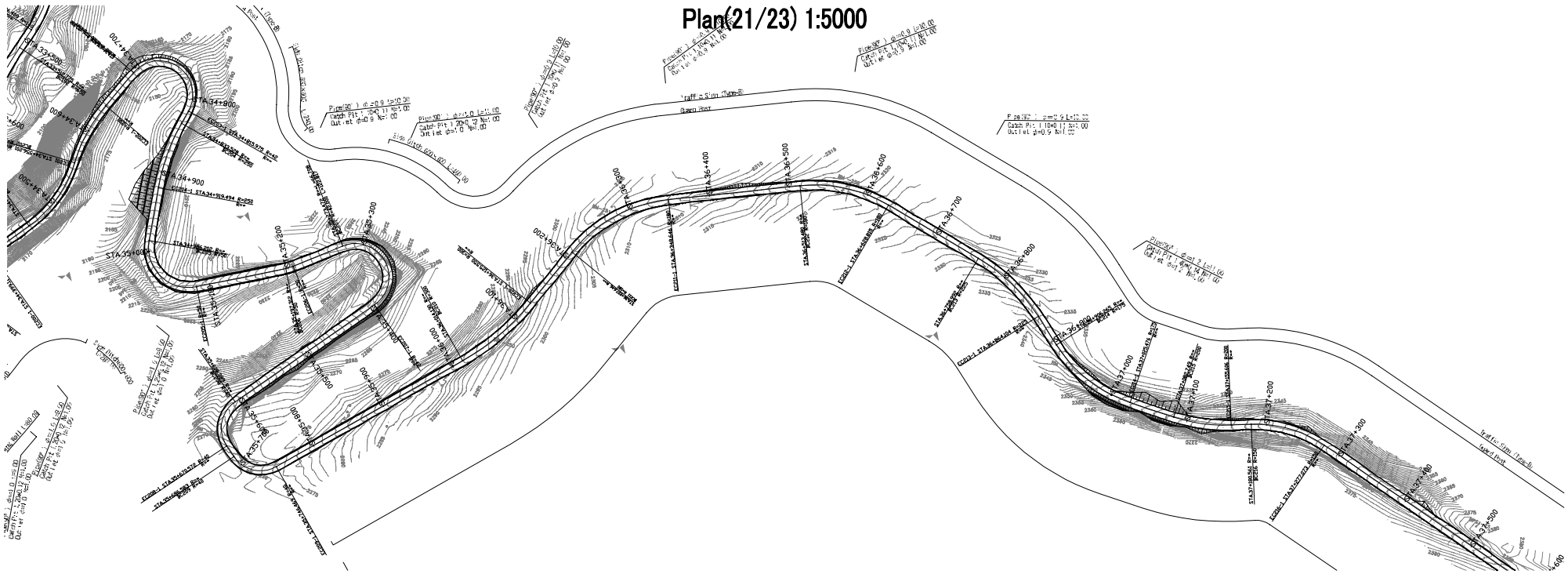
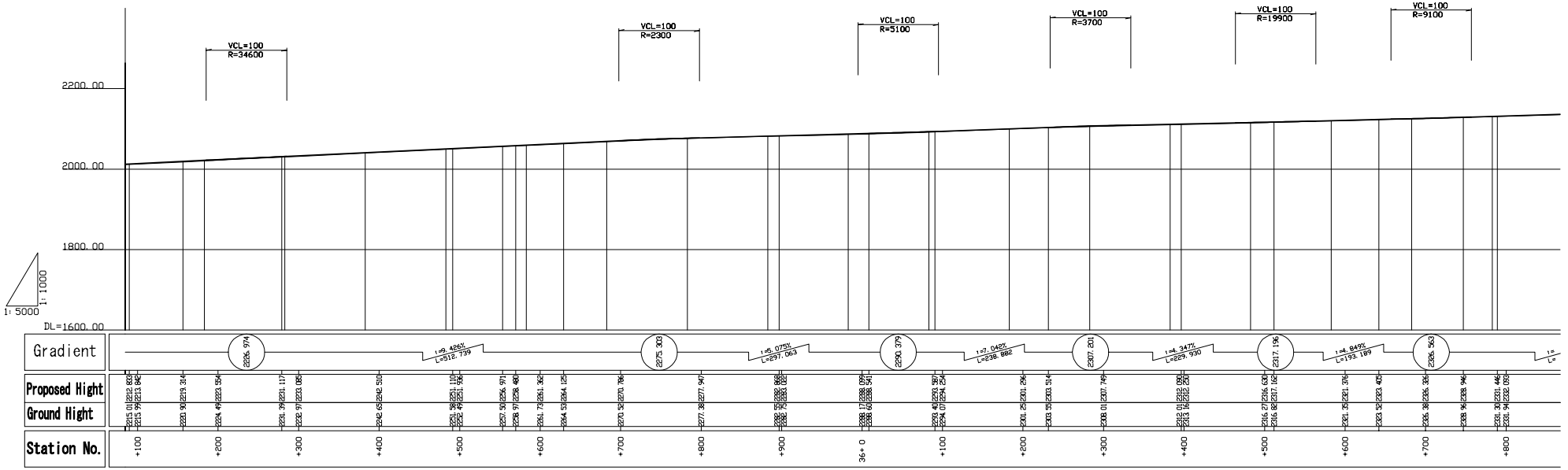
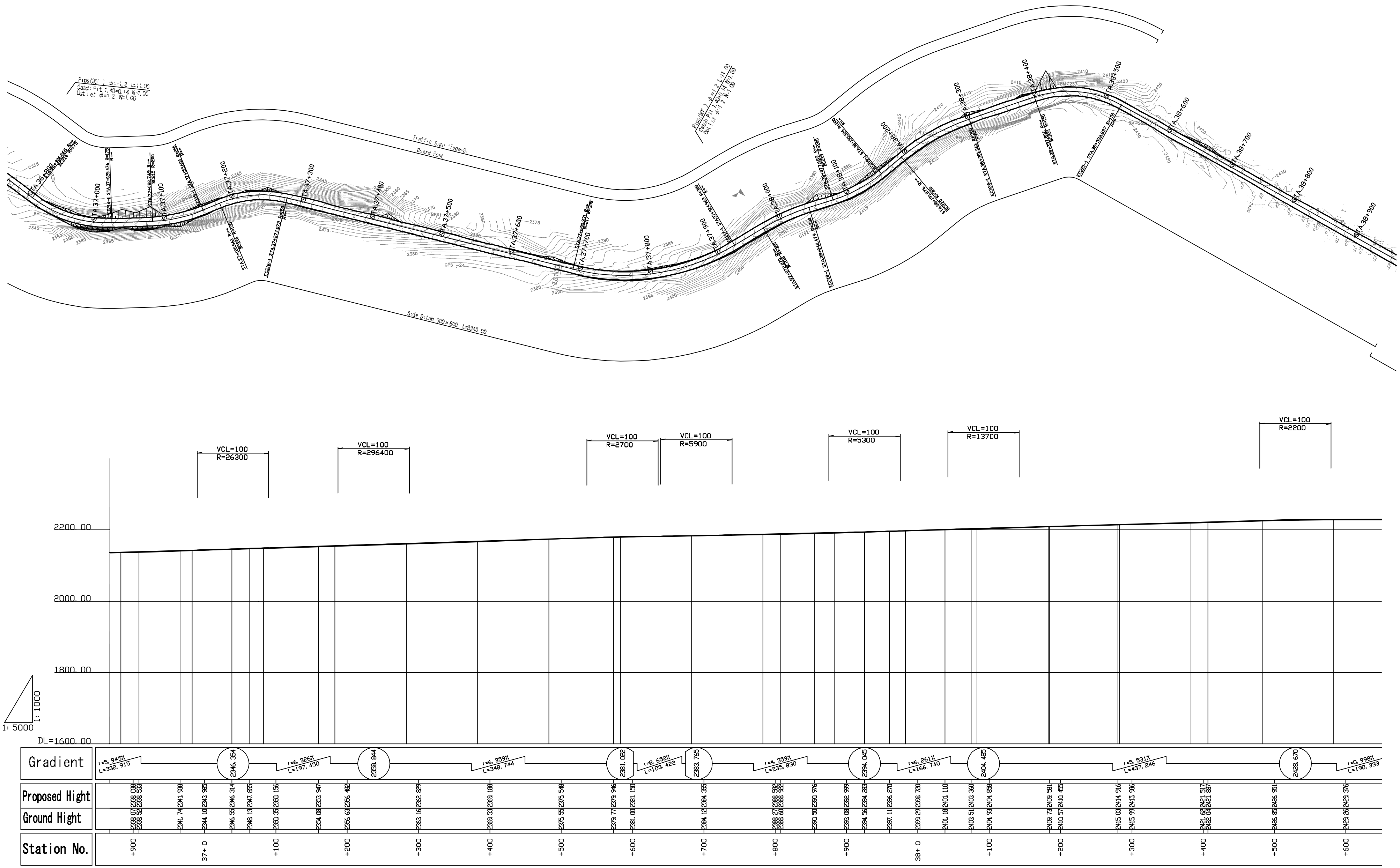
Plan(21/23) 1:5000





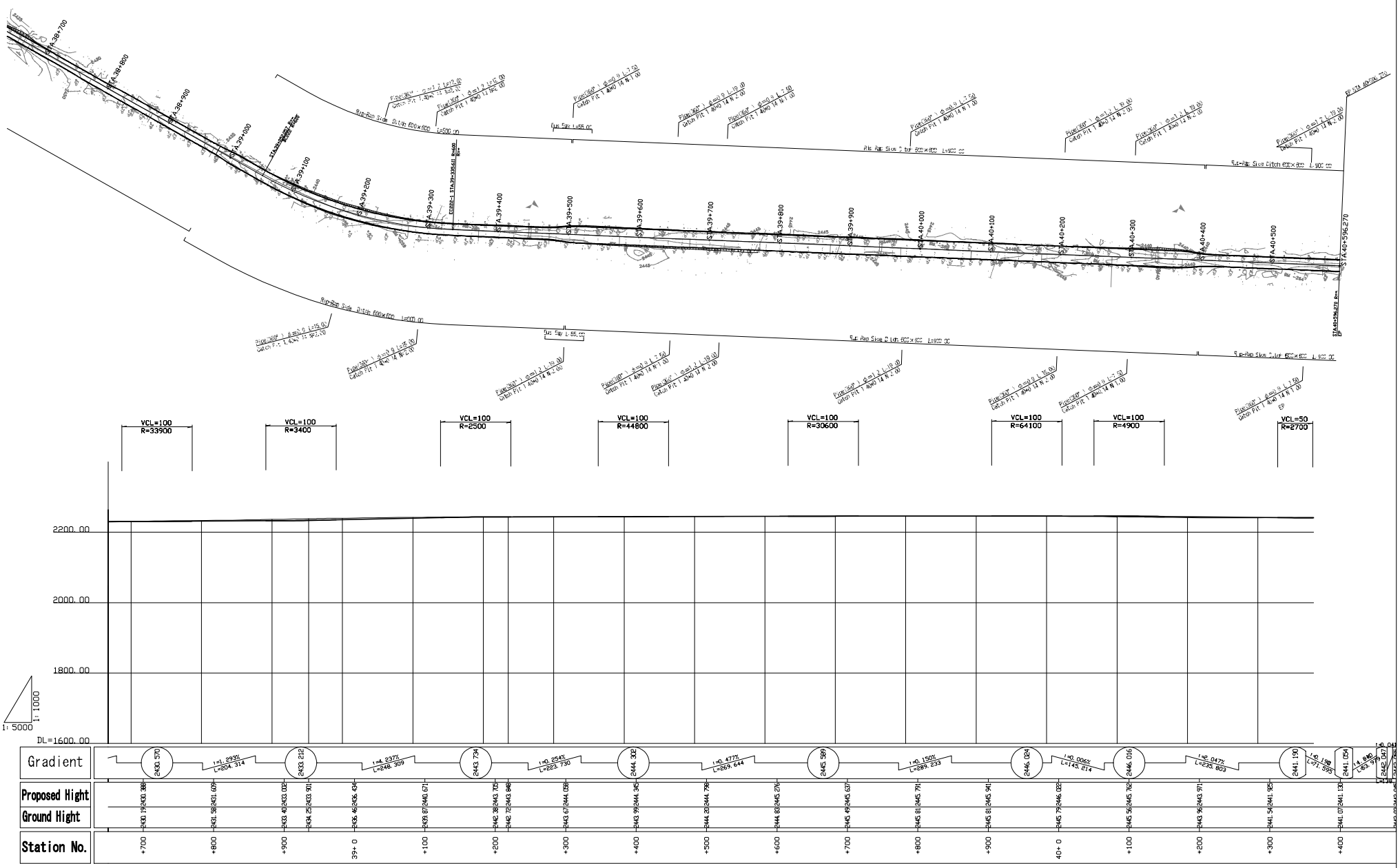
ETHIOPIA ROAD AUTHORITY THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA	THE PROJECT FOR REHABILITATION OF TRUNK ROAD PHASE III IN THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA	ORIENTAL CONSULTANTS CO.,LTD IN ASSOCIATION WITH JAPAN ENGINEERING CONSULTANTS CO.,LTD	Plan-Profile(21/23)	SCALE shown	ETHIOPIA ROAD AUTHORITY THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA	DESIGN DATE 04.05.##	ORIENTAL CONSULTANTS CO.,LTD IN ASSOCIATION WITH JAPAN ENGINEERING CONSULTANTS CO.,LTD	REVIEW DATE 04.05.##	DATE May 2004 / SHEET NO 21

Plan(22/23) 1:5000



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 shown	ETHIOPIA ROAD AUTHORITY THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA	DESIGN DATE 04.05.##	ORIENTAL CONSULTANTS CO.,LTD IN ASSOCIATION WITH JAPAN ENGINEERING CONSULTANTS CO.,LTD	REVIEW DATE 04.05.##	DATE May 2004	SHEET NO 22

Plan(23/23) 1:5000

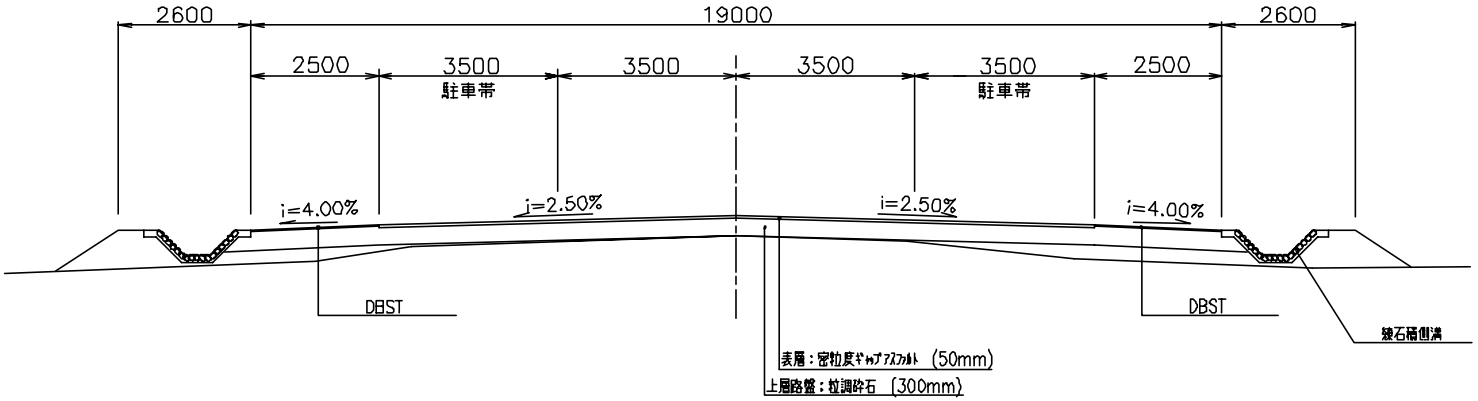


ETHIOPIA ROAD AUTHORITY THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA	THE PROJECT FOR REHABILITATION OF TRUNK ROAD PHASE III IN THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA	ORIENTAL CONSULTANTS CO.,LTD IN ASSOCIATION WITH JAPAN ENGINEERING CONSULTANTS CO.,LTD	Plan-Profile(23/23)	SCALE shown	ETHIOPIA ROAD AUTHORITY THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA	DESIGN DATE 04.05.##	ORIENTAL CONSULTANTS CO.,LTD IN ASSOCIATION WITH JAPAN ENGINEERING CONSULTANTS CO.,LTD	REVIEW DATE 04.05.##	DATE May 2004 / SHEET NO 23

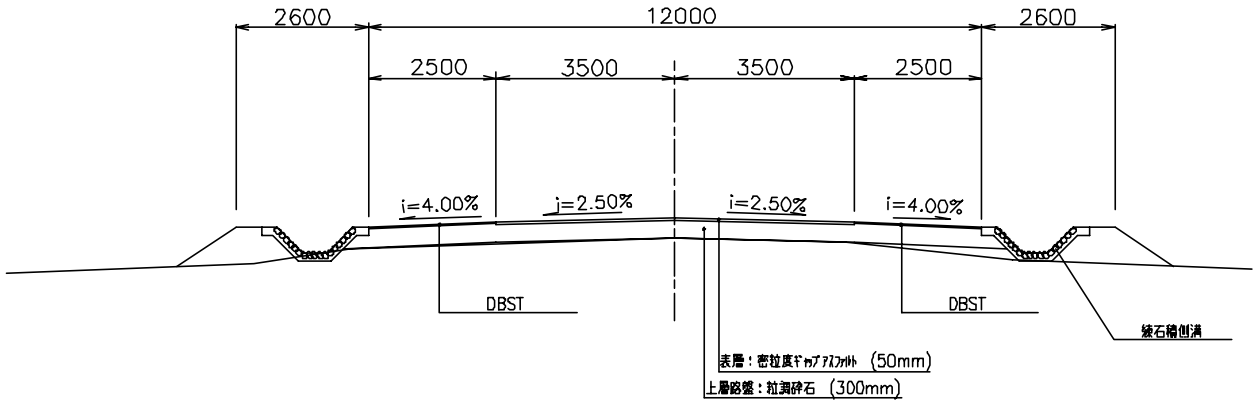
標準横断図

S＝1：100

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

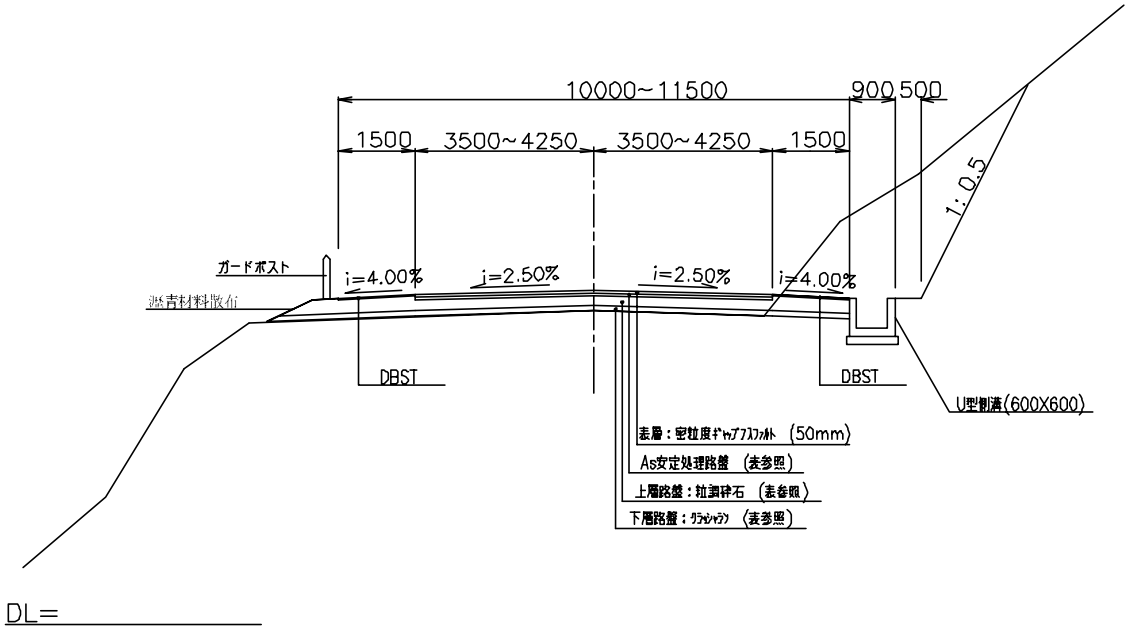


(Dejen Town：中心部以外)
(No.39+000~No.39+500)
(No.40+400~No.41+300)



ETHIOPIA ROAD AUTHORITY THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA	THE PROJECT FOR REHABILITATION OF TRUNK ROAD PHASE III IN THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA	ORIENTAL CONSULTANTS CO.,LTD IN ASSOCIATION WITH JAPAN ENGINEERING CONSULTANTS CO.,LTD	Typical CrossSection(4/4)	SCALE S=1:100	ETHIOPIA ROAD AUTHORITY THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA	DESIGN DATE 04.05.##	ORIENTAL CONSULTANTS CO.,LTD IN ASSOCIATION WITH JAPAN ENGINEERING CONSULTANTS CO.,LTD	REVIEW DATE 04.05.##	DATE May 2004	SHEET NO 24

標準横断図 (標準タイプ)　S=1:100



舗装構成（標準幅員タイプ）

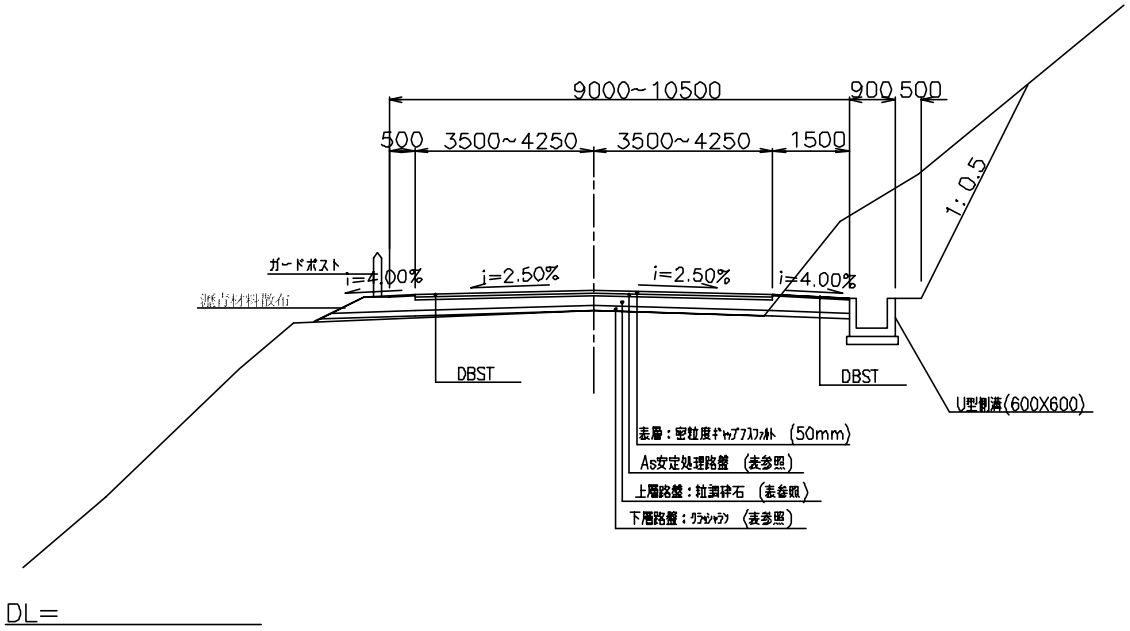
CBR	舗装構成	採用区間
5	標準 As 50 上層路盤 350 下層路盤 100	・1+250~2+050(L=800m) ・4+300~4+800(L=500m) ・6+900~7+400(L=500m) ・8+000~9+700(L=1,700m)
	As安定処理 As 50 As安定処理層 50 上層路盤 250 下層路盤 100	・0+000~0+800(L=800m)　・4+800~6+900(L=2,100m) ・1+000~1+250(L=250m)　・7+400~8+000(L=600m) ・2+050~2+100(L=50m)　・9+700~11+000(L=1,300m) ・3+100~4+300(L=1,200m)
33	標準 As 50 上層路盤 250	—
	As安定処理 As 50 As安定処理層 50 上層路盤 150	・11+000~11+700(L=700m)　・16+200~17+000(L=800m) ・12+200~13+000(L=800m) ・13+600~14+200(L=600m) ・14+400~15+800(L=1,400m)
7	標準 As 50 上層路盤 300 下層路盤 100	・22+500~23+000(L=500m)
	As安定処理 As 50 As安定処理層 50 上層路盤 200 下層路盤 100	・22+100~22+500(L=400m) ・23+000~26+000(L=3,000m)
15	標準 As 50 上層路盤 300	・29+000~30+450(L=1,450m) ・30+950~32+900(L=1,950m) ・35+900~39+000(L=3,100m)
	As安定処理 As 50 As安定処理層 50 上層路盤 200	・26+000~29+000(L=3,000m) ・30+450~30+950(L=500m) ・32+900~34+200(L=1,300m) ・34+600~35+900(L=1,300m)

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

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(1/4)	SCALE S=1:100	ETHIOPIA ROAD AUTHORITY THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA	DESIGN DATE 04.05.##	ORIENTAL CONSULTANTS CO.,LTD IN ASSOCIATION WITH JAPAN ENGINEERING CONSULTANTS CO.,LTD	REVIEW DATE 04.05.##	DATE May 2004	SHEET NO 25

標準横断図 (縮小タイプ1)　S=1:100



舗装構成（縮小タイプ1）

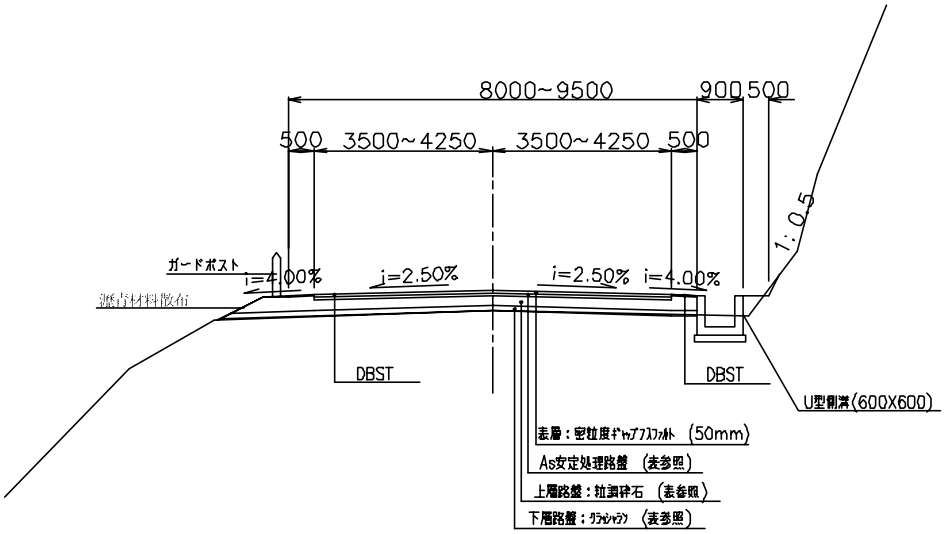
CBR	舗装構成	採用区間
5	標準 As 50 上層路盤 350 下層路盤 100	—
	As安定処理 As 50 As安定処理層 50 上層路盤 250 下層路盤 100	—
33	標準 As 50 上層路盤 250	—
	As安定処理 As 50 As安定処理層 50 上層路盤 150	・11+700~12+200(L=500m) ・13+000~13+600(L=600m) ・15+800~16+200(L=400m) ・19+000~19+700(L=700m)
7	標準 As 50 上層路盤 300 下層路盤 100	—
	As安定処理 As 50 As安定処理層 50 上層路盤 200 下層路盤 100	・20+000~20+400(L=400m)
15	標準 As 50 上層路盤 300	—
	As安定処理 As 50 As安定処理層 50 上層路盤 200	—

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

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 S=1:100	ETHIOPIA ROAD AUTHORITY THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA	DESIGN DATE 04.05.##	ORIENTAL CONSULTANTS CO.,LTD IN ASSOCIATION WITH JAPAN ENGINEERING CONSULTANTS CO.,LTD	REVIEW DATE 04.05.##	DATE May 2004	SHEET NO 26

標準横断図 (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 50 上層路盤 350 下層路盤 100	—
	As安定処理 As 50 As安定処理 50 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 50 上層路盤 250	—
	As安定処理 As 50 As安定処理 50 上層路盤 150	・14+200~14+400(L=200m) ・17+000~19+000(L=2,000m)
7	標準 As 50 上層路盤 300 下層路盤 100	—
	As安定処理 As 50 As安定処理 50 上層路盤 200 下層路盤 100	・20+400~22+100(L=1,700m)
15	標準 As 50 上層路盤 300	—
	As安定処理 As 50 As安定処理 50 上層路盤 200	・34+200~34+600(L=400m)

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(3/4)	SCALE S=1:100	ETHIOPIA ROAD AUTHORITY THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA	DESIGN DATE 04.05.##	ORIENTAL CONSULTANTS CO.,LTD IN ASSOCIATION WITH JAPAN ENGINEERING CONSULTANTS CO.,LTD	REVIEW DATE 04.05.##	DATE May 2004	SHEET NO 27