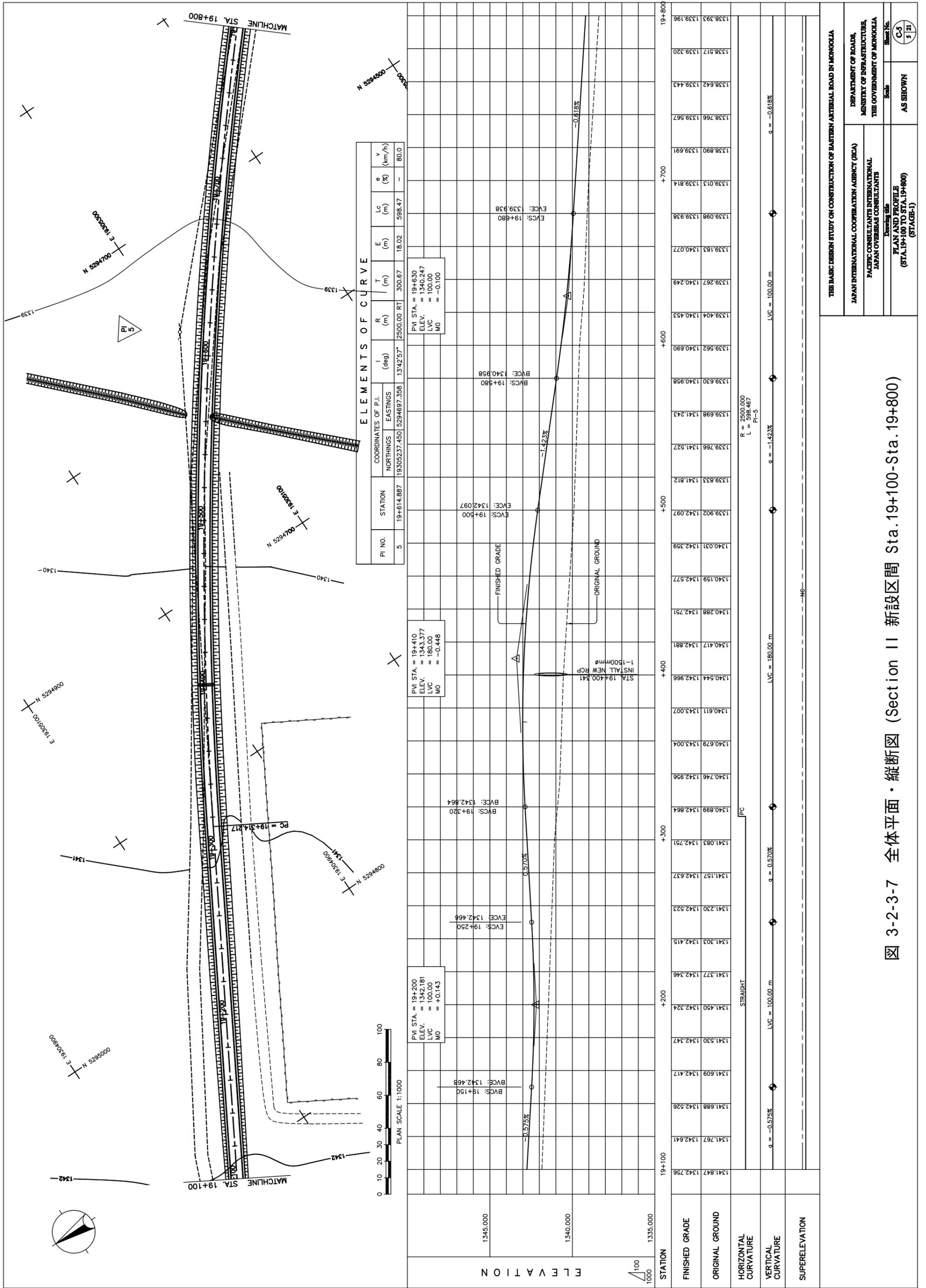


図 3-2-3-7 全体平面・縦断面 (Section II 新設区間 Sta.19+100-Sta.19+800)

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

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)
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Drawing title
**PLAN AND PROFILE
 (STA.19+100 TO STA.19+800)
 (STAGE-1)**

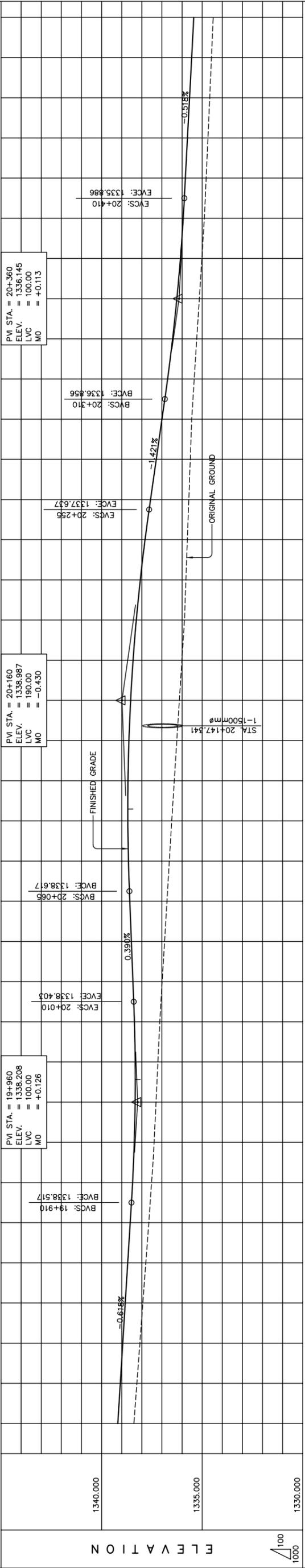
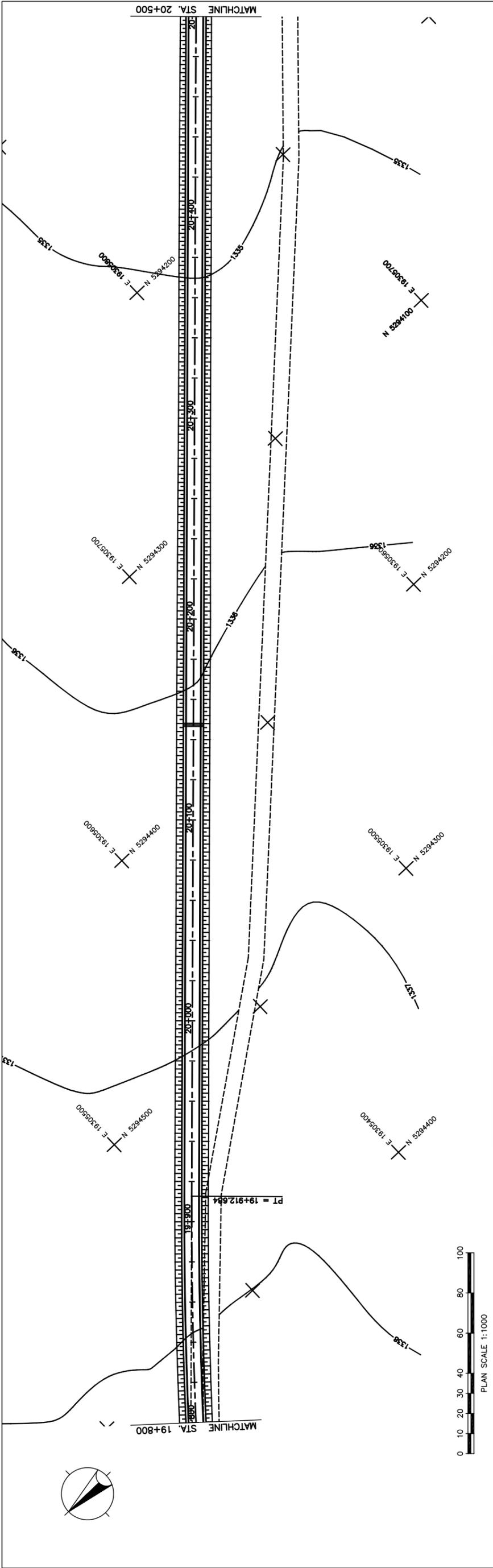
STRAIGHT
 LVC = 180.00 m
 g = -0.575%

PI-5
 R = 2500.000
 L = 598.467
 LVC = 100.00 m
 g = -1.423%

FC
 LVC = 100.00 m
 g = 0.570%

g = -0.618%

SUPERELEVATION



STATION	19+800	+900	+100	+200	+300	+400	+500
FINISHED GRADE	1338.246	1339.073	1338.949	1338.825	1337.950	1337.802	1337.654
ORIGINAL GROUND	1338.246	1339.073	1338.949	1338.825	1337.950	1337.802	1337.654
HORIZONTAL CURVATURE							
VERTICAL CURVATURE							
SUPERELEVATION							

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

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Drawing title
PLAN AND PROFILE
 (STA.19+800 TO STA.20+500)
 (STAGE-1)

Scale
 AS SHOWN

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図 3-2-3-8 全体平面・縦断面 (Section II 新設区間 Sta.19+800-Sta.20+500)