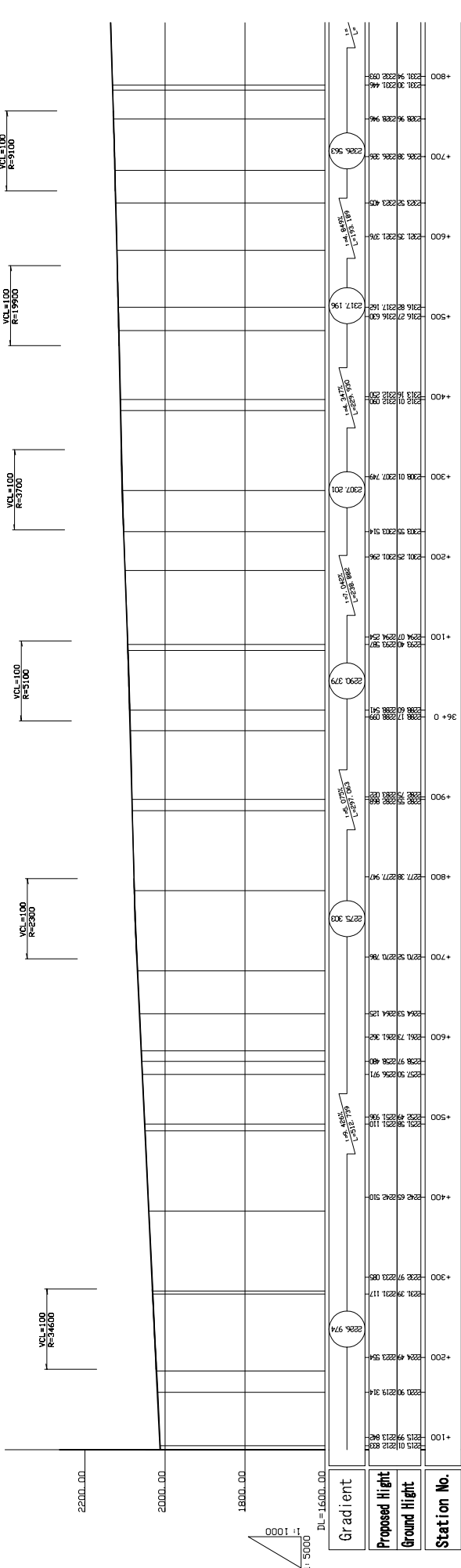
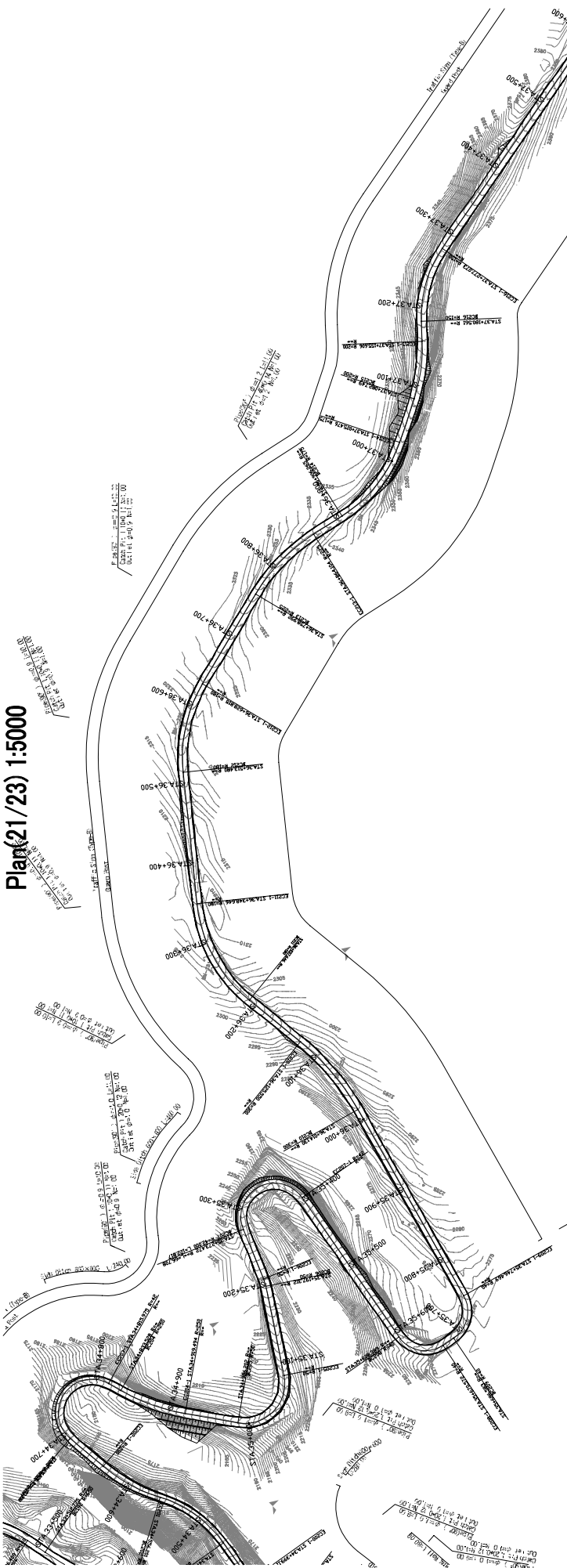


Plan(21/23) 1:5000



Station No.	Ground Height	Proposed Height	Gradient
2100+00	1612.808	1612.808	2296.974
2105+00	1621.3	1621.3	2296.974
2110+00	1629.811	1629.811	2296.974
2115+00	1638.322	1638.322	2296.974
2120+00	1646.833	1646.833	2296.974
2125+00	1655.344	1655.344	2296.974
2130+00	1663.855	1663.855	2296.974
2135+00	1672.366	1672.366	2296.974
2140+00	1680.877	1680.877	2296.974
2145+00	1689.388	1689.388	2296.974
2150+00	1697.899	1697.899	2296.974
2155+00	1706.410	1706.410	2296.974
2160+00	1714.921	1714.921	2296.974
2165+00	1723.432	1723.432	2296.974
2170+00	1731.943	1731.943	2296.974
2175+00	1740.454	1740.454	2296.974
2180+00	1748.965	1748.965	2296.974
2185+00	1757.476	1757.476	2296.974
2190+00	1765.987	1765.987	2296.974
2195+00	1774.498	1774.498	2296.974
2200+00	1783.009	1783.009	2296.974

ETHIOPIA ROAD AUTHORITY THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA

THE PROJECT FOR REHABILITATION OF TRUNK ROAD PHASE III IN THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA

ORIENTAL CONSULTANTS CO., LTD IN ASSOCIATION WITH JAPAN ENGINEERING CONSULTANTS CO., LTD

Plan-Profile(21/23)

SCALE shown

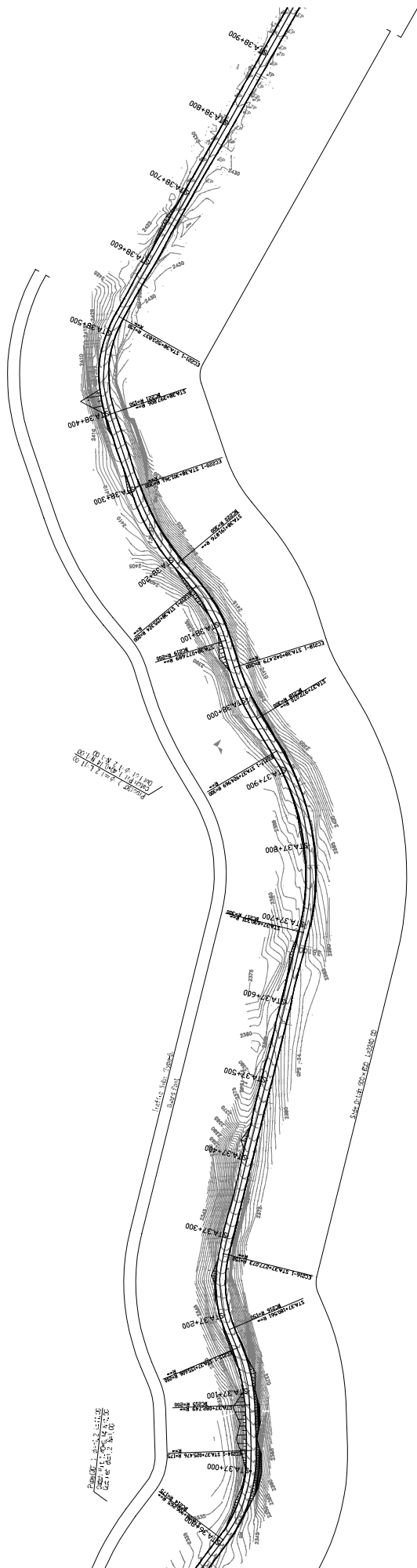
DESIGN ETHIOPIA ROAD AUTHORITY THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA DATE 04.05.##

REVIEW ORIENTAL CONSULTANTS CO., LTD IN ASSOCIATION WITH JAPAN ENGINEERING CONSULTANTS CO., LTD DATE 04.05.##

DATE May 2004

SHEET NO 21

Plan(22/23) 1:5000



VCL=1.00
R=2660

VCL=1.00
R=13700

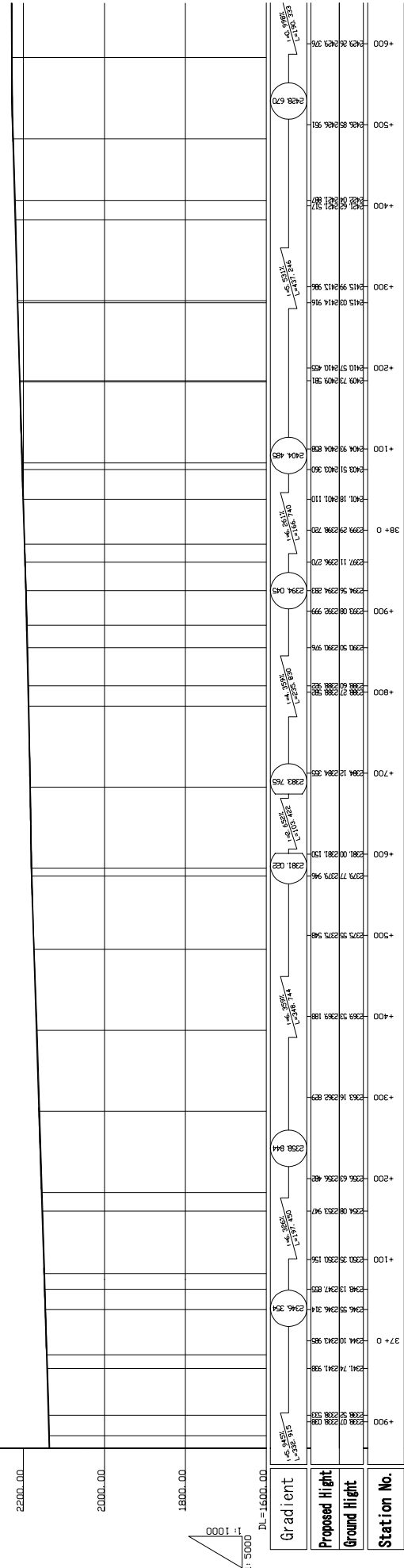
VCL=1.00
R=5300

VCL=1.00
R=9500

VCL=1.00
R=2700

VCL=1.00
R=596400

VCL=1.00
R=5300

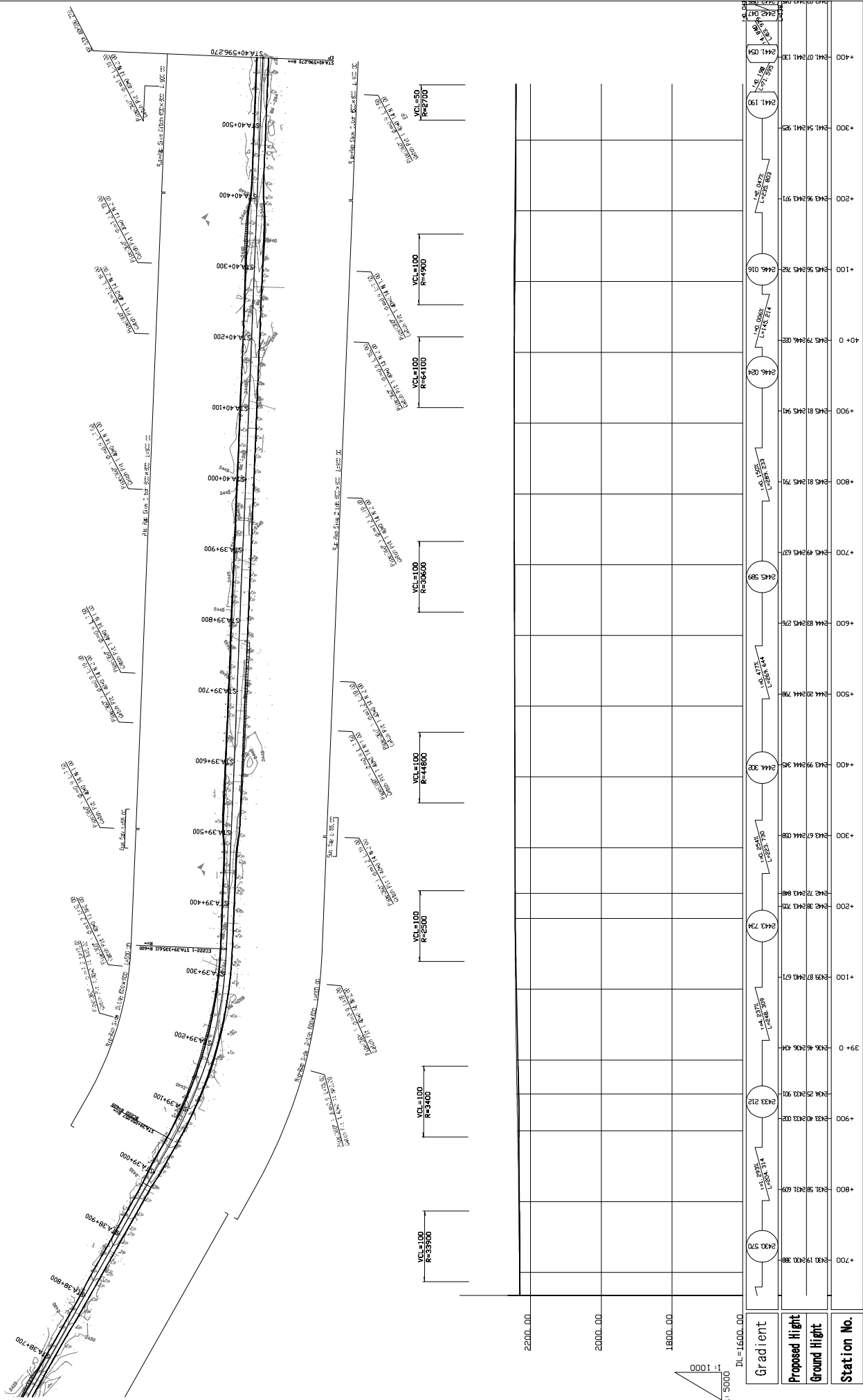


1:5000
1:1000

Station No.	Ground Height	Proposed Height	Gradient
37+0	1600.00	1600.00	0.00%
38+0	1650.00	1650.00	0.00%
39+0	1700.00	1700.00	0.00%
40+0	1750.00	1750.00	0.00%
41+0	1800.00	1800.00	0.00%
42+0	1850.00	1850.00	0.00%
43+0	1900.00	1900.00	0.00%
44+0	1950.00	1950.00	0.00%
45+0	2000.00	2000.00	0.00%
46+0	2050.00	2050.00	0.00%
47+0	2100.00	2100.00	0.00%
48+0	2150.00	2150.00	0.00%
49+0	2200.00	2200.00	0.00%
50+0	2200.00	2200.00	0.00%
51+0	2200.00	2200.00	0.00%
52+0	2200.00	2200.00	0.00%
53+0	2200.00	2200.00	0.00%
54+0	2200.00	2200.00	0.00%
55+0	2200.00	2200.00	0.00%
56+0	2200.00	2200.00	0.00%
57+0	2200.00	2200.00	0.00%
58+0	2200.00	2200.00	0.00%
59+0	2200.00	2200.00	0.00%
600+0	2200.00	2200.00	0.00%

ETHIOPIA ROAD AUTHORITY THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA	THE PROJECT FOR REHABILITATION OF TRUNK ROAD PHASE III IN THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA		ORIENTAL CONSULTANTS CO.,LTD IN ASSOCIATION WITH JAPAN ENGINEERING CONSULTANTS CO.,LTD		Plan-Profile(22/23)		SCALE	ETHIOPIA ROAD AUTHORITY THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA	DESIGN	REVIEW	DATE	SHEET NO
							shown	THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA	DATE	DATE	04.05.##	22

Plan(23/23) 1:5000



Station No.	Ground Height	Proposed Height	Gradient
700	2433.570	2433.570	0.00%
690	2433.000	2433.000	0.00%
680	2433.609	2433.609	0.00%
670	2433.114	2433.114	0.00%
660	2433.314	2433.314	0.00%
650	2433.212	2433.212	0.00%
640	2433.436	2433.436	0.00%
630	2433.734	2433.734	0.00%
620	2433.944	2433.944	0.00%
610	2433.830	2433.830	0.00%
600	2433.644	2433.644	0.00%
590	2433.589	2433.589	0.00%
580	2433.791	2433.791	0.00%
570	2433.845	2433.845	0.00%
560	2433.941	2433.941	0.00%
550	2433.945	2433.945	0.00%
540	2433.971	2433.971	0.00%
530	2433.925	2433.925	0.00%
520	2433.913	2433.913	0.00%
510	2433.824	2433.824	0.00%
500	2433.724	2433.724	0.00%
490	2433.624	2433.624	0.00%
480	2433.524	2433.524	0.00%
470	2433.424	2433.424	0.00%
460	2433.324	2433.324	0.00%
450	2433.224	2433.224	0.00%
440	2433.124	2433.124	0.00%
430	2433.024	2433.024	0.00%
420	2432.924	2432.924	0.00%
410	2432.824	2432.824	0.00%
400	2432.724	2432.724	0.00%

ETHIOPIA ROAD AUTHORITY THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA

THE PROJECT FOR REHABILITATION OF TRUNK ROAD PHASE III IN THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA

ORIENTAL CONSULTANTS CO.LTD IN ASSOCIATION WITH JAPAN ENGINEERING CONSULTANTS CO.LTD

Plan-Profile(23/23)

SCALE: shown

ETHIOPIA ROAD AUTHORITY THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA

ORIENTAL CONSULTANTS CO.LTD IN ASSOCIATION WITH JAPAN ENGINEERING CONSULTANTS CO.LTD

DESIGN DATE: 04.05.##

REVIEW DATE: 04.05.##

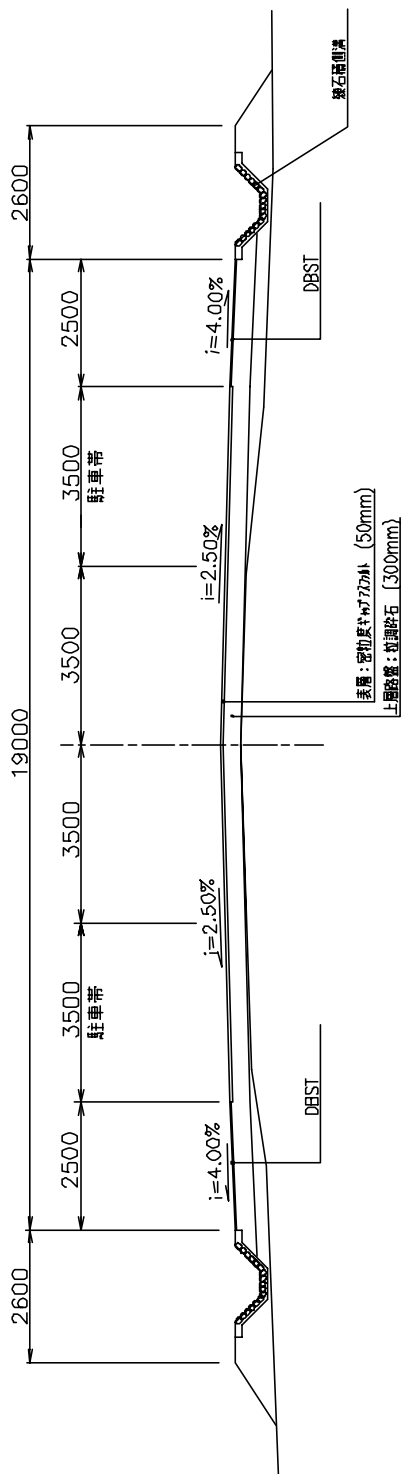
DATE: May 2004

SHEET NO: 23

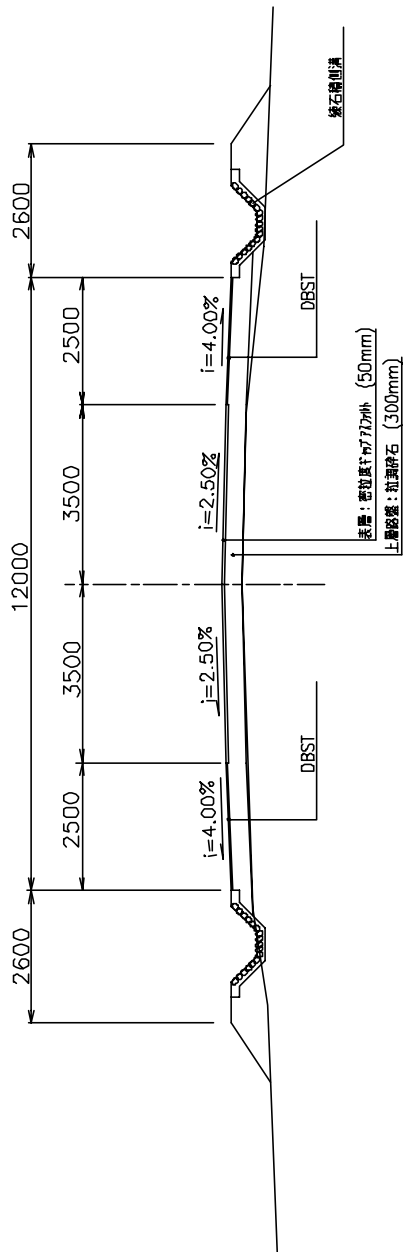
S = 1 : 100

標準横断面図

(Dejen Town: 中心部)
(No.39+500~No.40+400)



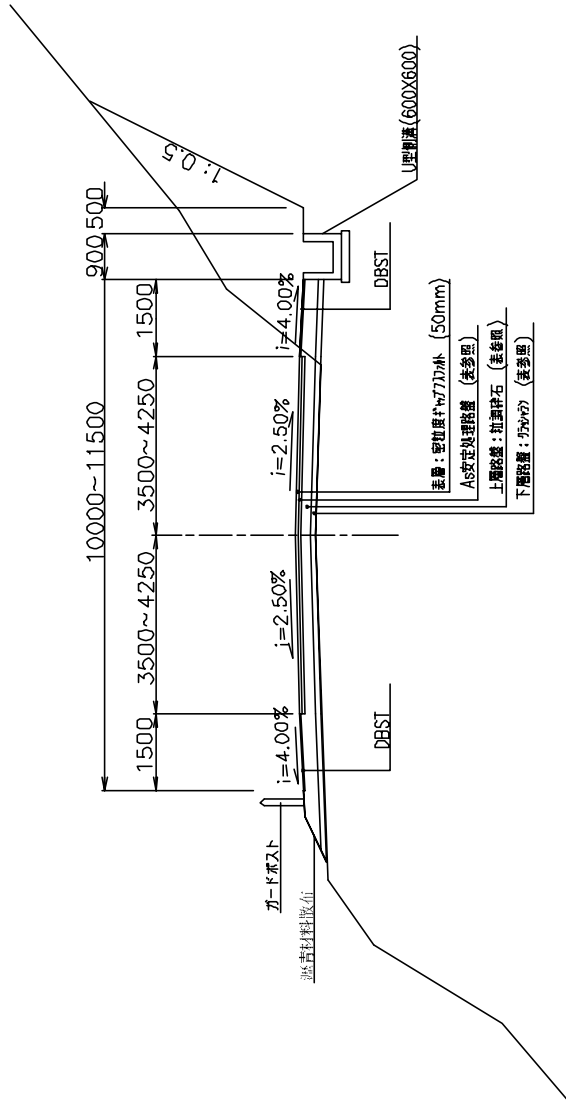
(Dejen Town: 中心部以外)
(No.39+000~No.39+500)
(No.40+400~No.41+300)



ETHIOPIA ROAD AUTHORITY THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA	THE PROJECT FOR REHABILITATION OF TRUNK ROAD PHASE III IN DEJEN TOWN THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA	ORIENTAL CONSULTANTS CO.,LTD IN ASSOCIATION WITH JAPAN ENGINEERING CONSULTANTS CO.,LTD	Typical CrossSection(4/4)	SCALE	DESIGN	REVIEW	DATE	SHEET NO
				S=1:100	ETHIOPIA ROAD AUTHORITY THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA	ORIENTAL CONSULTANTS CO.,LTD IN ASSOCIATION WITH JAPAN ENGINEERING CONSULTANTS CO.,LTD	DATE	DATE
					04.05.##	04.05.##	04.05.##	24

標準横断面図
(標準タイプ)

S = 1 : 100



DL=

曲線拡幅

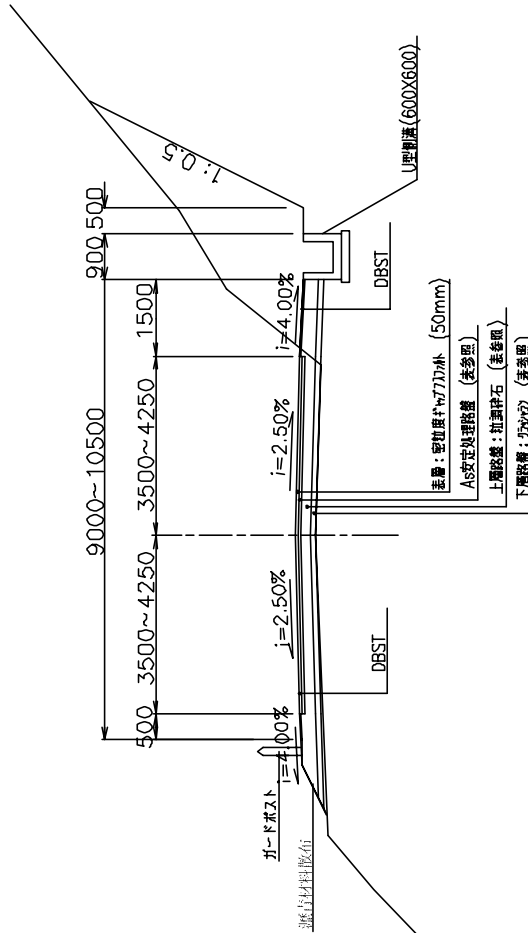
Radius of Curve(m)	Curve Widening: Two Lanes(m)
>250	0.0
120-250	0.3+0.3=0.6
60-120	0.45+0.45=0.9
40-60	0.6+0.6=1.2
20-40	0.75+0.75=1.5

舗装構成 (標準幅員タイプ)

CBR	舗装構成	採用区間
5	<p>標準</p> <p>As安定処理</p>	<ul style="list-style-type: none"> 1+250~2+050(L=800m) 4+300~4+800(L=500m) 6+900~7+400(L=500m) 8+000~9+700(L=1,700m) 4+800~6+900(L=2,100m) 7+400~8+000(L=600m) 9+700~11+000(L=1,300m) 3+100~4+300(L=1,200m)
33	<p>標準</p> <p>As安定処理</p>	<ul style="list-style-type: none"> 11+000~11+700(L=700m) 12+200~13+000(L=800m) 13+600~14+200(L=600m) 14+400~15+800(L=1,400m) 22+500~23+000(L=500m) 16+200~17+000(L=800m)
7	<p>標準</p> <p>As安定処理</p>	<ul style="list-style-type: none"> 22+100~22+500(L=400m) 23+000~26+000(L=3,000m)
15	<p>標準</p> <p>As安定処理</p>	<ul style="list-style-type: none"> 28+000~30+450(L=1,450m) 30+950~32+500(L=1,950m) 35+900~38+000(L=3,100m) 26+000~29+000(L=3,000m) 30+450~30+950(L=500m) 32+500~34+200(L=1,300m) 34+600~35+900(L=1,300m)

標準横断面図
(縮小タイプ1)

S = 1 : 100



DL=

曲線拡幅

Radius of Curve(m)	Curve Widening: Two Lanes(m)
>250	0.0
120-250	0.3+0.3=0.6
60-120	0.45+0.45=0.9
40-60	0.6+0.6=1.2
20-40	0.75+0.75=1.5

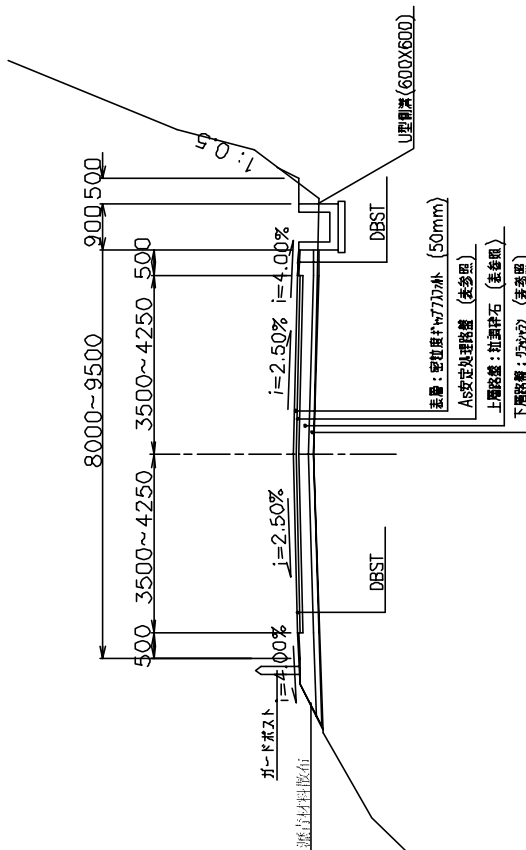
舗装構成 (縮小タイプ1)

CBR	舗装構成	採用区間
5	標準 As 上層厚 350 下層厚 100 As安定処理層 As 上層厚 250 下層厚 100	—
33	標準 As 上層厚 280 As安定処理層 As 上層厚 150 下層厚 100	・11+700-12+200(L=500m) ・13+000-13+600(L=600m) ・15+800-16+200(L=400m) ・19+000-19+700(L=700m)
7	標準 As 上層厚 300 下層厚 100 As安定処理層 As 上層厚 200 下層厚 100	・20+000-20+400(L=400m)
15	標準 As 上層厚 300 As安定処理層 As 上層厚 200	—

ETHIOPIA ROAD AUTHORITY THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA	THE PROJECT FOR REHABILITATION OF TRUNK ROAD PHASE III IN THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA	ORIENTAL CONSULTANTS CO.,LTD IN ASSOCIATION WITH JAPAN ENGINEERING CONSULTANTS CO.,LTD	Typical CrossSection(2/4)	SCALE	REVISION	REVIEW	DATE	SHEET NO
				S=1:100	ETIOPIA ROAD AUTHORITY THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA	DATE	DATE	DATE
				04.05.##	04.05.##	04.05.##	04.05.##	26

標準横断面図
(縮小タイプ2)

S = 1 : 100



DL=

曲線拡幅

Radius of Curve(m)	Curve Widening: Two Lanes(m)
>250	0.0
120-250	0.3+0.3=0.6
60-120	0.45+0.45=0.9
40-60	0.6+0.6=1.2
20-40	0.75+0.75=1.5

舗装構成(縮小タイプ2)

CBR	舗装構成	採用区間
5	標準 As 上層路盤 350 下層路盤 100 AS安定処理 As 上層路盤 250 下層路盤 100 ・0+800~1+000(L=200m) ・2+100~3+100(L=1,000m)	—
33	標準 As 上層路盤 250 AS安定処理 As 上層路盤 150 下層路盤 100 ・14+200~14+400(L=200m) ・17+000~19+000(L=2,000m)	—
7	標準 As 上層路盤 300 下層路盤 100 AS安定処理 As 上層路盤 200 下層路盤 100 ・20+400~22+100(L=1,700m)	—
15	標準 As 上層路盤 300 AS安定処理 As 上層路盤 200 下層路盤 100 ・34+200~34+600(L=400m)	—