



REPUBLIC OF KENYA
MINISTRY OF PUBLIC WORKS

THE NAIROBI BYPASS PROJECT
DETAILED DESIGN STUDY
FINAL REPORT
CROSS SECTION (MAIN ROAD)
(DRAWINGS)

SEPTEMBER 1992

JAPAN INTERNATIONAL COOPERATION AGENCY

S. S. P.
C. R. (3)
92-074

JICA LIBRARY



1104289(2)

24905



REPUBLIC OF KENYA
MINISTRY OF PUBLIC WORKS

THE NAIROBI BYPASS PROJECT
DETAILED DESIGN STUDY
FINAL REPORT

CROSS SECTION (MAIN ROAD)
(DRAWINGS)

28805

SEPTEMBER 1992

JAPAN INTERNATIONAL COOPERATION AGENCY

CONTENTS

1 MAIN ROAD

MOMBASA J, C	~ UHURU MONUMENT J, C	0~ 8+700	.....	1 ~ 44
UHURU MONUMENT J, C	~ NGONG ROAD J, C	15+500	.....	45 ~ 105
NGONG ROAD J, C	~ DAGORETTI FOREST J, C	20+920	.....	106 ~ 141
DAGORETTI FOREST J, C	~ THOGOTO J, C	23+180	.....	142 ~ 158
THOGOTO J, C	~ KIKUYU TOWN J, C	26+800	.....	159 ~ 184
KIKUYU TOWN J, C	~ KIKUYU J, C	END	.....	185 ~ 196

2 MOMBASA J, C	1 ~ 19
----------------	-------	--------

3 UHURU MONUMENT J, C	20 ~ 28
-----------------------	-------	---------

4 NGONG ROAD J, C	29 ~ 38
-------------------	-------	---------

5 DAGORETTI FOREST J, C	39 ~ 46
-------------------------	-------	---------

6 THOGOTO J, C	47 ~ 53
----------------	-------	---------

7 KIKUYU TOWN J, C	54 ~ 74
--------------------	-------	---------

8 KIKUYU J, C	75 ~ 82
---------------	-------	---------

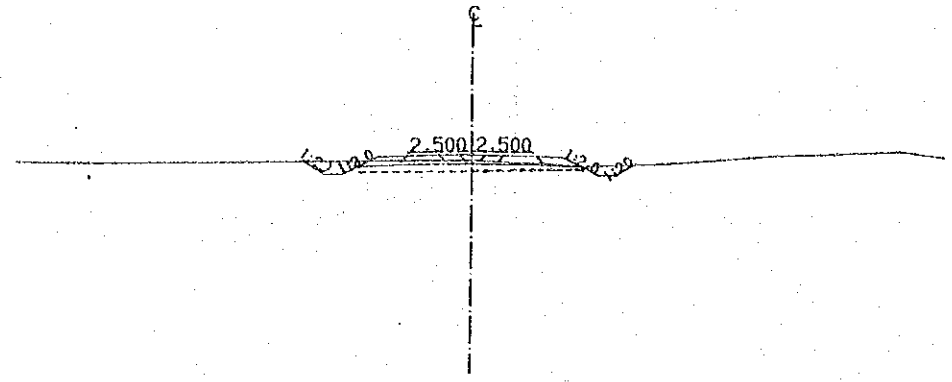
SURVEYED BY	TRACED BY
AERIAL PHOTO BY	CHECKED BY
MAPPING BY	
LOCATION BY	

MOPW, ROADS DEPT DRG NO

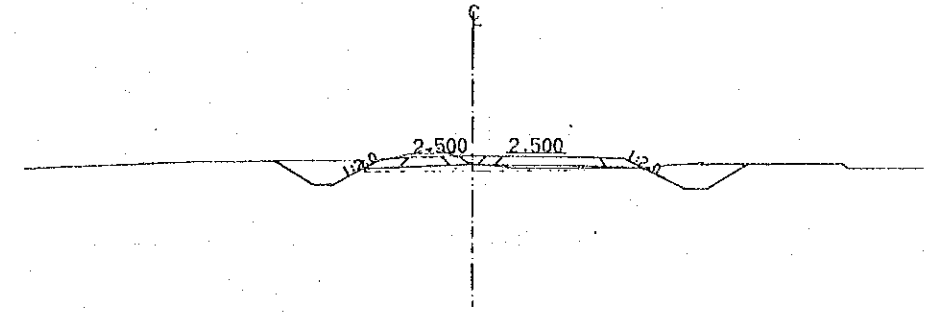
The formations shown in this cross-sectional view are inferred from the boring survey results and accuracy is not guaranteed.

REVISIONS							
DESCRIPTION	DATE						
		JAPAN INTERNATIONAL COOPERATION AGENCY	CHIEF ENGINEER (ROADS)	SEN. SUPT. ENG. (DESIGN)	SCALES		NAIROBI BYPASS
			CHIEF SUPT. ENG. (DESIGN)	SUPT. ENGINEER (DESIGN)			SHEET OF
				PROJECT ENGINEER			

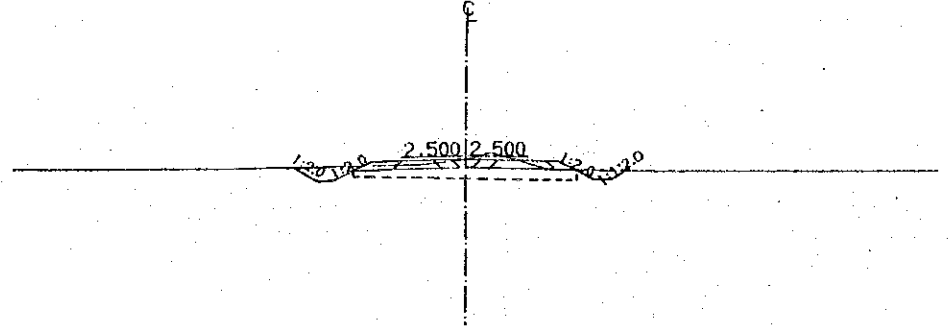
CH. 0+0
 PI=1645.600
 GI=1645.30



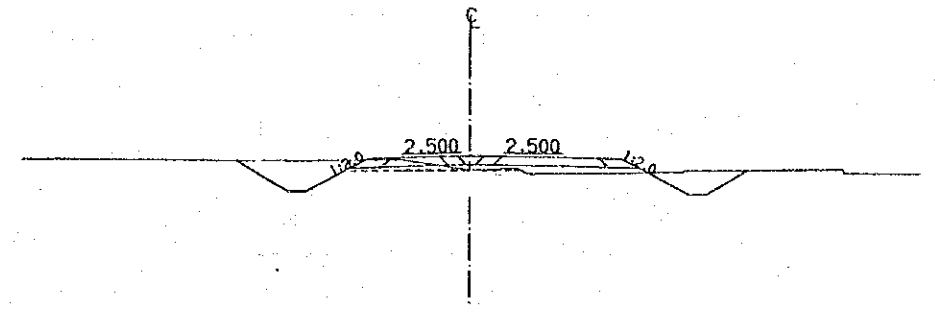
CH. 0+80
 PI=1646.752
 GI=1646.29



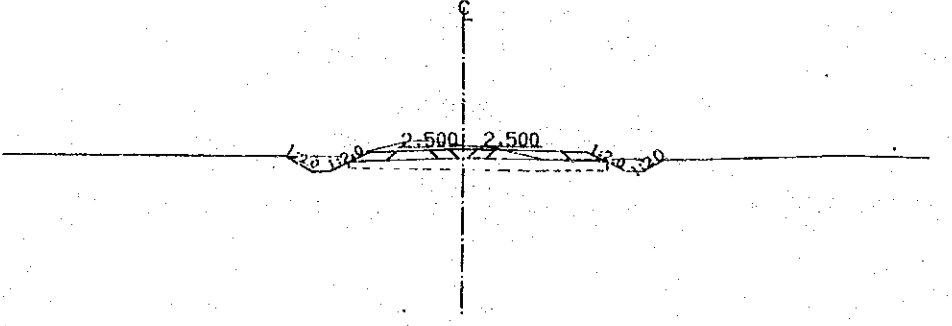
CH. 0+20
 PI=1645.792
 GI=1645.76



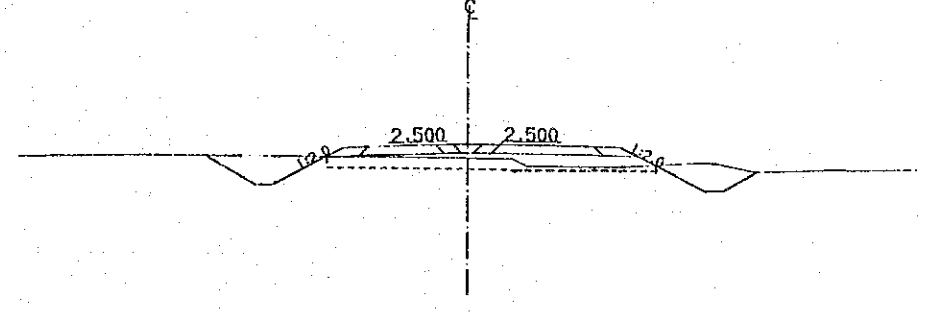
CH. 0+100
 PI=1647.200
 GI=1646.40



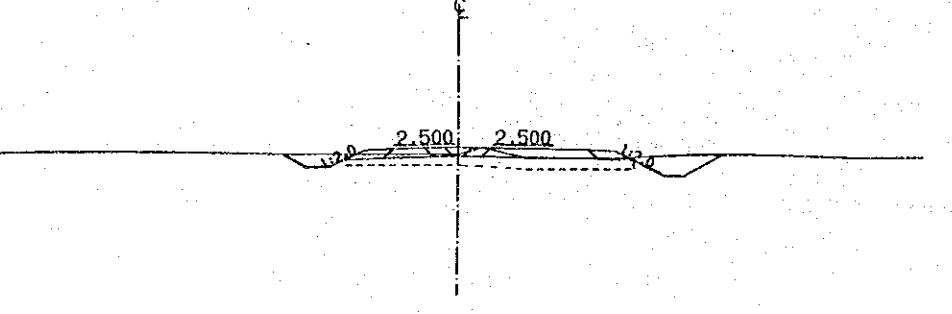
CH. 0+40
 PI=1646.048
 GI=1646.26



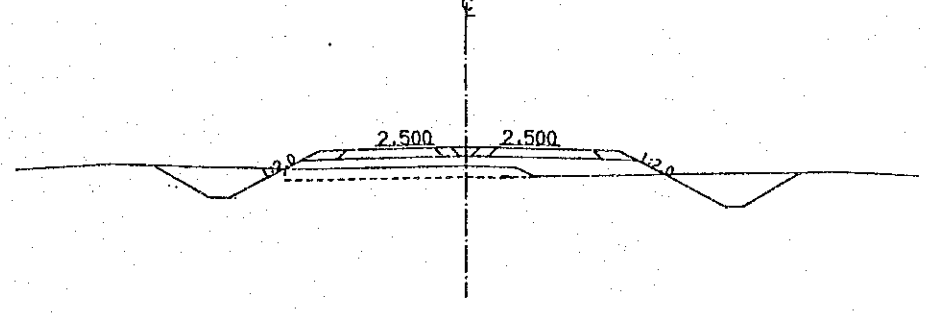
CH. 0+120
 PI=1647.712
 GI=1646.93



CH. 0+60
 PI=1646.368
 GI=1645.99



CH. 0+140
 PI=1648.288
 GI=1647.26

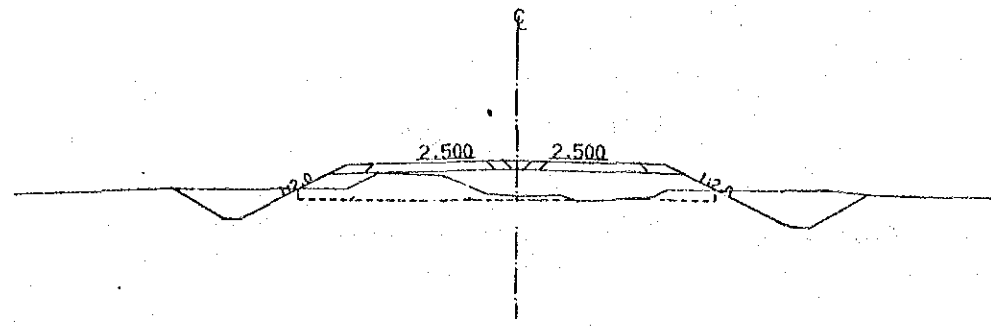


AERIAL PHOTO BY	SURVEYED BY
MAPPING BY	TRACED BY
LOCATION BY	CHECKED BY

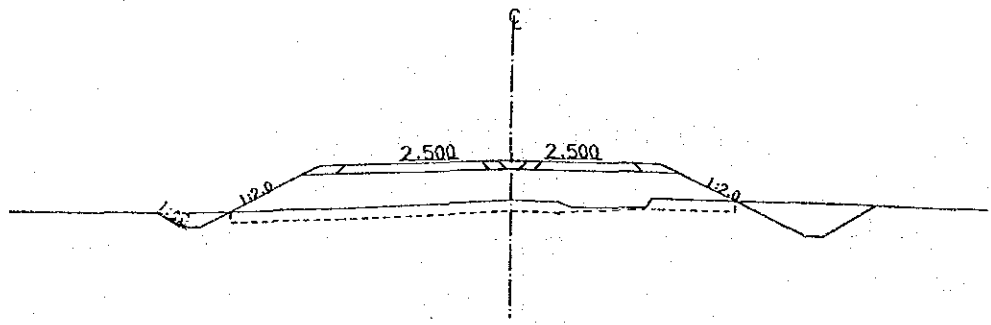
M.O.P.W. ROADS DEPT DRG NO

REVISIONS		JAPAN INTERNATIONAL COOPERATION AGENCY	CHIEF ENGINEER (ROADS) CHIEF SUPT. ENG (DESIGN)	SEN. SUPT. ENG. (DESIGN) SUPT. ENGINEER (DESIGN) PROJECT ENGINEER	SCALES 1 : 200	NAIROBI BYPASS CROSS SECTION	SHEET 1 OF 196
DESCRIPTION	DATE						

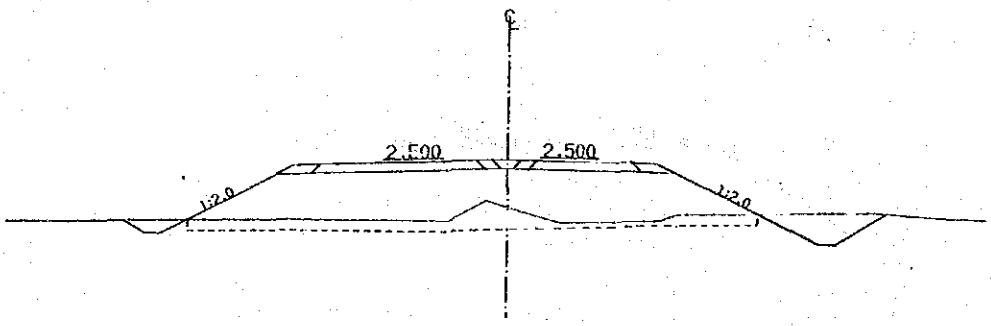
CH. 0+160
 PI=1648.928
 G=1646.93



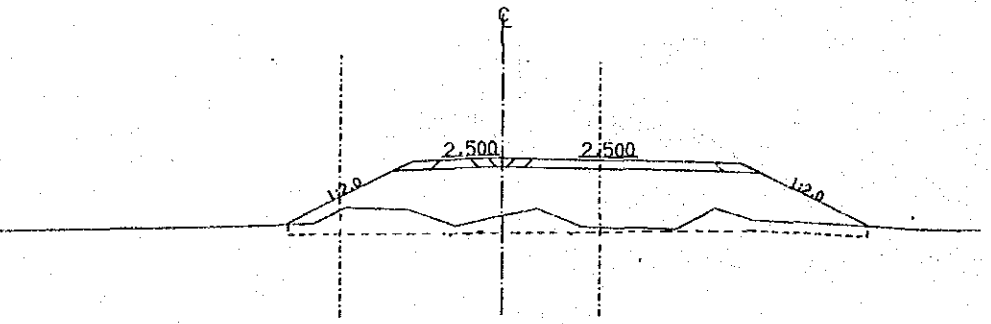
CH. 0+180
 PI=1649.632
 G=1647.41



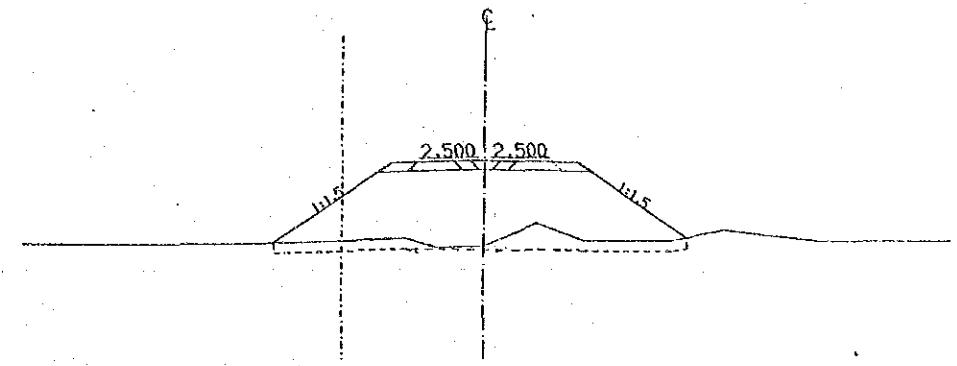
CH. 0+200
 PI=1650.400
 G=1647.72



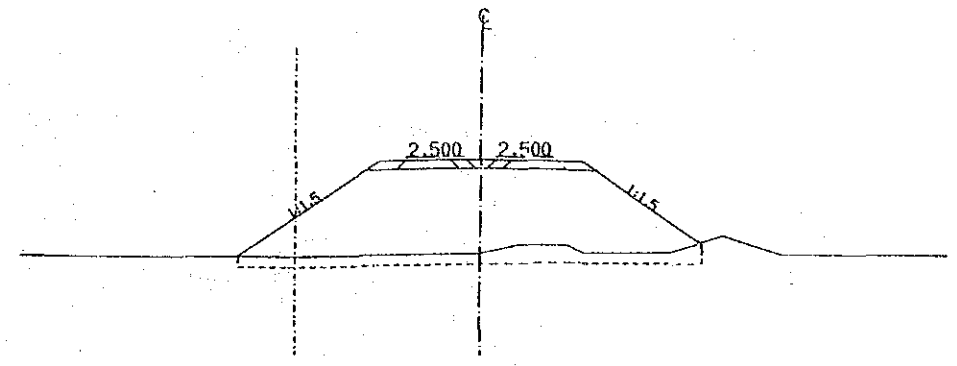
CH. 0+220
 PI=1651.200
 G=1647.98



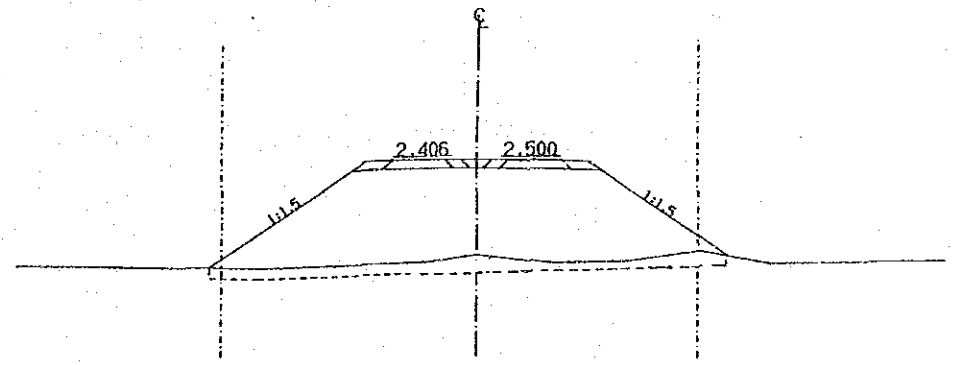
CH. 0+240
 PI=1652.000
 G=1647.21



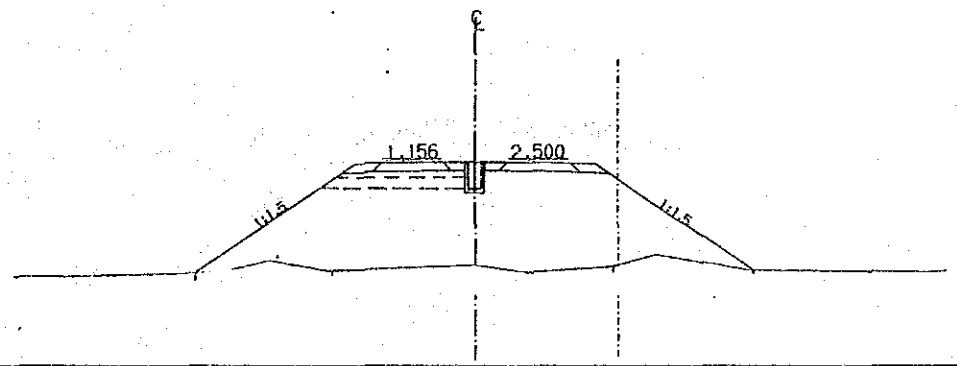
CH. 0+260
 PI=1652.790
 G=1647.52



CH. 0+280
 PI=1653.511
 G=1648.18



CH. 0+300
 PI=1654.153
 G=1648.37



AERIAL PHOTO BY	SURVEYED BY
MAPPING BY	TRACED BY
LOCATION BY	CHECKED BY

MOPW ROADS DEPT DRG NO.

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL
 COOPERATION AGENCY

CHIEF ENGINEER (ROADS)
 CHIEF SUPT. ENG. (DESIGN)

SEN. SUPT. ENG. (DESIGN)
 SUPT. ENGINEER (DESIGN)
 PROJECT ENGINEER

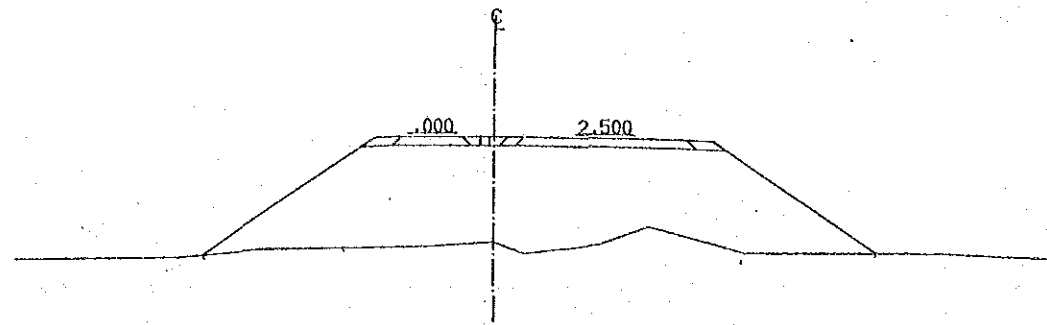
SCALES
 1 : 200

NAIROBI BYPASS
 CROSS SECTION

SHEET 2 OF 196

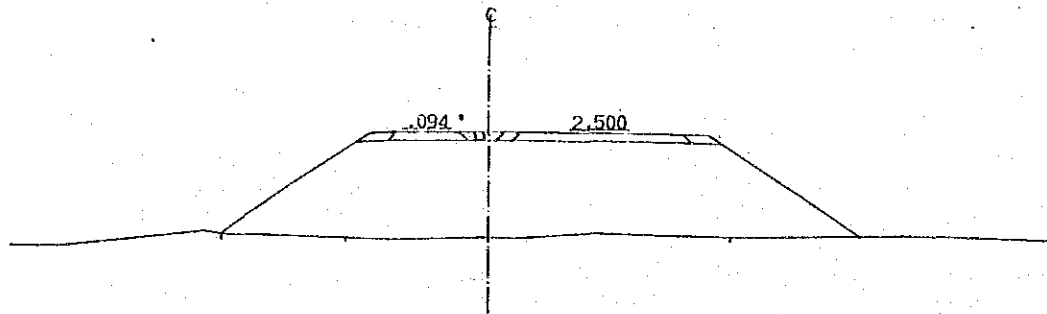
CH. 0+318.500

PI=1654.677
G=1648.84



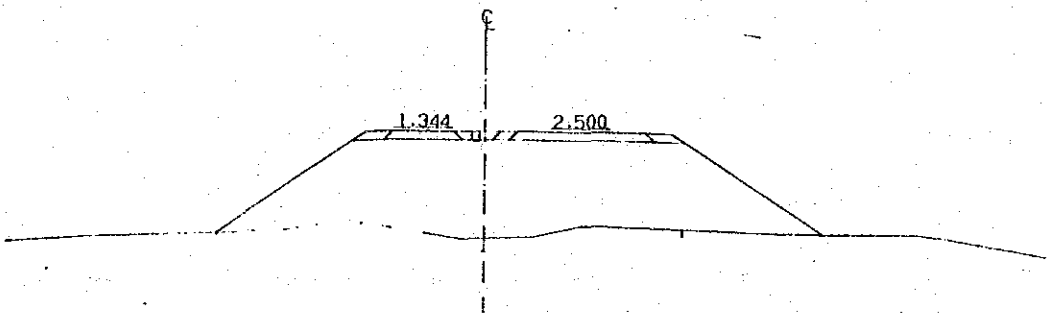
CH. 0+320

PI=1654.717
G=1648.71



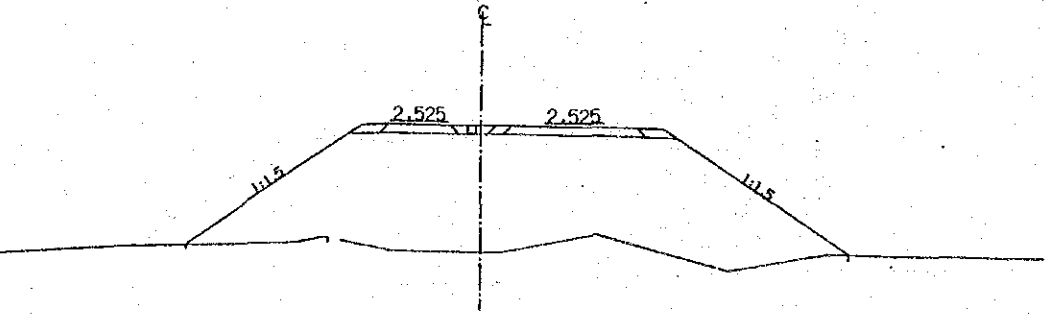
CH. 0+340

PI=1655.201
G=1649.16



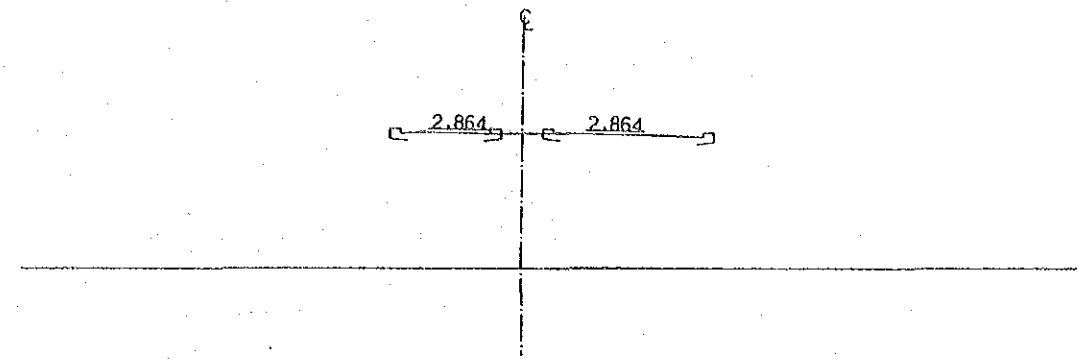
CH. 0+360

PI=1655.607
G=1648.55



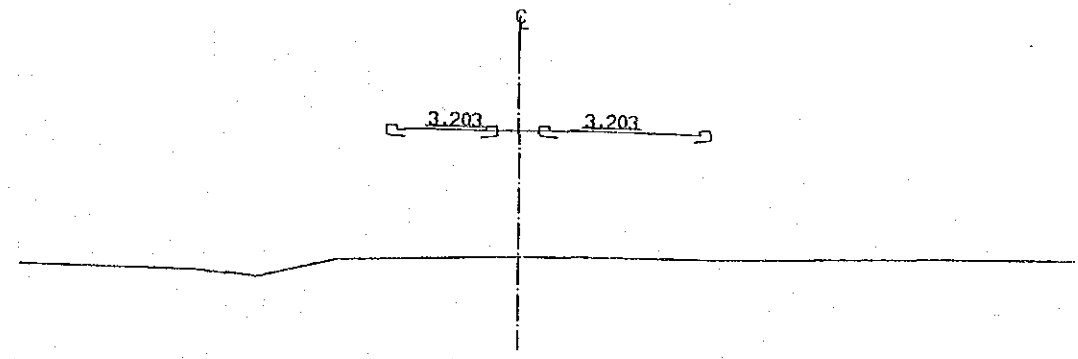
CH. 0+380

PI=1655.933
G=1648.46



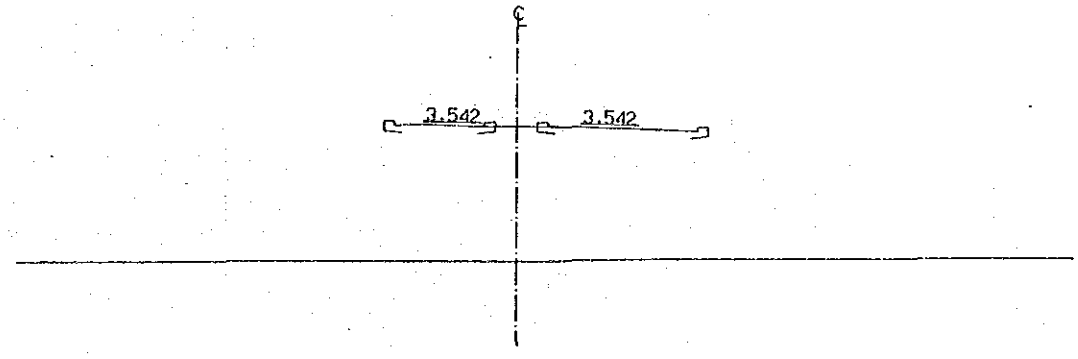
CH. 0+400

PI=1656.181
G=1649.01



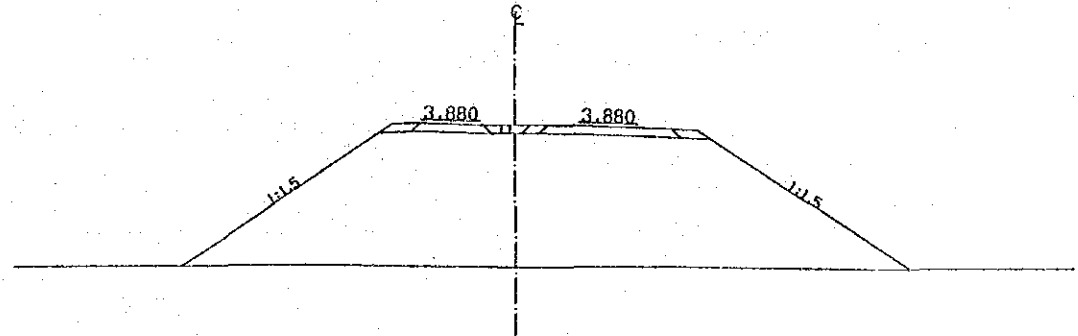
CH. 0+420

PI=1656.350
G=1648.73



CH. 0+440

PI=1656.440
G=1648.50



AERIAL PHOTO BY _____ SURVEYED BY _____
 MAPPING BY _____ TRACED BY _____
 LOCATION BY _____ CHECKED BY _____

M.O.P.W. ROADS DEPT. DRG. NO. _____

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL
COOPERATION AGENCY

CHIEF ENGINEER (ROADS)
CHIEF SUPT. ENG. (DESIGN)

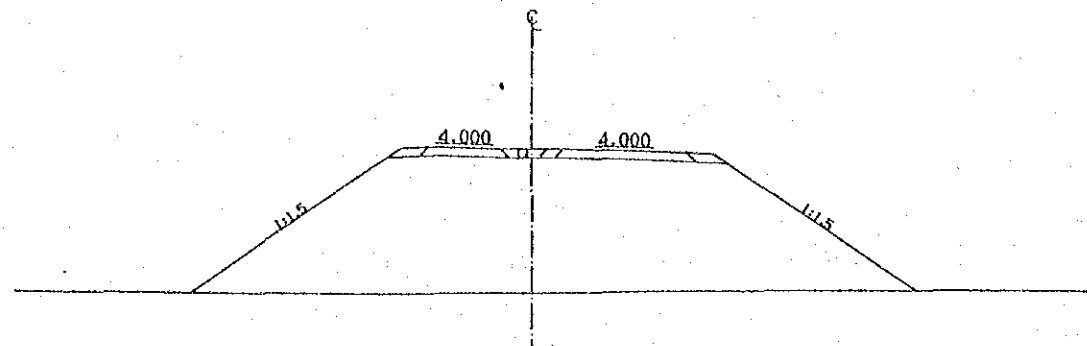
SEN. SUPT. ENG. (DESIGN)
SUPT. ENGINEER (DESIGN)
PROJECT ENGINEER

SCALES
1 : 200

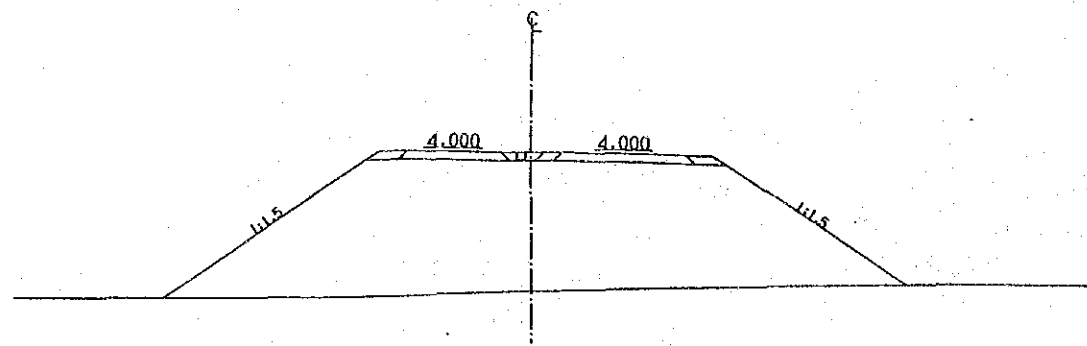
NAIROBI BYPASS
CROSS SECTION

SHEET 3 OF 196

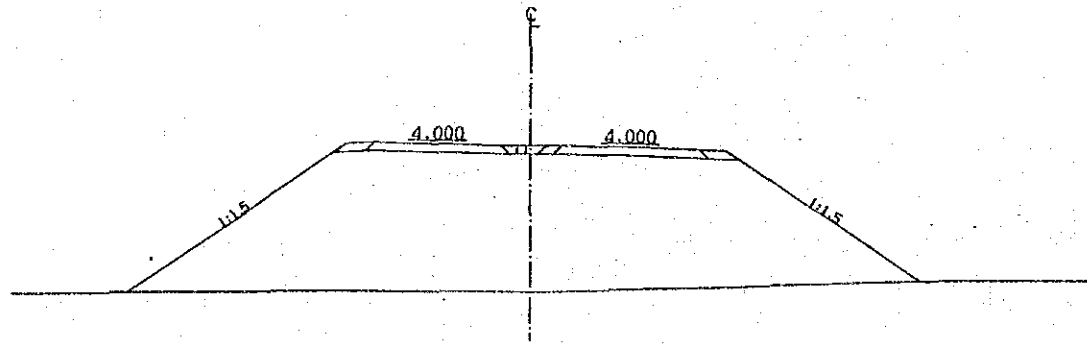
CH. 0+447.072
 PI=1656.453
 GI=1648.46



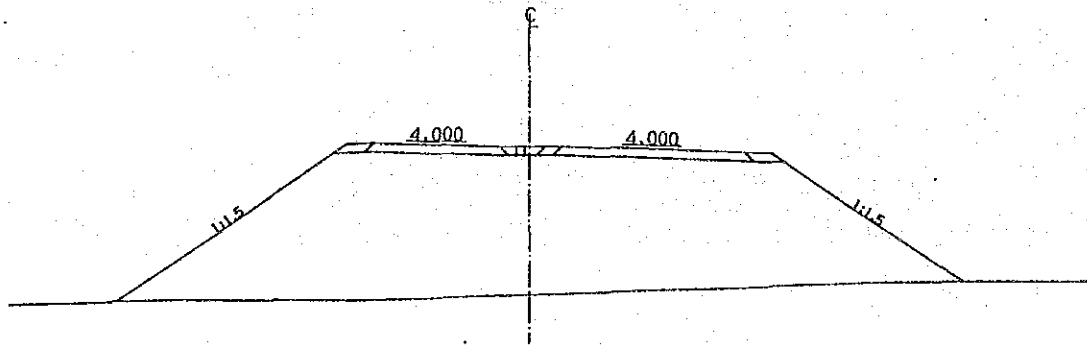
CH. 0+460
 PI=1656.451
 GI=1648.63



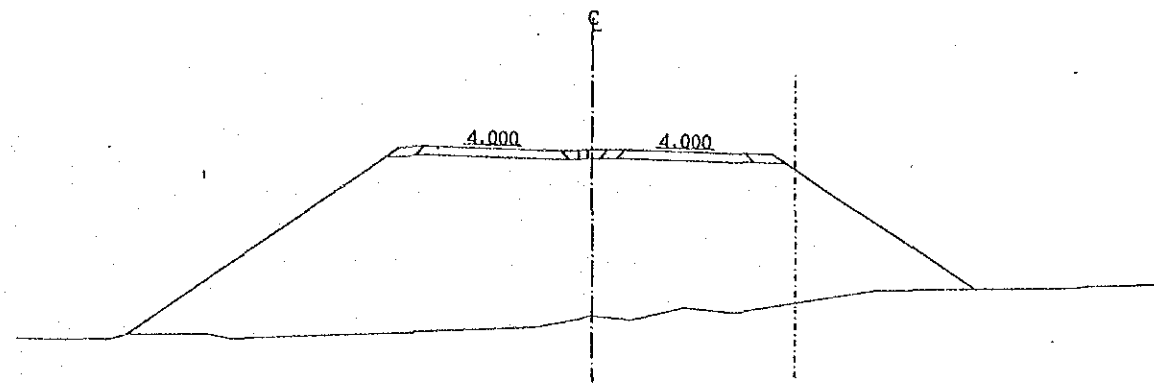
CH. 0+480
 PI=1656.383
 GI=1648.19



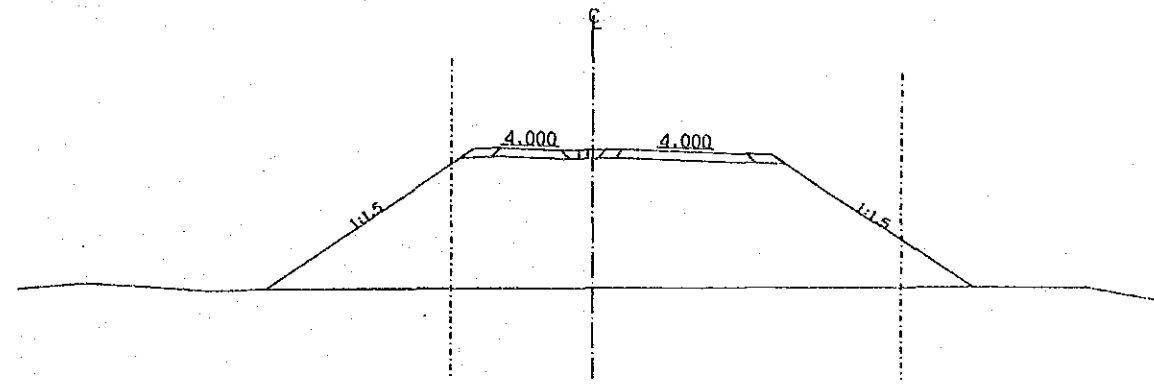
CH. 0+500
 PI=1656.236
 GI=1648.01



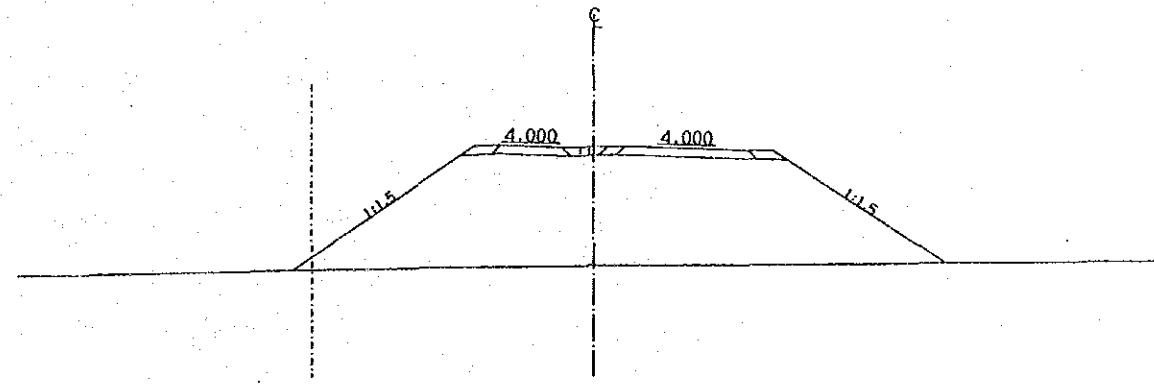
CH. 0+520
 PI=1656.011
 GI=1646.80



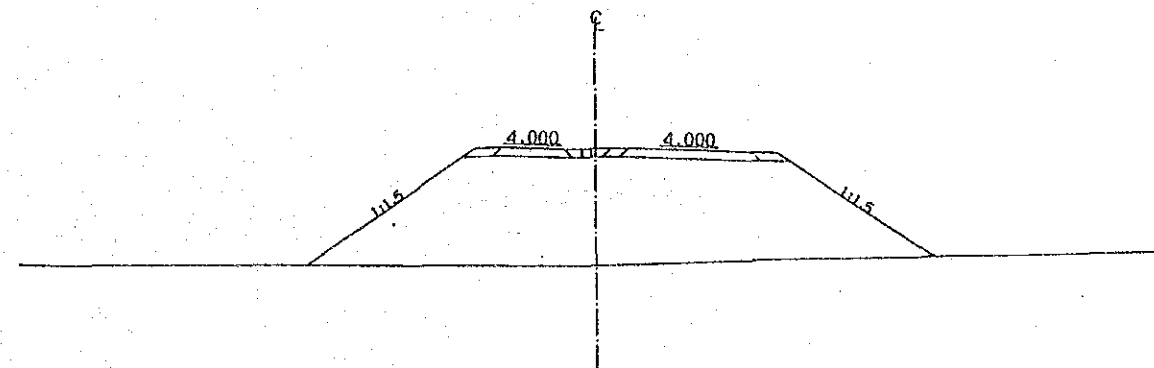
CH. 0+540
 PI=1655.706
 GI=1647.93



CH. 0+560
 PI=1655.323
 GI=1648.65



CH. 0+580
 PI=1654.861
 GI=1648.35



AERIAL PHOTO BY	SURVEYED BY
MAPPING BY	TRACED BY
LOCATION BY	CHECKED BY

M.O.P.W. ROADS DEPT DRG NO.

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL
 COOPERATION AGENCY

CHIEF ENGINEER (ROADS)
 CHIEF SUPT. ENG. (DESIGN)

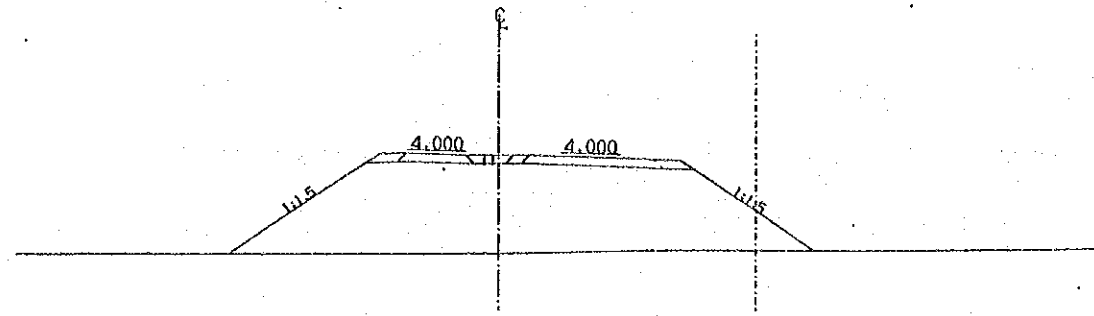
SEN. SUPT. ENG. (DESIGN)
 SUPT. ENGINEER (DESIGN)
 PROJECT ENGINEER

SCALES
 1 : 200

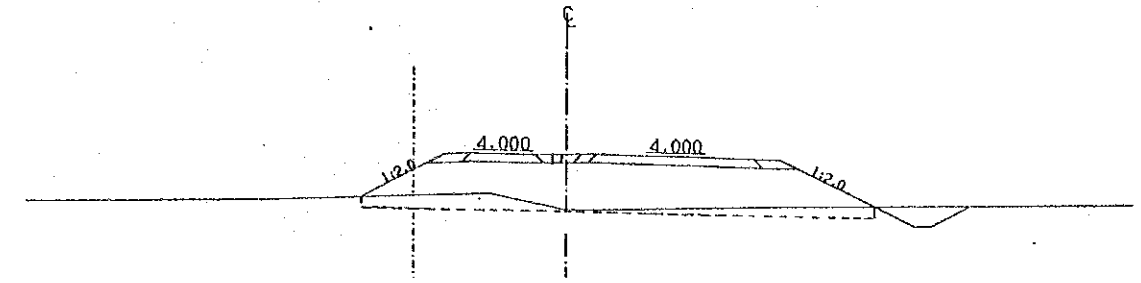
NAIROBI BYPASS
 CROSS SECTION

SHEET 4 OF 196

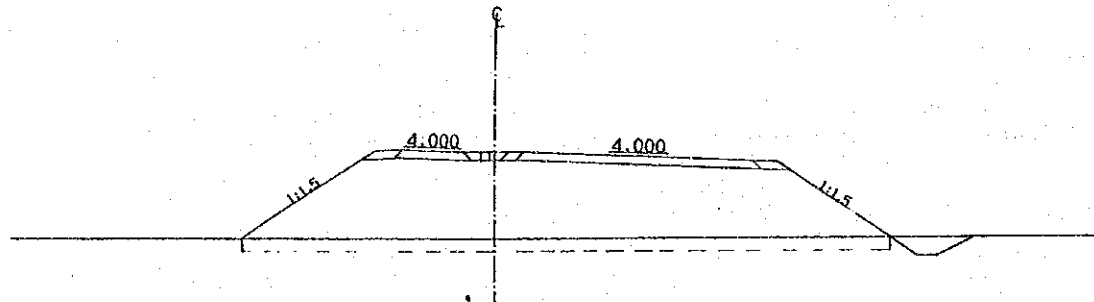
CH. 0+600
 PH=1654.329
 G=1648.83



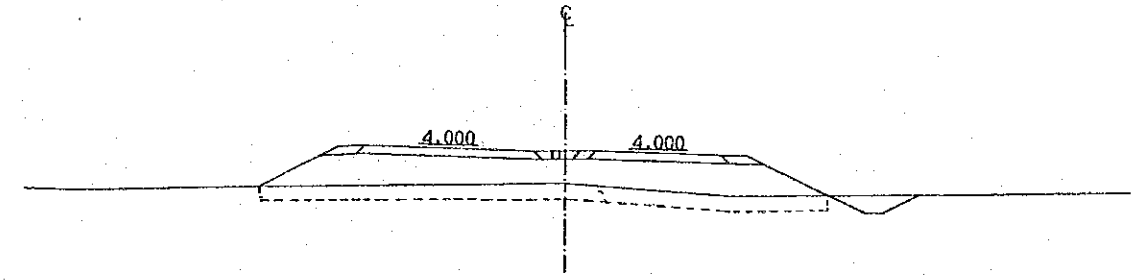
CH. 0+680
 PH=1652.214
 G=1649.09



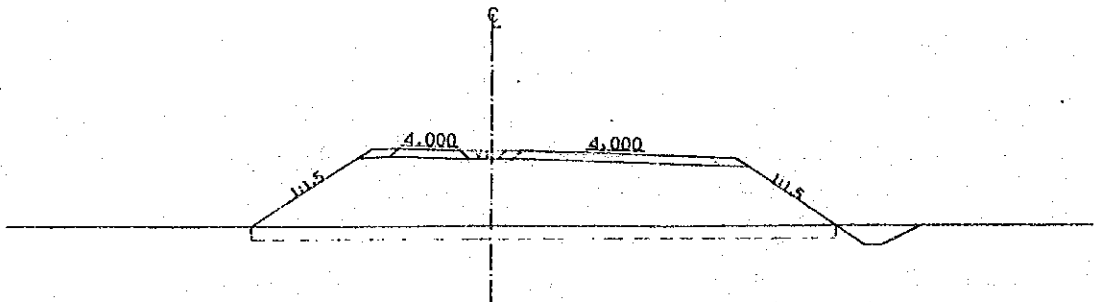
CH. 0+620
 PH=1653.788
 G=1648.86



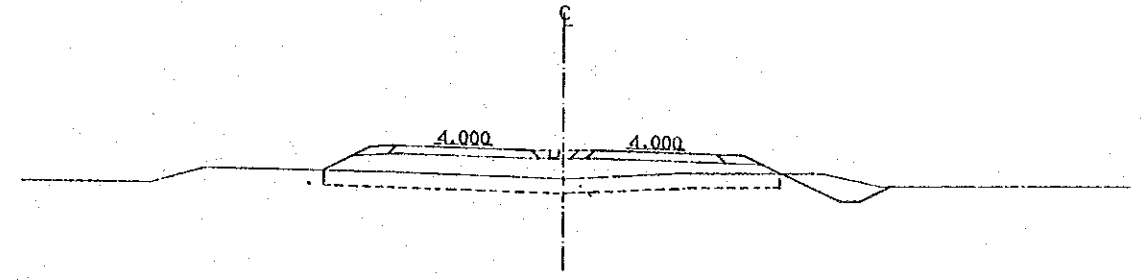
CH. 0+700
 PH=1651.783
 G=1649.94



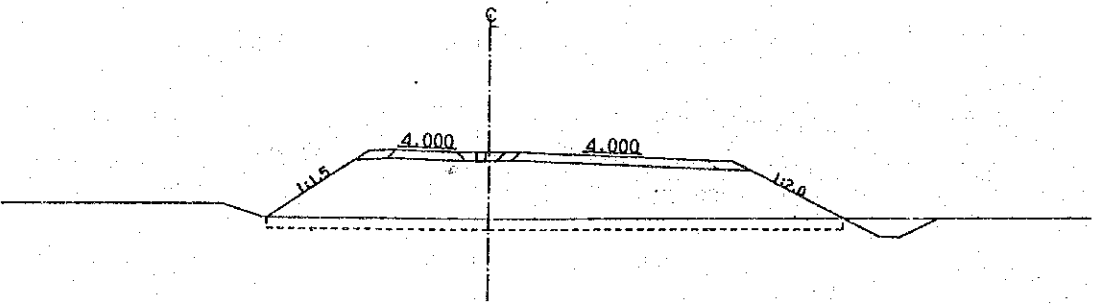
CH. 0+640
 PH=1653.247
 G=1648.94



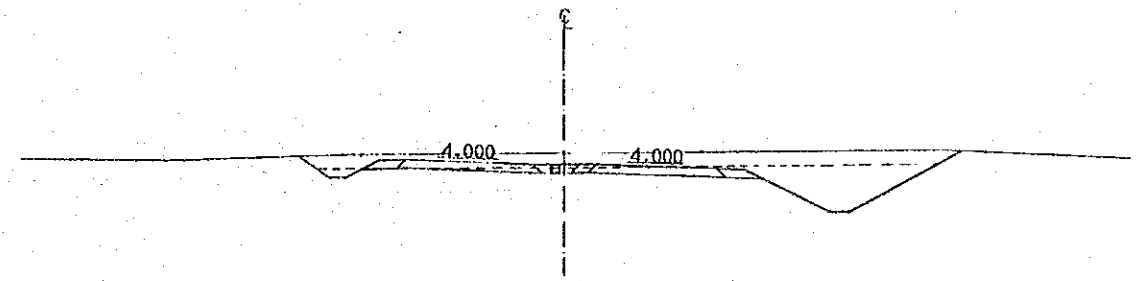
CH. 0+720
 PH=1651.415
 G=1649.76



CH. 0+660
 PH=1652.708
 G=1648.97



CH. 0+740
 PH=1651.111
 G=1651.74



SURVEYED BY
 MAPPING BY
 LOCATION BY
 TRACED BY
 CHECKED BY

M.O.P.W. ROADS DEPT. DRG. NO.

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL
 COOPERATION AGENCY

CHIEF ENGINEER (ROADS)
 CHIEF SUPT. ENG. (DESIGN)

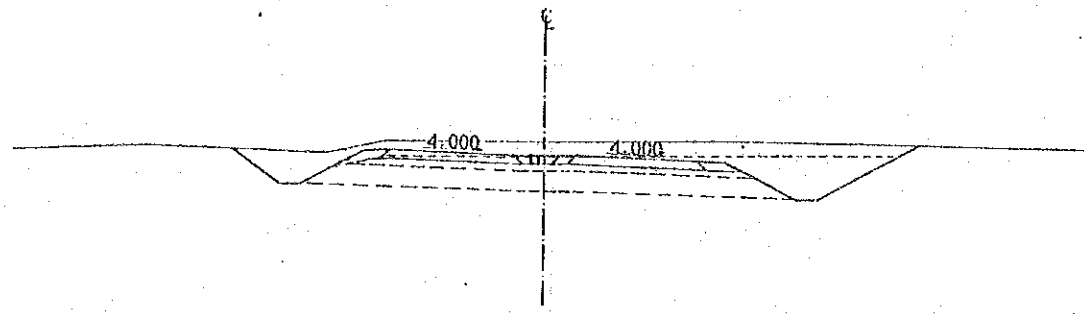
SEN. SUPT. ENG. (DESIGN)
 SUPT. ENGINEER (DESIGN)
 PROJECT ENGINEER

SCALES
 1 : 200

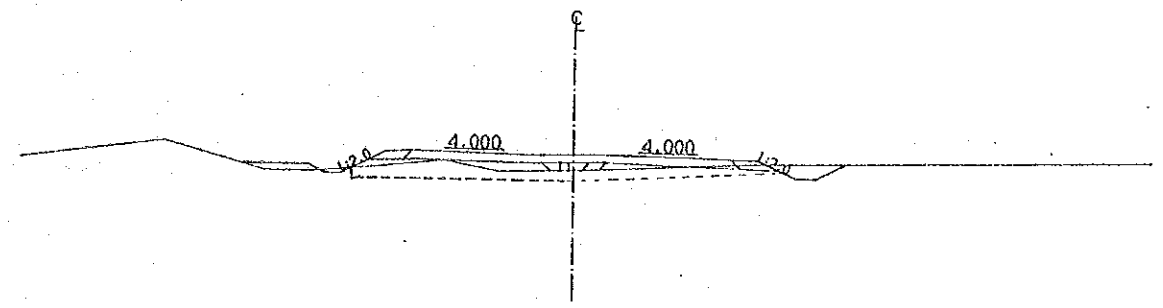
NAIROBI BYPASS
 CROSS SECTION

SHEET 5 OF 196

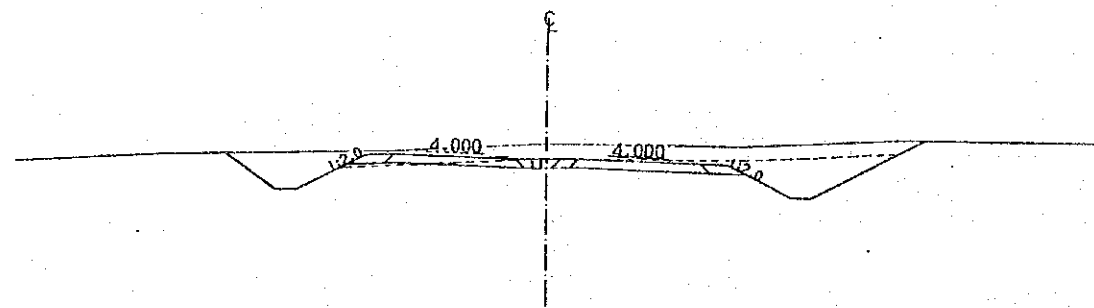
CH. 0+760
 PI=1650.870
 GI=1651.62



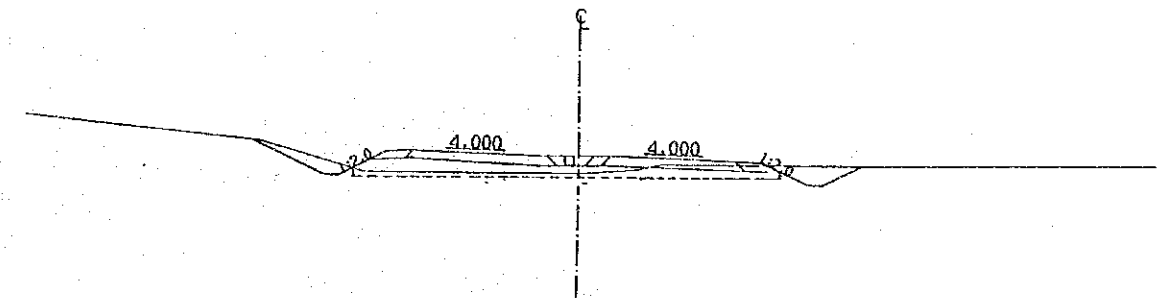
CH. 0+840
 PI=1650.535
 GI=1649.65



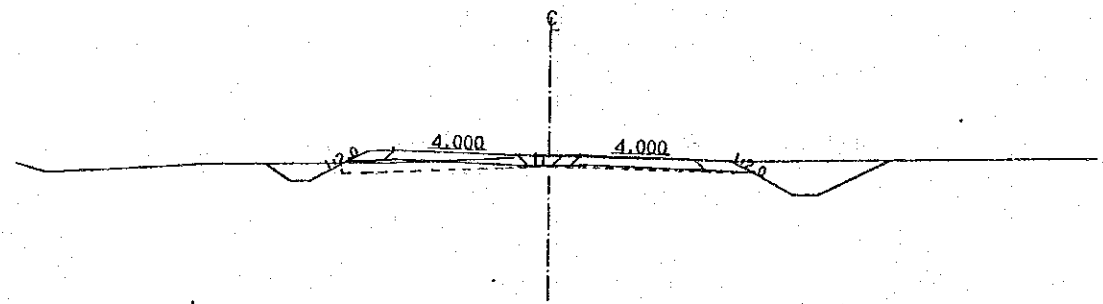
CH. 0+780
 PI=1650.691
 GI=1651.53



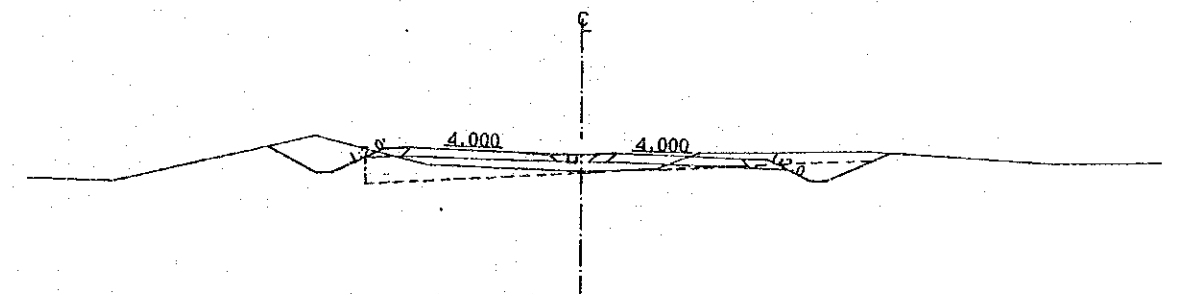
CH. 0+860
 PI=1650.607
 GI=1649.64



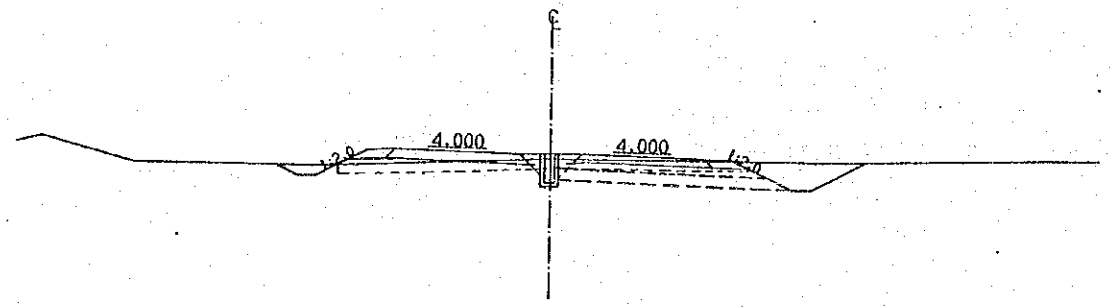
CH. 0+800
 PI=1650.576
 GI=1650.51



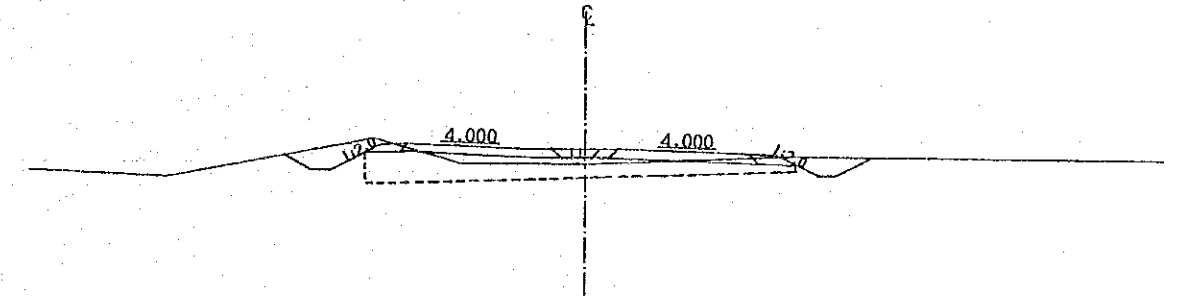
CH. 0+880
 PI=1650.697
 GI=1649.68



CH. 0+820
 PI=1650.524
 GI=1650.25



CH. 0+900
 PI=1650.787
 GI=1649.96



SURVEYED BY
 TRACED BY
 CHECKED BY
 AERIAL PHOTO BY
 MAPPING BY
 LOCATION BY

M.O.P.W. ROADS DEPT. DRG. NO.

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL
 COOPERATION AGENCY

CHIEF ENGINEER (ROADS)
 CHIEF SUPT. ENG. (DESIGN)

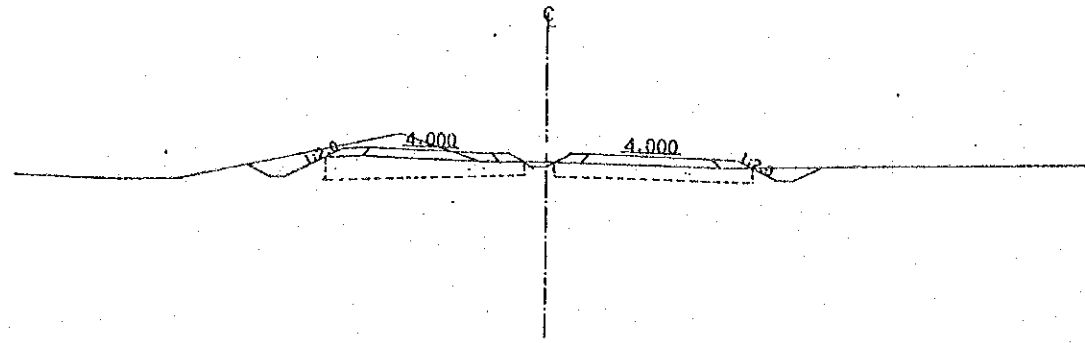
SEN. SUPT. ENG. (DESIGN)
 SUPT. ENGINEER (DESIGN)
 PROJECT ENGINEER

SCALES
 1 : 200

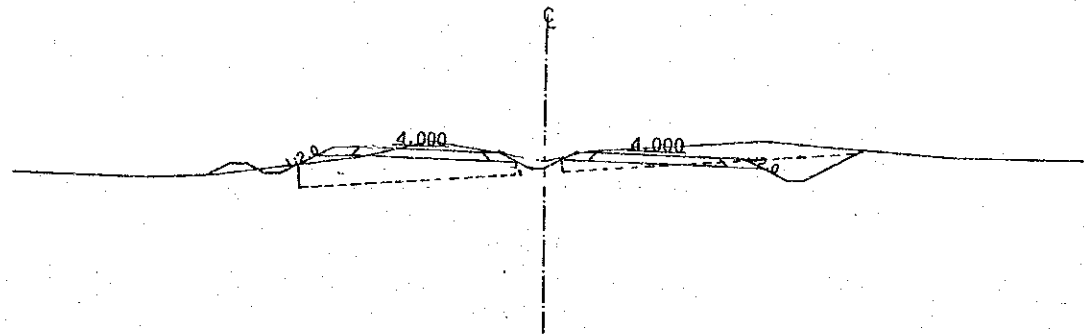
NAIROBI BYPASS
 CROSS SECTION

SHEET 6 OF 196

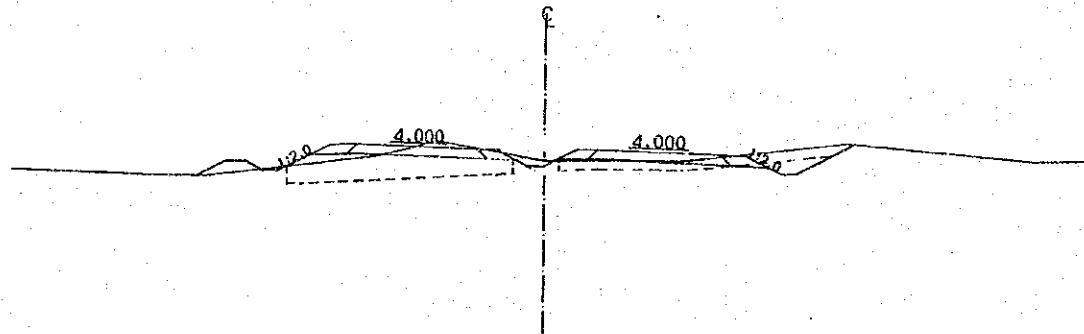
CH. 0+920
 PH=1650.877
 G=1650.42



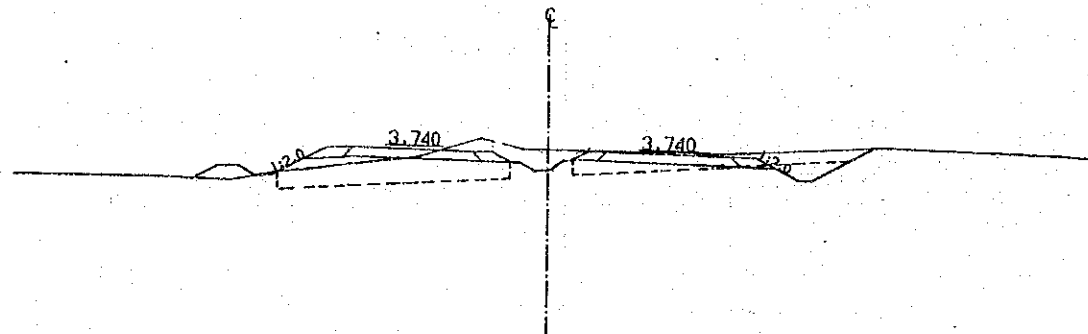
CH. 0+940
 PH=1650.967
 G=1650.44



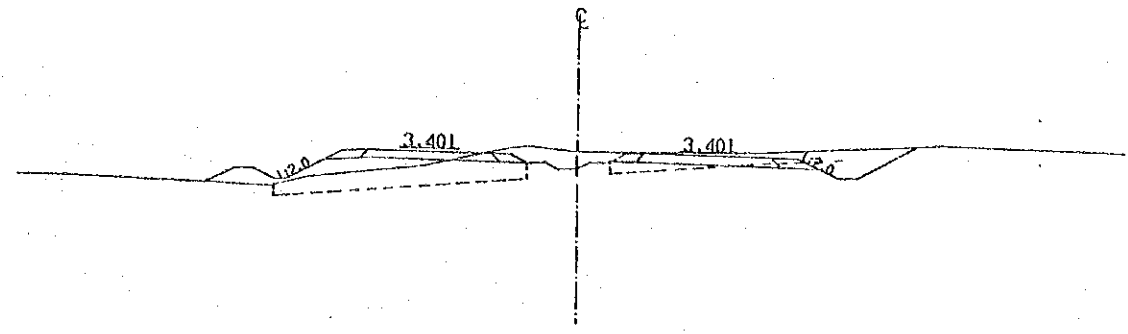
CH. 0+944.627
 PH=1650.998
 G=1650.34



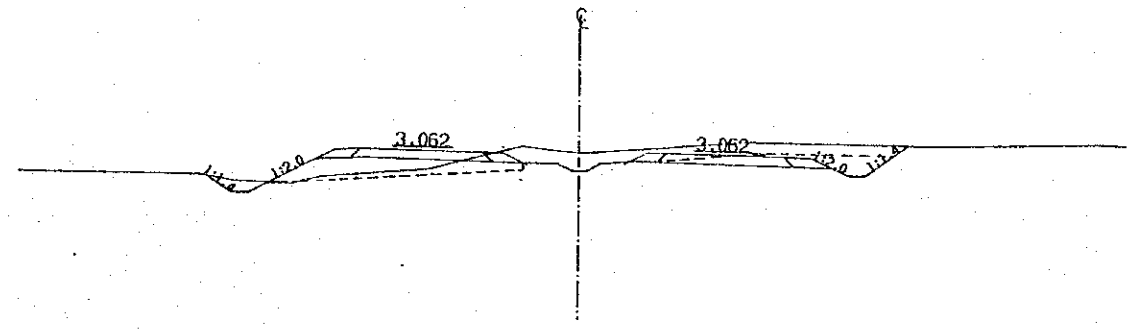
CH. 0+960
 PH=1651.057
 G=1651.18



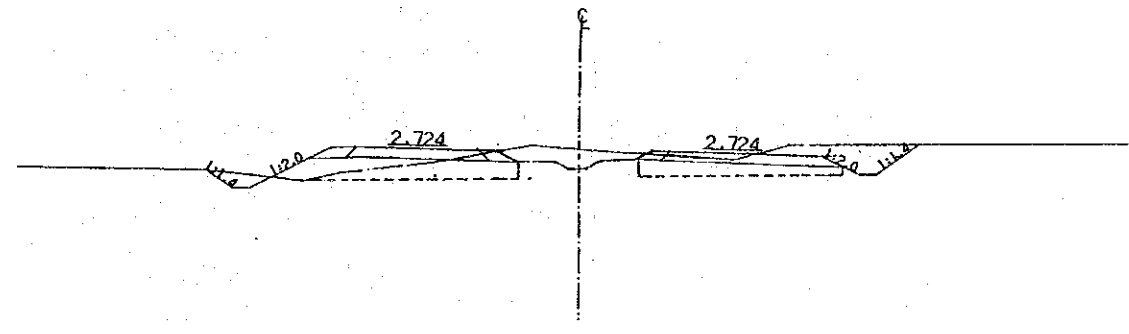
CH. 0+980
 PH=1651.147
 G=1651.24



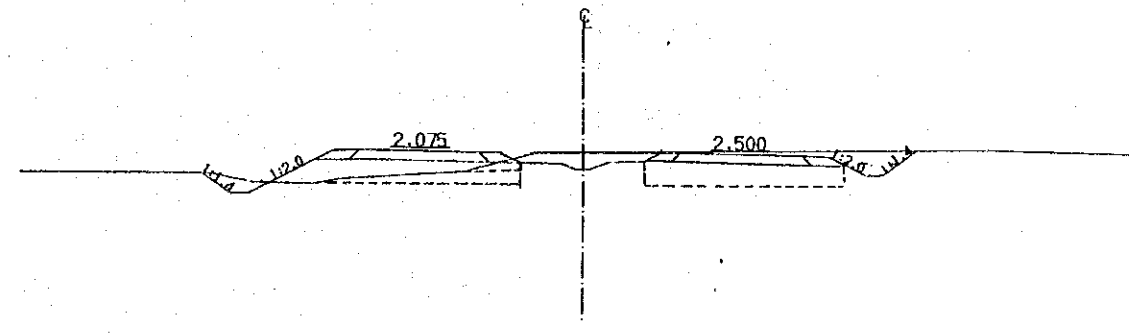
CH. 1+0
 PH=1651.237
 G=1651.22



CH. 1+20
 PH=1651.327
 G=1651.42



CH. 1+40
 PH=1651.417
 G=1651.45



AERIAL PHOTO BY	SURVEYED BY
MAPPING BY	TRACED BY
LOCATION BY	CHECKED BY

M.O.P.W. ROADS DEPT. DRG. NO.

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL
 COOPERATION AGENCY

CHIEF ENGINEER (ROADS)
 CHIEF SUPT. ENG. (DESIGN)

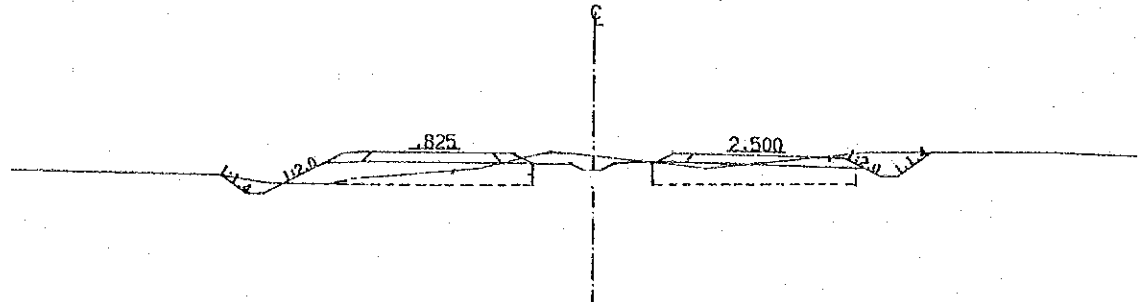
SEN. SUPT. ENG. (DESIGN)
 SUPT. ENGINEER (DESIGN)
 PROJECT ENGINEER

SCALES
 1 : 200

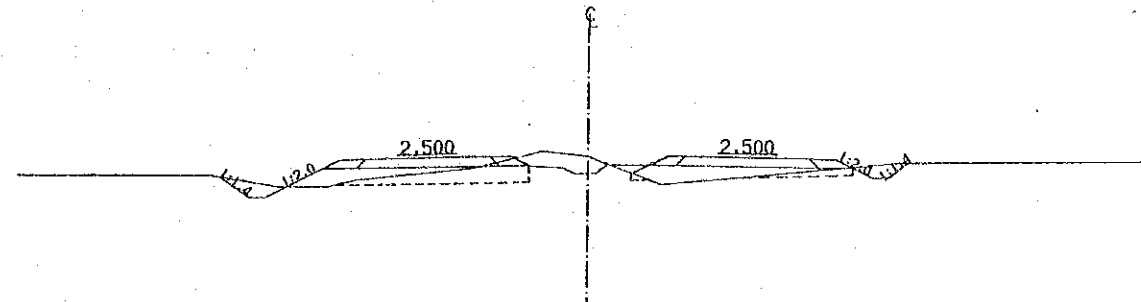
NAIROBI BYPASS
 CROSS SECTION

SHEET 7 OF 196

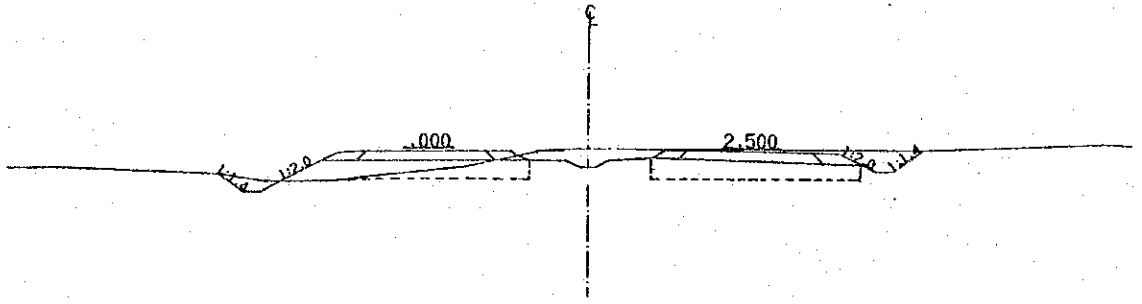
CH. 1+60
 PI=1651.507
 GI=1651.38



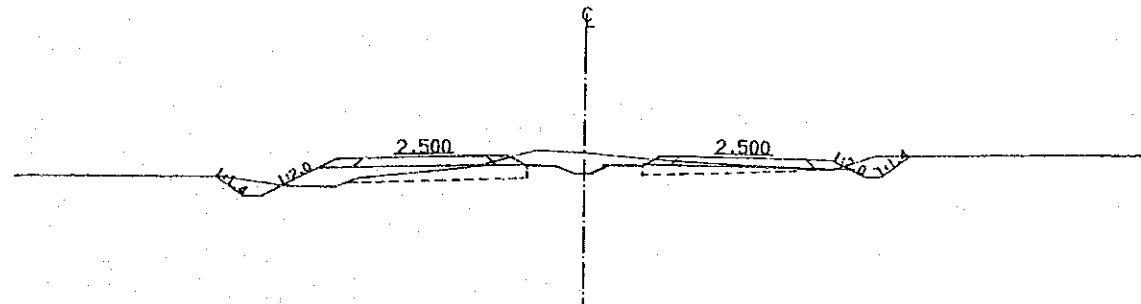
CH. 1+120
 PI=1651.777
 GI=1651.78



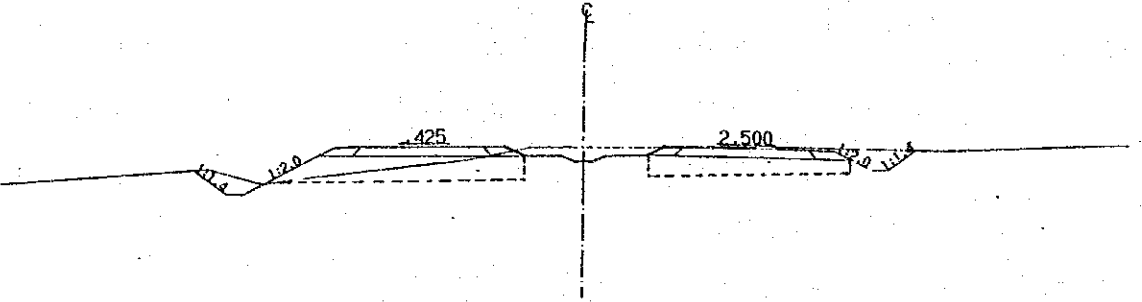
CH. 1+73.199
 PI=1651.567
 GI=1651.68



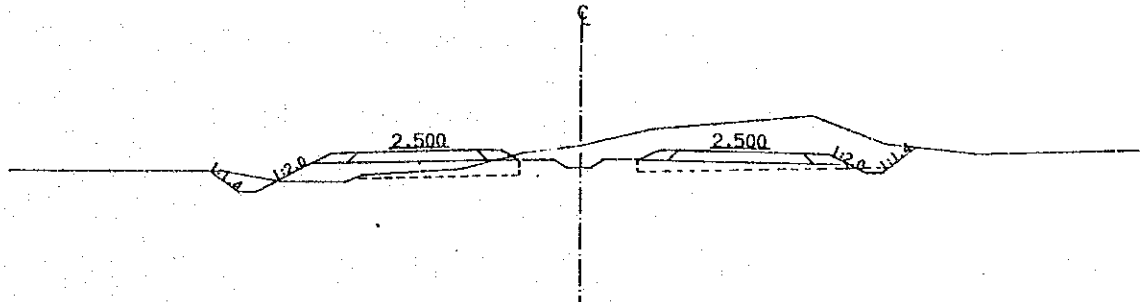
CH. 1+140
 PI=1651.857
 GI=1652.05



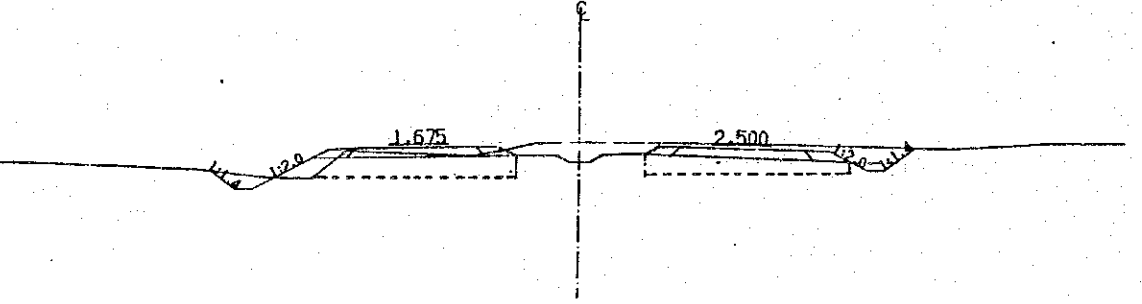
CH. 1+80
 PI=1651.597
 GI=1651.54



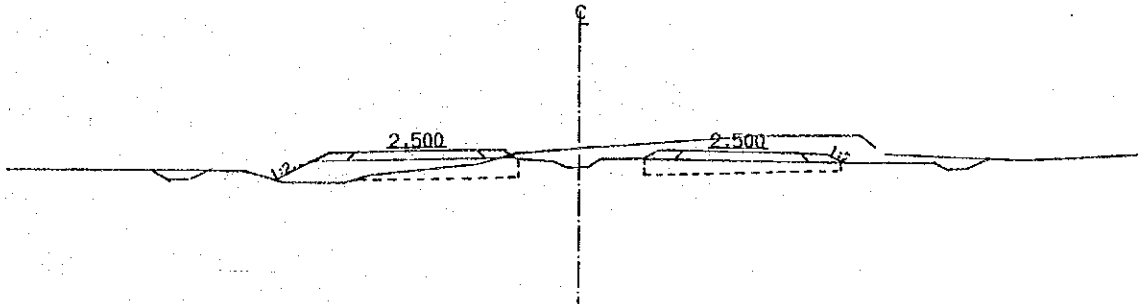
CH. 1+160
 PI=1651.957
 GI=1652.19



CH. 1+100
 PI=1651.687
 GI=1651.94



CH. 1+180
 PI=1652.047
 GI=1652.16



AERIAL PHOTO BY	SURVEYED BY
MAPPING BY	TRACED BY
LOCATION BY	CHECKED BY

M.O.P.W. ROADS DEPT. DRG. NO.

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL COOPERATION AGENCY
 CHIEF ENGINEER (ROADS)
 CHIEF SUPT. ENG. (DESIGN)

SEN SUPT. ENG. (DESIGN)
 SUPT. ENGINEER (DESIGN)
 PROJECT ENGINEER

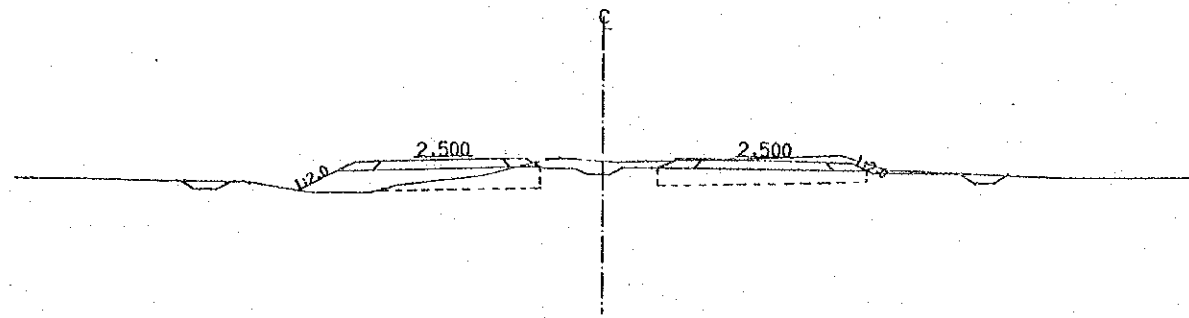
SCALES
 1 : 200

NAIROBI BYPASS
 CROSS SECTION

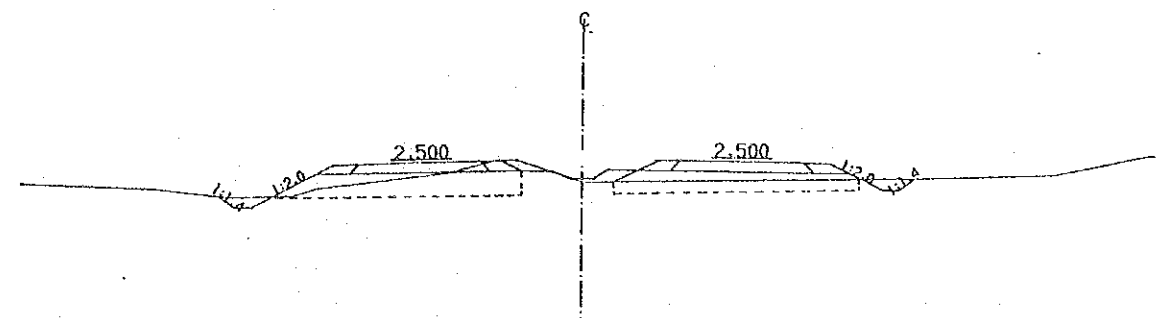
AERIAL PHOTO BY _____ SURVEYED BY _____
 MAPPING BY _____ TRACED BY _____
 LOCATION BY _____ CHECKED BY _____

M.O.P.W. ROADS DEPT. DRG. NO.

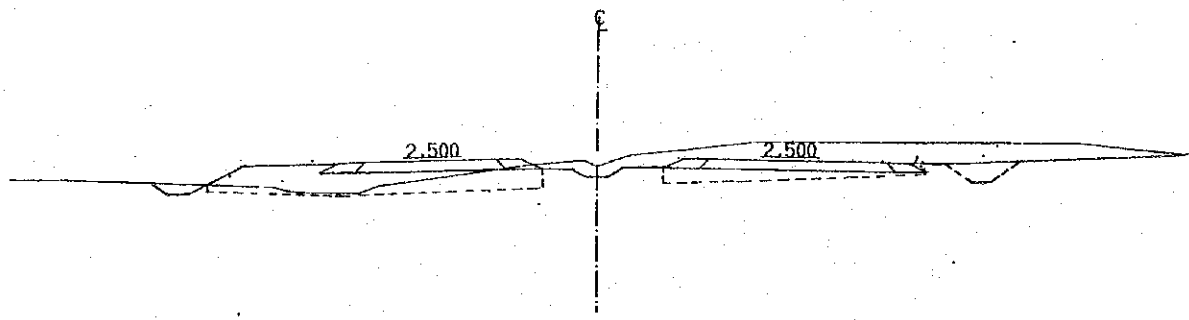
CH. 1+200
 PH=1652.137
 G=1651.97



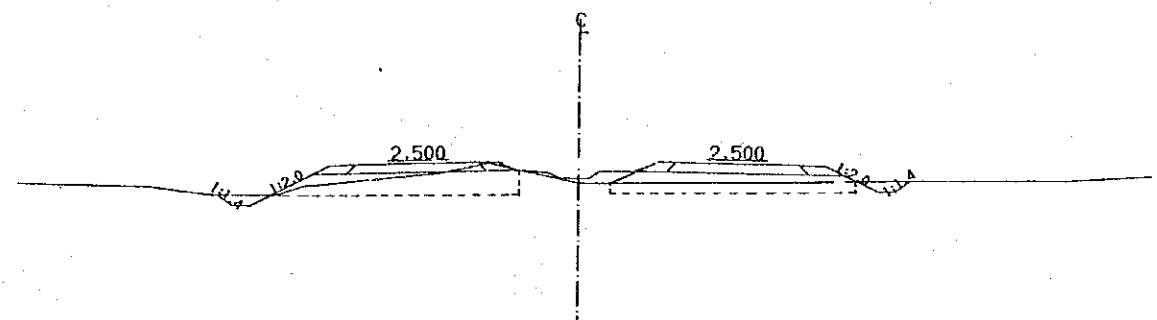
CH. 1+280
 PH=1652.497
 G=1651.32



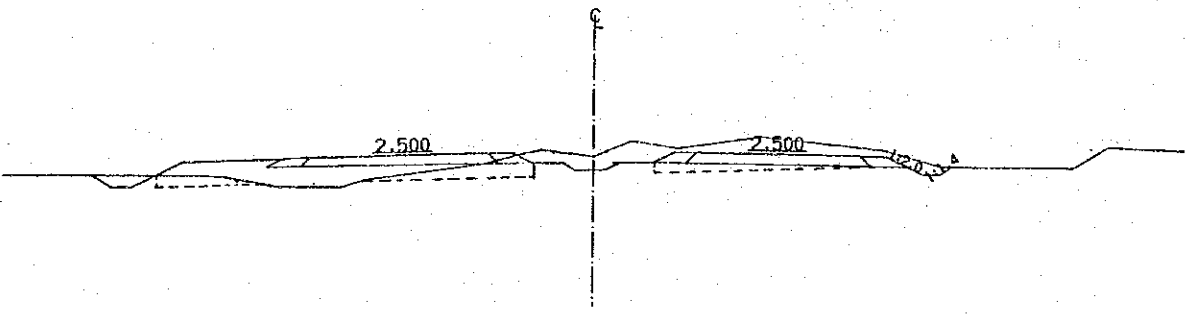
CH. 1+220
 PH=1652.227
 G=1651.78



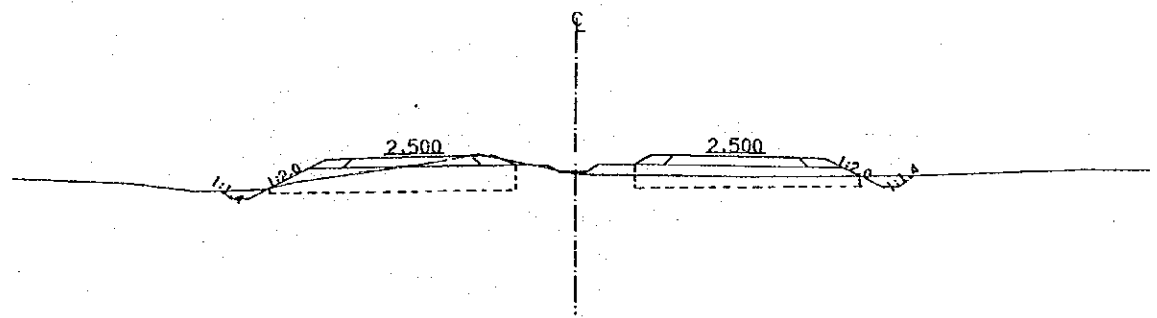
CH. 1+300
 PH=1652.587
 G=1651.40



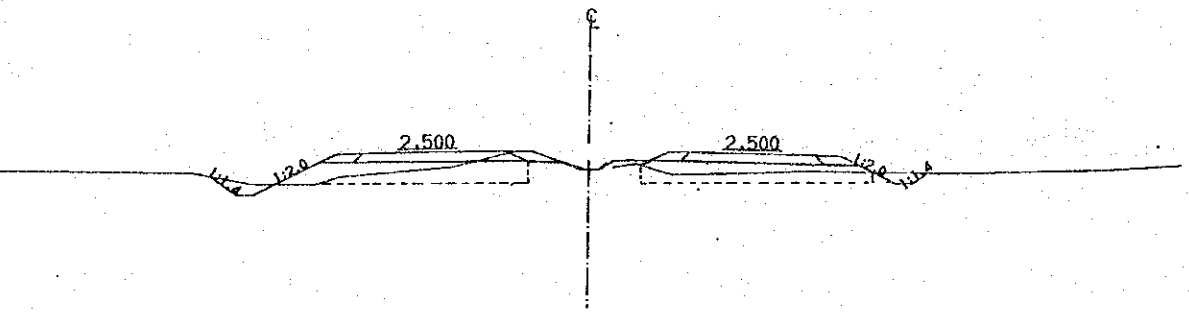
CH. 1+240
 PH=1652.317
 G=1652.09



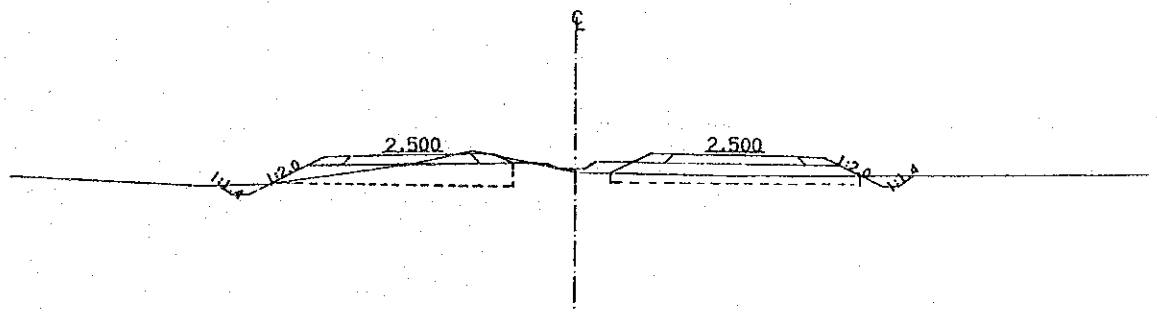
CH. 1+320
 PH=1652.677
 G=1651.60



CH. 1+260
 PH=1652.407
 G=1651.31



CH. 1+340
 PH=1652.767
 G=1651.71



REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL
 COOPERATION AGENCY

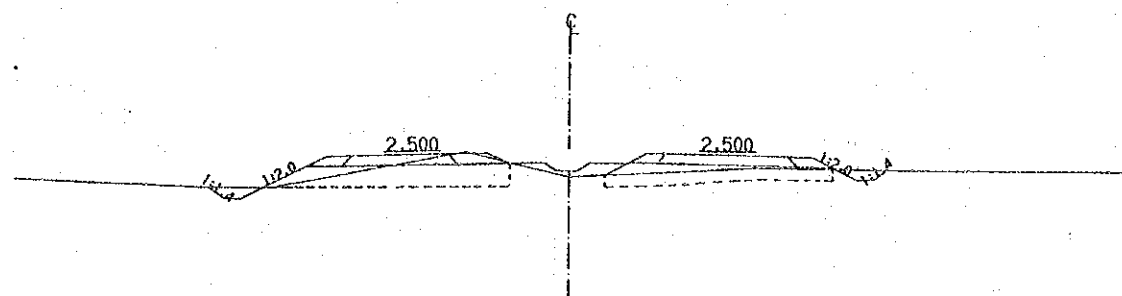
CHIEF ENGINEER (ROADS)
 CHIEF Supt. Eng. (DESIGN)

SEN. Supt. Eng. (DESIGN)
 Supt. Engineer (DESIGN)
 PROJECT ENGINEER

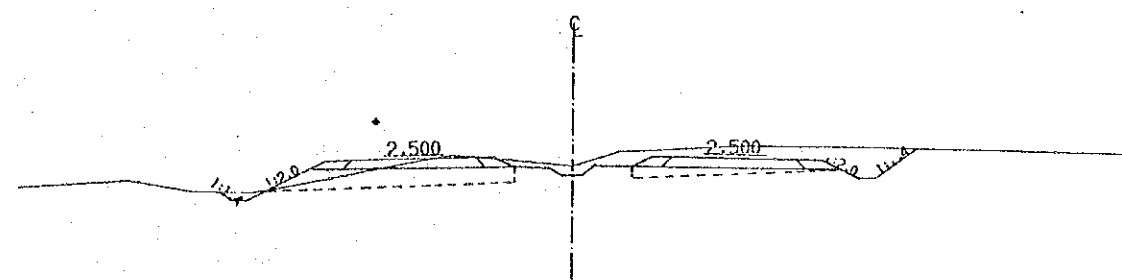
SCALES
 1 : 200

NAIROBI BYPASS
 CROSS SECTION

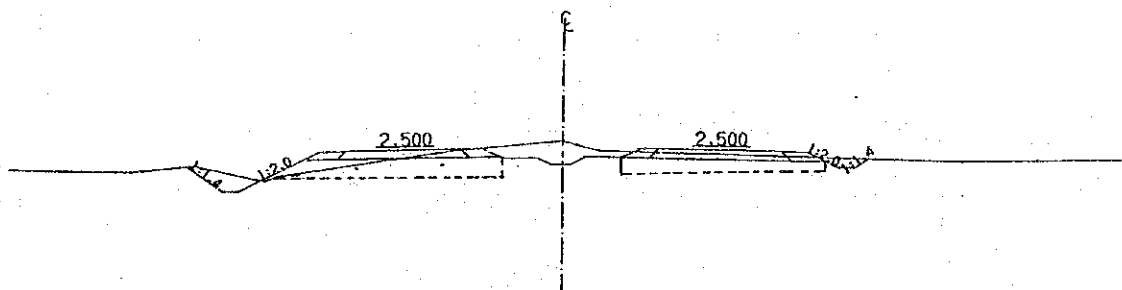
CH. 1+360
 PH=1652.857
 G=1651.55



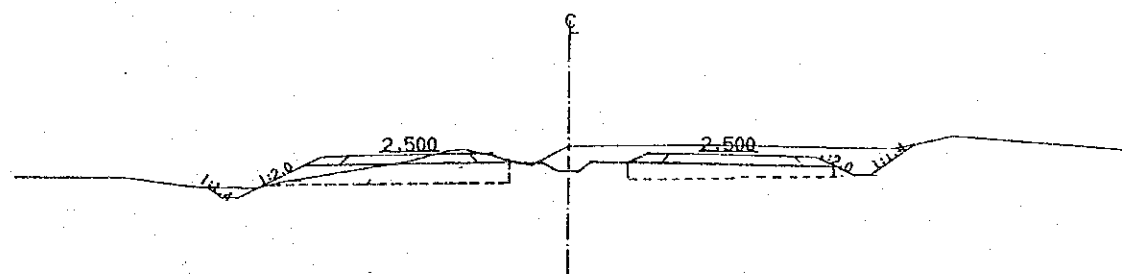
CH. 1+440
 PH=1653.217
 G=1652.72



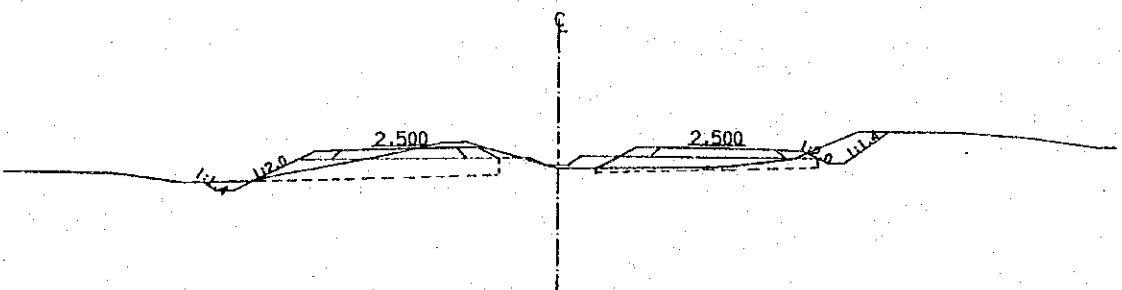
CH. 1+380
 PH=1652.947
 G=1653.39



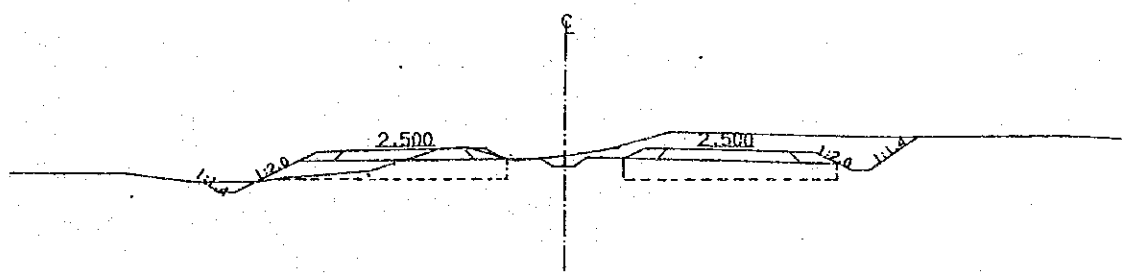
CH. 1+460
 PH=1653.307
 G=1653.73



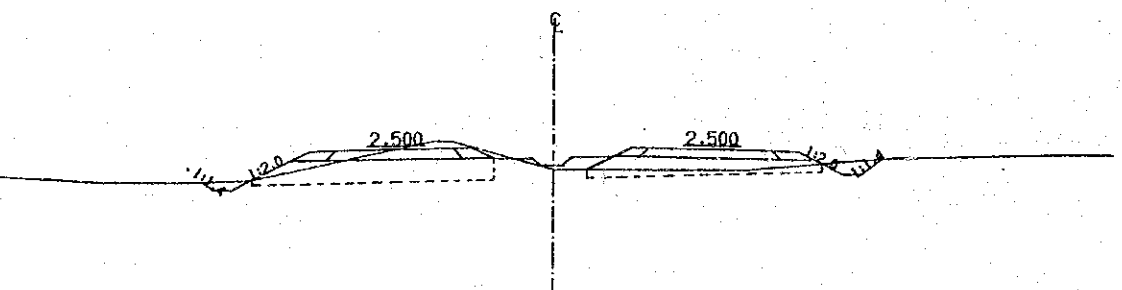
CH. 1+400
 PH=1653.037
 G=1651.83



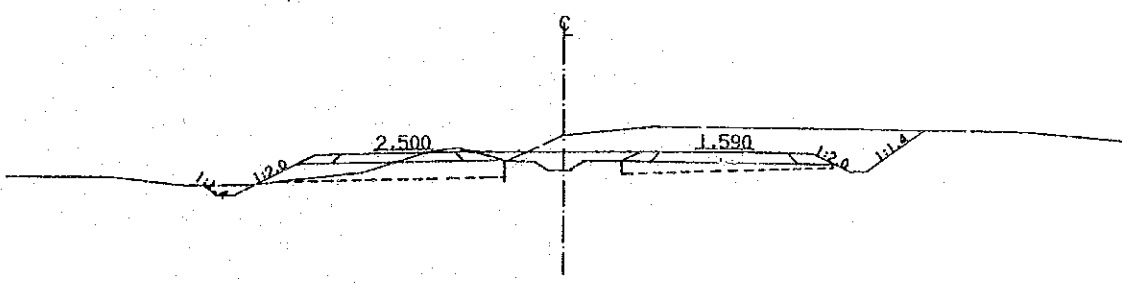
CH. 1+480
 PH=1653.397
 G=1652.98



CH. 1+420
 PH=1653.127
 G=1651.92



CH. 1+500
 PH=1653.487
 G=1654.43



AERIAL PHOTO BY	SURVEYED BY
MAPPING BY	TRACED BY
LOCATION BY	CHECKED BY

M.O.P.W. ROADS DEPT. DRG. NO.

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL
 COOPERATION AGENCY

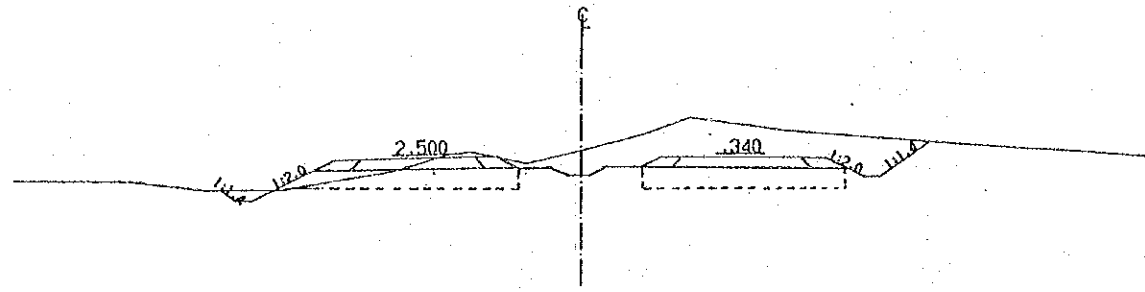
CHIEF ENGINEER (ROADS)
 CHIEF SUPT. ENG. (DESIGN)

SEN SUPT. ENG. (DESIGN)
 SUPT. ENGINEER (DESIGN)
 PROJECT ENGINEER

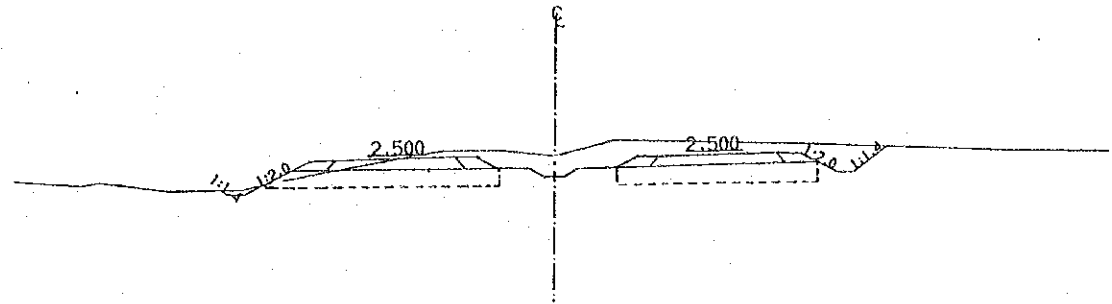
SCALES
 1 : 200

NAIROBI BYPASS
 CROSS SECTION

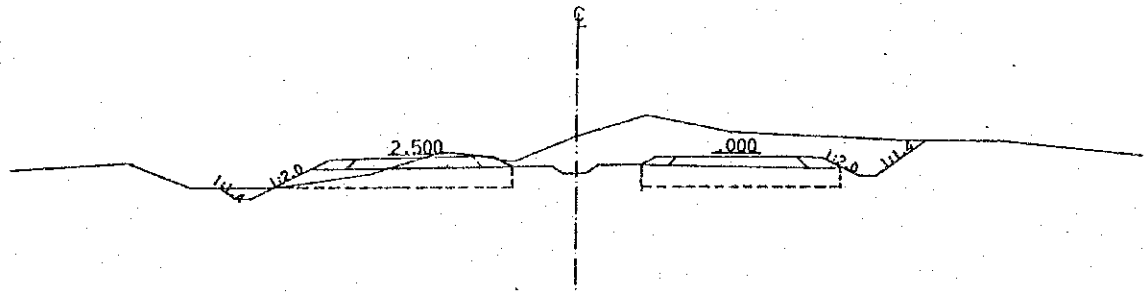
CH. 1+520
 PH=1653.577
 G=1653.91



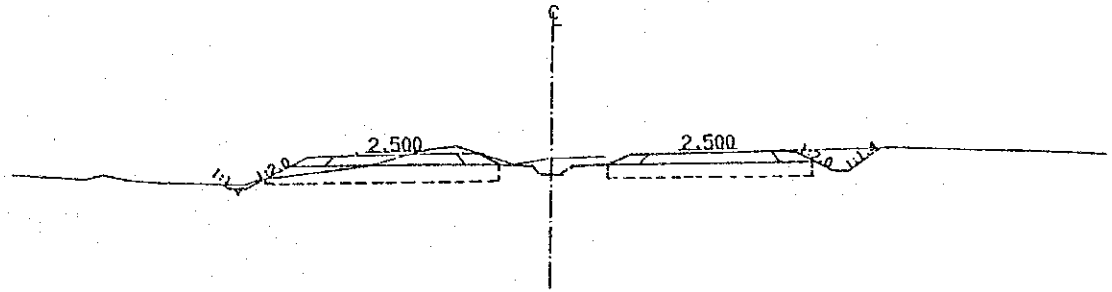
CH. 1+580
 PH=1653.847
 G=1653.88



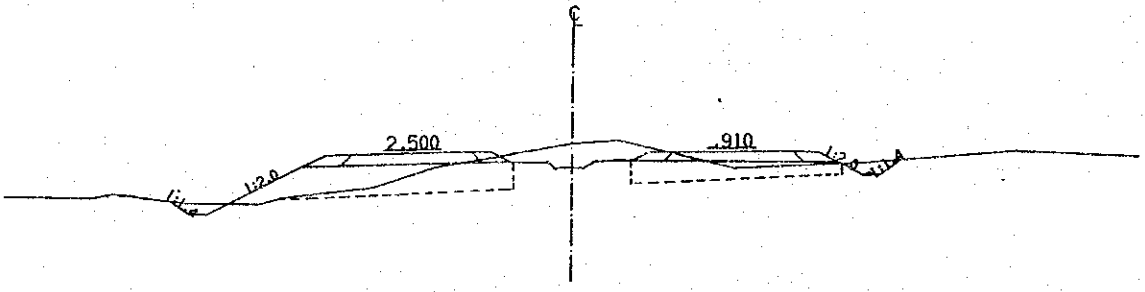
CH. 1+525.443
 PH=1653.602
 G=1654.73



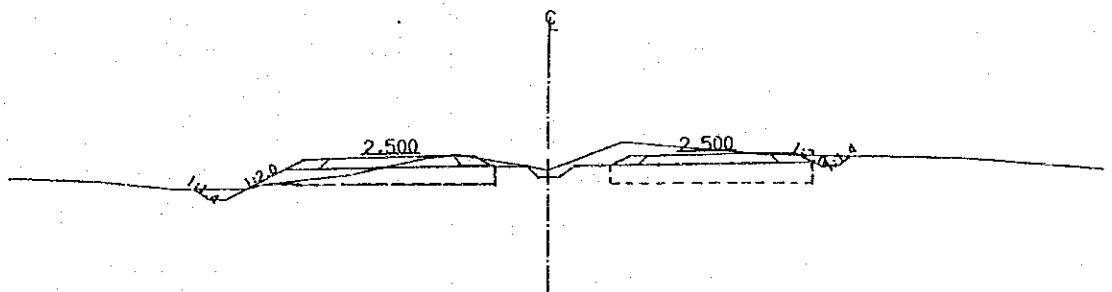
CH. 1+600
 PH=1653.937
 G=1653.69



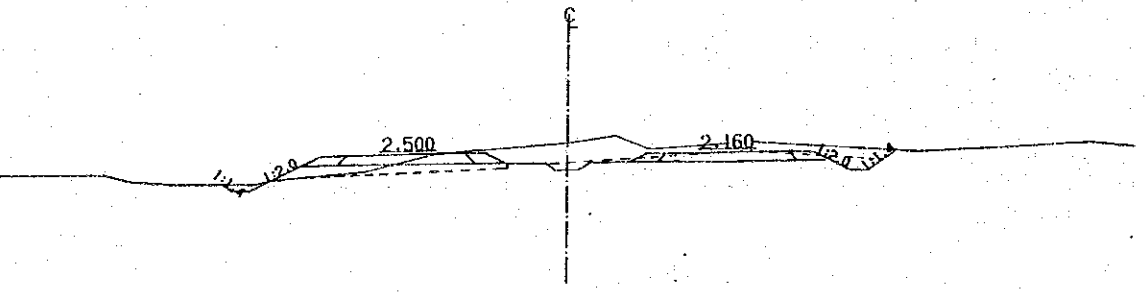
CH. 1+540
 PH=1653.667
 G=1654.12



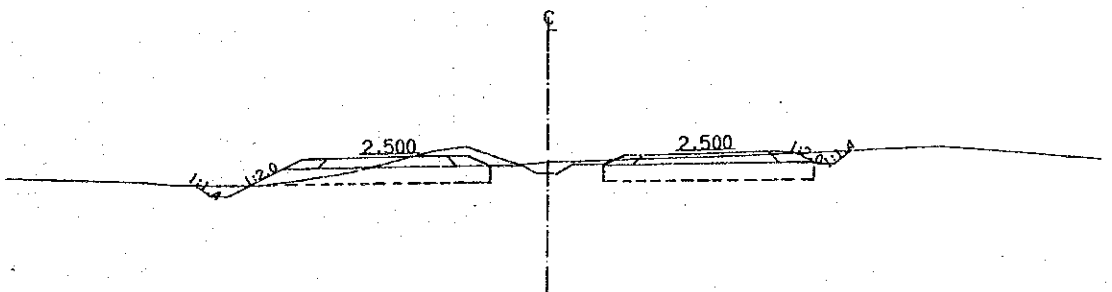
CH. 1+620
 PH=1654.027
 G=1653.23



CH. 1+560
 PH=1653.757
 G=1654.32



CH. 1+640
 PH=1654.117
 G=1653.75



AERIAL PHOTO BY _____ SURVEYED BY _____
 MAPPING BY _____ TRACED BY _____
 LOCATION BY _____ CHECKED BY _____

MOPW ROADS DEPT DRG NO.

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL
 COOPERATION AGENCY

CHIEF ENGINEER (ROADS)
 CHIEF SUPT. ENG. (DESIGN)

SEN. SUPT. ENG. (DESIGN)
 SUPT. ENGINEER (DESIGN)
 PROJECT ENGINEER

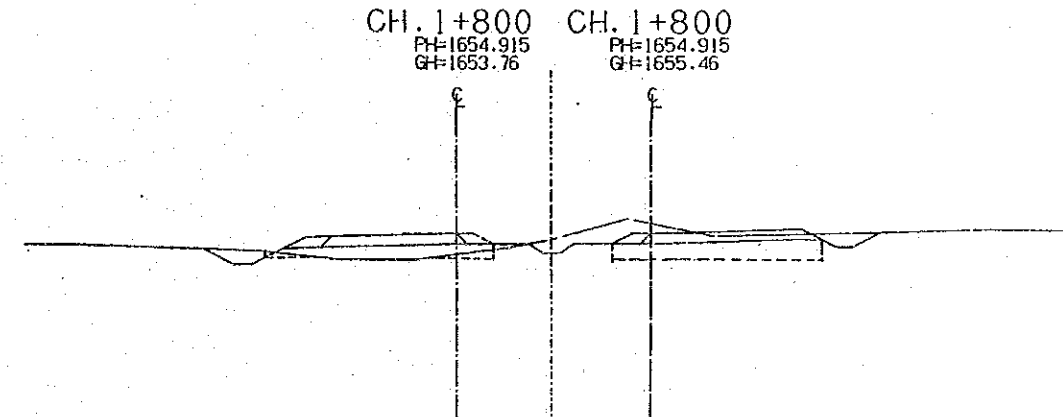
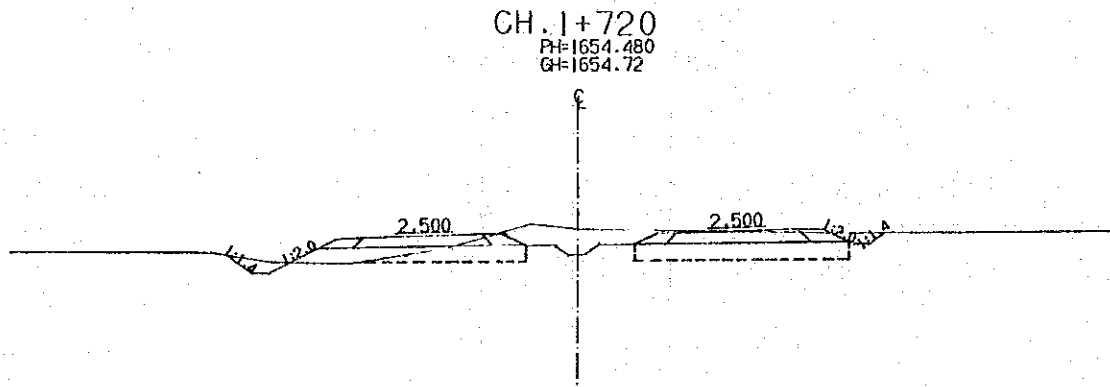
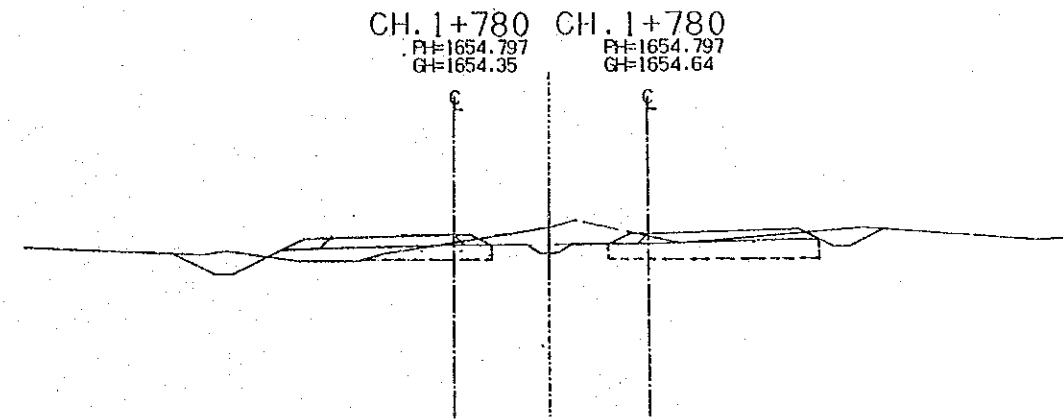
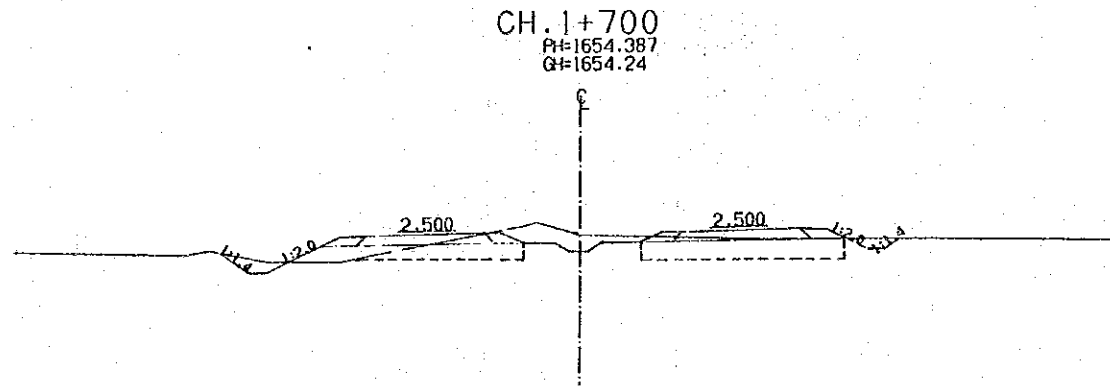
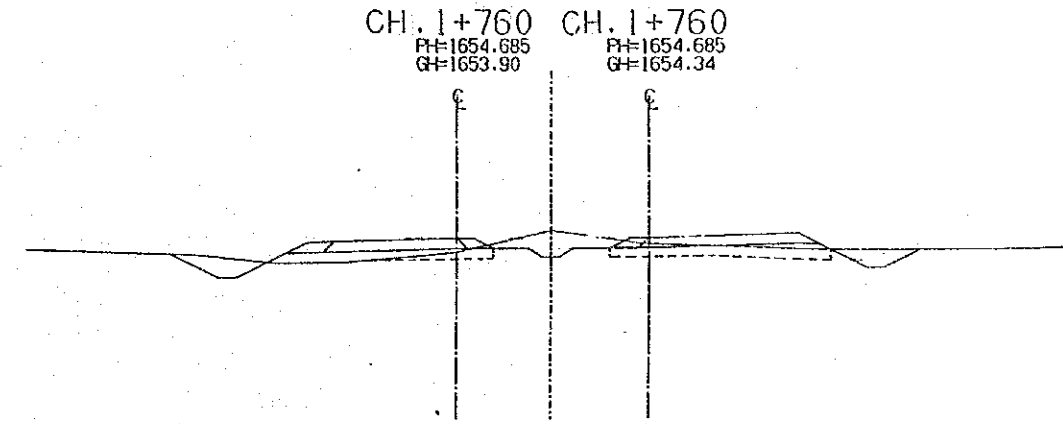
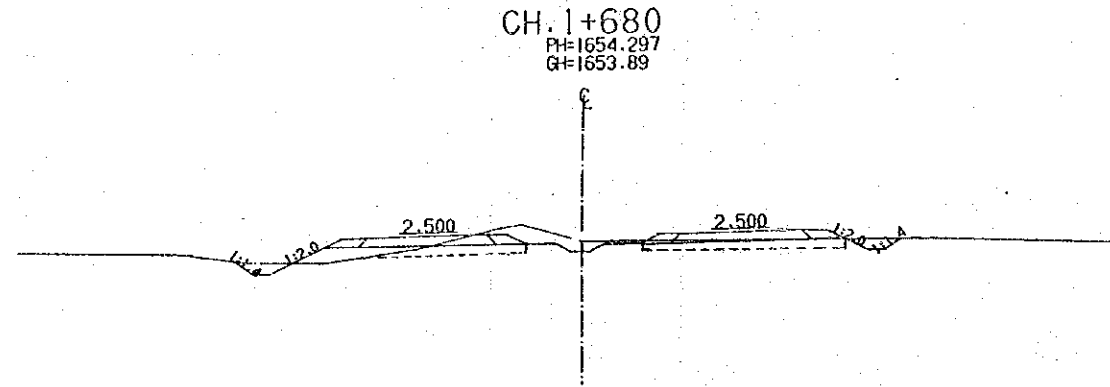
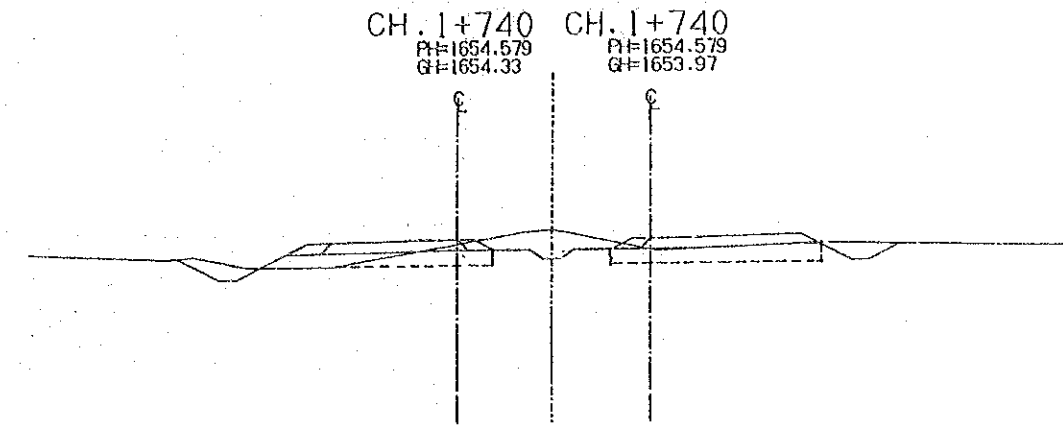
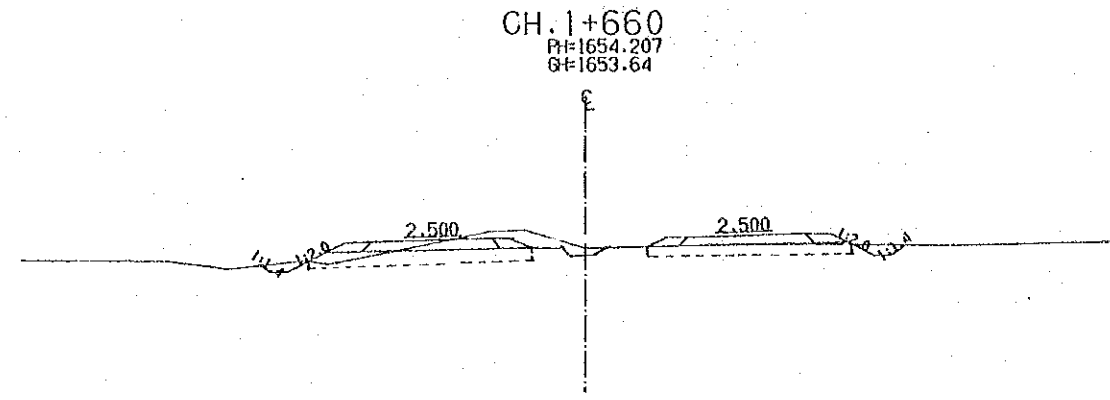
SCALES
 1 : 200

NAIROBI BYPASS
 CROSS SECTION

SHEET 11 OF 195

AERIAL PHOTO BY	SURVEYED BY
MAPPING BY	TRACED BY
LOCATION BY	CHECKED BY

M.O.P.W. ROADS DEPT DRG NO.



REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL COOPERATION AGENCY
 CHIEF ENGINEER (ROADS)
 CHIEF SUPT. ENG (DESIGN)

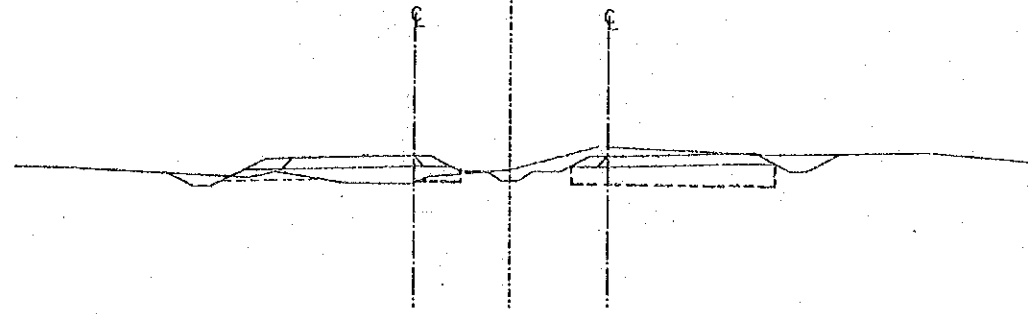
SEN SUPT. ENG. (DESIGN)
 SUPT. ENGINEER (DESIGN)
 PROJECT ENGINEER

SCALES
 1 : 200

NAIROBI BYPASS
 CROSS SECTION

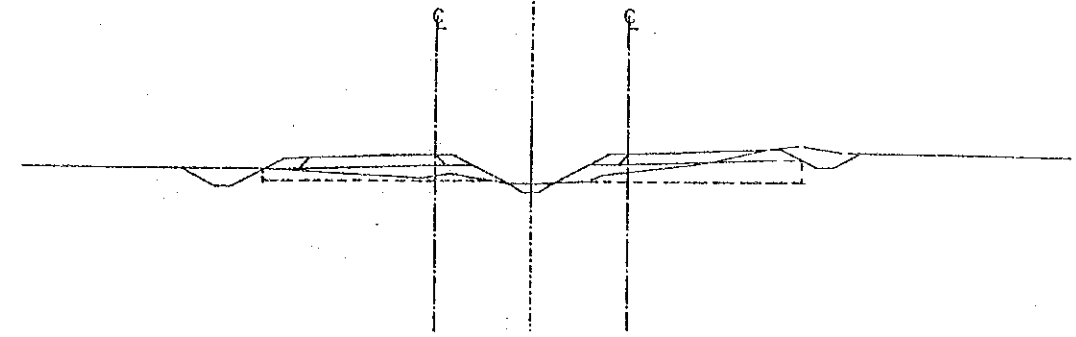
CH. 1+820 PH=1655.039
G=1653.58

CH. 1+820 PH=1655.039
G=1655.56



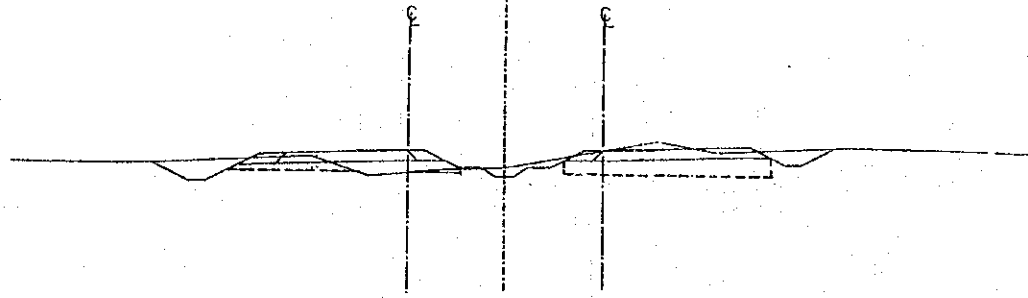
CH. 1+900 PH=1655.597
G=1654.44

CH. 1+900 PH=1655.597
G=1654.60



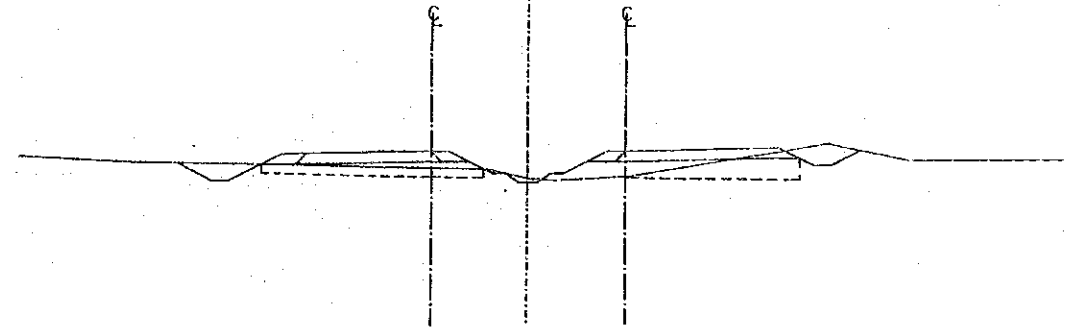
CH. 1+840 PH=1655.169
G=1653.93

CH. 1+840 PH=1655.169
G=1655.14



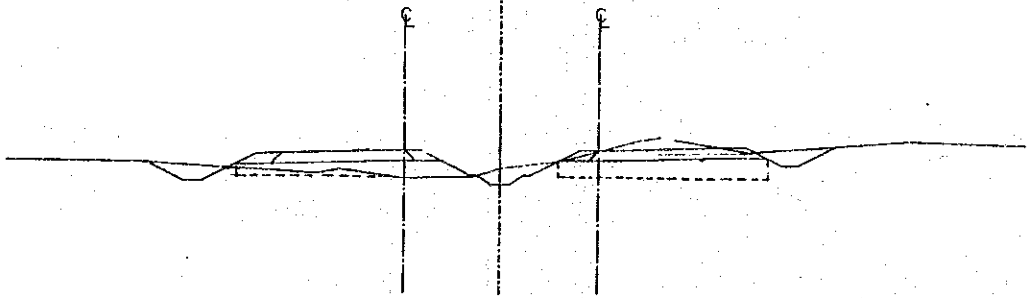
CH. 1+920 PH=1655.749
G=1654.80

CH. 1+920 PH=1655.749
G=1654.33



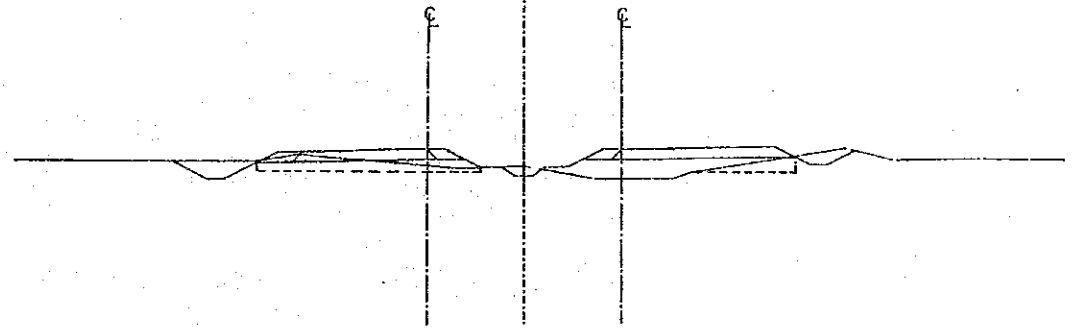
CH. 1+860 PH=1655.305
G=1653.76

CH. 1+860 PH=1655.305
G=1655.24



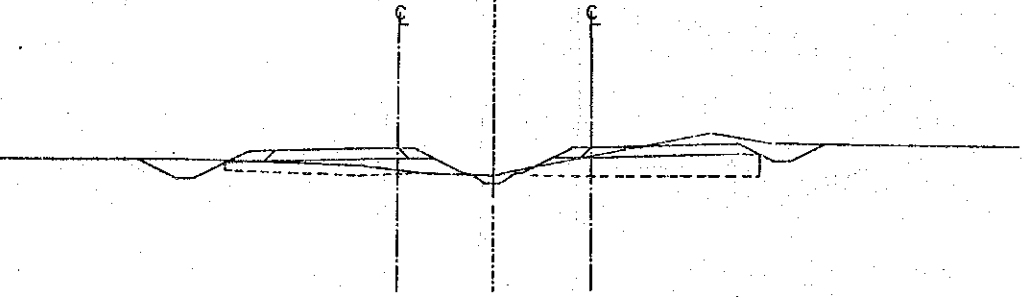
CH. 1+940 PH=1655.901
G=1654.97

CH. 1+940 PH=1655.901
G=1654.25



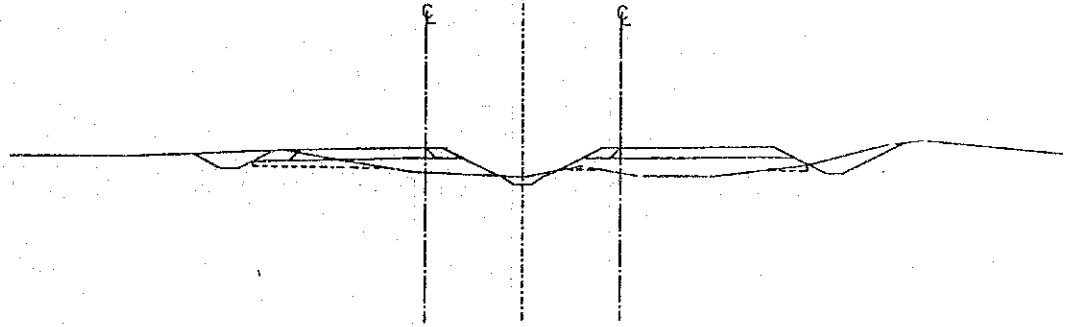
CH. 1+880 PH=1655.448
G=1654.20

CH. 1+880 PH=1655.448
G=1654.96



CH. 1+960 PH=1656.053
G=1654.67

CH. 1+960 PH=1656.053
G=1654.63



AERIAL PHOTO BY _____ SURVEYED BY _____
 MAPPING BY _____ TRACED BY _____
 LOCATION BY _____ CHECKED BY _____

M.C.P.W. ROADS DEPT. DRG. NO.

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL COOPERATION AGENCY
 CHIEF ENGINEER (ROADS)
 CHIEF SUPT. ENG. (DESIGN)

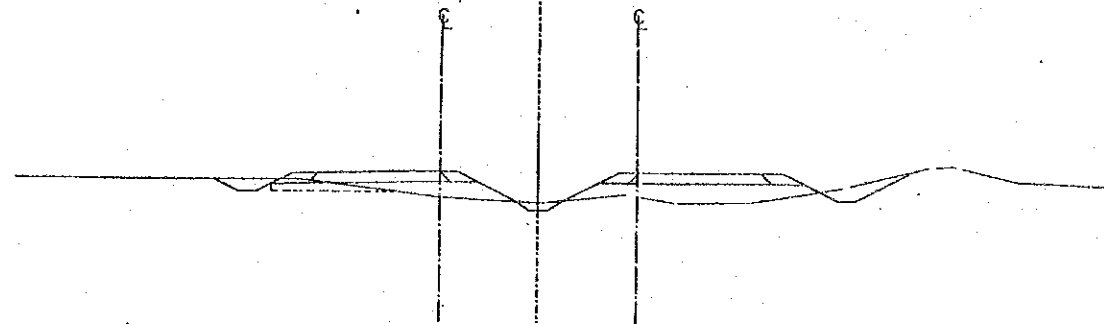
SEN. SUPT. ENG. (DESIGN)
 SUPT. ENGINEER (DESIGN)
 PROJECT ENGINEER

SCALES
 1 : 200

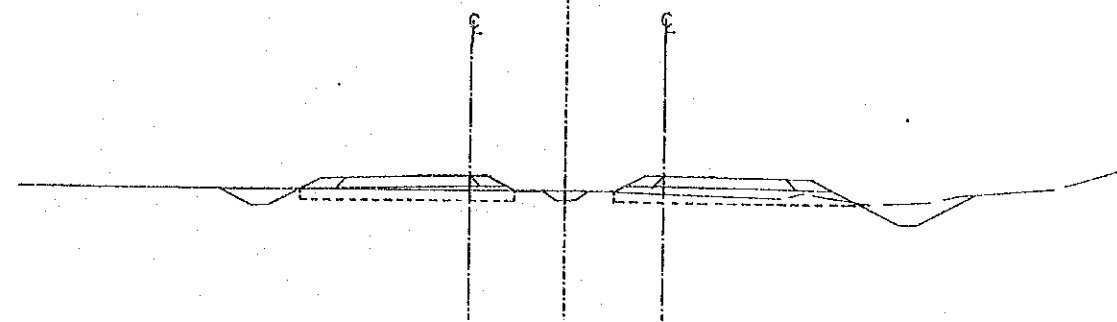
NAIROBI BYPASS
 CROSS SECTION

SHEET 13 OF 196

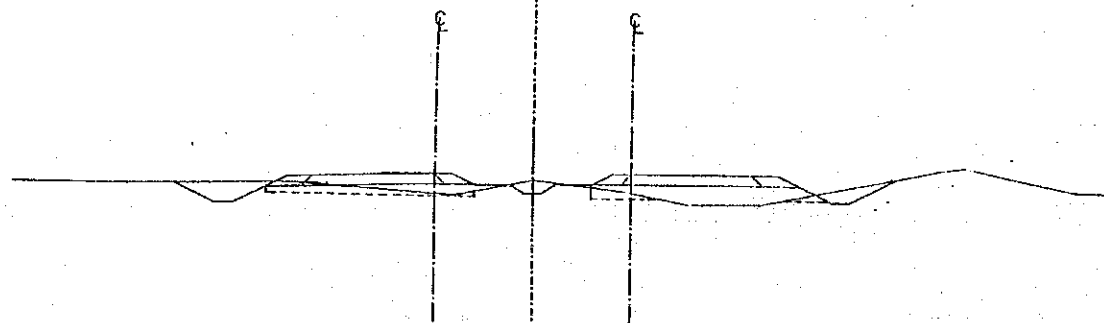
CH. 1+970. CH. 1+970.243
 PI=1656.131 G=1654.69
 PI=1656.131 G=1654.81



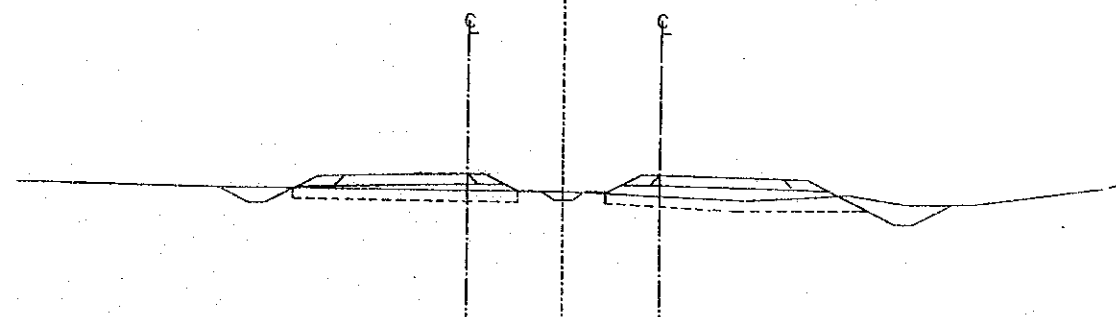
CH. 2+40 CH. 2+40
 PI=1656.661 G=1655.84
 PI=1656.661 G=1655.65



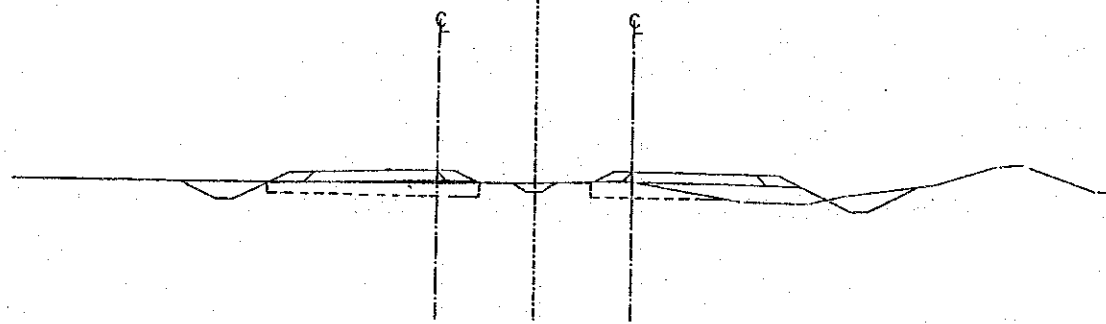
CH. 1+980 CH. 1+980
 PI=1656.205 G=1655.07
 PI=1656.205 G=1655.13



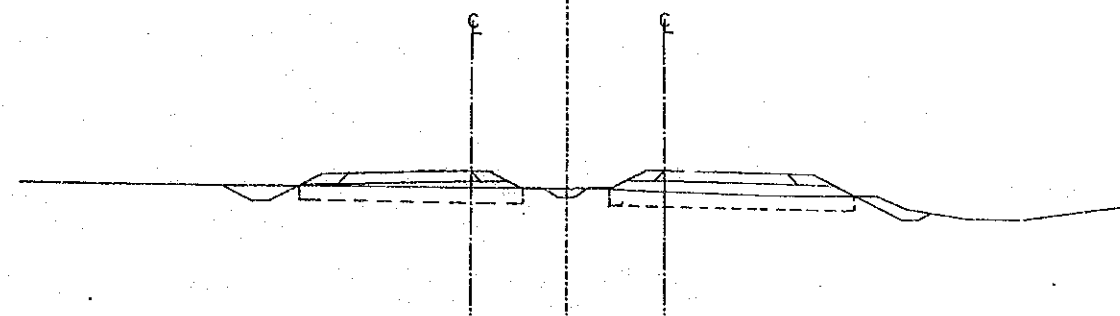
CH. 2+60 CH. 2+60
 PI=1656.813 G=1655.86
 PI=1656.813 G=1655.61



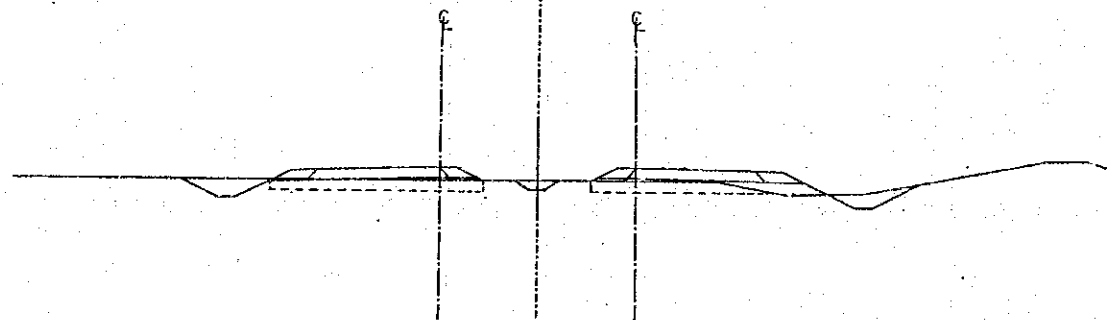
CH. 2+0 CH. 2+0
 PI=1656.357 G=1655.64
 PI=1656.357 G=1655.79



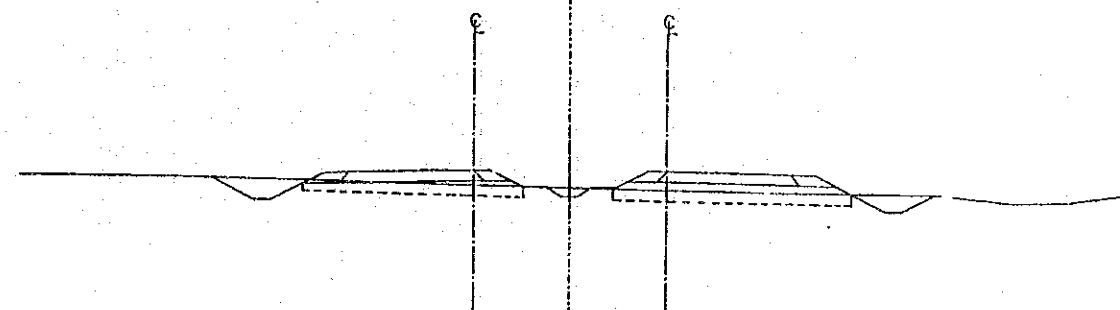
CH. 2+80 CH. 2+80
 PI=1656.965 G=1656.02
 PI=1656.965 G=1655.78



CH. 2+20 CH. 2+20
 PI=1656.509 G=1655.80
 PI=1656.509 G=1655.77



CH. 2+100 CH. 2+100
 PI=1657.117 G=1656.28
 PI=1657.117 G=1656.06



AERIAL PHOTO BY _____ SURVEYED BY _____
 MAPPING BY _____ TRACED BY _____
 LOCATION BY _____ CHECKED BY _____

M.O.P.W. ROADS DEPT DRG NO.

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL
 COOPERATION AGENCY

CHIEF ENGINEER (ROADS)
 CHIEF SUPT. ENG. (DESIGN)

SEN. SUPT. ENG. (DESIGN)
 SUPT. ENGINEER (DESIGN)
 PROJECT ENGINEER

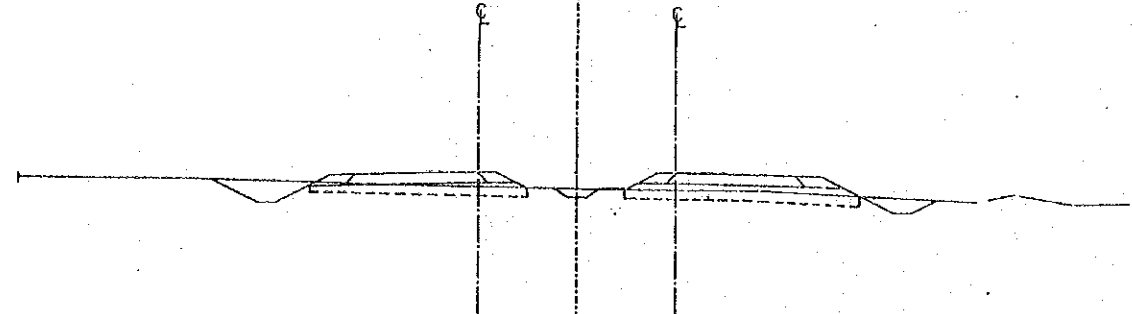
SCALES
 1 : 200

NAIROBI BYPASS
 CROSS SECTION

SHEET 14 OF 196

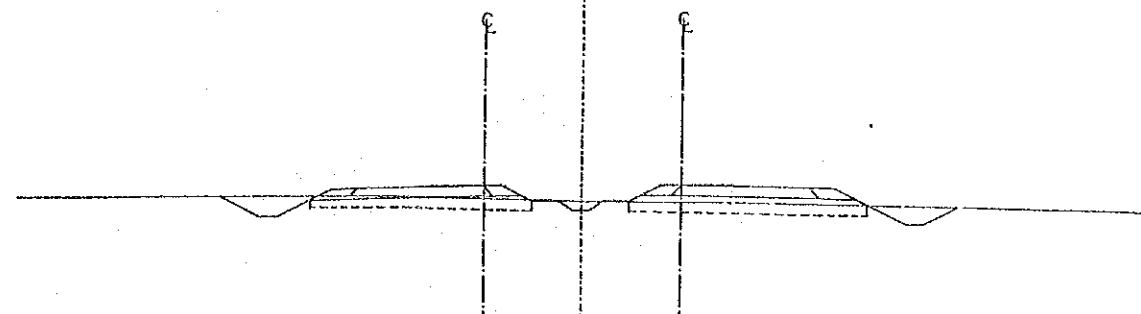
CH.2+120 PI=1657.269
G=1656.46

CH.2+120 PI=1657.269
G=1656.31



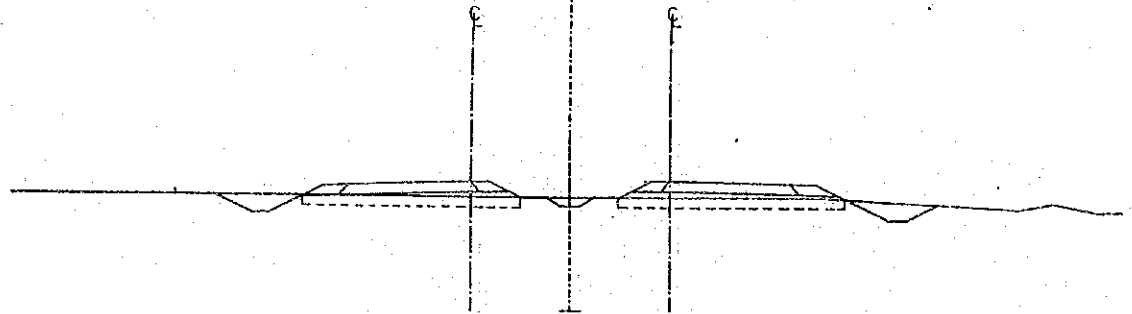
CH.2+200 PI=1657.877
G=1657.14

CH.2+200 PI=1657.877
G=1656.91



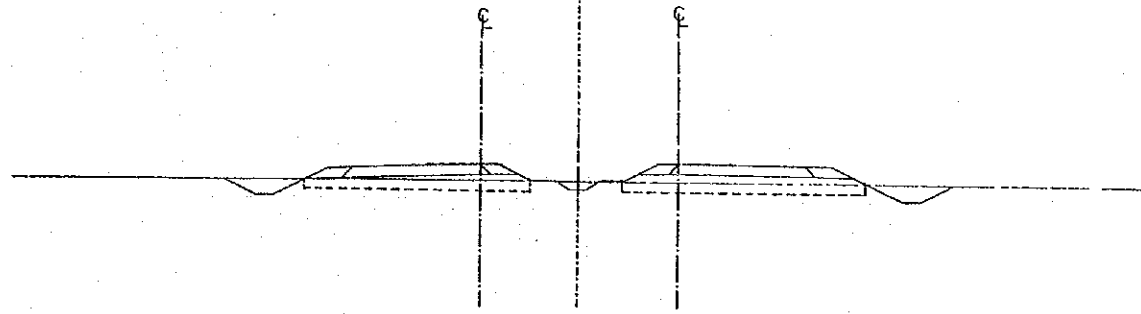
CH.2+140 PI=1657.421
G=1656.54

CH.2+140 PI=1657.421
G=1656.47



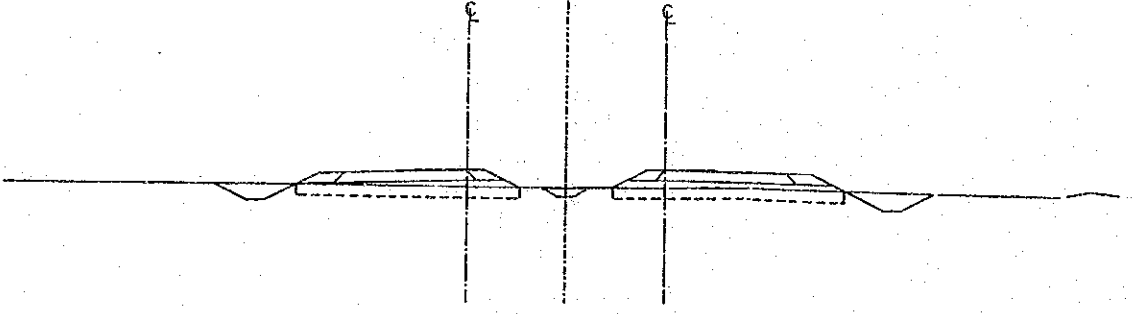
CH.2+220 PI=1658.029
G=1657.10

CH.2+220 PI=1658.029
G=1656.97



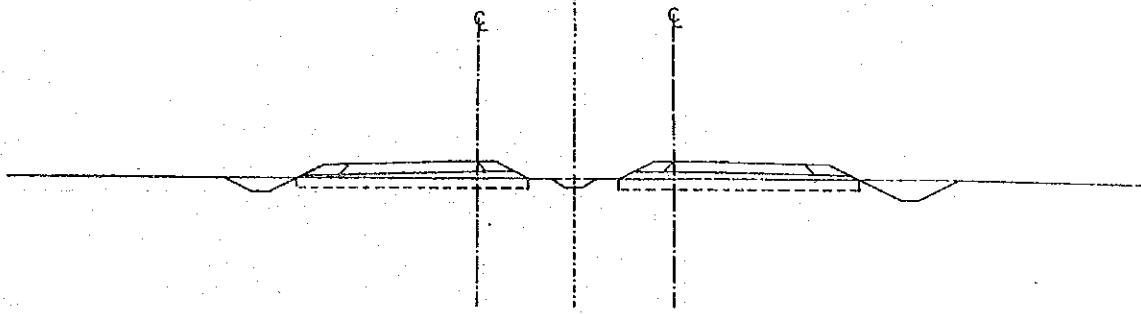
CH.2+160 PI=1657.573
G=1656.62

CH.2+160 PI=1657.573
G=1656.57



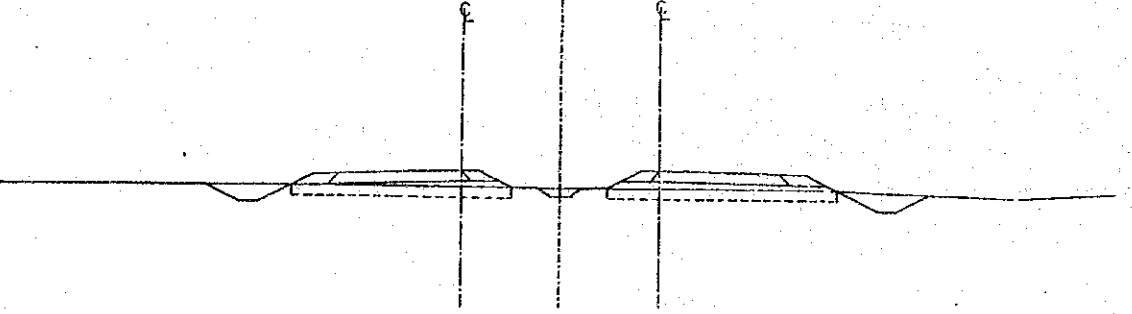
CH.2+240 PI=1658.181
G=1657.22

CH.2+240 PI=1658.181
G=1657.18



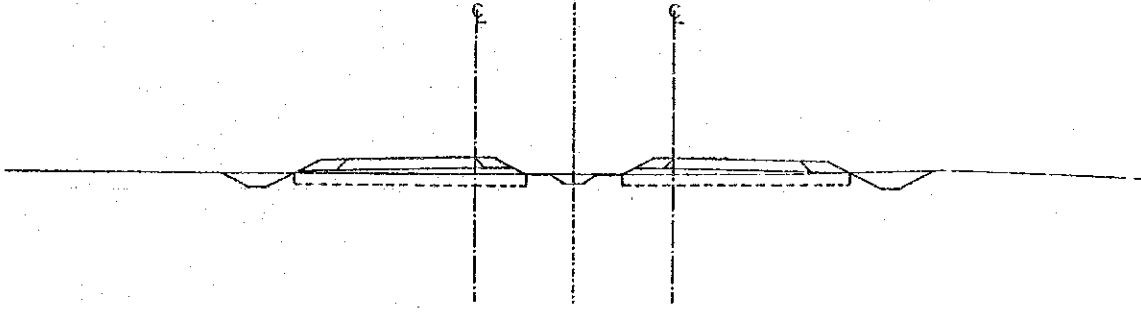
CH.2+180 PI=1657.725
G=1656.82

CH.2+180 PI=1657.725
G=1656.73



CH.2+260 PI=1658.333
G=1657.41

CH.2+260 PI=1658.333
G=1657.43



SURVEYED BY	BY
TRACED BY	BY
CHECKED BY	BY
AERIAL PHOTO BY	BY
MAPPING BY	BY
LOCATION BY	BY

M.O.P.W. ROADS DEPT. DRG. NO.

REVISIONS	
DESCRIPTION	DATE

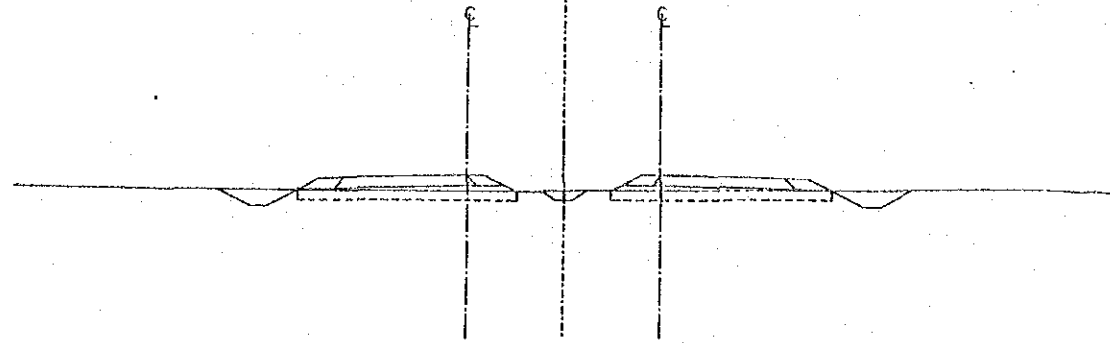
JAPAN INTERNATIONAL COOPERATION AGENCY	CHIEF ENGINEER (ROADS)
	CHIEF SUPT. ENG. (DESIGN)

SEN. SUPT. ENG. (DESIGN)	
SUPT. ENGINEER (DESIGN)	
PROJECT ENGINEER	

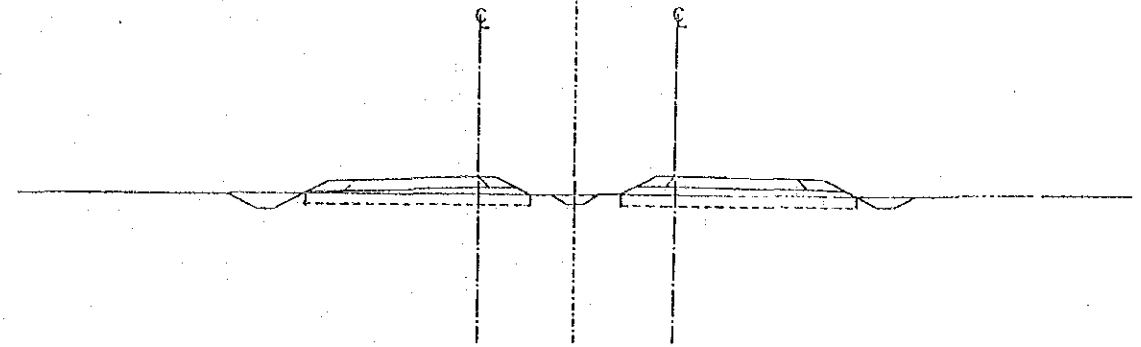
SCALES	
1 : 200	

NAIROBI BYPASS	
CROSS SECTION	

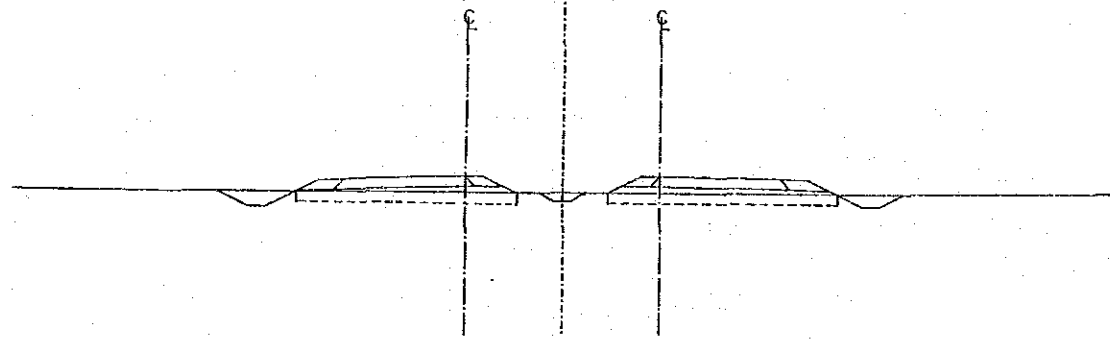
CH. 2+280 CH. 2+280
 PI=1658.485 PI=1658.485
 GI=1657.60 GI=1657.63



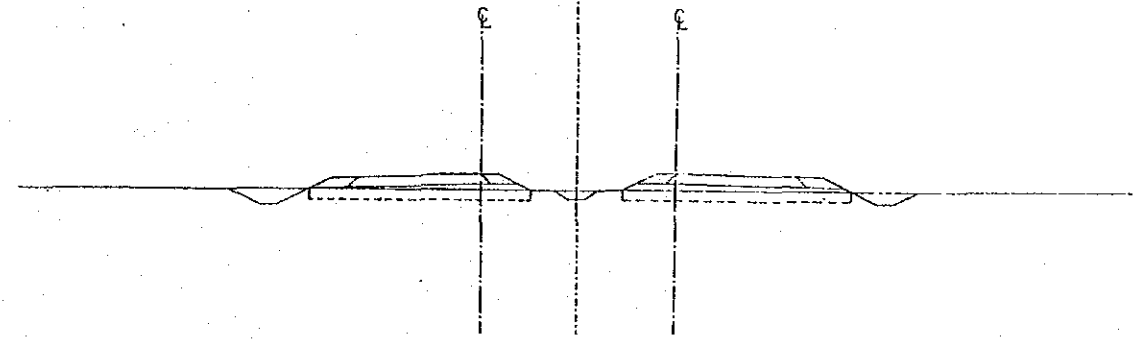
CH. 2+360 CH. 2+360
 PI=1659.093 PI=1659.093
 GI=1658.13 GI=1658.05



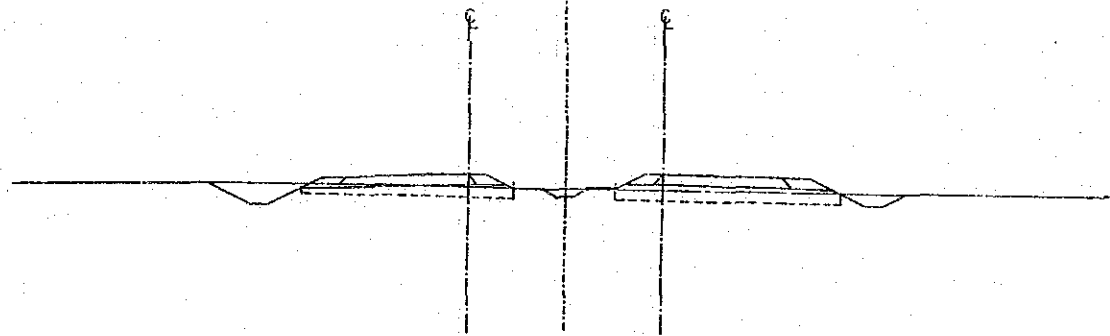
CH. 2+300 CH. 2+300
 PI=1658.637 PI=1658.637
 GI=1657.71 GI=1657.66



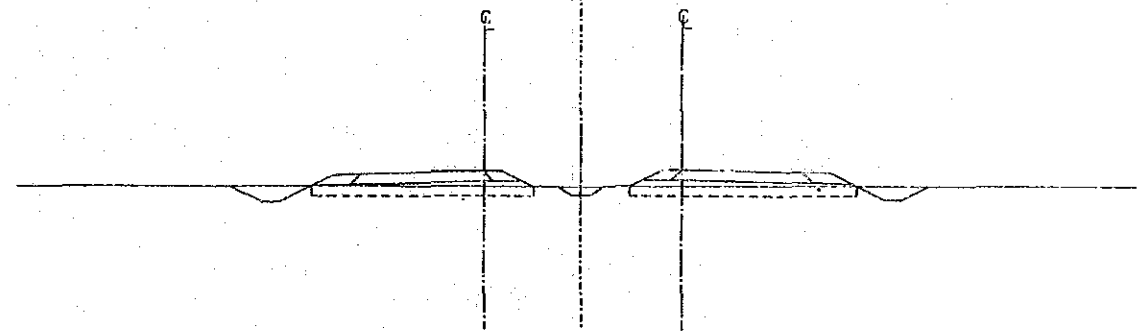
CH. 2+380 CH. 2+380
 PI=1659.245 PI=1659.245
 GI=1658.34 GI=1658.27



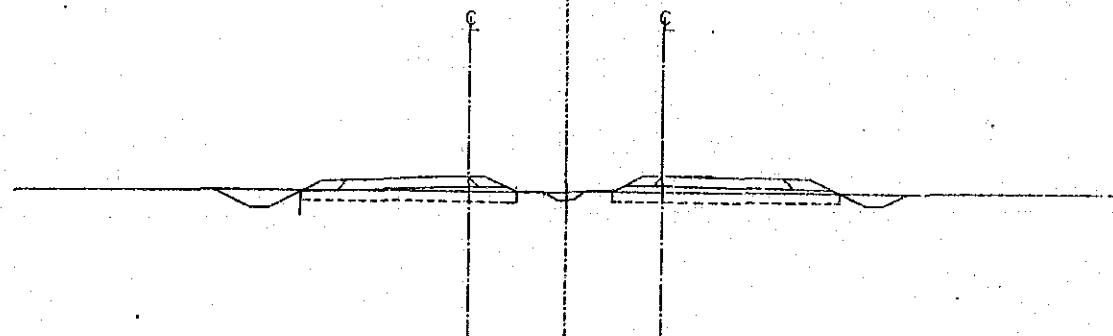
CH. 2+320 CH. 2+320
 PI=1658.789 PI=1658.789
 GI=1658.07 GI=1657.87



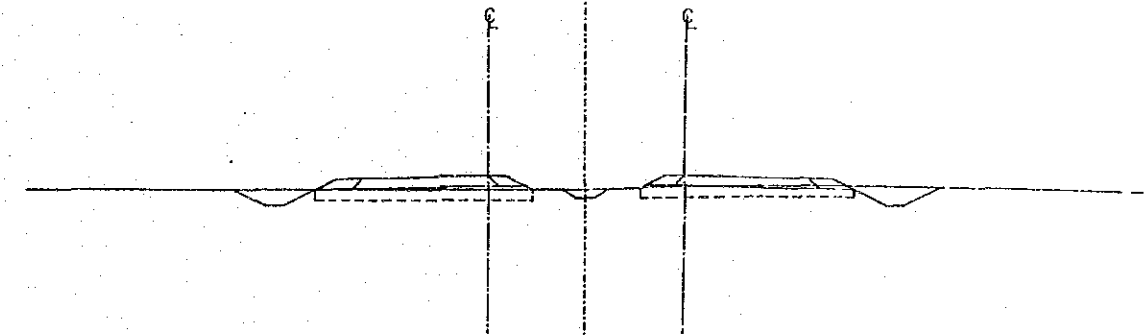
CH. 2+400 CH. 2+400
 PI=1659.397 PI=1659.397
 GI=1658.50 GI=1658.45



CH. 2+340 CH. 2+340
 PI=1658.941 PI=1658.941
 GI=1658.10 GI=1658.00



CH. 2+420 CH. 2+420
 PI=1659.549 PI=1659.549
 GI=1658.78 GI=1658.91



SURVEYED BY
 TRACED BY
 CHECKED BY
 AERIAL PHOTO BY
 MAPPING BY
 LOCATION BY

M.O.P.W. ROADS DEPT. DRG. NO.

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL
 COOPERATION AGENCY

CHIEF ENGINEER (ROADS)
 CHIEF SUPT. ENG. (DESIGN)

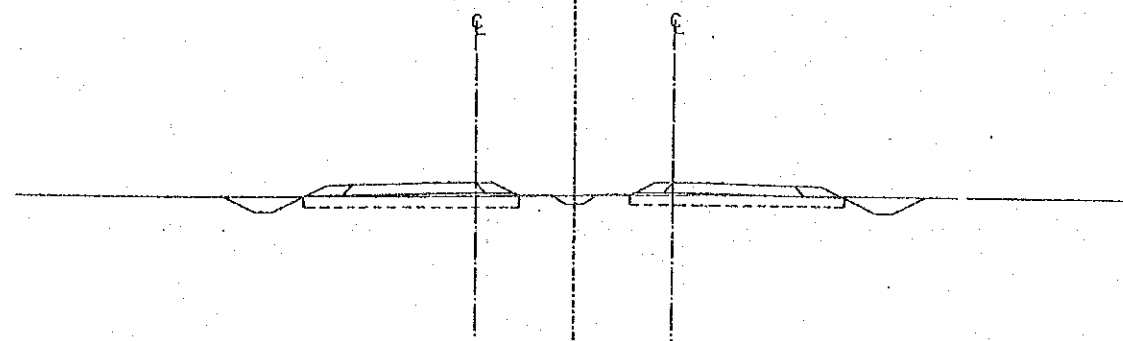
SEN. SUPT. ENG. (DESIGN)
 SUPT. ENGINEER (DESIGN)
 PROJECT ENGINEER

SCALES
 1 : 200

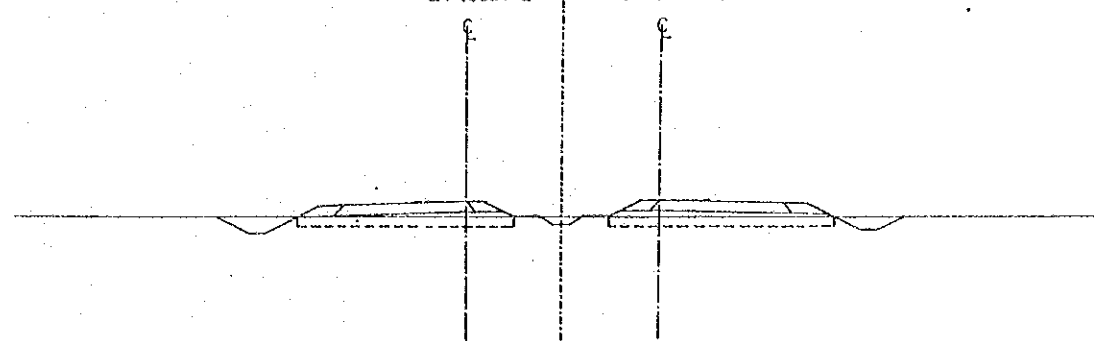
NAIROBI BYPASS
 CROSS SECTION

SHEET 16 OF 196

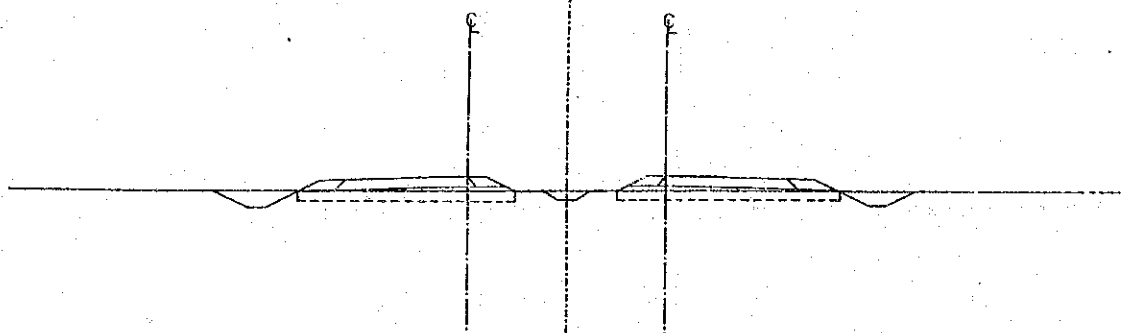
CH. 2+440 CH. 2+440
 PI=1659.701 PI=1659.701
 GI=1658.93 GI=1658.97



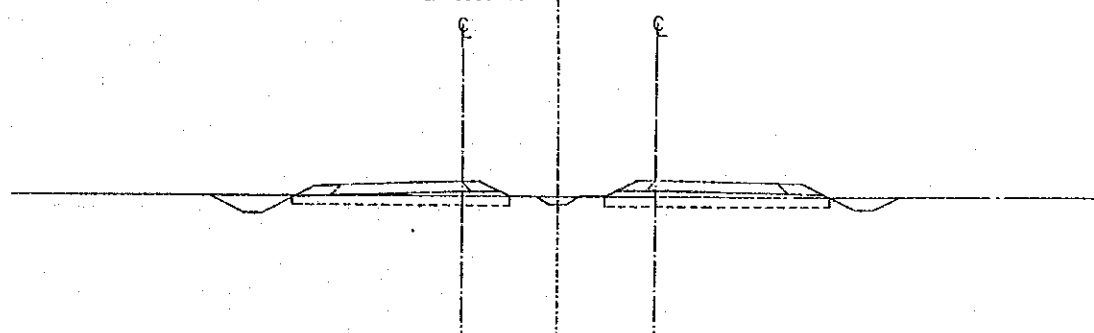
CH. 2+520 CH. 2+520
 PI=1660.309 PI=1660.309
 GI=1659.42 GI=1659.41



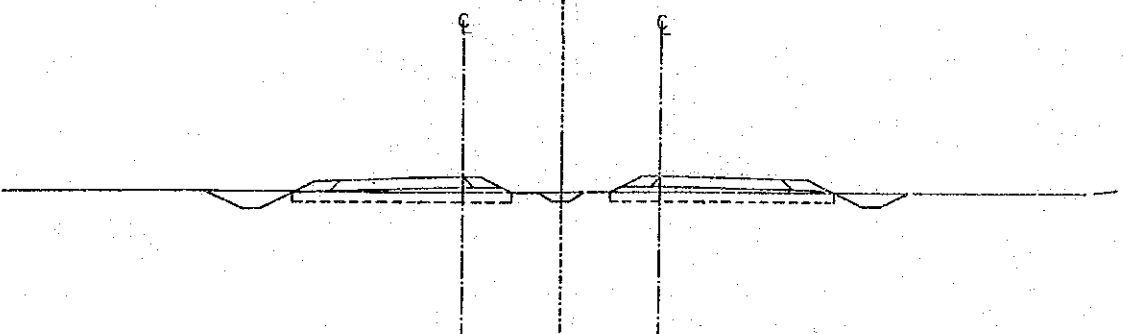
CH. 2+460 CH. 2+460
 PI=1659.853 PI=1659.853
 GI=1659.02 GI=1659.00



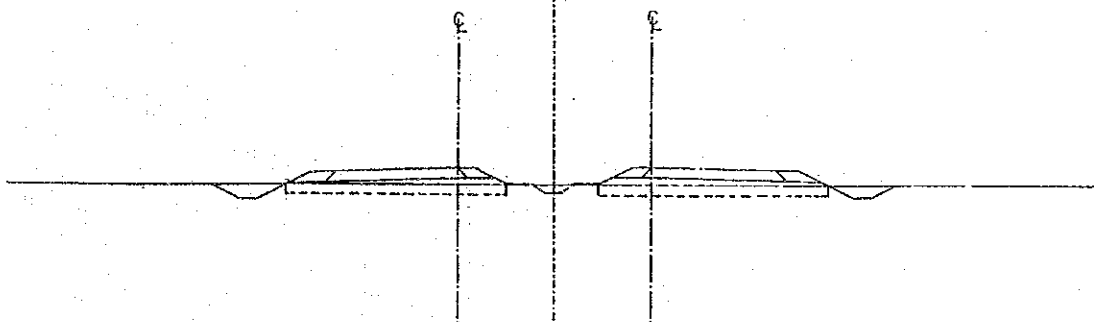
CH. 2+540 CH. 2+540
 PI=1660.461 PI=1660.461
 GI=1659.61 GI=1659.52



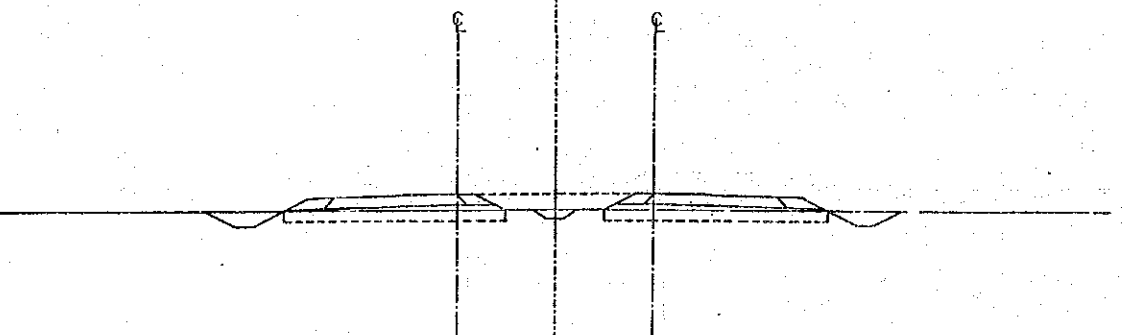
CH. 2+480 CH. 2+480
 PI=1660.005 PI=1660.005
 GI=1659.14 GI=1659.10



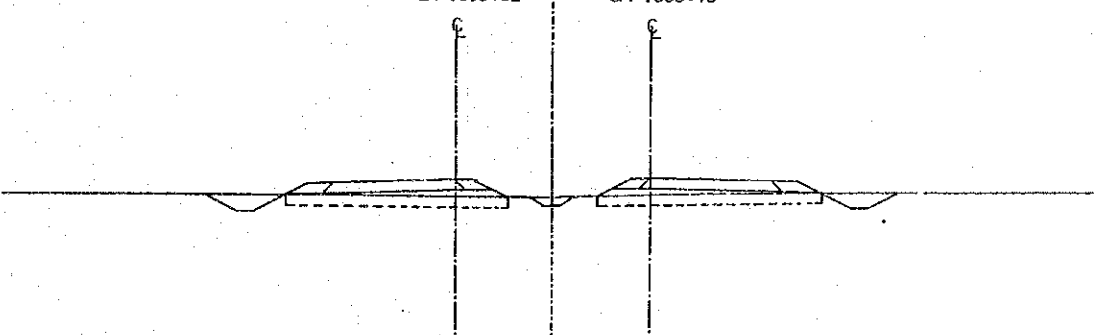
CH. 2+560 CH. 2+560
 PI=1660.613 PI=1660.613
 GI=1659.67 GI=1659.68



CH. 2+500 CH. 2+500
 PI=1660.157 PI=1660.157
 GI=1659.29 GI=1659.22



CH. 2+580 CH. 2+580
 PI=1660.765 PI=1660.765
 GI=1659.82 GI=1659.76



AERIAL PHOTO BY _____ SURVEYED BY _____
 MAPPING BY _____ TRACED BY _____
 LOCATION BY _____ CHECKED BY _____

M.O.P.W. ROADS DEPT. DRG. NO.

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL COOPERATION AGENCY
 CHIEF ENGINEER (ROADS)
 CHIEF SUPT. ENG. (DESIGN)

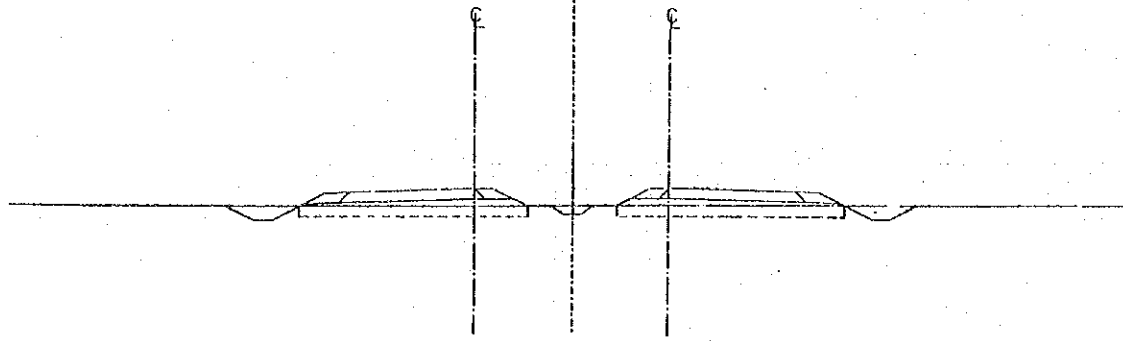
SEN. SUPT. ENG. (DESIGN)
 SUPT. ENGINEER (DESIGN)
 PROJECT ENGINEER

SCALES
 1 : 200

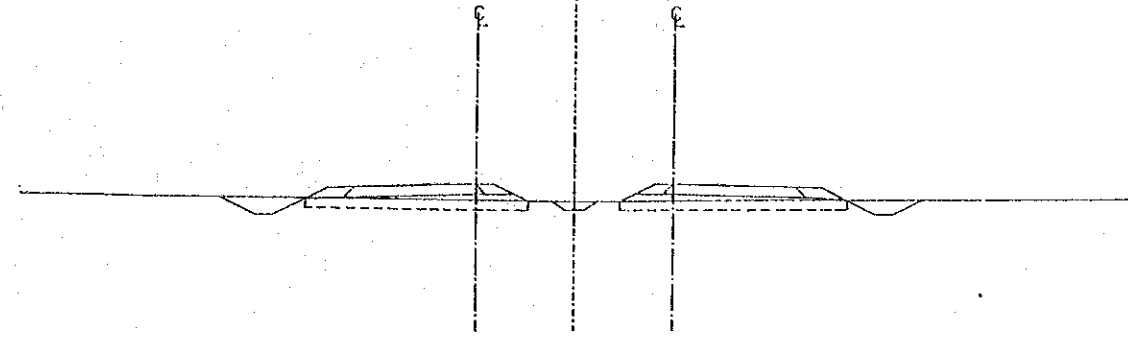
NAIROBI BYPASS
 CROSS SECTION

SHEET 17 OF 196

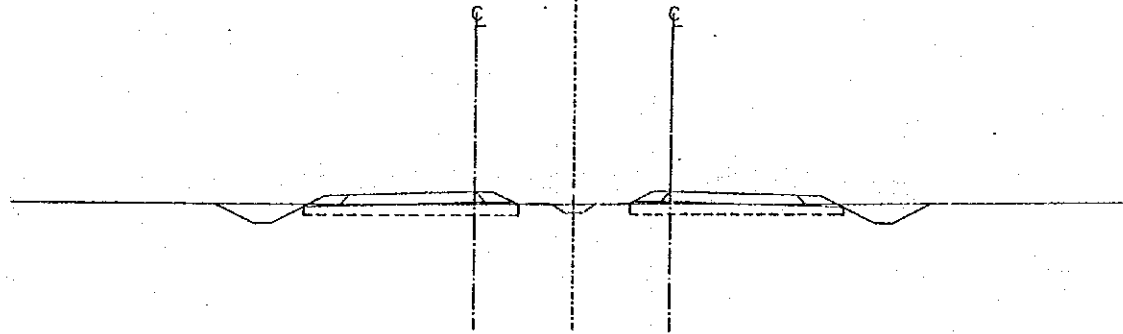
CH. 2+600 CH. 2+600
 PI=1660.917 PI=1660.917
 GI=1659.92 GI=1659.93



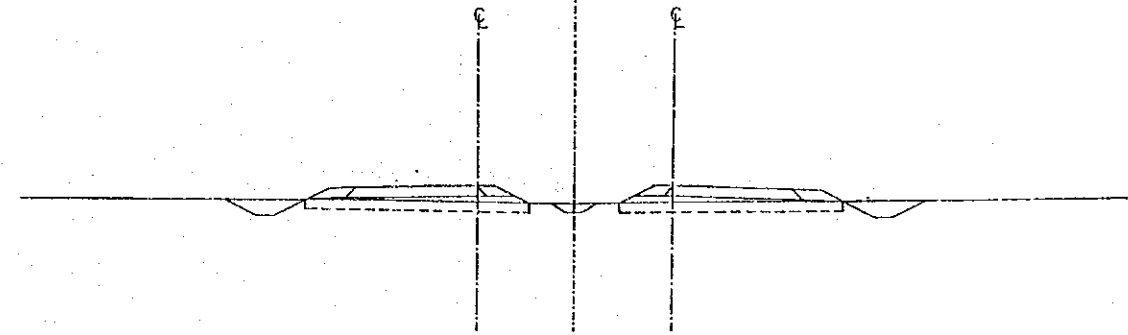
CH. 2+680 CH. 2+680
 PI=1661.525 PI=1661.525
 GI=1660.61 GI=1660.57



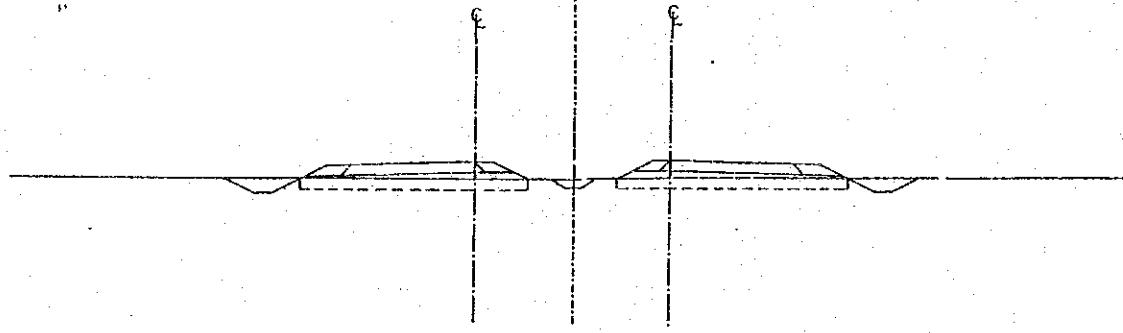
CH. 2+620 CH. 2+620
 PI=1661.069 PI=1661.069
 GI=1660.37 GI=1660.38



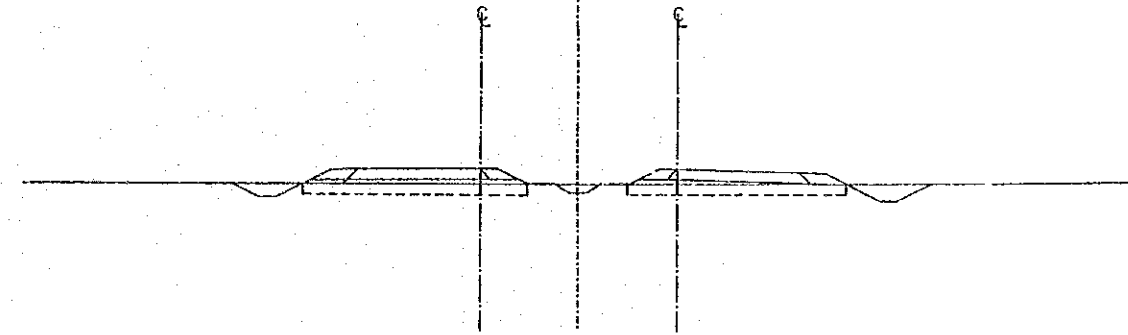
CH. 2+700 CH. 2+700
 PI=1661.677 PI=1661.677
 GI=1660.76 GI=1660.75



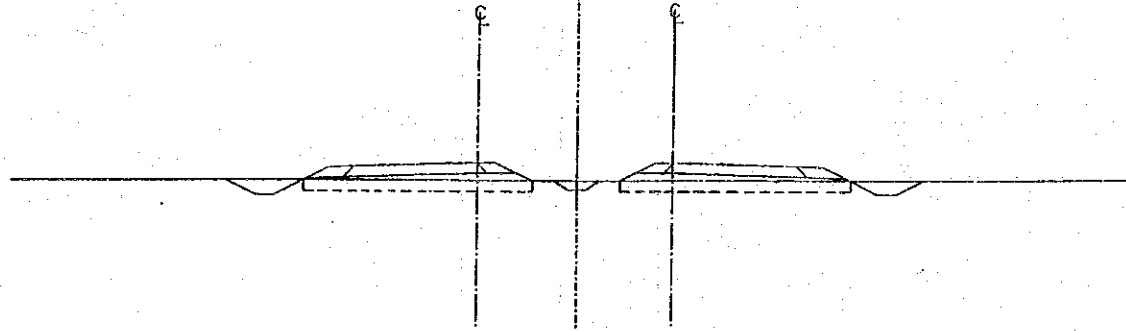
CH. 2+640 CH. 2+640
 PI=1661.221 PI=1661.221
 GI=1660.24 GI=1660.23



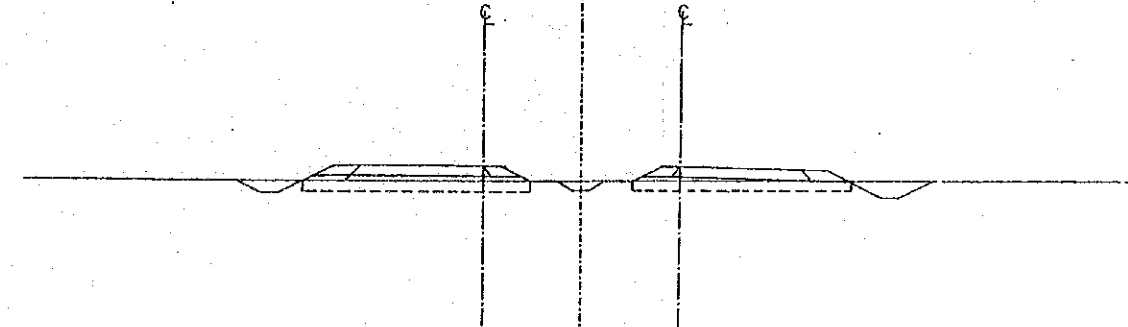
CH. 2+720 CH. 2+720
 PI=1661.829 PI=1661.829
 GI=1660.97 GI=1660.93



CH. 2+660 CH. 2+660
 PI=1661.373 PI=1661.373
 GI=1660.41 GI=1660.40



CH. 2+727 CH. 2+727.035
 PI=1661.882 PI=1661.882
 GI=1661.04 GI=1661.08



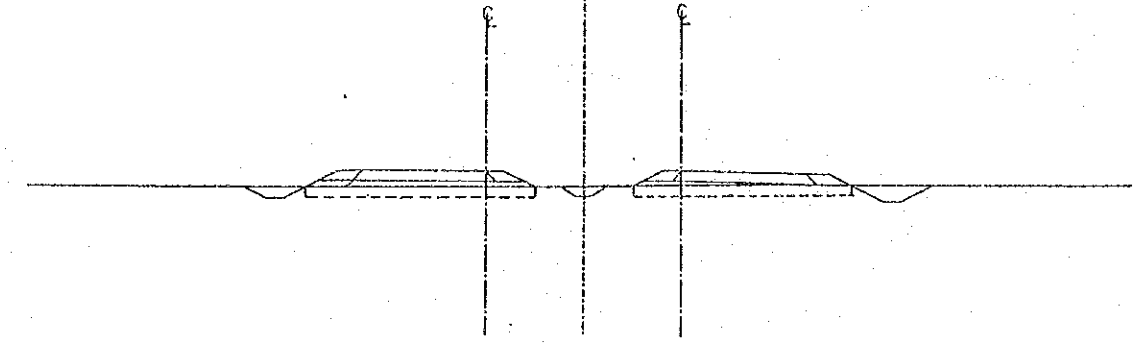
AERIAL PHOTO BY _____ SURVEYED BY _____
 MAPPING BY _____ TRACED BY _____
 LOCATION BY _____ CHECKED BY _____

M.O.P.W. ROADS DEPT. DRG. NO.

REVISIONS		JAPAN INTERNATIONAL COOPERATION AGENCY	CHIEF ENGINEER (ROADS) CHIEF SUPT. ENG. (DESIGN)	SEN. SUPT. ENG. (DESIGN) SUPT. ENGINEER (DESIGN) PROJECT ENGINEER	SCALES 1 : 200	NAIROBI BYPASS CROSS SECTION	SHEET 18 OF 196
DESCRIPTION	DATE						

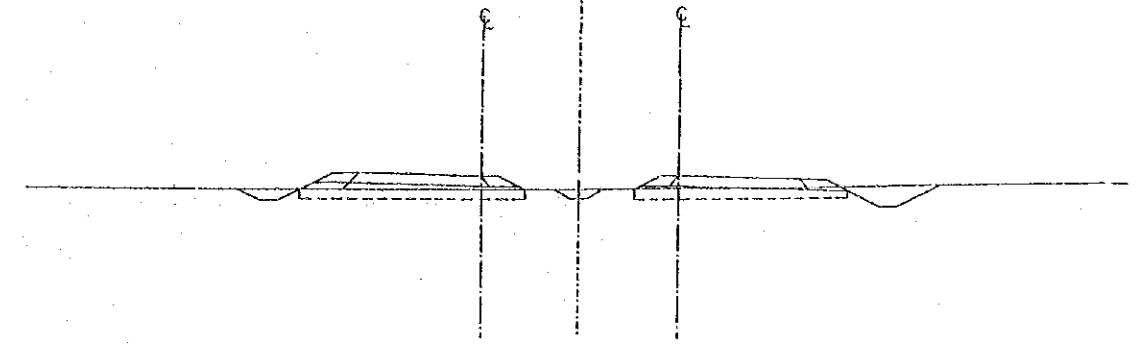
CH. 2+740
 PI=1661.981
 G=1661.12

CH. 2+740
 PI=1661.981
 G=1661.17



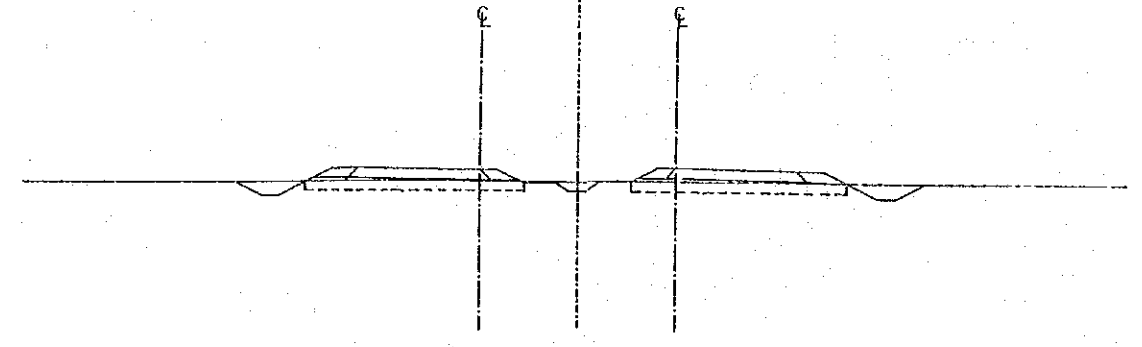
CH. 2+820
 PI=1662.589
 G=1661.86

CH. 2+820
 PI=1662.589
 G=1661.89



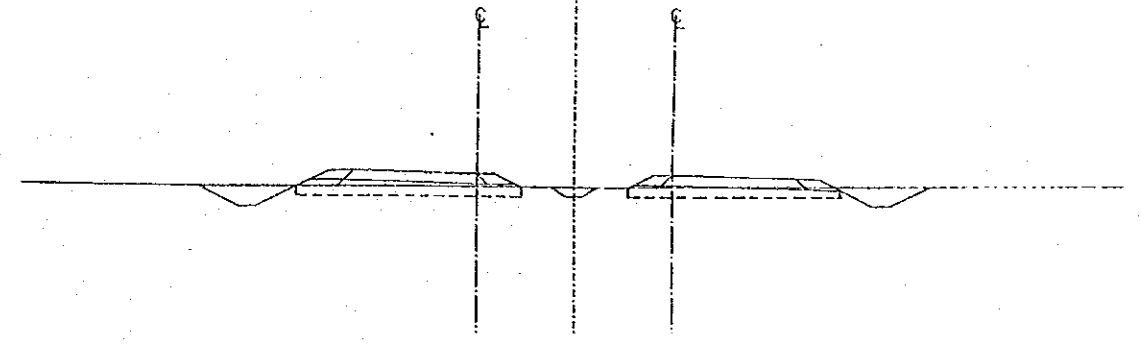
CH. 2+760
 PI=1662.133
 G=1661.49

CH. 2+760
 PI=1662.133
 G=1661.36



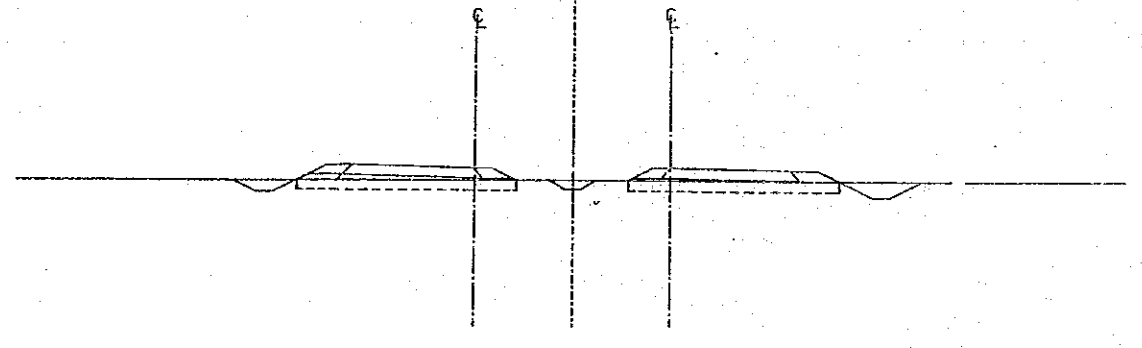
CH. 2+840
 PI=1662.741
 G=1662.02

CH. 2+840
 PI=1662.741
 G=1662.05



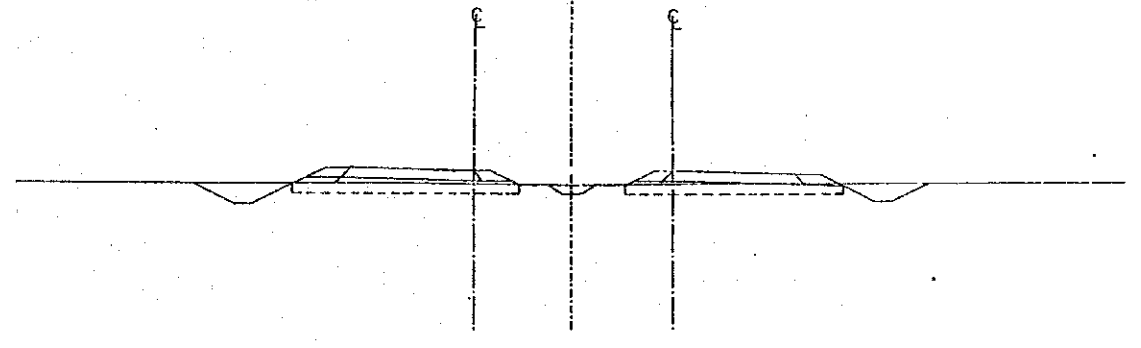
CH. 2+780
 PI=1662.285
 G=1661.61

CH. 2+780
 PI=1662.285
 G=1661.56



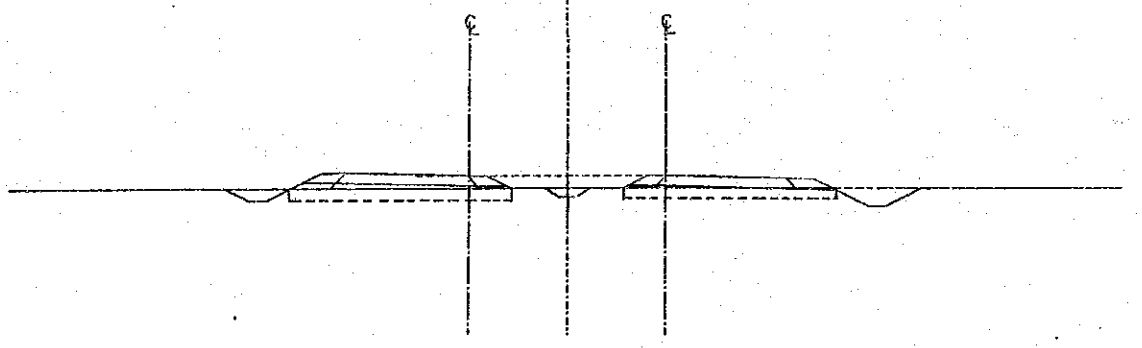
CH. 2+860
 PI=1662.893
 G=1662.15

CH. 2+860
 PI=1662.893
 G=1662.15



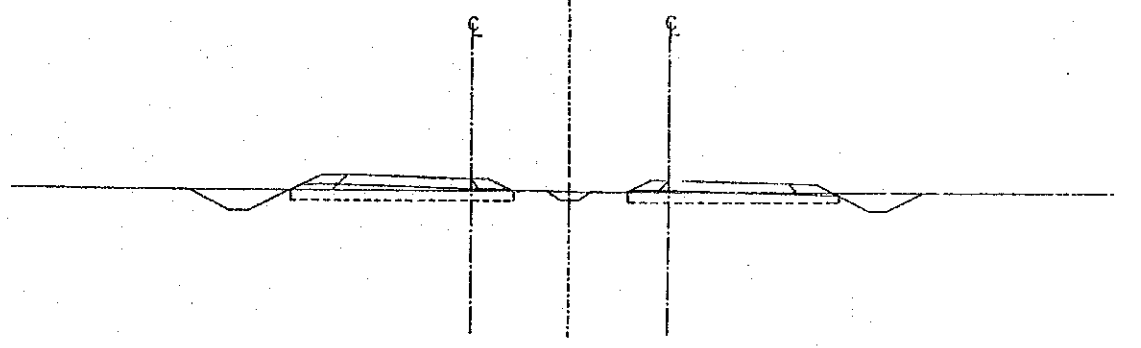
CH. 2+800
 PI=1662.437
 G=1661.72

CH. 2+800
 PI=1662.437
 G=1661.74



CH. 2+880
 PI=1663.045
 G=1662.36

CH. 2+880
 PI=1663.045
 G=1662.39



AERIAL PHOTO BY _____ SURVEYED BY _____
 MAPPING BY _____ TRACED BY _____
 LOCATION BY _____ CHECKED BY _____

M.O.P.W. ROADS DEPT DRG NO.

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL
 COOPERATION AGENCY

CHIEF ENGINEER (ROADS)
 CHIEF SUPT. ENG. (DESIGN)

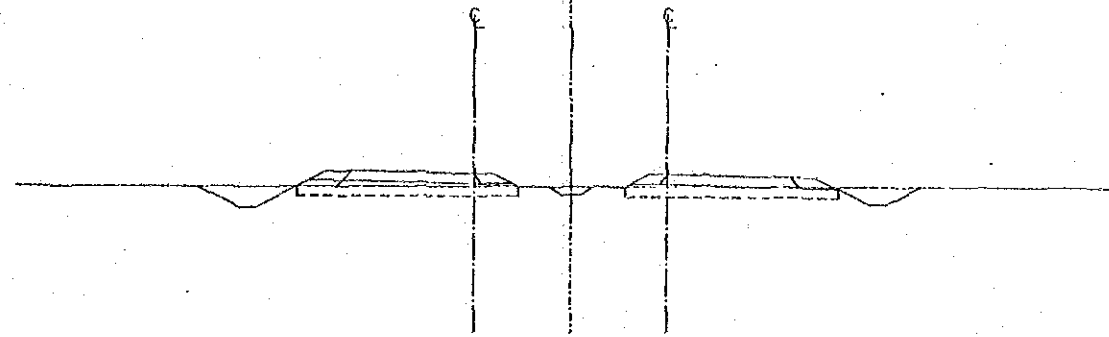
SEN. SUPT. ENG. (DESIGN)
 SUPT. ENGINEER (DESIGN)
 PROJECT ENGINEER

SCALES
 1 : 200

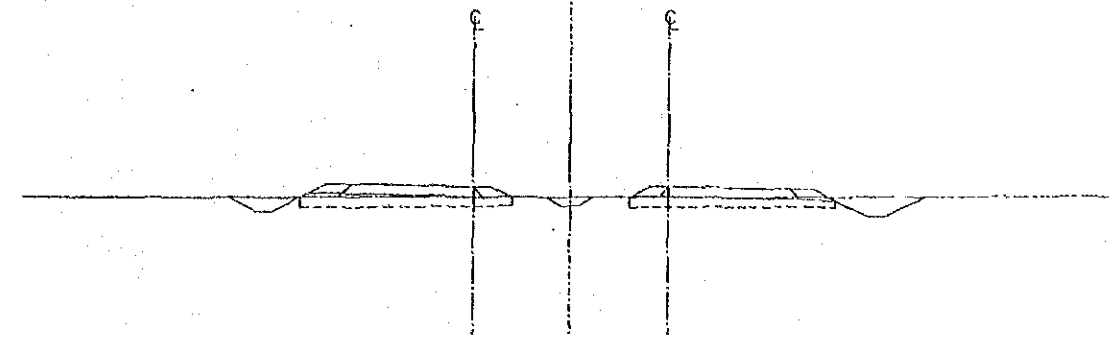
NAIROBI BYPASS
 CROSS SECTION

SHEET 19 OF 196

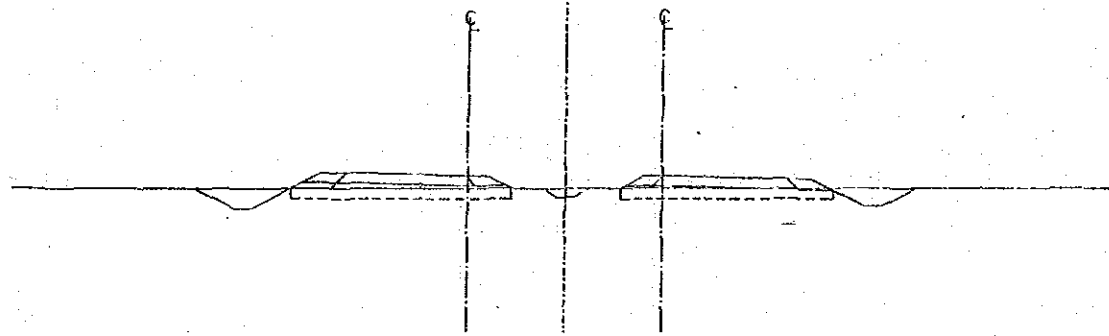
CH. 2+900 CH. 2+900
 PI=1663.197 PI=1663.197
 GI=1662.47 GI=1662.47



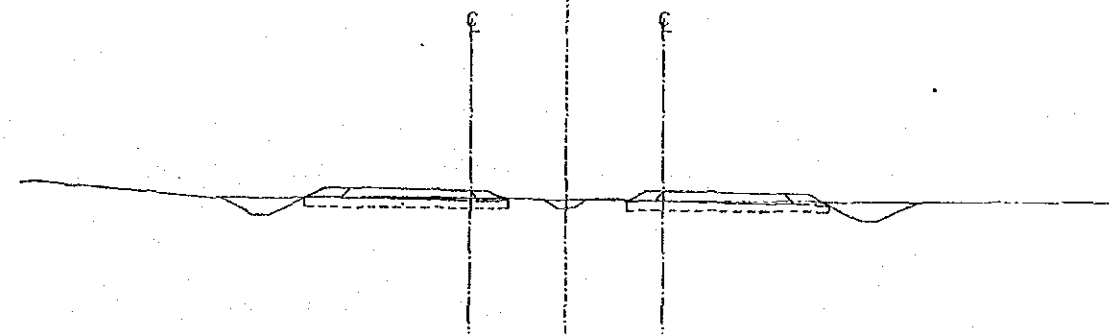
CH. 2+980 CH. 2+980
 PI=1663.805 PI=1663.805
 GI=1663.21 GI=1663.18



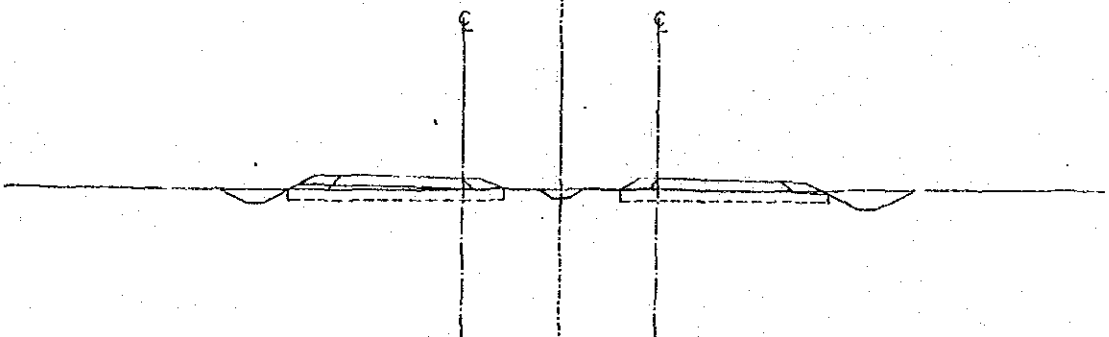
CH. 2+920 CH. 2+920
 PI=1663.349 PI=1663.349
 GI=1662.63 GI=1662.64



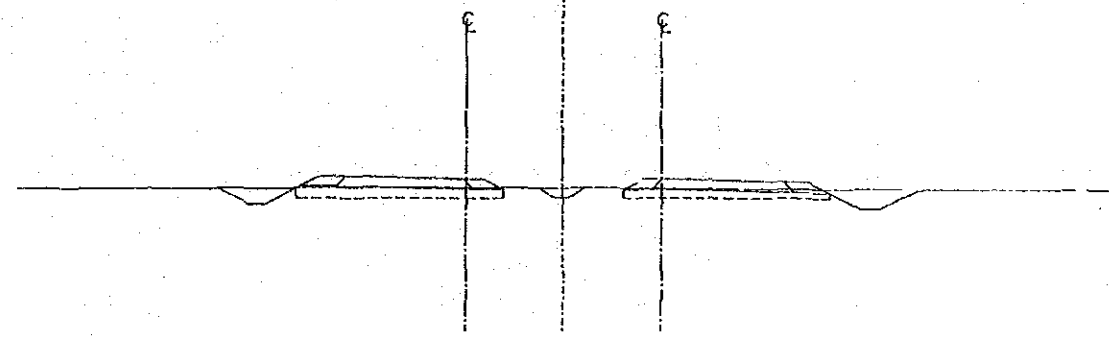
CH. 3+0 CH. 3+0
 PI=1663.957 PI=1663.957
 GI=1663.53 GI=1663.41



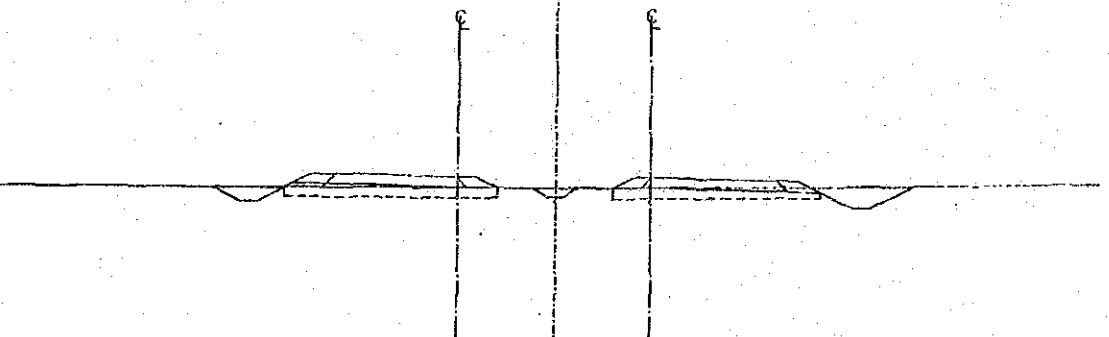
CH. 2+940 CH. 2+940
 PI=1663.501 PI=1663.501
 GI=1662.86 GI=1662.82



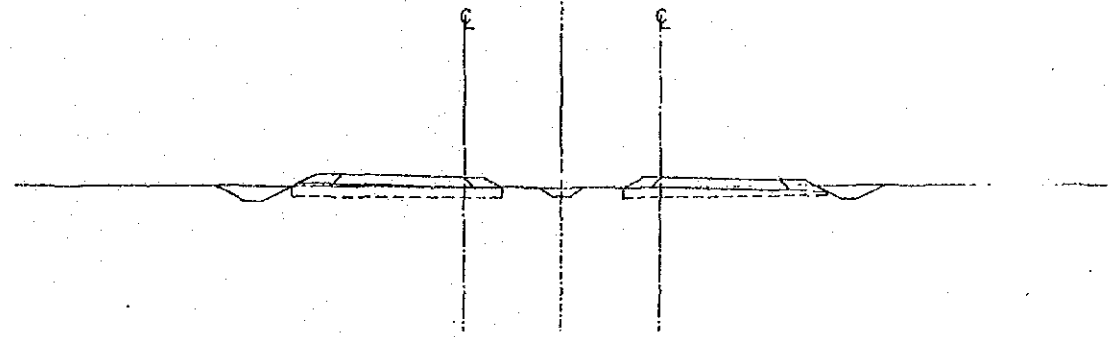
CH. 3+20 CH. 3+20
 PI=1664.109 PI=1664.109
 GI=1663.63 GI=1663.57



CH. 2+960 CH. 2+960
 PI=1663.653 PI=1663.653
 GI=1663.05 GI=1663.07



CH. 3+40 CH. 3+40
 PI=1664.261 PI=1664.261
 GI=1663.70 GI=1663.72



SURVEYED BY
 MAPPING BY
 LOCATION BY
 TRACED BY
 CHECKED BY

M.O.P.W. ROADS DEPT. DRG. NO.

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL
COOPERATION AGENCY

CHIEF ENGINEER (ROADS)
CHIEF SUPT. ENG. (DESIGN)

SEN. SUPT. ENG. (DESIGN)
SUPT. ENGINEER (DESIGN)
PROJECT ENGINEER

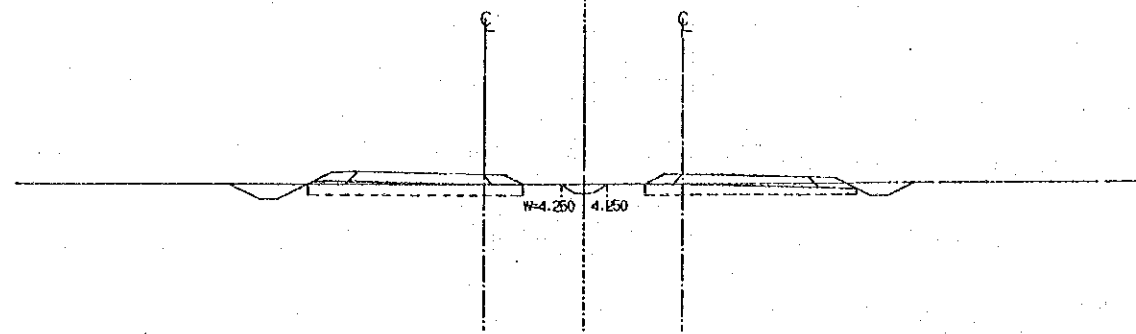
SCALES
1 : 200

NAIROBI BYPASS
CROSS SECTION

SHEET 200F196

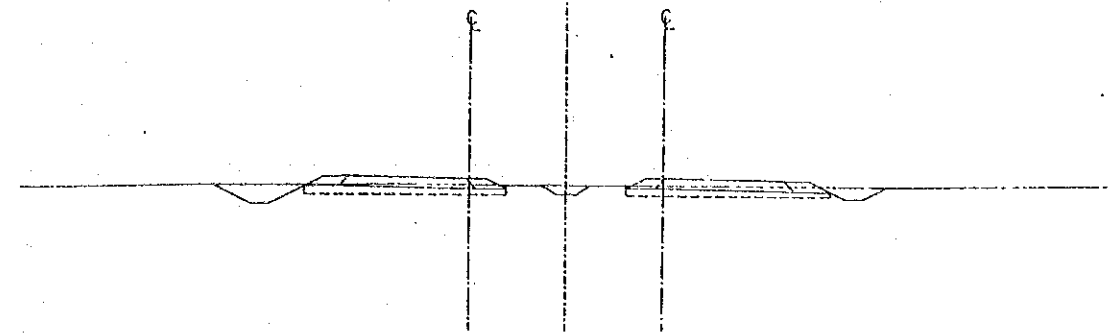
CH. 3+60
 PI=1664.413
 G=1663.86

CH. 3+60
 PI=1664.413
 G=1663.86



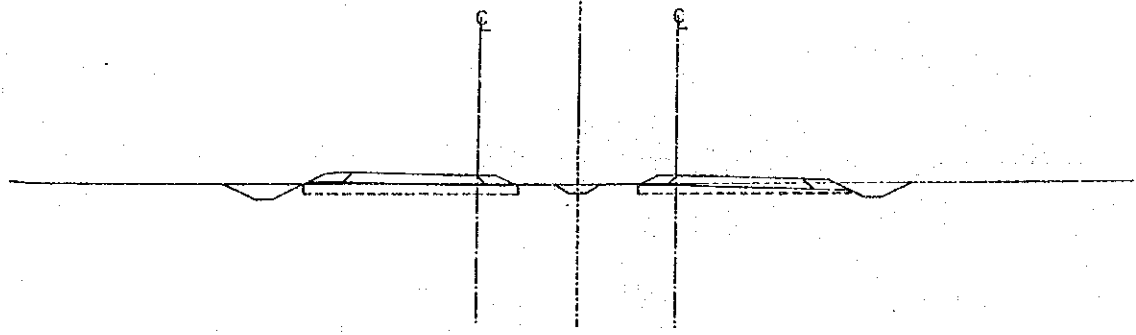
CH. 3+140
 PI=1665.021
 G=1664.67

CH. 3+140
 PI=1665.021
 G=1664.58



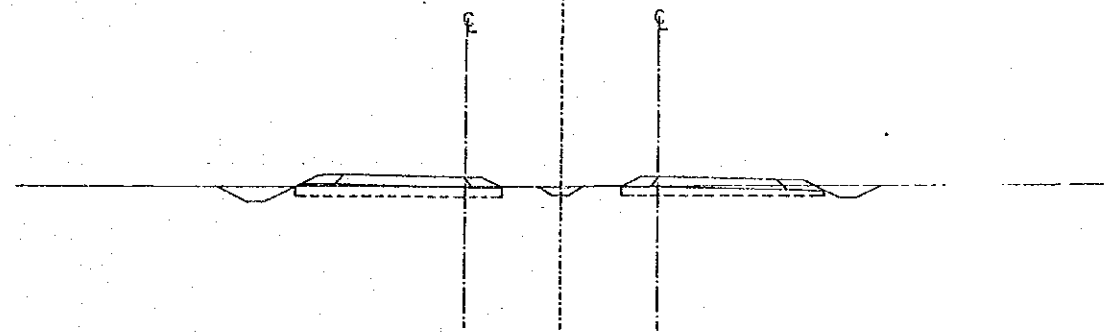
CH. 3+80
 PI=1664.565
 G=1664.06

CH. 3+80
 PI=1664.565
 G=1664.09



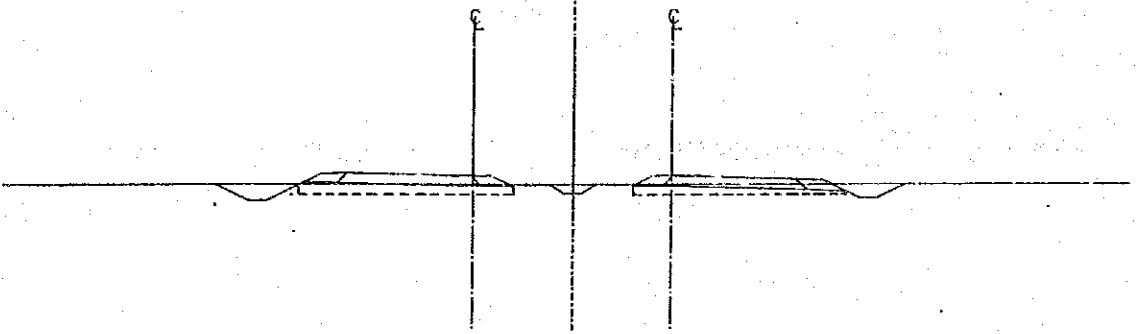
CH. 3+160
 PI=1665.173
 G=1664.65

CH. 3+160
 PI=1665.173
 G=1664.64



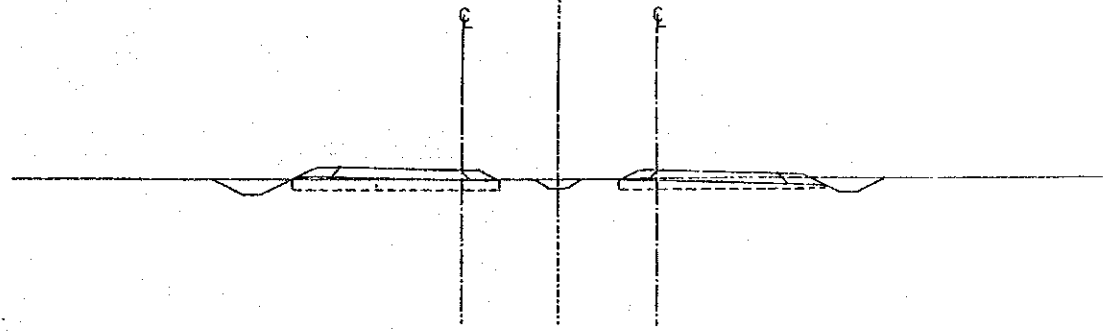
CH. 3+100
 PI=1664.717
 G=1664.24

CH. 3+100
 PI=1664.717
 G=1664.23



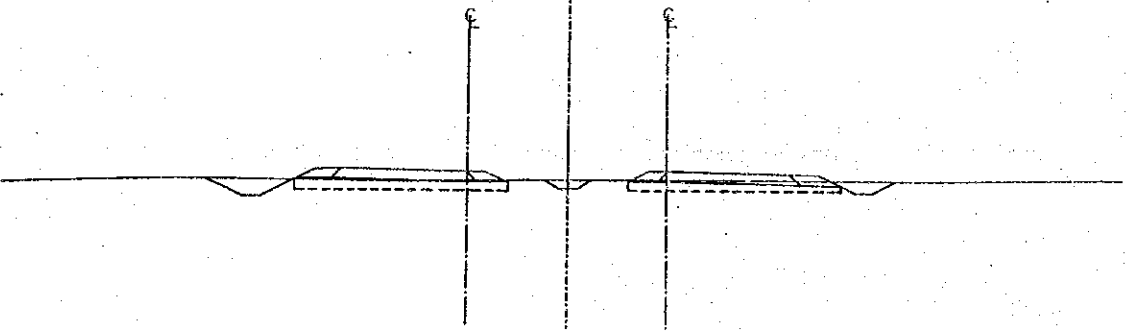
CH. 3+180
 PI=1665.325
 G=1664.81

CH. 3+180
 PI=1665.325
 G=1664.87



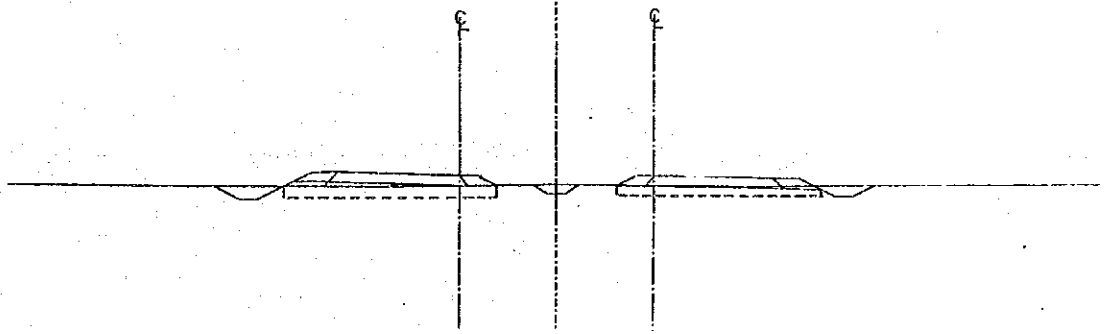
CH. 3+120
 PI=1664.869
 G=1664.36

CH. 3+120
 PI=1664.869
 G=1664.39



CH. 3+200
 PI=1665.477
 G=1664.90

CH. 3+200
 PI=1665.477
 G=1664.91



SURVEYED BY	BY
TRACED BY	BY
CHECKED BY	BY
AERIAL PHOTO BY	BY
MAPPING BY	BY
LOCATION BY	BY

M.O.P.W. ROADS DEPT. DRG. NO.

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL
 COOPERATION AGENCY

CHIEF ENGINEER (ROADS)
 CHIEF SUPT. ENG. (DESIGN)

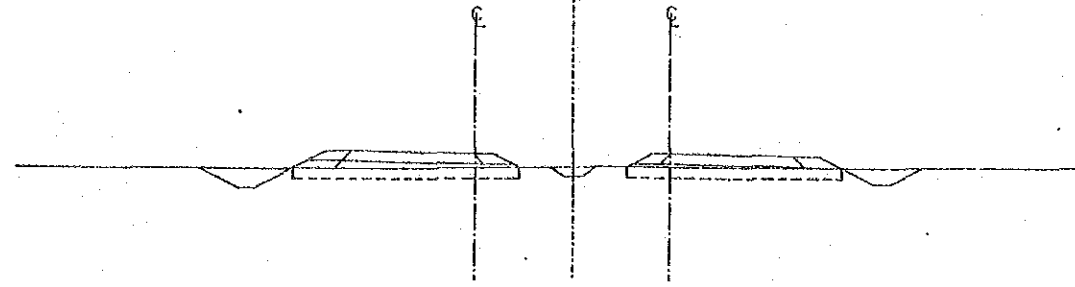
SEN. SUPT. ENG. (DESIGN)
 SUPT. ENGINEER (DESIGN)
 PROJECT ENGINEER

SCALES
 1 : 200

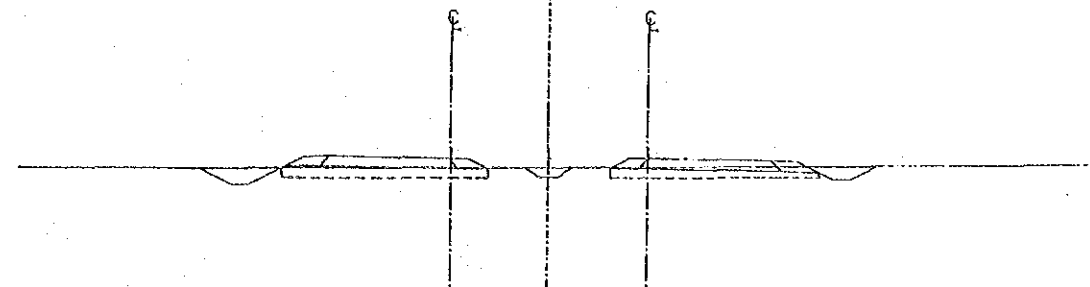
NAIROBI BYPASS
 CROSS SECTION

SHEET 21 OF 196

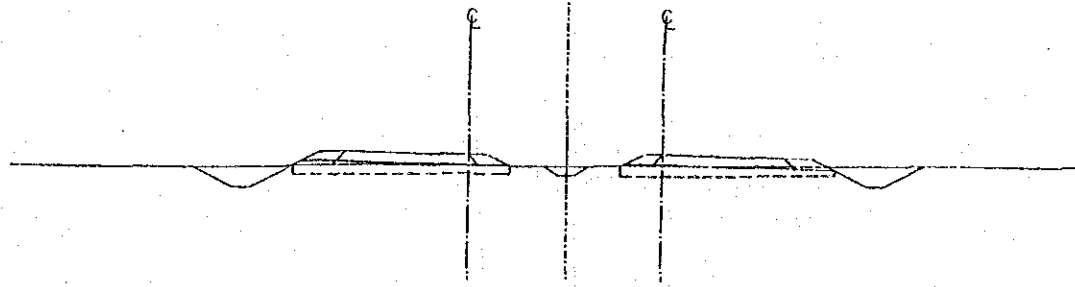
CH. 3+220 CH. 3+220
 PI=1665.629 PI=1665.629
 GI=1664.87 GI=1664.87



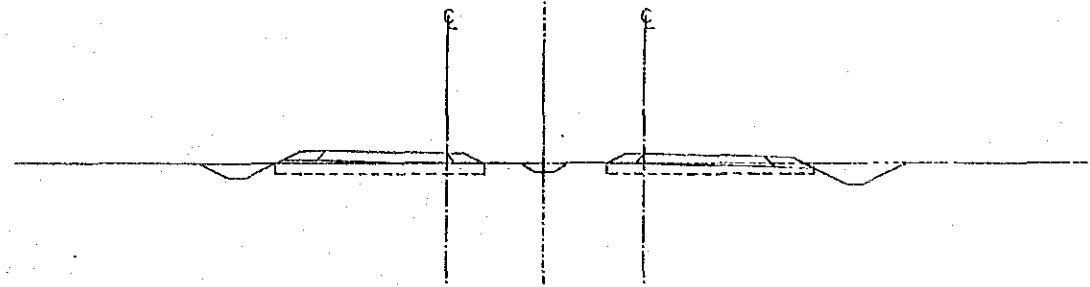
CH. 3+300 CH. 3+300
 PI=1666.237 PI=1666.237
 GI=1665.73 GI=1665.73



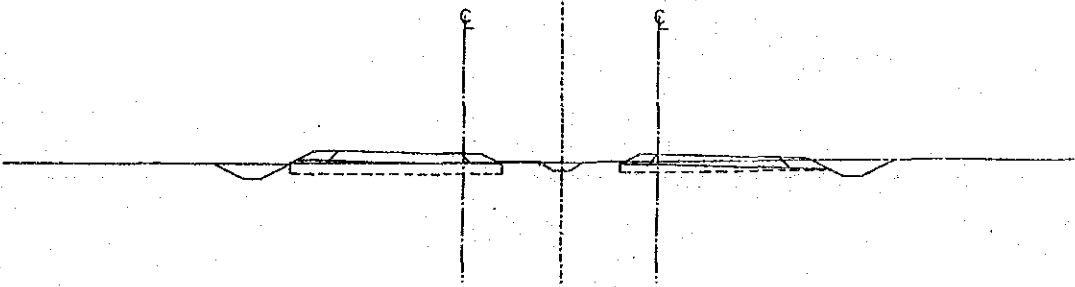
CH. 3+240 CH. 3+240
 PI=1665.781 PI=1665.781
 GI=1665.16 GI=1665.12



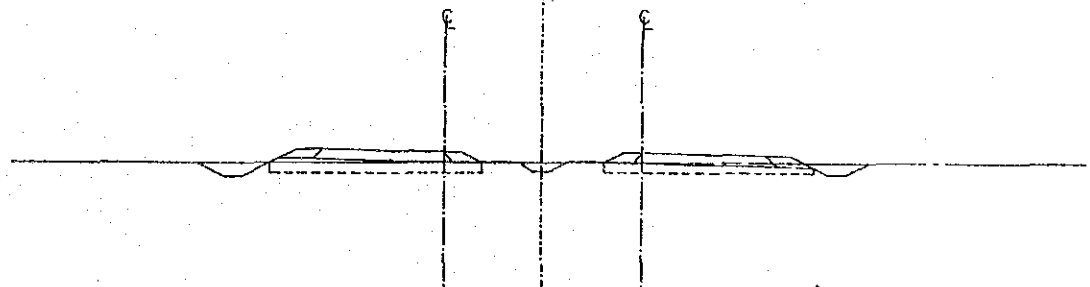
CH. 3+320 CH. 3+320
 PI=1666.389 PI=1666.389
 GI=1665.84 GI=1665.86



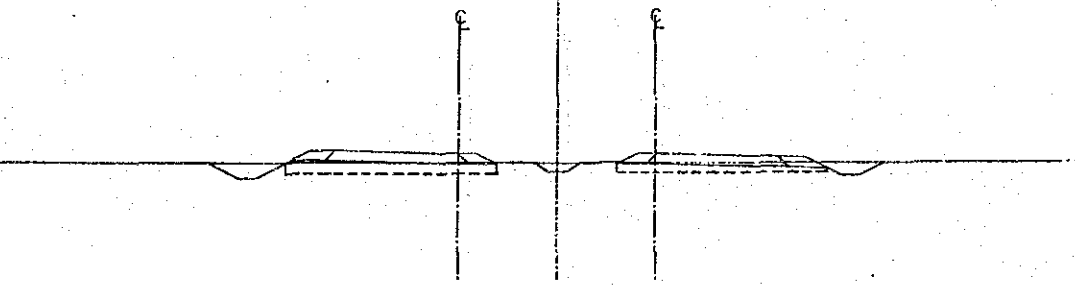
CH. 3+260 CH. 3+260
 PI=1665.933 PI=1665.933
 GI=1665.43 GI=1665.53



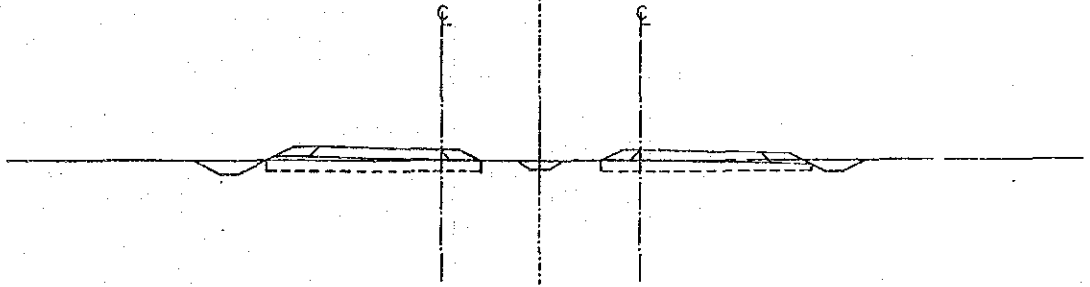
CH. 3+340 CH. 3+340
 PI=1666.541 PI=1666.541
 GI=1665.96 GI=1665.99



CH. 3+280 CH. 3+280
 PI=1666.085 PI=1666.085
 GI=1665.57 GI=1665.57



CH. 3+360 CH. 3+360
 PI=1666.693 PI=1666.693
 GI=1666.09 GI=1666.11



AERIAL PHOTO BY _____
 MAPPING BY _____
 LOCATION BY _____
 SURVEYED BY _____
 TRACED BY _____
 CHECKED BY _____

M.O.P.W. ROADS DEPT. DRG. NO.

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL COOPERATION AGENCY
 CHIEF ENGINEER (ROADS)
 CHIEF SUPT. ENG. (DESIGN)

SEN. SUPT. ENG. (DESIGN)
 SUPT. ENGINEER (DESIGN)
 PROJECT ENGINEER

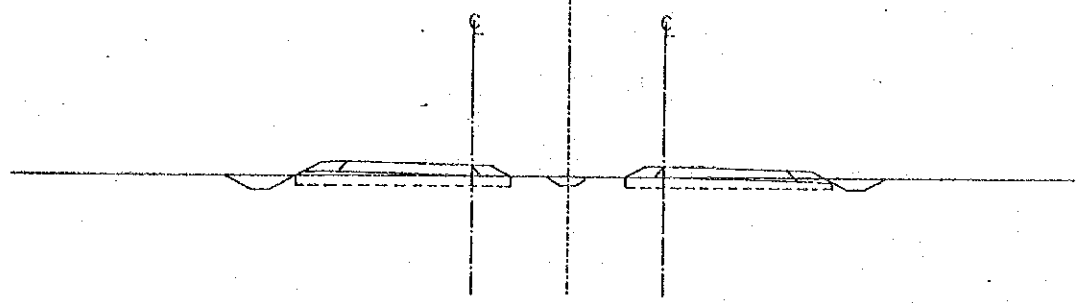
SCALES
 1 : 200

NAIROBI BYPASS
 CROSS SECTION

SHEET 22 OF 196

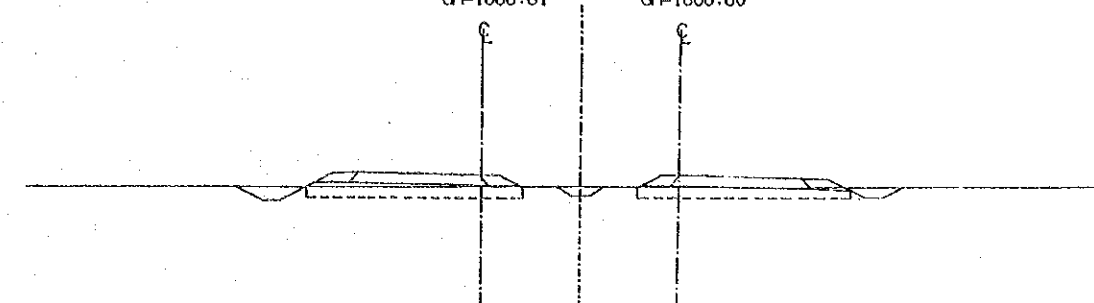
CH. 3+380
 PI=1666.845
 GI=1666.25

CH. 3+380
 PI=1666.845
 GI=1666.27



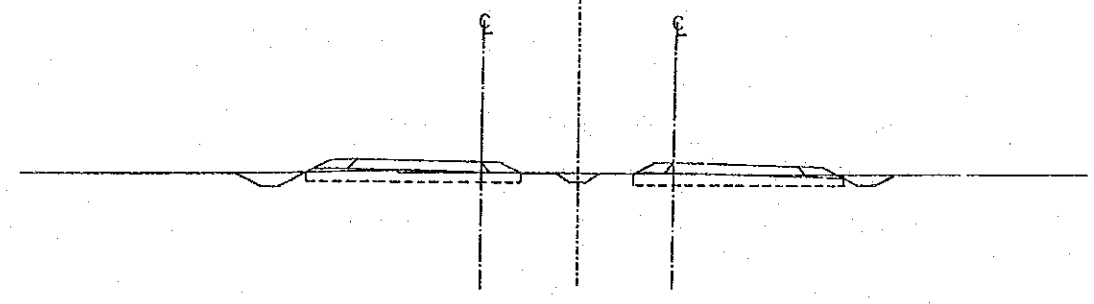
CH. 3+460
 PI=1667.453
 GI=1666.81

CH. 3+460
 PI=1667.453
 GI=1666.80



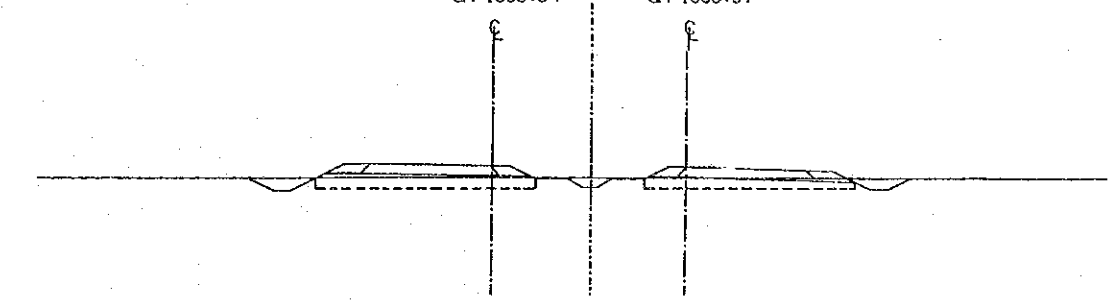
CH. 3+400
 PI=1666.997
 GI=1666.38

CH. 3+400
 PI=1666.997
 GI=1666.35



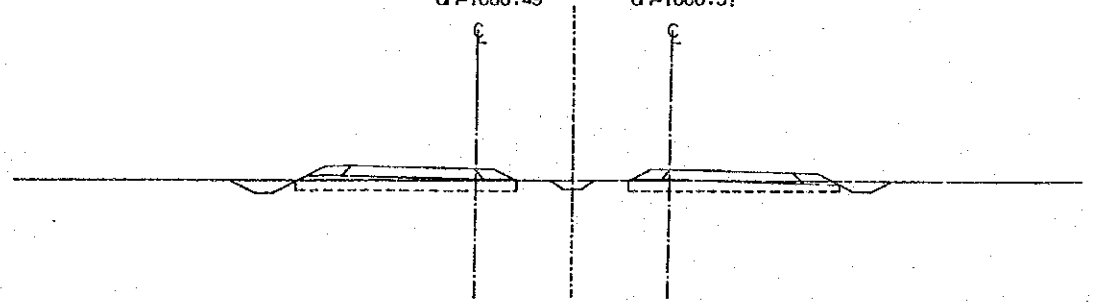
CH. 3+480
 PI=1667.605
 GI=1666.94

CH. 3+480
 PI=1667.605
 GI=1666.97



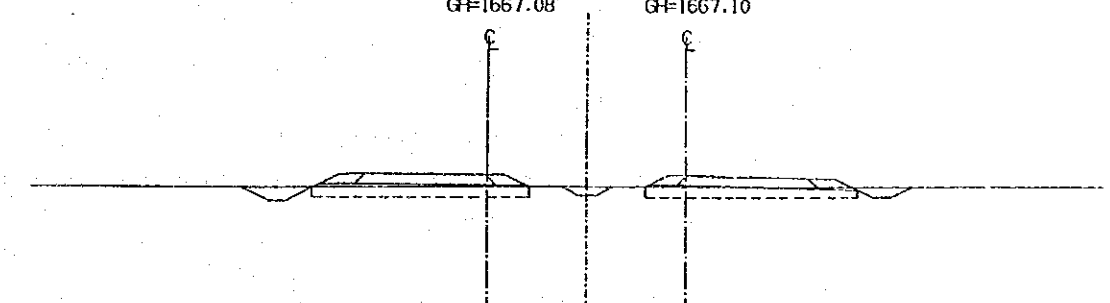
CH. 3+420
 PI=1667.149
 GI=1666.49

CH. 3+420
 PI=1667.149
 GI=1666.51



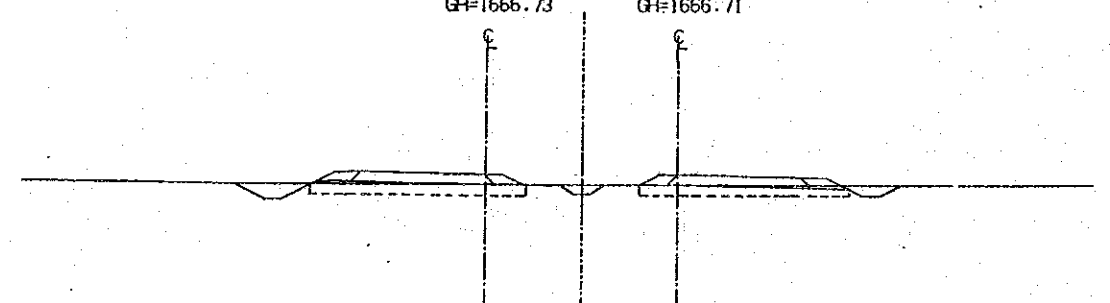
CH. 3+500
 PI=1667.757
 GI=1667.08

CH. 3+500
 PI=1667.757
 GI=1667.10



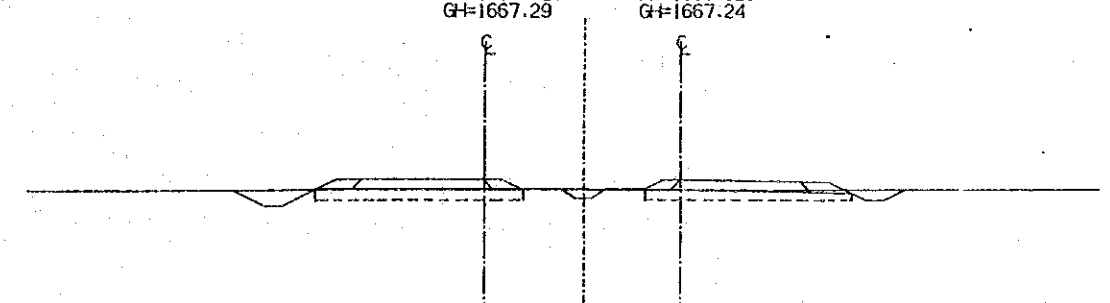
CH. 3+440
 PI=1667.301
 GI=1666.73

CH. 3+440
 PI=1667.301
 GI=1666.71



CH. 3+509
 PI=1667.828
 GI=1667.29

CH. 3+509.294
 PI=1667.828
 GI=1667.24



SURVEYED BY
 TRACED BY
 CHECKED BY
 AERIAL PHOTO BY
 MAPPING BY
 LOCATION BY
 MOPW ROADS DEPT. DRG NO.

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL
 COOPERATION AGENCY

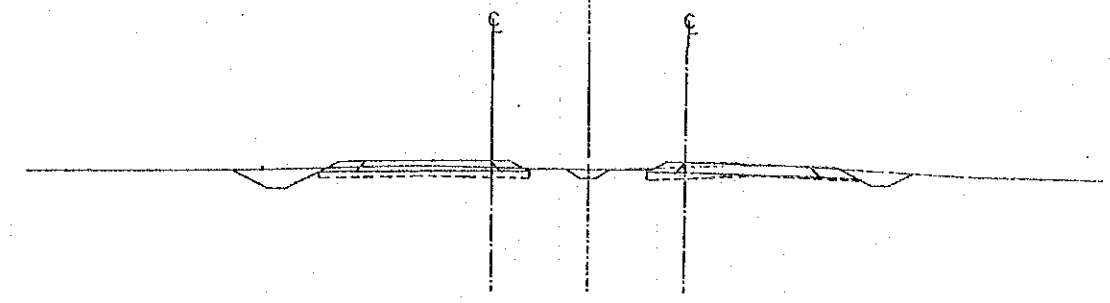
CHIEF ENGINEER (ROADS)
 CHIEF SUPT. ENG. (DESIGN)

SEN SUPT. ENG. (DESIGN)
 SUPT. ENGINEER (DESIGN)
 PROJECT ENGINEER

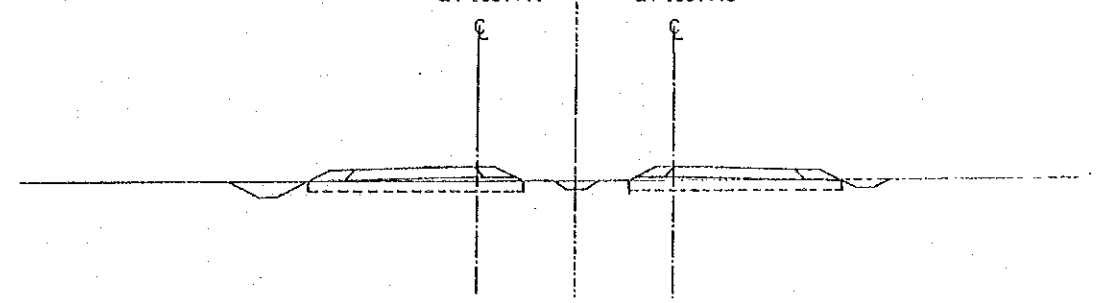
SCALES
 1 : 200

NAIROBI BYPASS
 CROSS SECTION

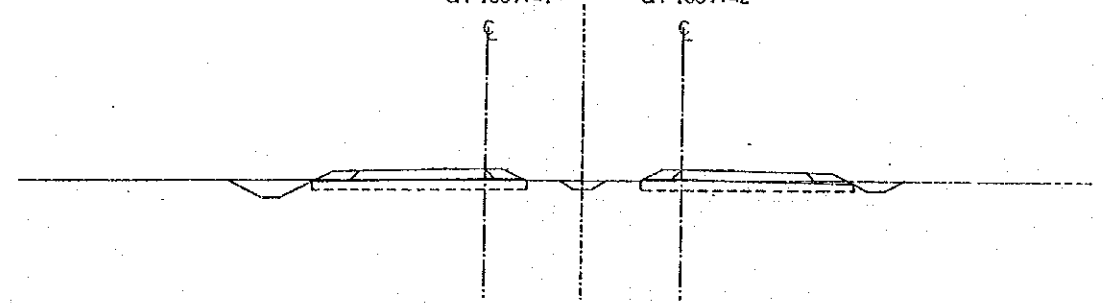
CH. 3+520 CH. 3+520
 PI=1667.909 PI=1667.909
 GI=1667.53 GI=1667.63



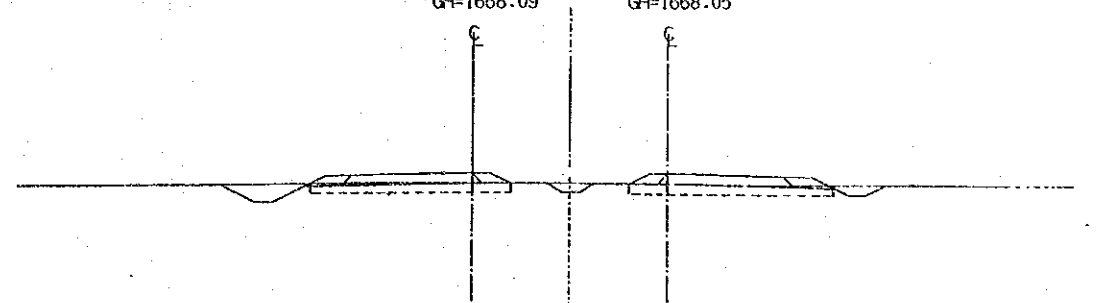
CH. 3+600 CH. 3+600
 PI=1668.517 PI=1668.517
 GI=1667.71 GI=1667.75



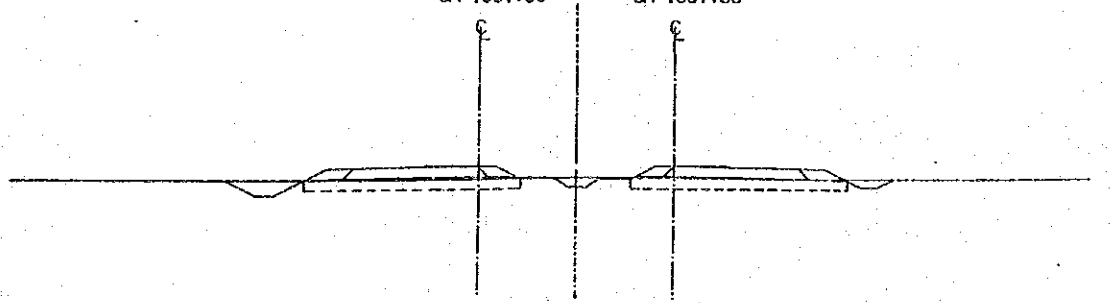
CH. 3+540 CH. 3+540
 PI=1668.061 PI=1668.061
 GI=1667.41 GI=1667.42



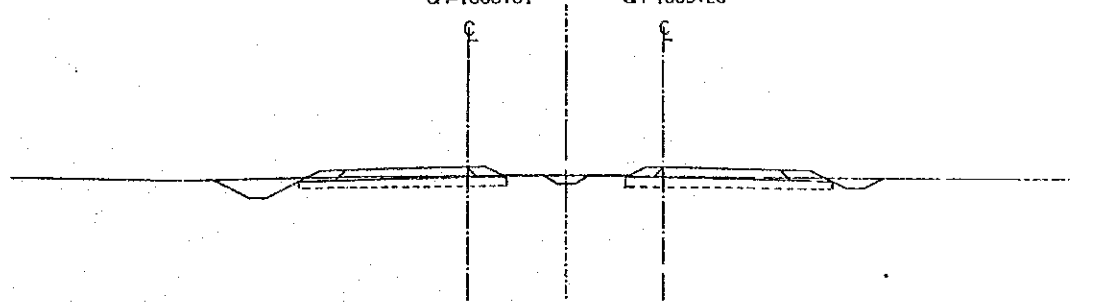
CH. 3+620 CH. 3+620
 PI=1668.669 PI=1668.669
 GI=1668.09 GI=1668.05



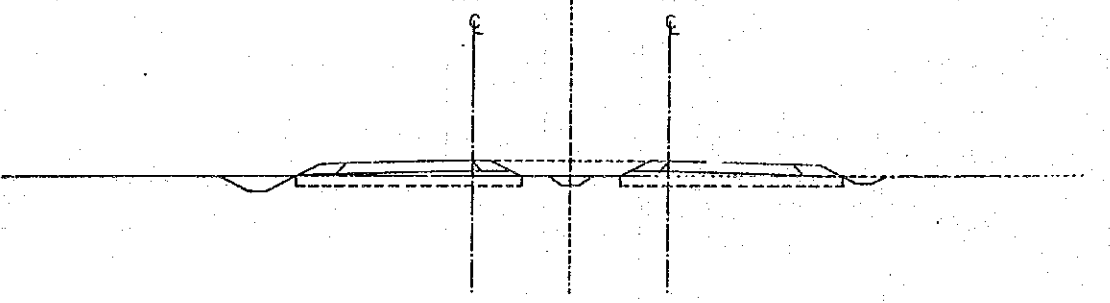
CH. 3+560 CH. 3+560
 PI=1668.213 PI=1668.213
 GI=1667.50 GI=1667.53



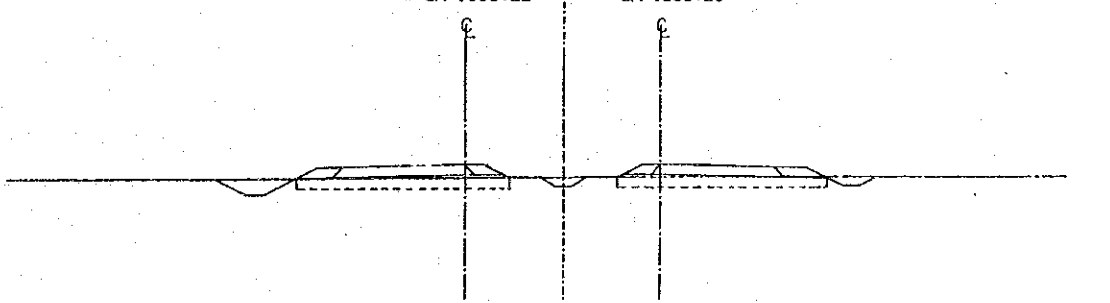
CH. 3+640 CH. 3+640
 PI=1668.821 PI=1668.821
 GI=1668.31 GI=1668.28



CH. 3+580 CH. 3+580
 PI=1668.365 PI=1668.365
 GI=1667.50 GI=1667.53



CH. 3+660 CH. 3+660
 PI=1668.973 PI=1668.973
 GI=1668.22 GI=1668.26



AERIAL PHOTO BY SURVEYED BY
 MAPPING BY TRACED BY
 LOCATION BY CHECKED BY

M.O.P.W. ROADS DEPT DRG NO

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL
 COOPERATION AGENCY

CHIEF ENGINEER (ROADS)
 CHIEF SUPT. ENG. (DESIGN)

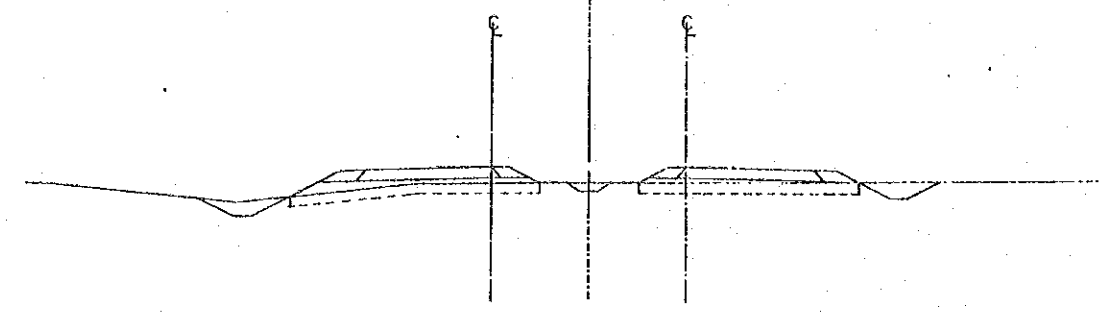
SEN SUPT. ENG. (DESIGN)
 SUPT. ENGINEER (DESIGN)
 PROJECT ENGINEER

SCALES
 1 : 200

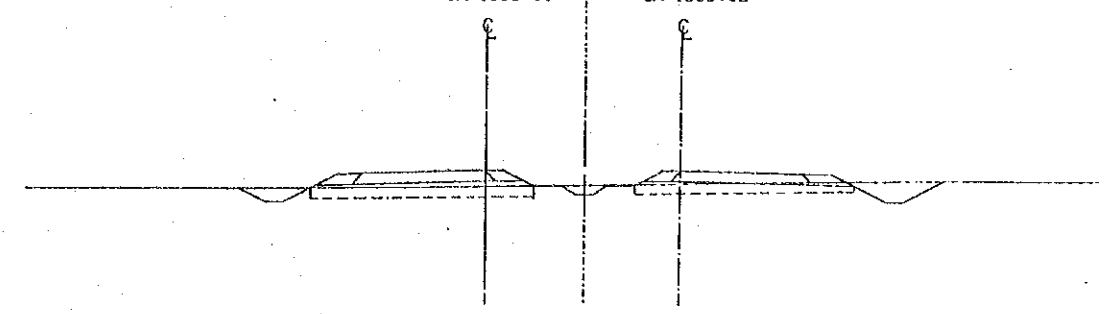
NAIROBI BYPASS
 CROSS SECTION

SHEET 24 OF 196

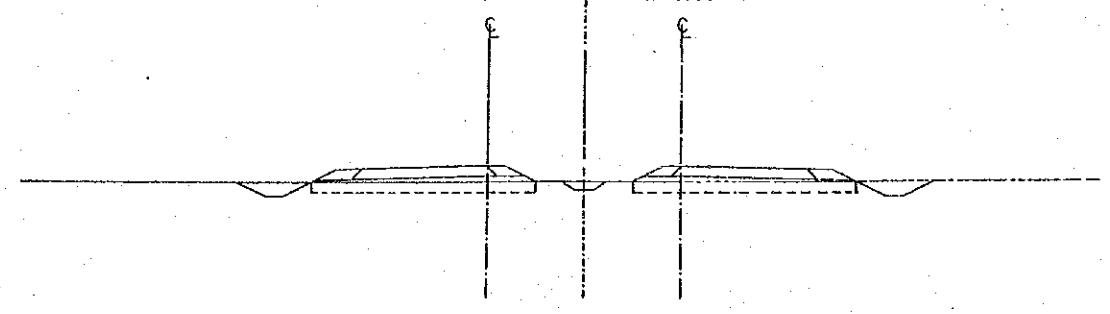
CH. 3+680 CH. 3+680
 PI=1669.125 PI=1669.125
 GI=1668.25 GI=1668.28



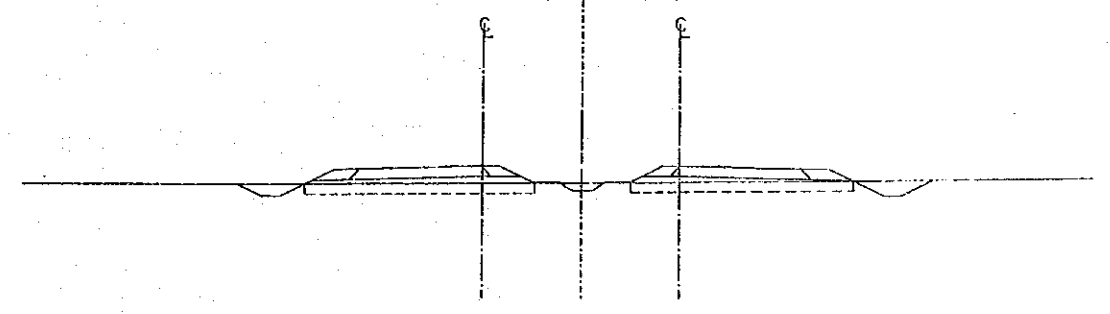
CH. 3+760 CH. 3+760
 PI=1669.733 PI=1669.733
 GI=1668.85 GI=1669.02



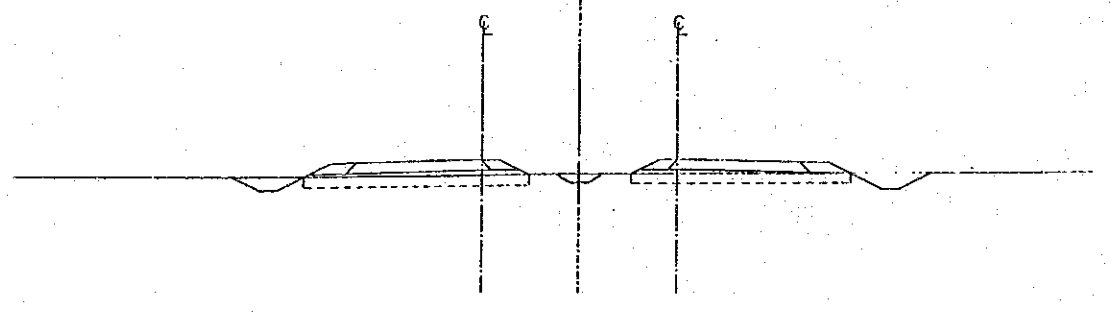
CH. 3+700 CH. 3+700
 PI=1669.277 PI=1669.277
 GI=1668.37 GI=1668.38



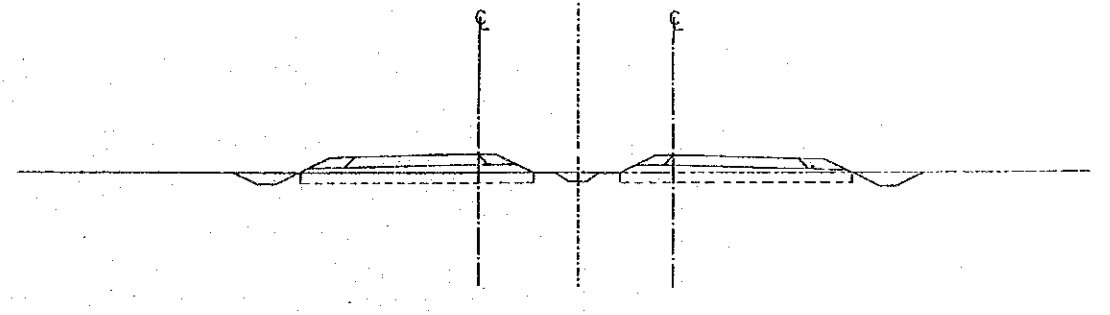
CH. 3+780 CH. 3+780
 PI=1669.885 PI=1669.885
 GI=1668.92 GI=1668.97



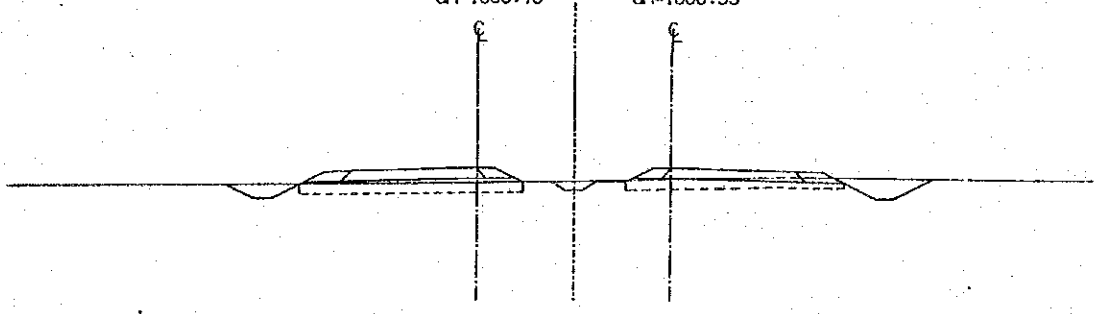
CH. 3+720 CH. 3+720
 PI=1669.429 PI=1669.429
 GI=1668.55 GI=1668.62



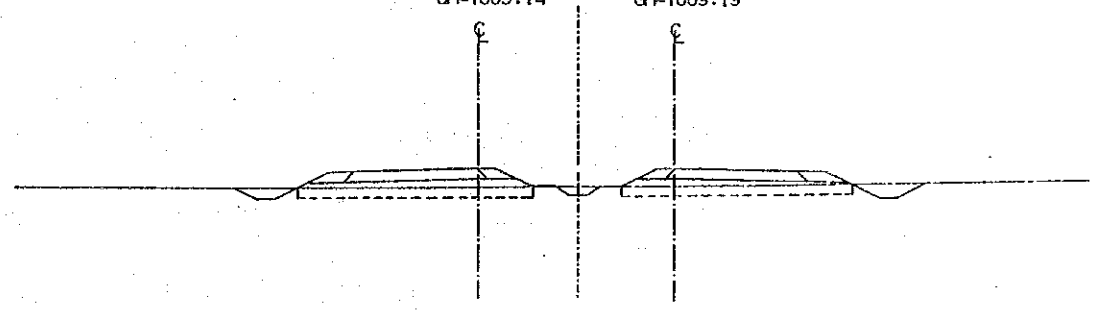
CH. 3+800 CH. 3+800
 PI=1670.037 PI=1670.037
 GI=1669.00 GI=1669.05



CH. 3+740 CH. 3+740
 PI=1669.581 PI=1669.581
 GI=1668.76 GI=1668.95



CH. 3+820 CH. 3+820
 PI=1670.189 PI=1670.189
 GI=1669.14 GI=1669.19



AERIAL PHOTO BY	SURVEYED BY
MAPPING BY	TRACED BY
LOCATION BY	CHECKED BY

M.O.P.W. ROADS DEPT DRG. NO.

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL
 COOPERATION AGENCY

CHIEF ENGINEER (ROADS)
 CHIEF SUPT. ENG. (DESIGN)

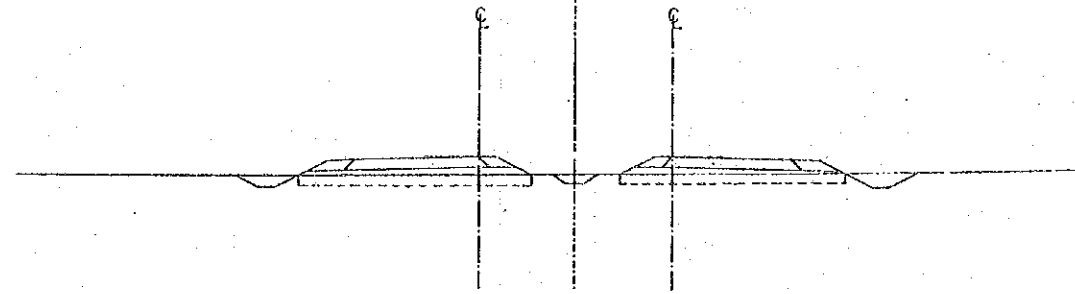
SEN. SUPT. ENG. (DESIGN)
 SUPT. ENGINEER (DESIGN)
 PROJECT ENGINEER

SCALES
 1 : 200

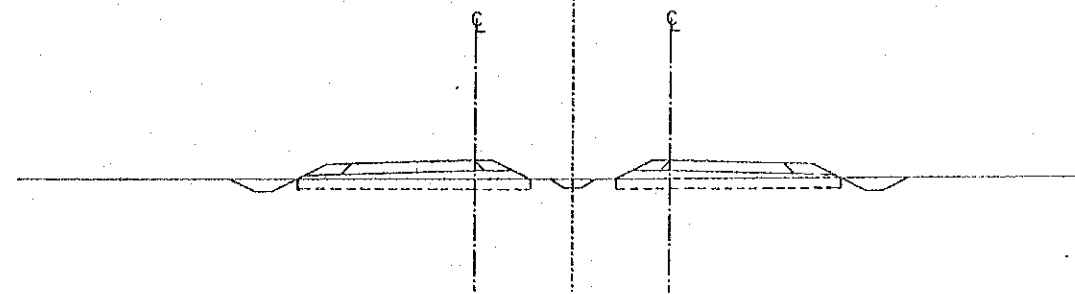
NAIROBI BYPASS
 CROSS SECTION

SHEET 25 OF 196

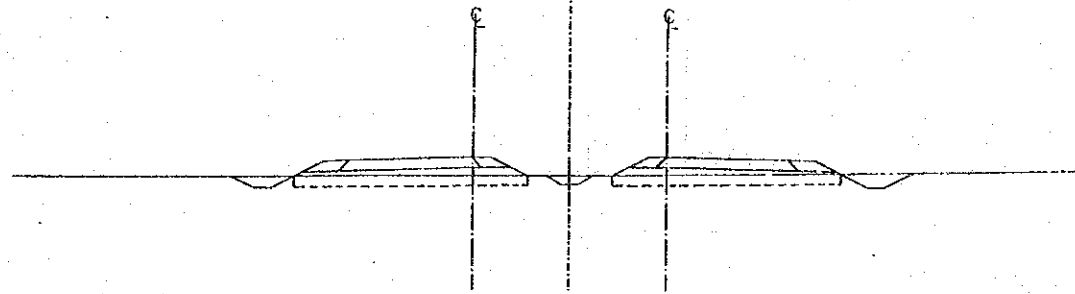
CH. 3+840 CH. 3+840
 PI=1670.341 PI=1670.341
 G=1669.33 G=1669.37



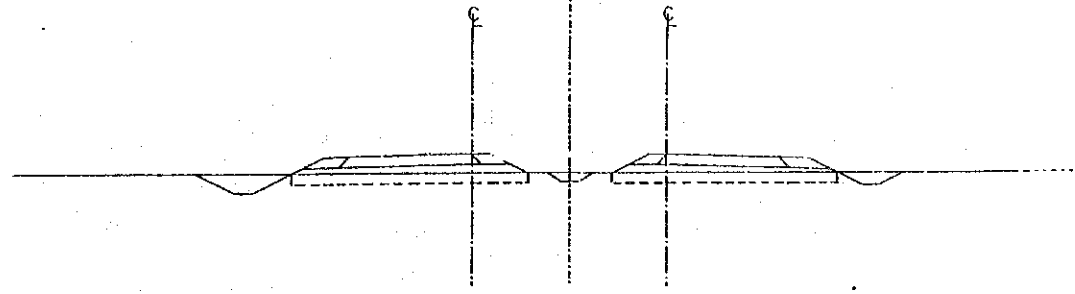
CH. 3+920 CH. 3+920
 PI=1670.949 PI=1670.949
 G=1669.90 G=1669.91



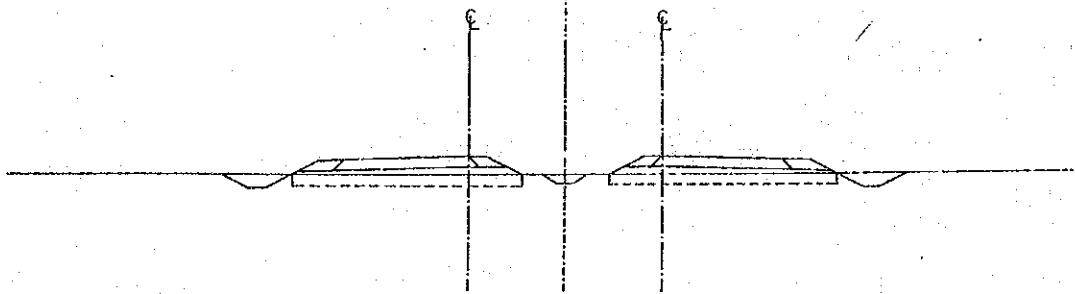
CH. 3+860 CH. 3+860
 PI=1670.493 PI=1670.493
 G=1669.46 G=1669.48



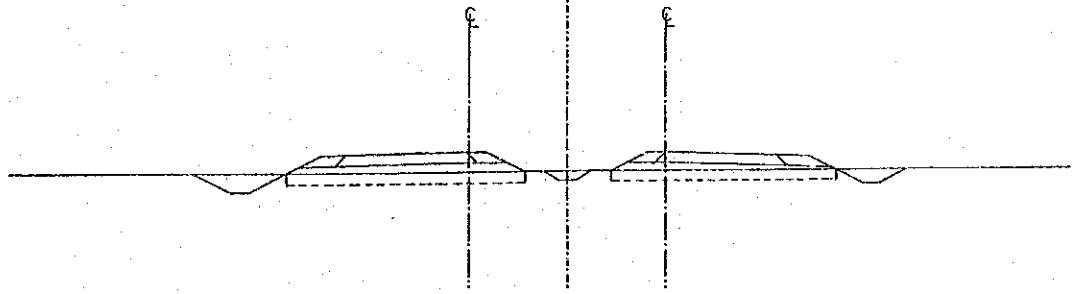
CH. 3+940 CH. 3+940
 PI=1671.101 PI=1671.101
 G=1670.03 G=1670.07



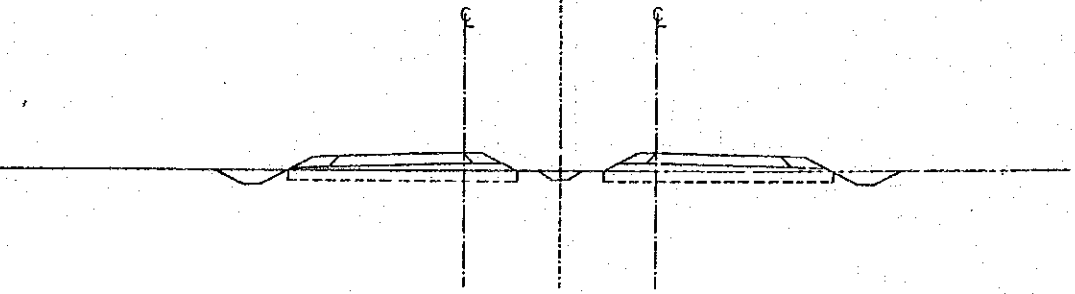
CH. 3+880 CH. 3+880
 PI=1670.645 PI=1670.645
 G=1669.63 G=1669.64



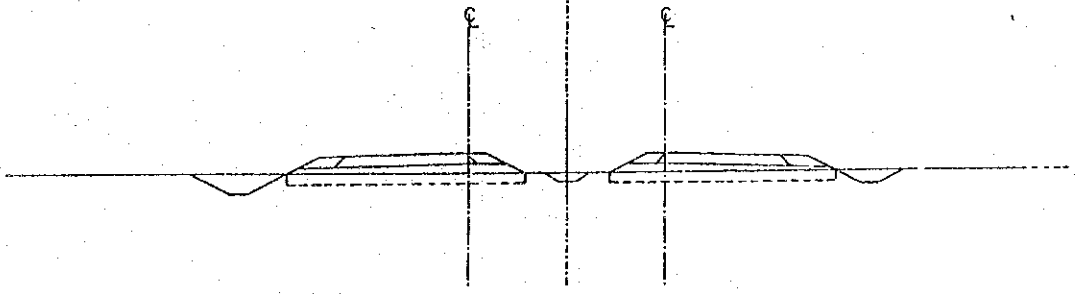
CH. 3+960 CH. 3+960
 PI=1671.253 PI=1671.253
 G=1670.15 G=1670.24



CH. 3+900 CH. 3+900
 PI=1670.797 PI=1670.797
 G=1669.82 G=1669.79



CH. 3+980 CH. 3+980
 PI=1671.405 PI=1671.405
 G=1670.31 G=1670.36



AERIAL PHOTO BY _____ SURVEYED BY _____
 MAPPING BY _____ TRACED BY _____
 LOCATION BY _____ CHECKED BY _____

M.O.P.W. ROADS DEPT. DRG. NO. _____

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL
 COOPERATION AGENCY

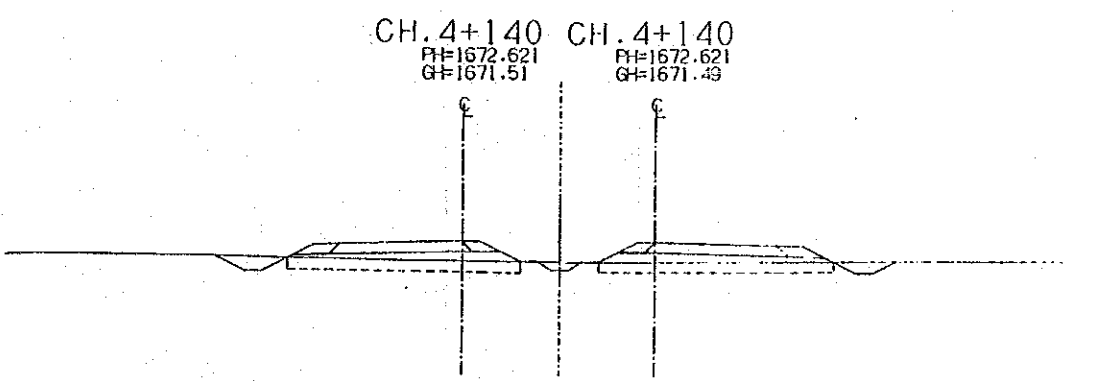
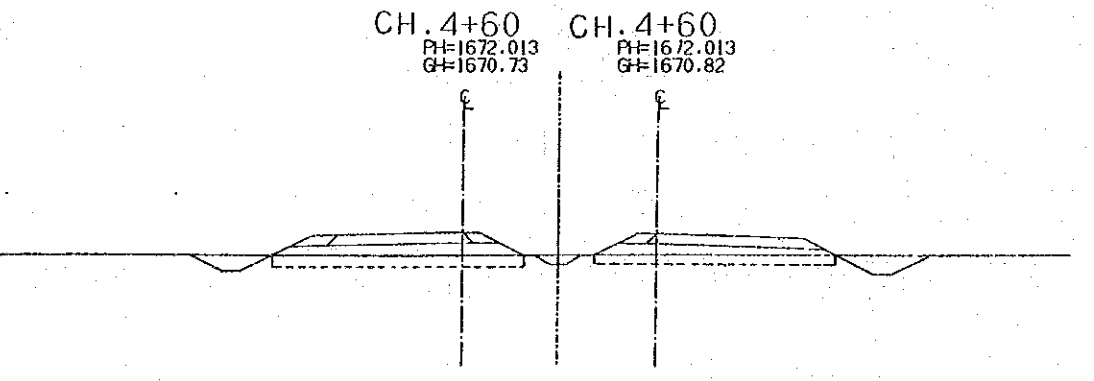
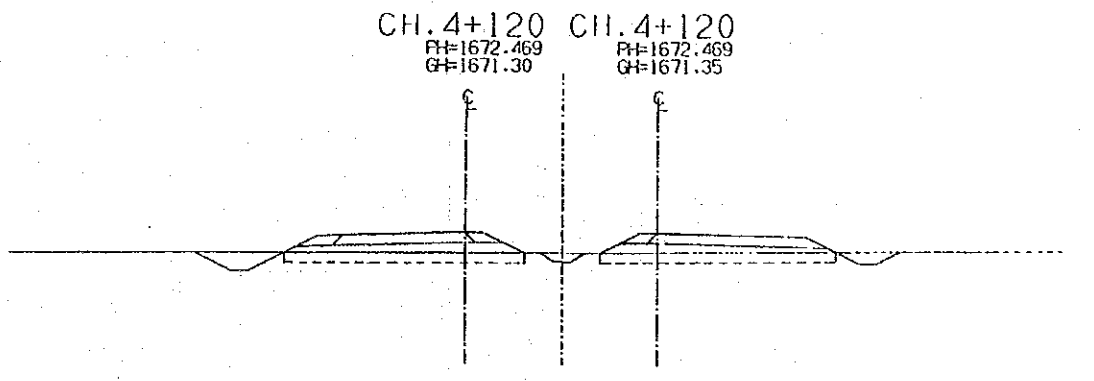
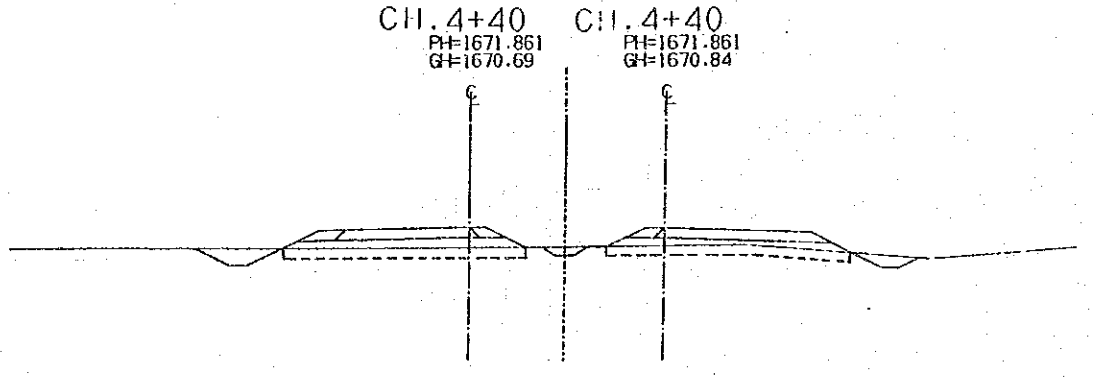
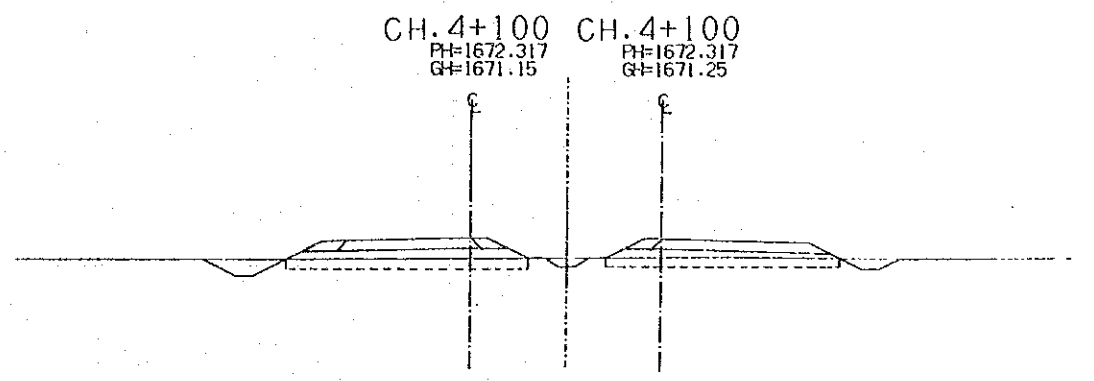
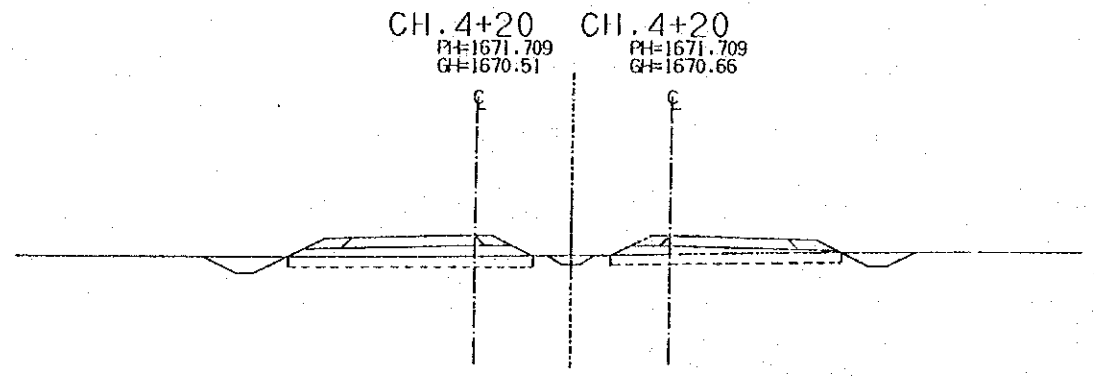
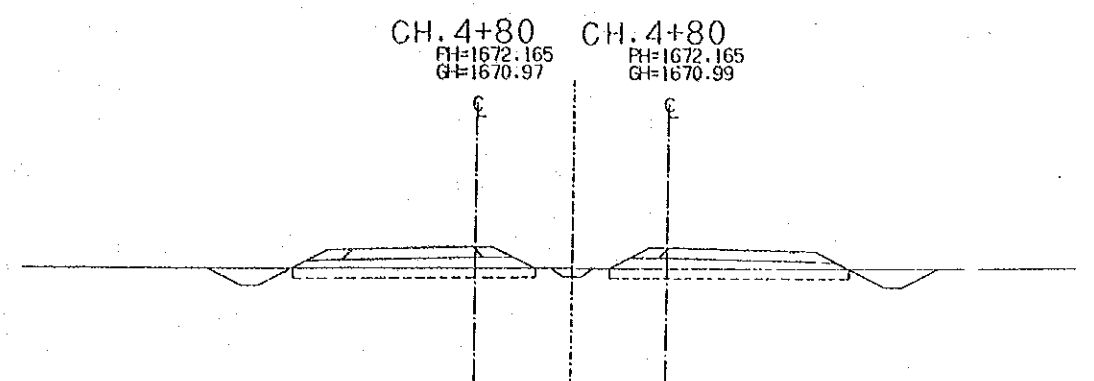
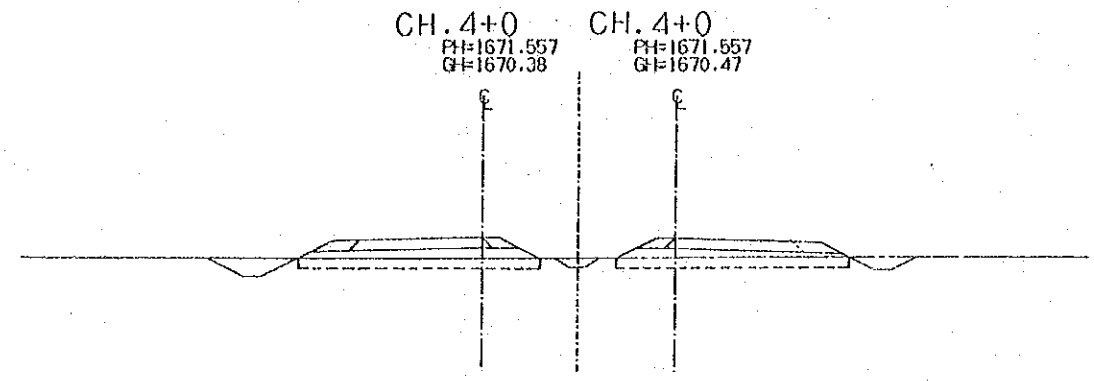
CHIEF ENGINEER (ROADS)
 CHIEF SUPT. ENG. (DESIGN)

SEN. SUPT. ENG. (DESIGN)
 SUPT. ENGINEER (DESIGN)
 PROJECT ENGINEER

SCALES
 1 : 200

NAIROBI BYPASS
 CROSS SECTION

SHEET 26 OF 196



SURVEYED BY _____
 TRACED BY _____
 CHECKED BY _____
 AERIAL PHOTO BY _____
 MAPPING BY _____
 LOCATION BY _____
 M.C.P.W. ROADS DEPT DRG NO _____

REVISIONS	
DESCRIPTION	DATE

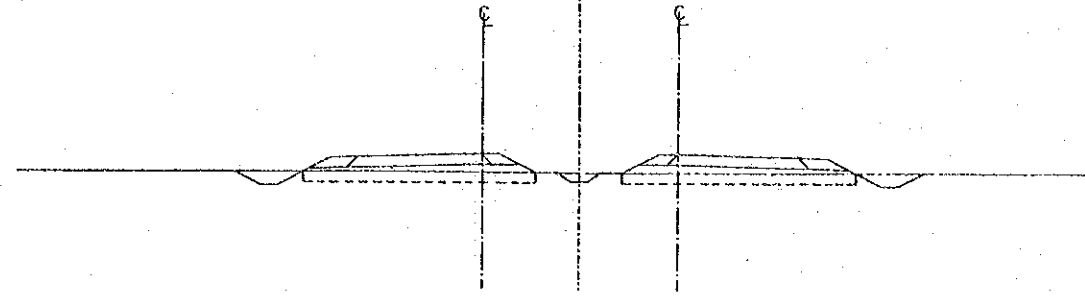
JAPAN INTERNATIONAL COOPERATION AGENCY
 CHIEF ENGINEER (ROADS)
 CHIEF SUPT. ENG. (DESIGN)

SEN. SUPT. ENG. (DESIGN)
 SUPT. ENGINEER (DESIGN)
 PROJECT ENGINEER

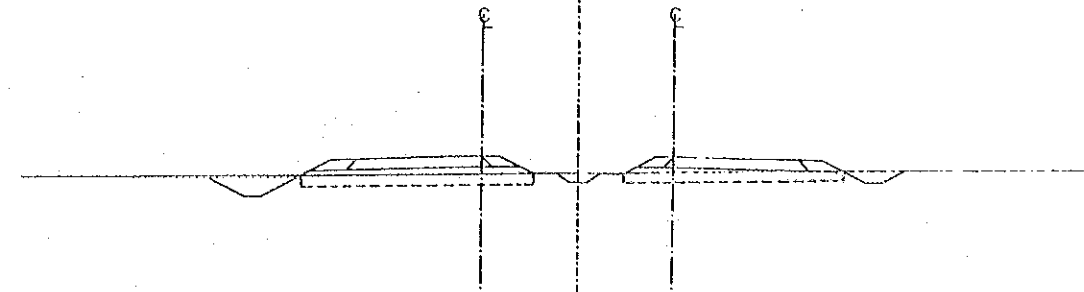
SCALES
 1 : 200

NAIROBI BYPASS
 CROSS SECTION

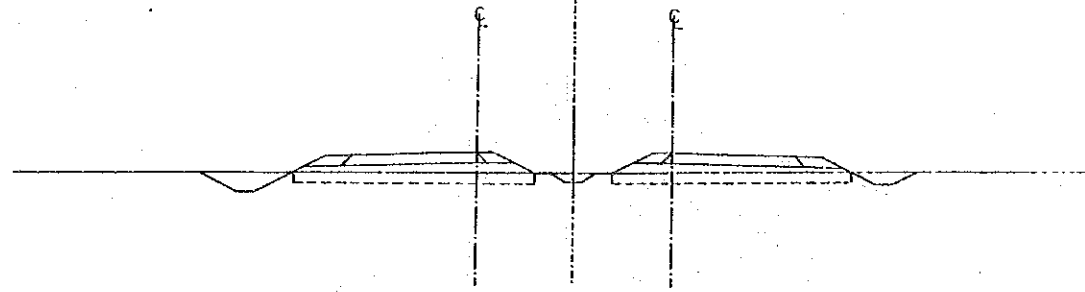
CH. 4+160 CH. 4+160
 PI=1672.773 PI=1672.773
 G=1671.76 G=1671.73



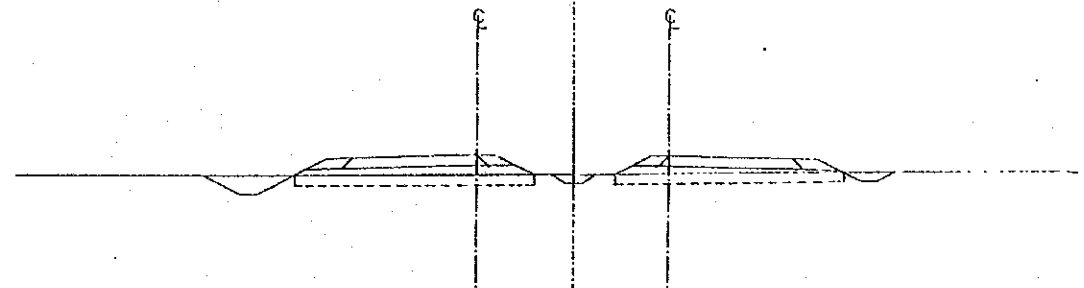
CH. 4+240 CH. 4+240
 PI=1673.381 PI=1673.381
 G=1672.40 G=1672.53



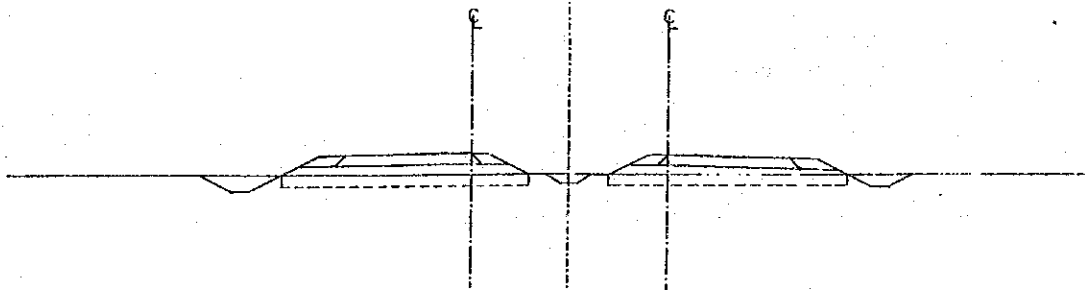
CH. 4+180 CH. 4+180
 PI=1672.925 PI=1672.925
 G=1671.78 G=1671.82



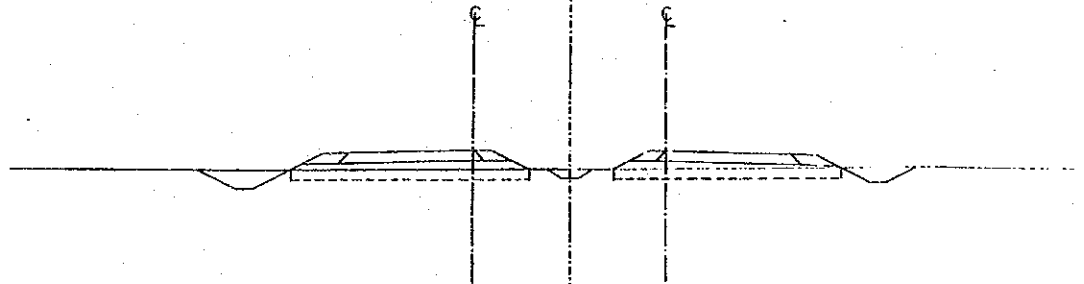
CH. 4 + 260 CH. 4+260
 3.535
 G=1672.42 PI=1673.535
 G=1672.53



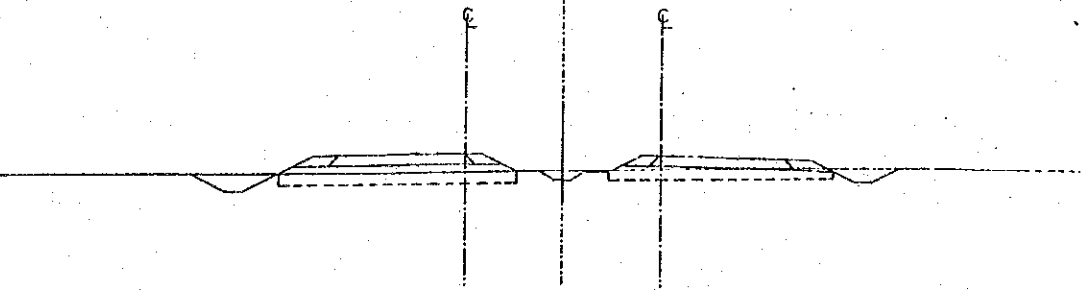
CH. 4+200 CH. 4+200
 PI=1673.077 PI=1673.077
 G=1671.90 G=1671.99



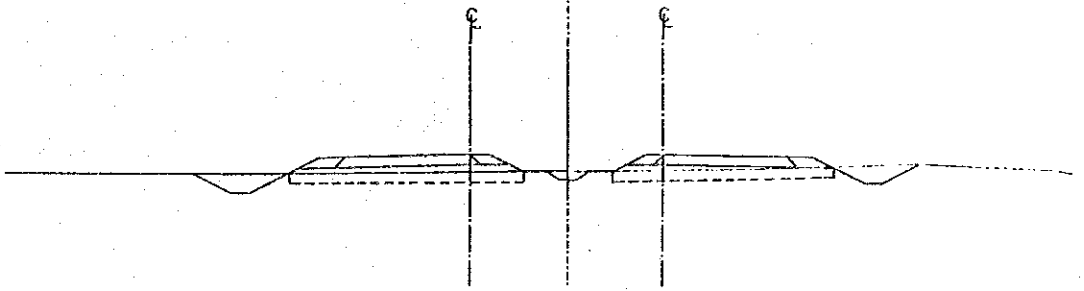
CH. 4+280 CH. 4+280
 PI=1673.704 PI=1673.704
 G=1672.62 G=1672.70



CH. 4+220 CH. 4+220
 PI=1673.229 PI=1673.229
 G=1672.20 G=1672.46



CH. 4+300 CH. 4+300
 PI=1673.890 PI=1673.890
 G=1672.88 G=1672.99



SURVEYED BY
 MAPPING BY
 LOCATION BY
 TRACED BY
 CHECKED BY

M.O.P.W. ROADS DEPT. DRG. NO.

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL
 COOPERATION AGENCY

CHIEF ENGINEER (ROADS)
 CHIEF SUPT. ENG. (DESIGN)

SEN. SUPT. ENG. (DESIGN)
 SUPT. ENGINEER (DESIGN)
 PROJECT ENGINEER

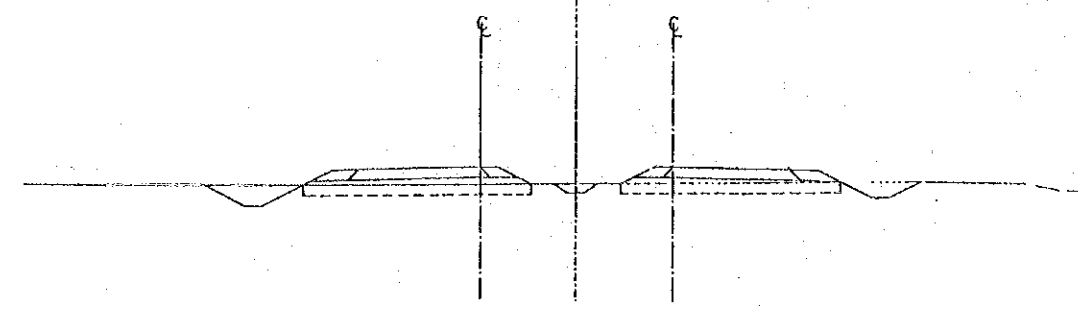
SCALES
 1 : 200

NAIROBI BYPASS
 CROSS SECTION

SHEET 28 OF 196

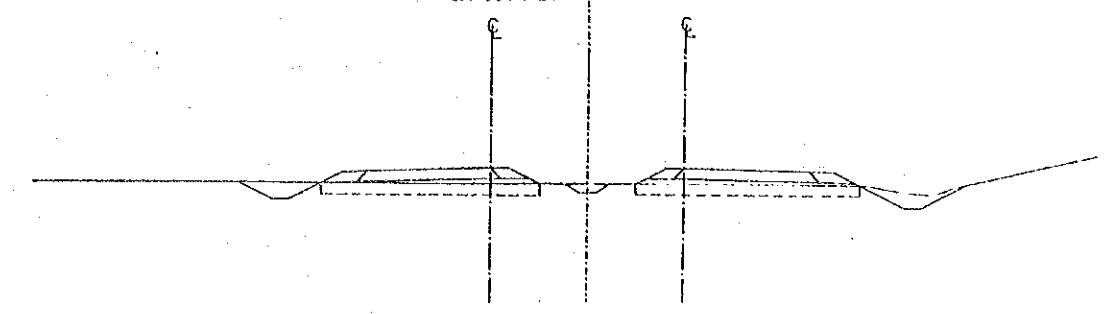
CH. 4+320
 Pt=1674.092
 G=1673.11

CH. 4+320
 Pt=1674.092
 G=1673.18



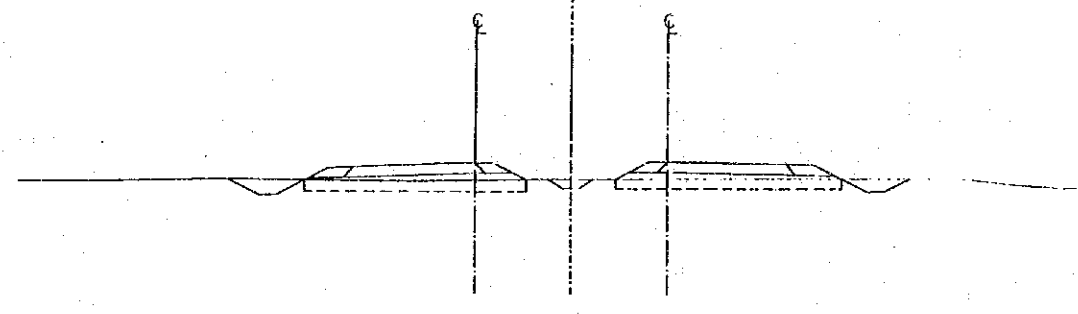
CH. 4+400
 Pt=1675.070
 G=1674.20

CH. 4+400
 Pt=1675.070
 G=1674.18



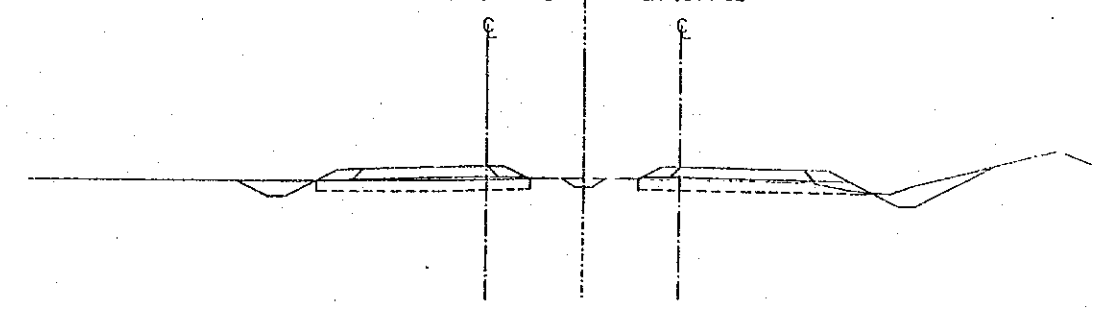
CH. 4+340
 Pt=1674.311
 G=1673.33

CH. 4+340
 Pt=1674.311
 G=1673.35



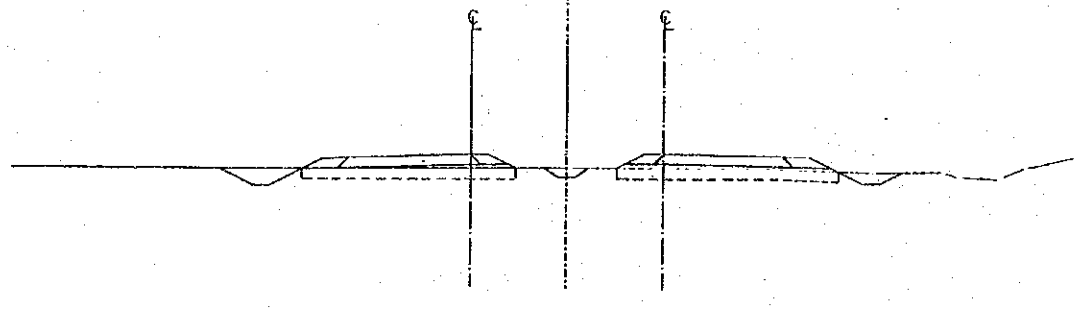
CH. 4+420
 Pt=1675.356
 G=1674.62

CH. 4+420
 Pt=1675.356
 G=1674.62



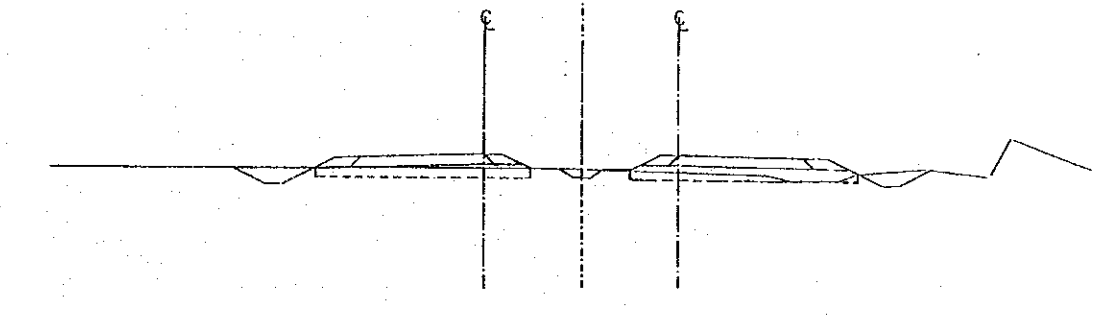
CH. 4+360
 Pt=1674.547
 G=1673.76

CH. 4+360
 Pt=1674.547
 G=1673.71



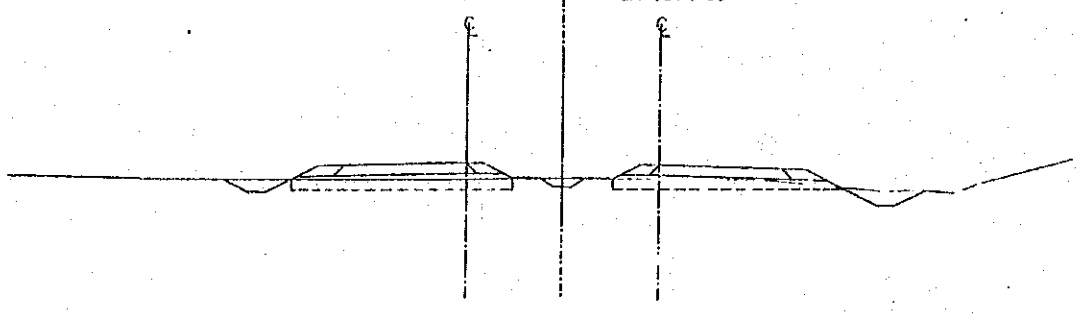
CH. 4+440
 Pt=1675.659
 G=1674.86

CH. 4+440
 Pt=1675.659
 G=1674.67



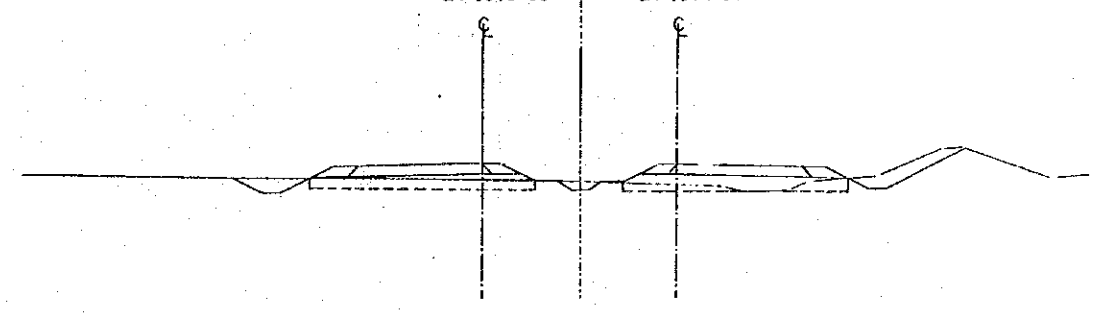
CH. 4+380
 Pt=1674.800
 G=1673.89

CH. 4+380
 Pt=1674.800
 G=1674.00



CH. 4+460
 Pt=1675.977
 G=1675.05

CH. 4+460
 Pt=1675.977
 G=1674.80



AERIAL PHOTO BY _____ SURVEYED BY _____
 MAPPING BY _____ TRACED BY _____
 LOCATION BY _____ CHECKED BY _____

M.O.P.W. ROADS DEPT. DRG. NO. _____

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL
 COOPERATION AGENCY

CHIEF ENGINEER (ROADS)
 CHIEF SUPT. ENG. (DESIGN)

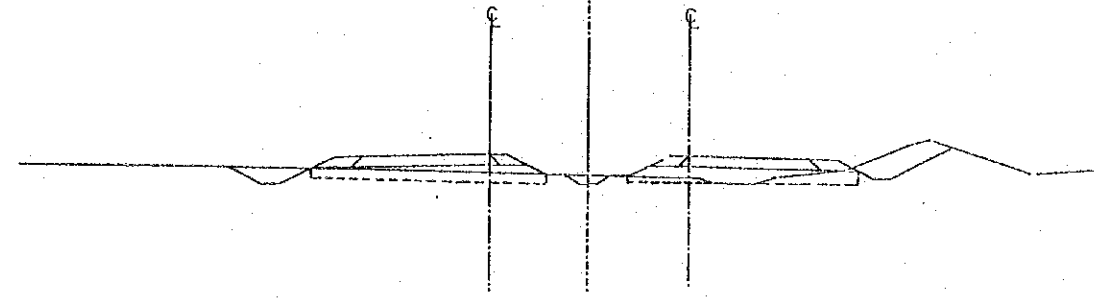
SEN. SUPT. ENG. (DESIGN)
 SUPT. ENGINEER (DESIGN)
 PROJECT ENGINEER

SCALES
 1 : 200

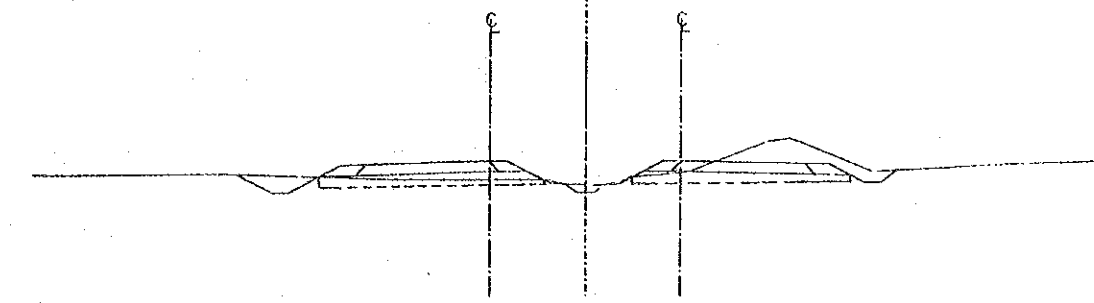
NAIROBI BYPASS
 CROSS SECTION

SHEET 29 OF 196

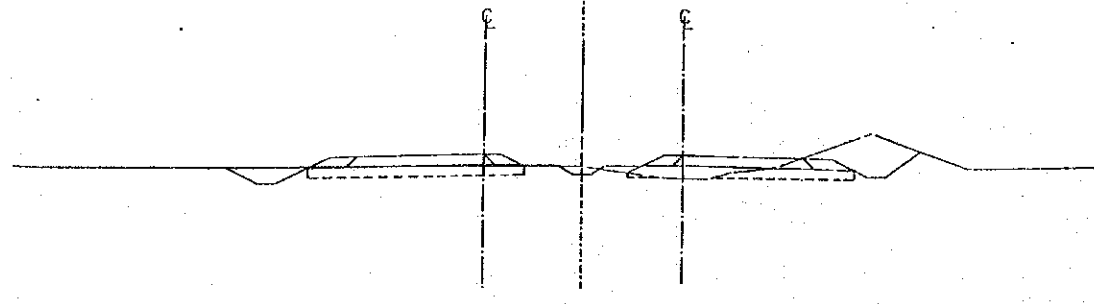
CH. 4+480 CH. 4+480
 PI=1676.297 PI=1676.297
 GI=1675.29 GI=1675.07



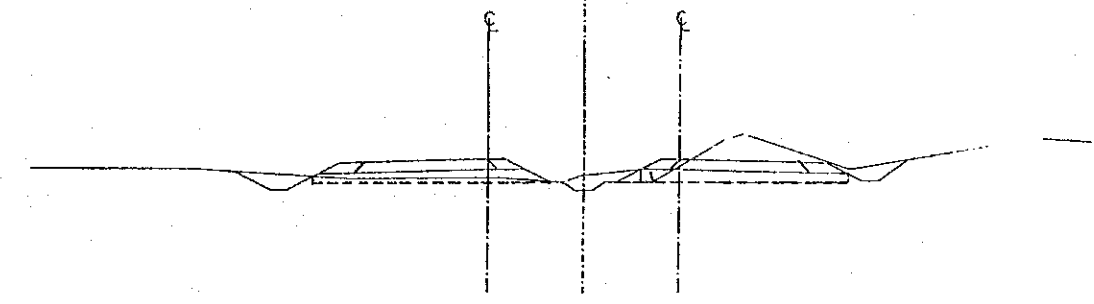
CH. 4+540 CH. 4+540
 PI=1677.257 PI=1677.257
 GI=1676.22 GI=1676.59



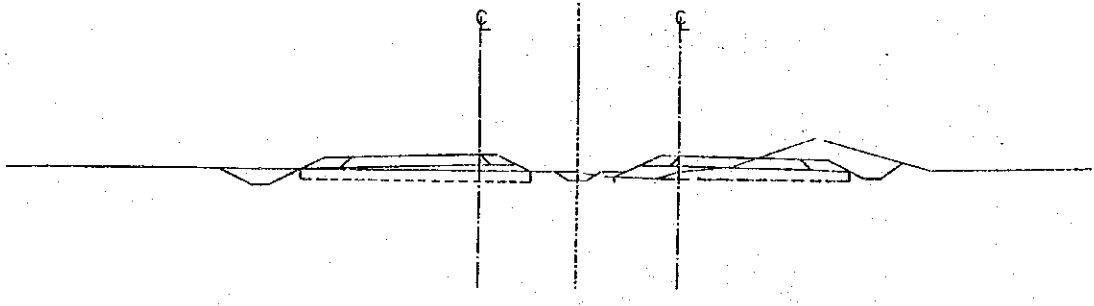
CH. 4+500 CH. 4+500
 PI=1676.617 PI=1676.617
 GI=1675.96 GI=1675.30



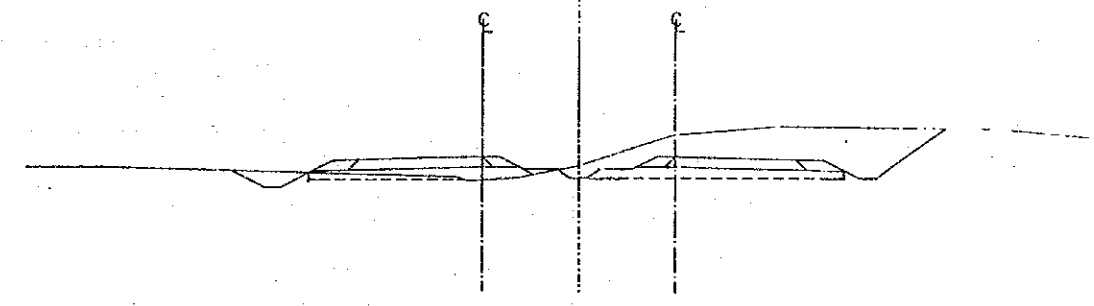
CH. 4+560 CH. 4+560
 PI=1677.577 PI=1677.577
 GI=1676.52 GI=1677.16



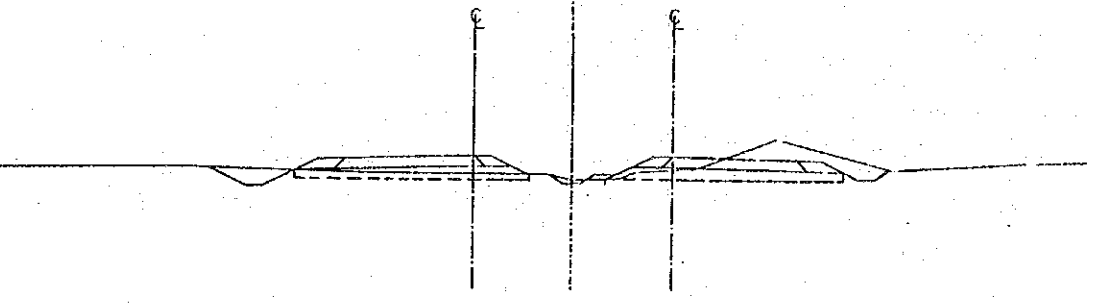
CH. 4+520 CH. 4+520
 PI=1676.937 PI=1676.937
 GI=1676.02 GI=1676.04



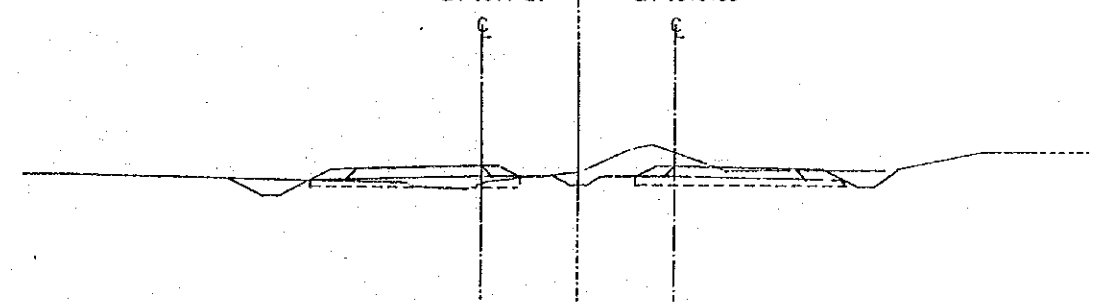
CH. 4+580 CH. 4+580
 PI=1677.897 PI=1677.897
 GI=1676.60 GI=1679.16



CH. 4+535 CH. 4+535.215
 PI=1677.180 PI=1677.180
 GI=1676.18 GI=1676.44



CH. 4+600 CH. 4+600
 PI=1678.217 PI=1678.217
 GI=1677.21 GI=1678.99



AERIAL PHOTO BY _____ SURVEYED BY _____
 MAPPING BY _____ TRACED BY _____
 LOCATION BY _____ CHECKED BY _____

M.O.P.W. ROADS DEPT. DRG. NO.

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL COOPERATION AGENCY

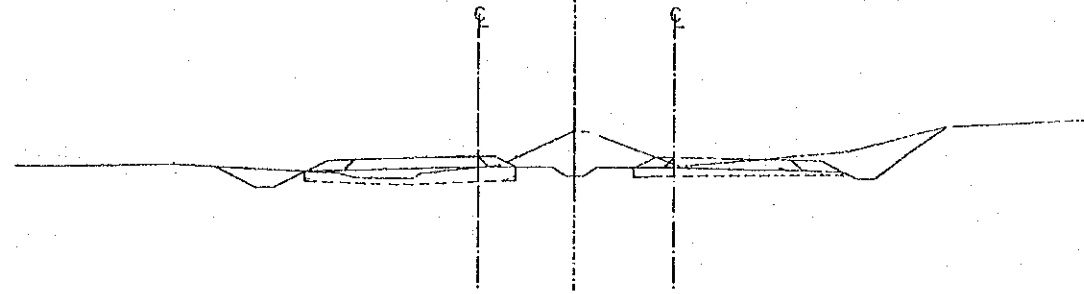
CHIEF ENGINEER (ROADS)
 CHIEF SUPT. ENG. (DESIGN)

SEN. SUPT. ENG. (DESIGN)
 SUPT. ENGINEER (DESIGN)
 PROJECT ENGINEER

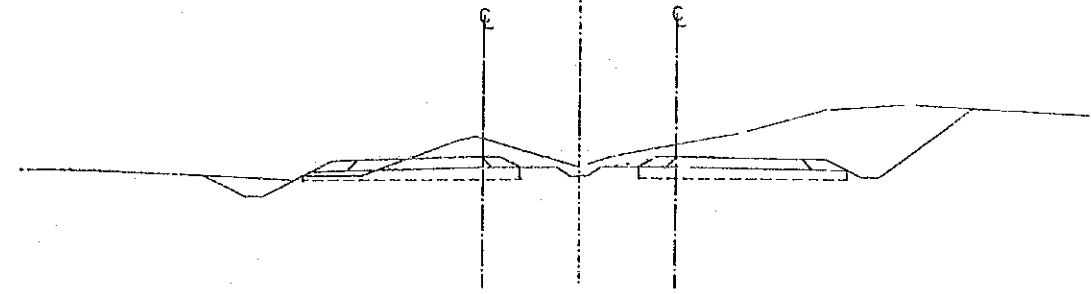
SCALES
 1 : 200

NAIROBI BYPASS
 CROSS SECTION

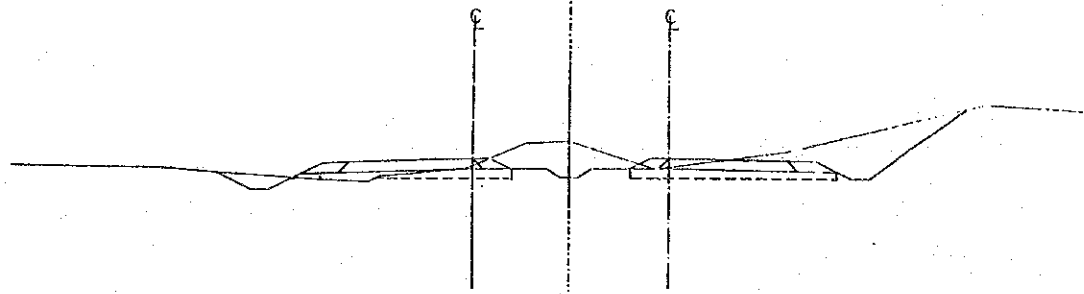
CH. 4+620 CH. 4+620
 FH=1678.528 FH=1678.528
 G=1677.92 G=1678.14



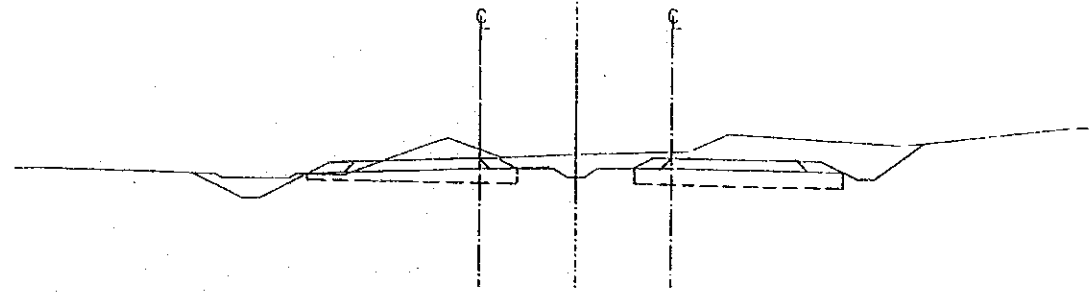
CH. 4+700 CH. 4+700
 FH=1679.582 FH=1679.582
 G=1680.60 G=1680.25



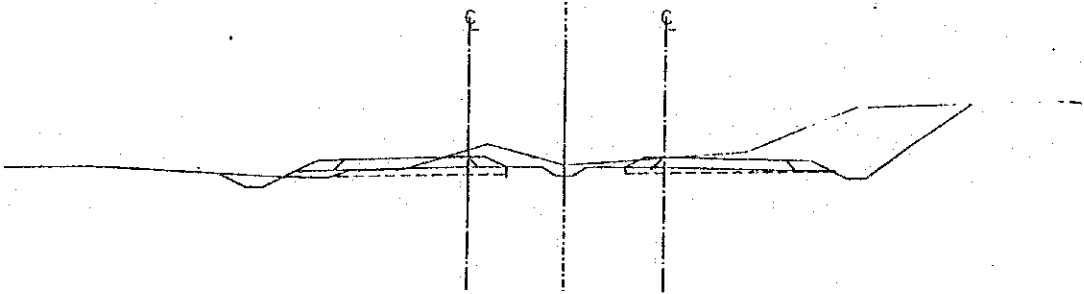
CH. 4+640 CH. 4+640
 FH=1678.819 FH=1678.819
 G=1678.41 G=1678.33



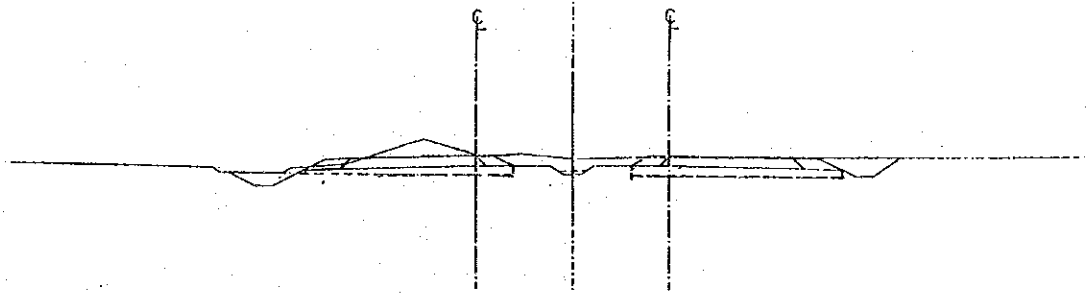
CH. 4+720 CH. 4+720
 FH=1679.798 FH=1679.798
 G=1680.29 G=1680.14



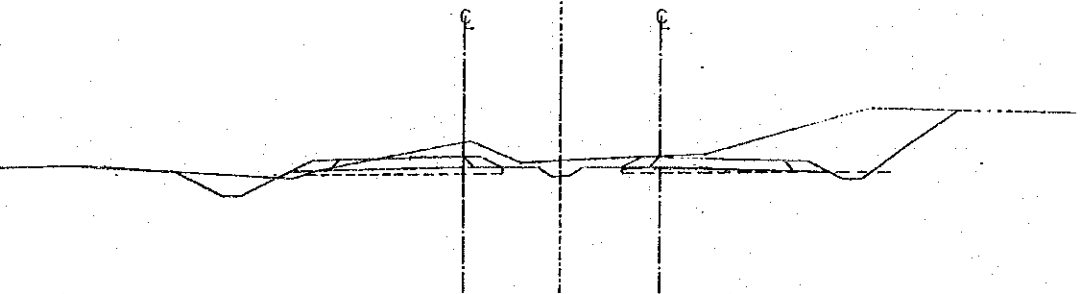
CH. 4+660 CH. 4+660
 FH=1679.092 FH=1679.092
 G=1679.47 G=1679.04



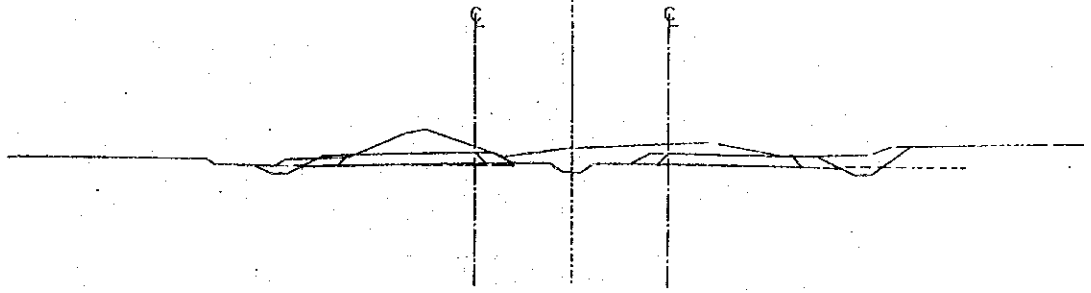
CH. 4+740 CH. 4+740
 FH=1679.996 FH=1679.996
 G=1680.05 G=1679.89



CH. 4+680 CH. 4+680
 FH=1679.346 FH=1679.346
 G=1680.16 G=1679.41



CH. 4+760 CH. 4+760
 FH=1680.174 FH=1680.174
 G=1680.51 G=1680.72



SURVEYED BY
 MAPPING BY
 LOCATION BY
 TRACED BY
 CHECKED BY

MOPW ROADS DEPT DRG NO.

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL
 COOPERATION AGENCY

CHIEF ENGINEER (ROADS)
 CHIEF SUPT. ENG (DESIGN)

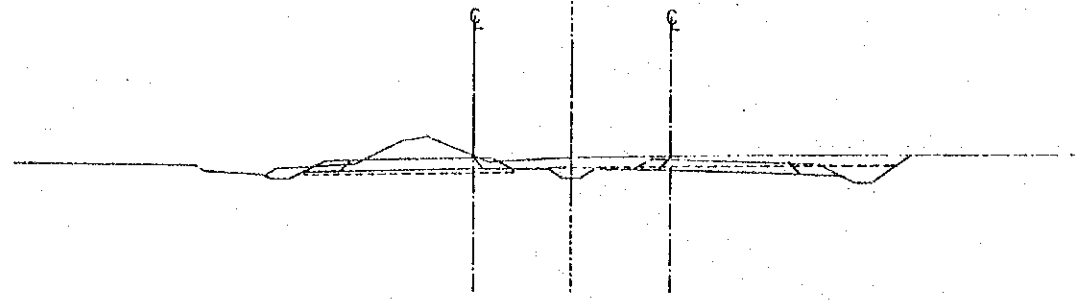
SEN. SUPT. ENG. (DESIGN)
 SUPT. ENGINEER (DESIGN)
 PROJECT ENGINEER

SCALES
 1 : 200

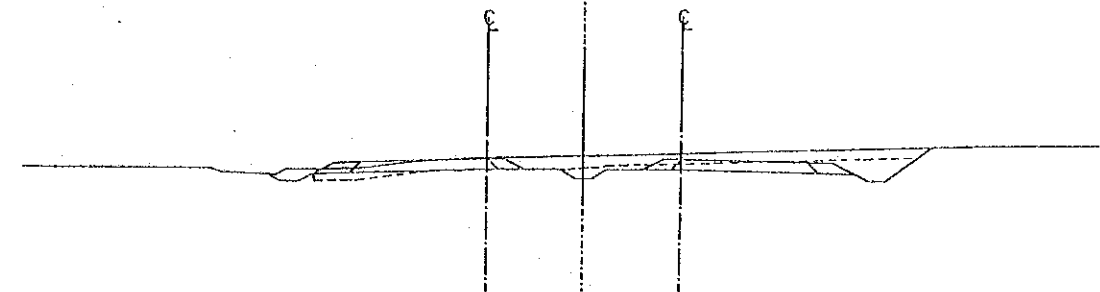
NAIROBI BYPASS
 CROSS SECTION

SHEET 31 OF 196

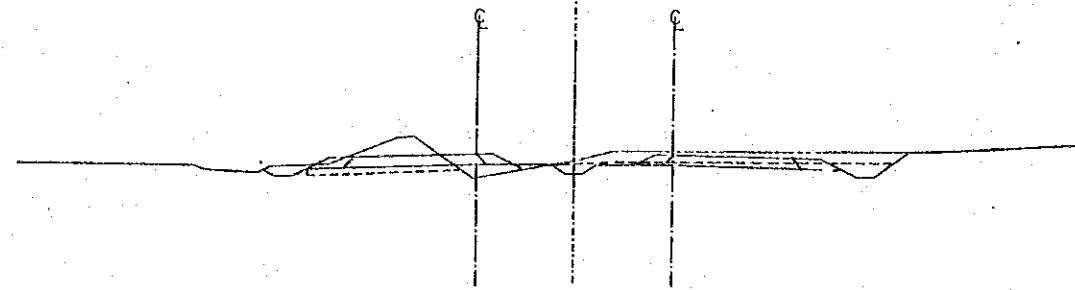
CH. 4+780 CH. 4+780
 PI=1680.334 PI=1680.334
 GI=1680.45 GI=1680.51



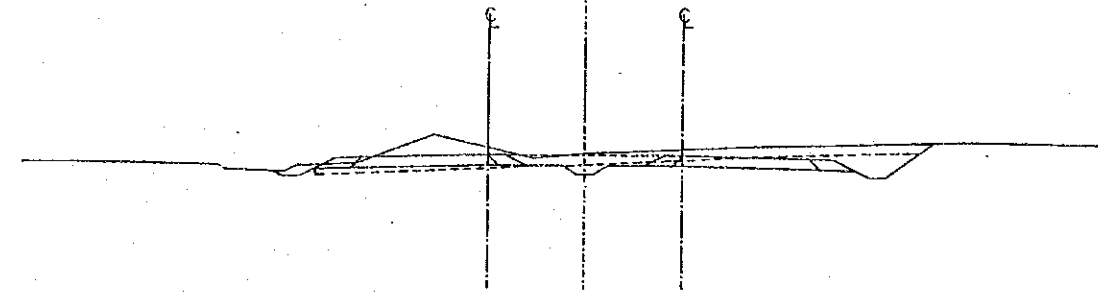
CH. 4+860 CH. 4+860
 PI=1680.871 PI=1680.871
 GI=1680.95 GI=1681.20



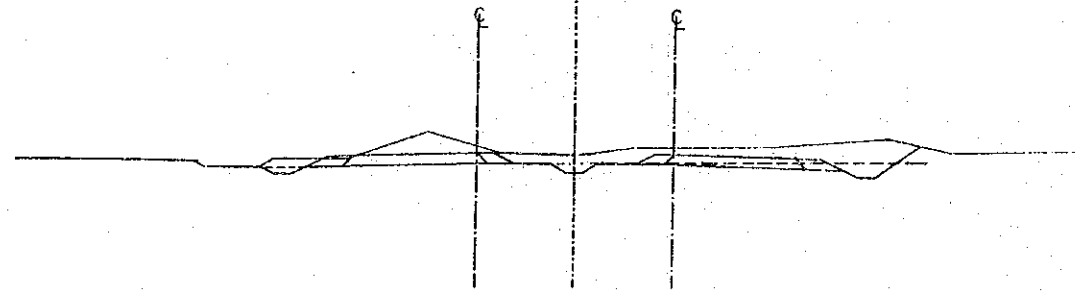
CH. 4+800 CH. 4+800
 PI=1680.476 PI=1680.476
 GI=1679.15 GI=1680.66



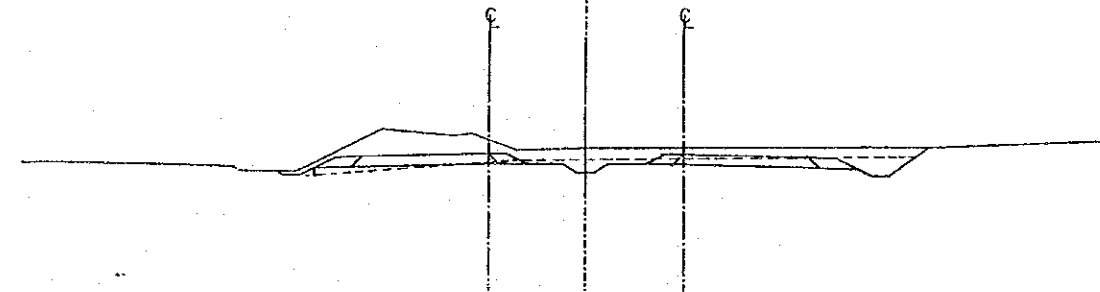
CH. 4+880 CH. 4+880
 PI=1681.002 PI=1681.002
 GI=1681.41 GI=1681.34



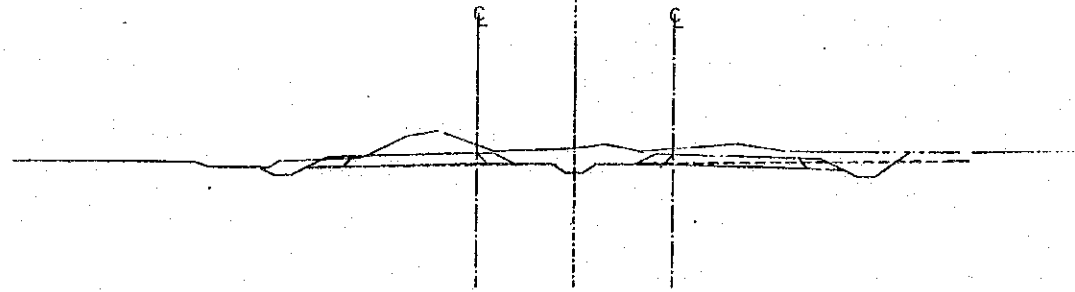
CH. 4+820 CH. 4+820
 PI=1680.607 PI=1680.607
 GI=1681.01 GI=1680.99



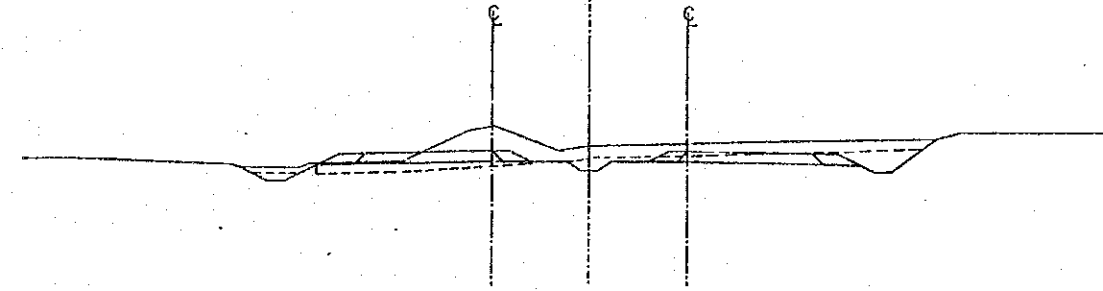
CH. 4+900 CH. 4+900
 PI=1681.134 PI=1681.134
 GI=1681.92 GI=1681.51



CH. 4+840 CH. 4+840
 PI=1680.739 PI=1680.739
 GI=1681.19 GI=1681.05



CH. 4+910 CH. 4+910.382
 PI=1681.202 PI=1681.202
 GI=1682.58 GI=1681.63



SURVEYED BY
 MAPPING BY
 LOCATION BY
 TRACED BY
 CHECKED BY

MOPW ROADS DEPT DRG NO

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL
 COOPERATION AGENCY

CHIEF ENGINEER (ROADS)
 CHIEF SUPT ENG (DESIGN)

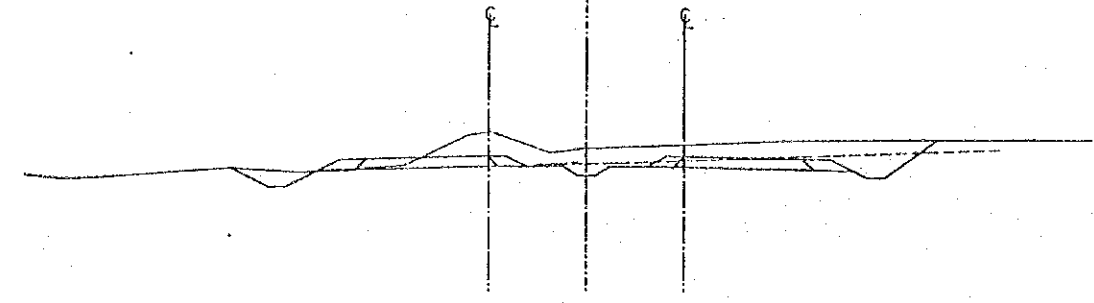
SEN. SUPT. ENG. (DESIGN)
 SUPT. ENGINEER (DESIGN)
 PROJECT ENGINEER

SCALES
 1 : 200

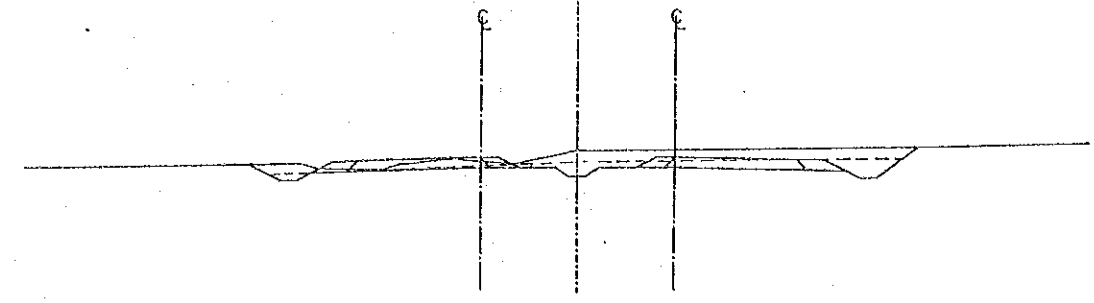
NAIROBI BYPASS
 CROSS SECTION

SHEET 32 OF 196

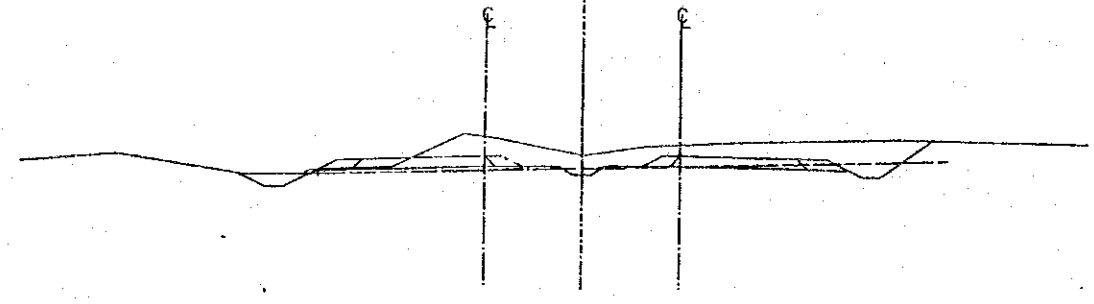
CH. 4+920 CH. 4+920
 FH=1681.266 FH=1681.266
 GF=1682.60 GF=1681.91



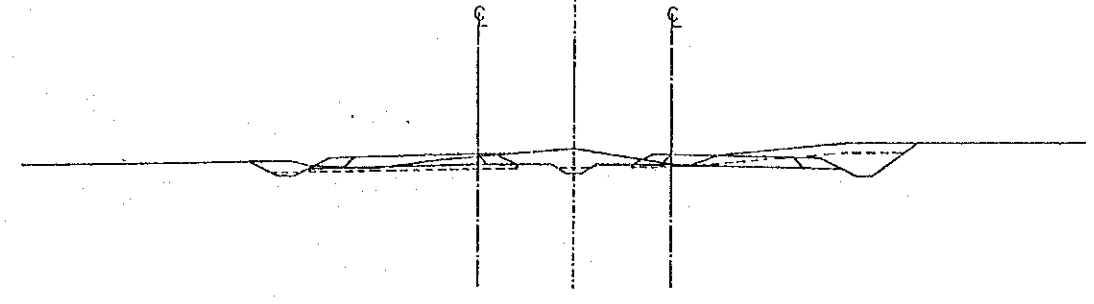
CH. 5+0 CH. 5+0
 FH=1681.793 FH=1681.793
 GF=1681.57 GF=1682.19



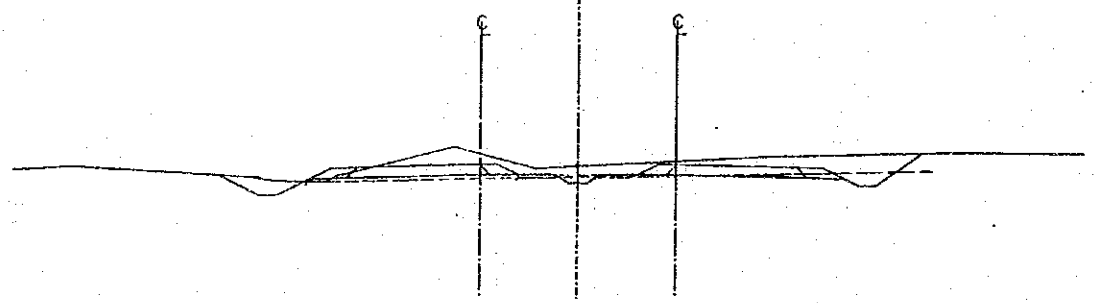
CH. 4+940 CH. 4+940
 FH=1681.397 FH=1681.397
 GF=1682.49 GF=1682.02



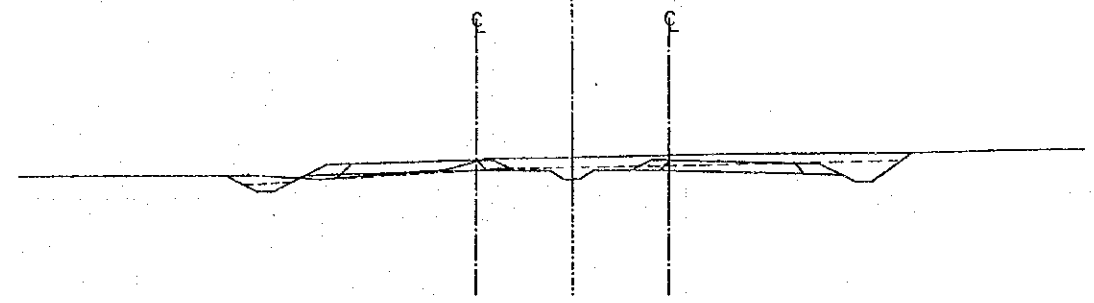
CH. 5+20 CH. 5+20
 FH=1681.924 FH=1681.924
 GF=1681.79 GF=1681.37



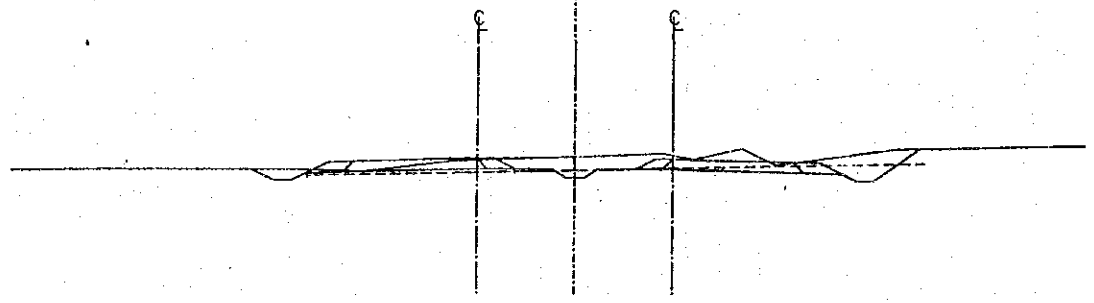
CH. 4+960 CH. 4+960
 FH=1681.529 FH=1681.529
 GF=1682.12 GF=1681.71



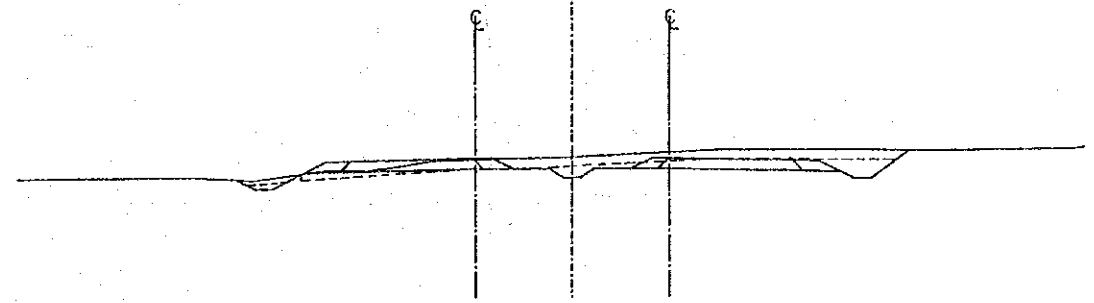
CH. 5+40 CH. 5+40
 FH=1682.056 FH=1682.056
 GF=1681.99 GF=1682.34



CH. 4+980 CH. 4+980
 FH=1681.661 FH=1681.661
 GF=1681.57 GF=1681.88



CH. 5+60 CH. 5+60
 FH=1682.188 FH=1682.188
 GF=1682.14 GF=1682.54



AERIAL PHOTO BY	SURVEYED BY
MAPPING BY	TRACED BY
LOCATION BY	CHECKED BY

M.O.P.W. ROADS DEPT DRG NO.

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL
COOPERATION AGENCY

CHIEF ENGINEER (ROADS)
CHIEF SUPT. ENG. (DESIGN)

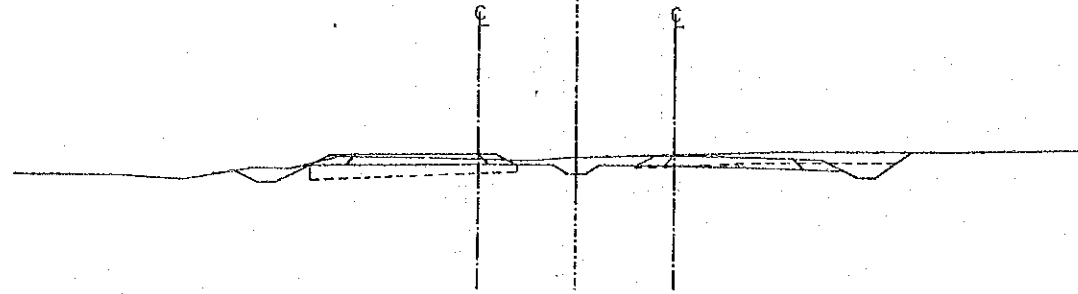
SEN. SUPT. ENG. (DESIGN)
SUPT. ENGINEER (DESIGN)
PROJECT ENGINEER

SCALES
1 : 200

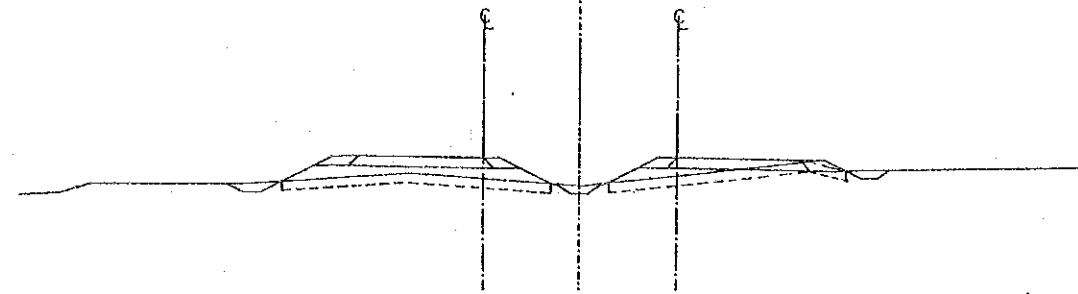
NAIROBI BYPASS
CROSS SECTION

SHEET 33 OF 196

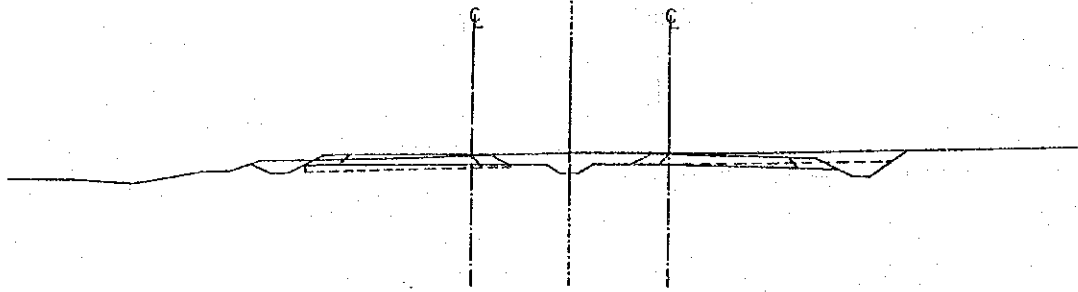
CH.5+80 CH.5+80
 PI=1682.319 PI=1682.319
 GI=1682.04 GI=1682.35



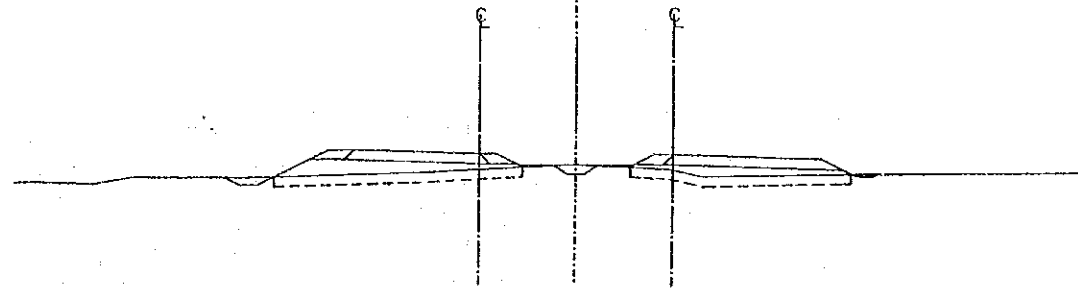
CH.5+140 CH.5+140
 PI=1682.714 PI=1682.714
 GI=1681.57 GI=1681.69



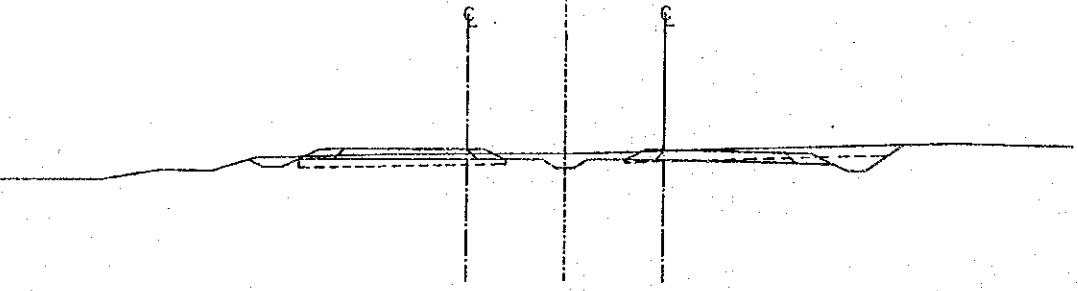
CH.5+91.2 CH.5+91.257
 PI=1682.393 PI=1682.393
 GI=1682.31 GI=1682.47



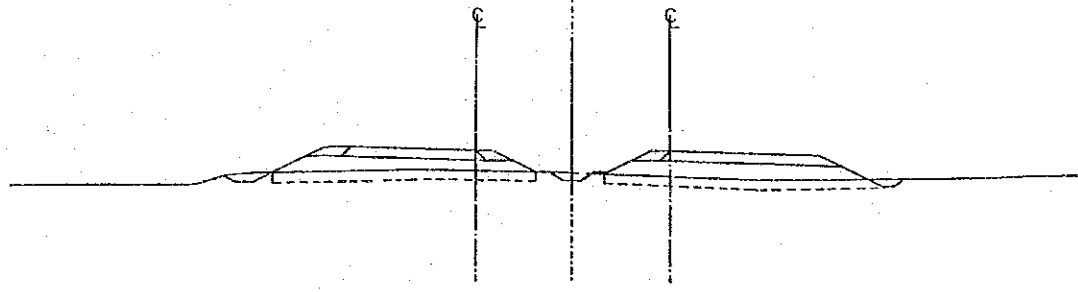
CH.5+160 CH.5+160
 PI=1682.846 PI=1682.846
 GI=1681.95 GI=1681.95



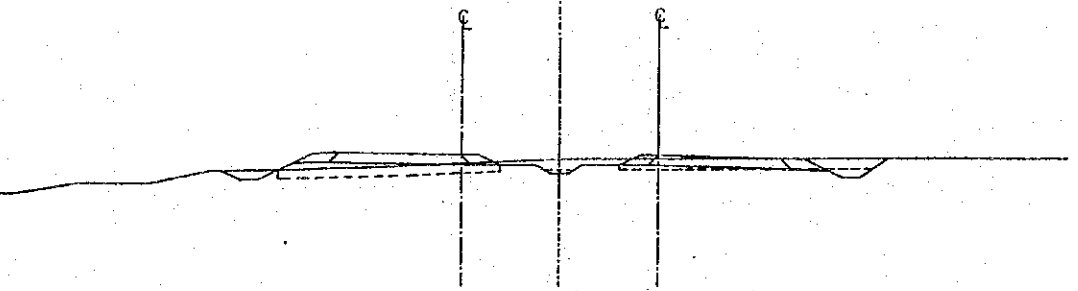
CH.5+100 CH.5+100
 PI=1682.451 PI=1682.451
 GI=1682.19 GI=1682.38



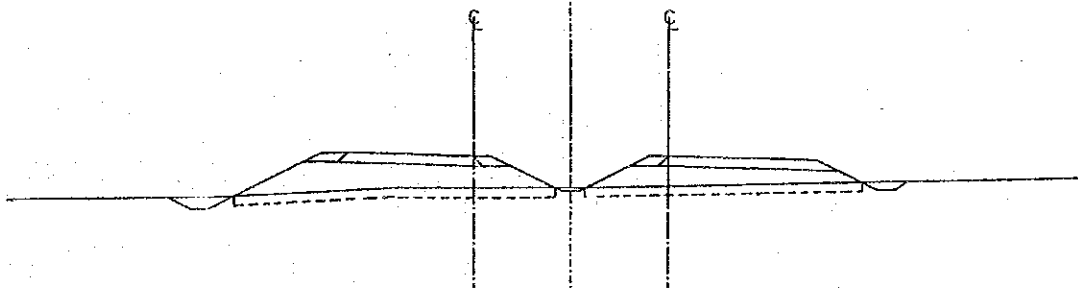
CH.5+180 CH.5+180
 PI=1682.978 PI=1682.978
 GI=1681.81 GI=1681.49



CH.5+120 CH.5+120
 PI=1682.583 PI=1682.583
 GI=1682.09 GI=1682.38



CH.5+200 CH.5+200
 PI=1683.110 PI=1683.110
 GI=1681.32 GI=1681.39



AERIAL PHOTO BY _____ SURVEYED BY _____
 MAPPING BY _____ TRACED BY _____
 LOCATION BY _____ CHECKED BY _____

M.O.P.W. ROADS DEPT. DRG. NO.

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL
COOPERATION AGENCY

CHIEF ENGINEER (ROADS)
CHIEF SUPT. ENG. (DESIGN)

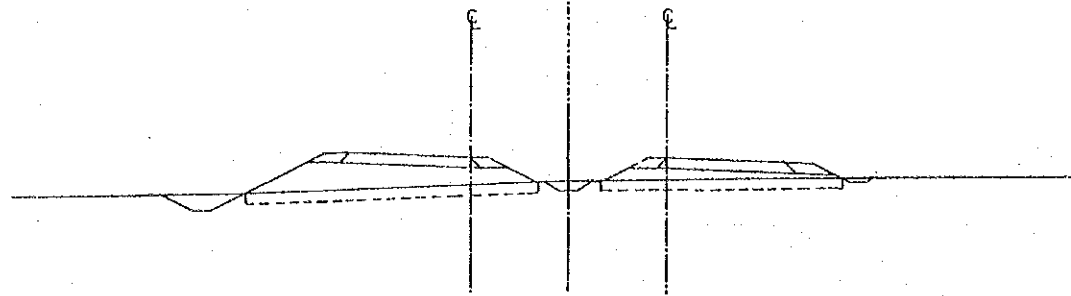
SEN. SUPT. ENG. (DESIGN)
SUPT. ENGINEER (DESIGN)
PROJECT ENGINEER

SCALES
1 : 200

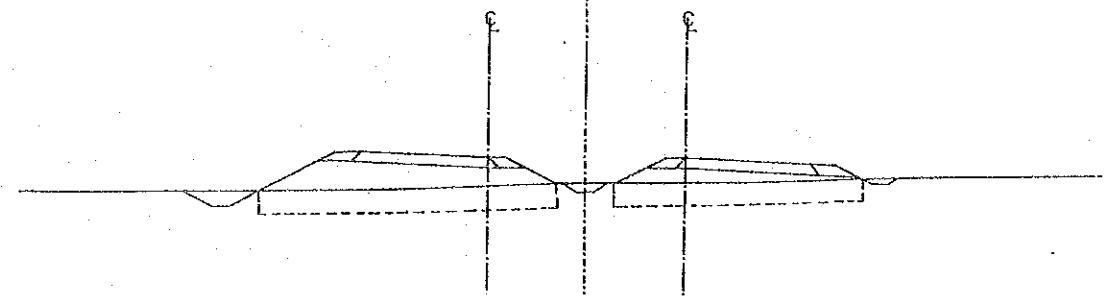
NAIROBI BYPASS
CROSS SECTION

SHEET 34 OF 96

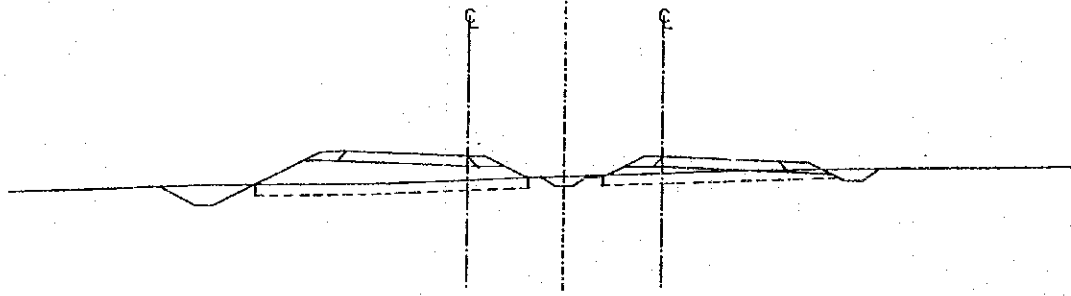
CH. 5+220 CH. 5+220
 PI=1683.241 PI=1683.241
 GI=1681.74 GI=1682.03



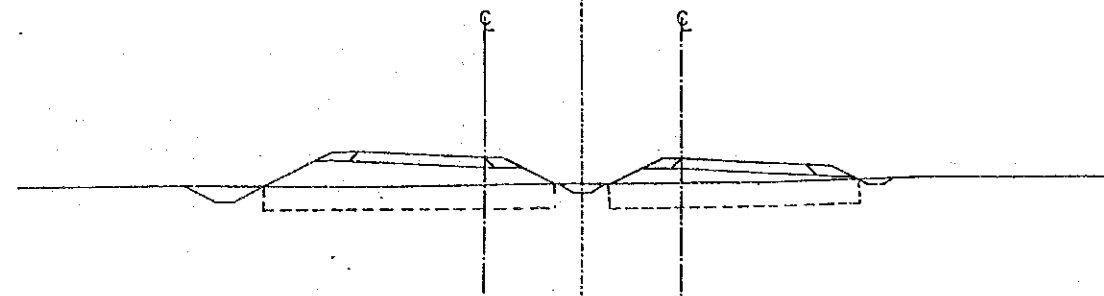
CH. 5+291 CH. 5+291.257
 PI=1683.710 PI=1683.710
 GI=1682.14 GI=1682.35



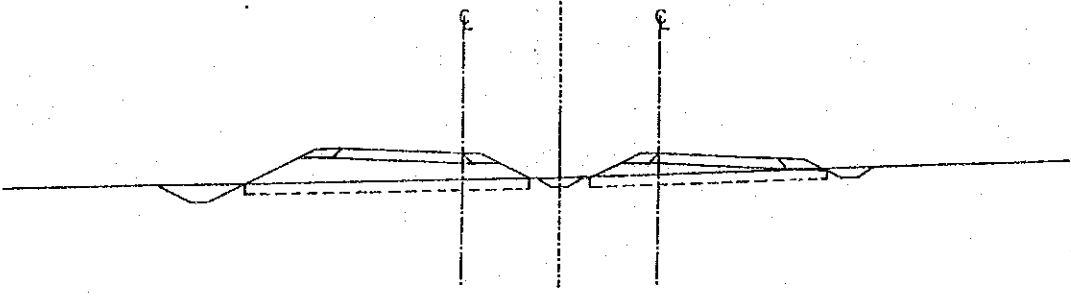
CH. 5+240 CH. 5+240
 PI=1683.373 PI=1683.373
 GI=1682.03 GI=1682.43



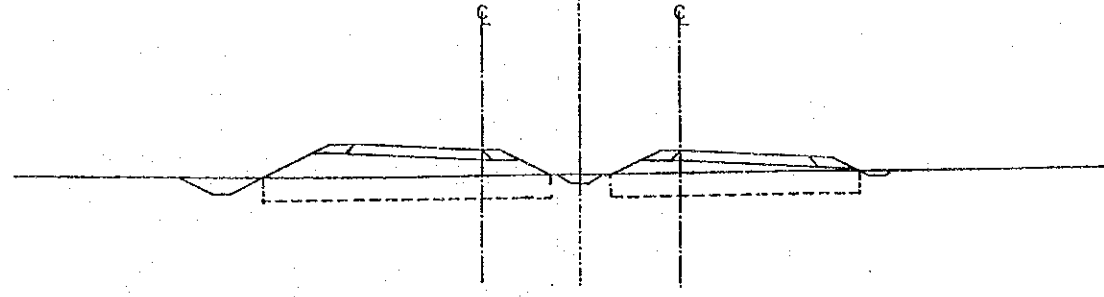
CH. 5+300 CH. 5+300
 PI=1683.768 PI=1683.768
 GI=1682.23 GI=1682.39



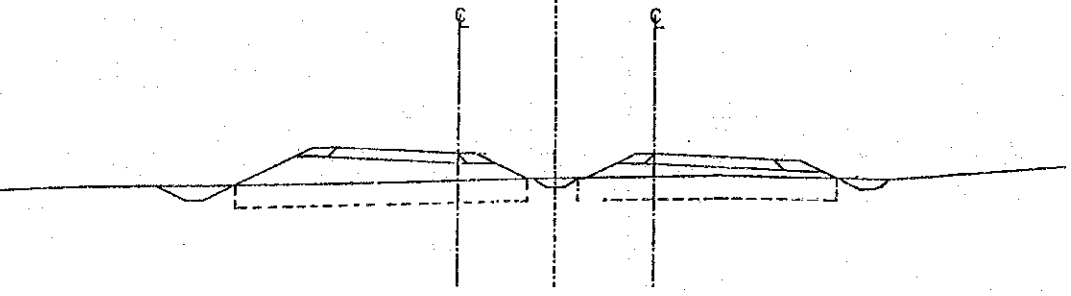
CH. 5+260 CH. 5+260
 PI=1683.505 PI=1683.505
 GI=1682.02 GI=1682.30



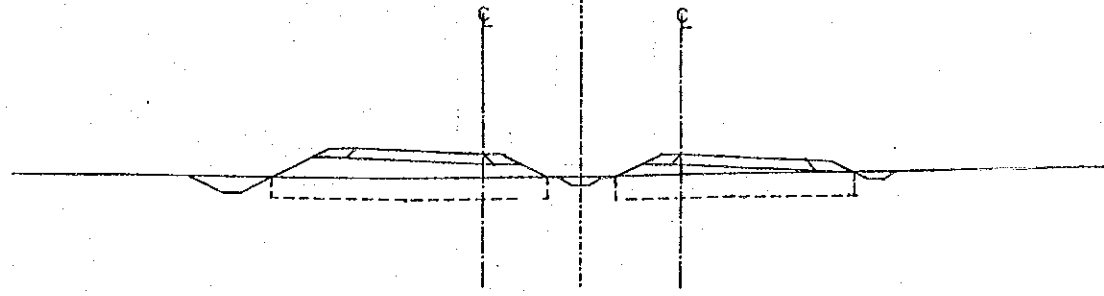
CH. 5+320 CH. 5+320
 PI=1683.900 PI=1683.900
 GI=1682.43 GI=1682.62



CH. 5+280 CH. 5+280
 PI=1683.636 PI=1683.636
 GI=1682.07 GI=1682.33



CH. 5+340 CH. 5+340
 PI=1684.031 PI=1684.031
 GI=1682.70 GI=1682.89



SURVEYED BY
 TRACED BY
 CHECKED BY
 AERIAL PHOTO BY
 MAPPING BY
 LOCATION BY

M.O.P.W. ROADS DEPT. DRG. NO.

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL
 COOPERATION AGENCY

CHIEF ENGINEER (ROADS)
 CHIEF Supt. Eng. (DESIGN)

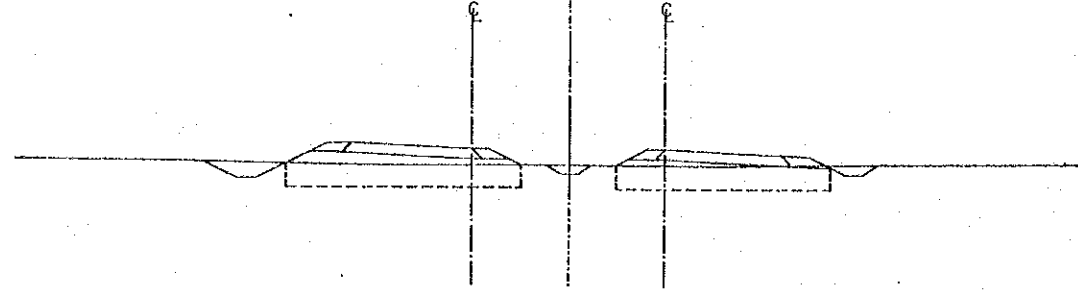
SEN. Supt. Eng. (DESIGN)
 Supt. Engineer (DESIGN)
 PROJECT ENGINEER

SCALES
 1 : 200

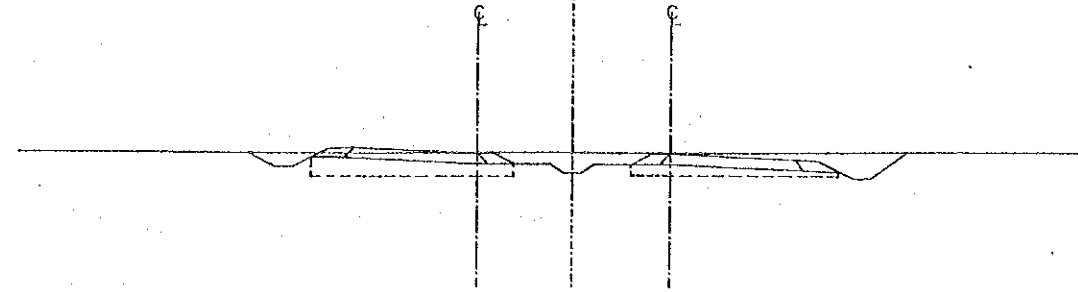
NAIROBI BYPASS
 CROSS SECTION

SHEET 35 OF 196

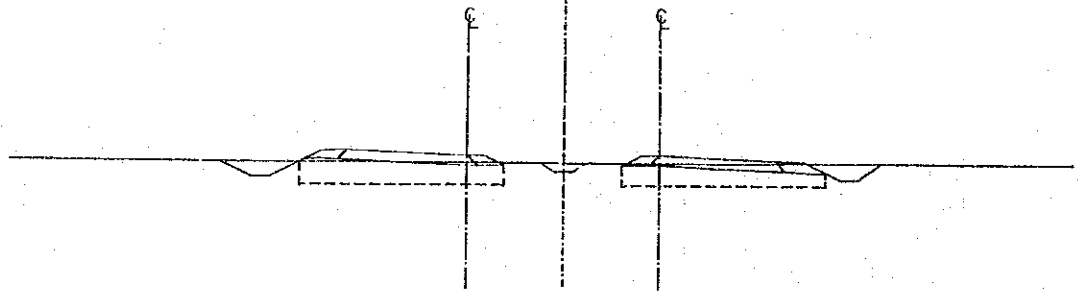
CH.5+360 CH.5+360
 PI=1684.163 PI=1684.163
 G=1683.24 G=1683.22



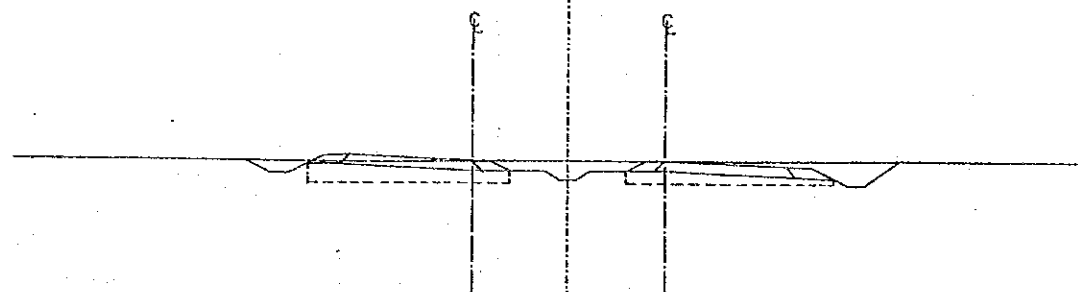
CH.5+440 CH.5+440
 PI=1684.845 PI=1684.845
 G=1684.91 G=1684.90



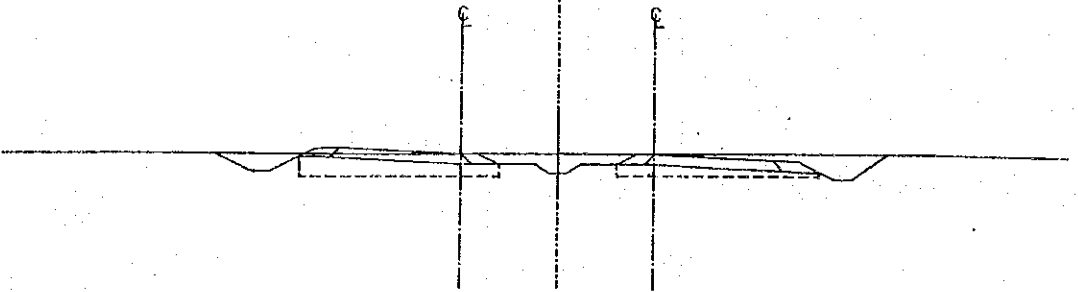
CH.5+380 CH.5+380
 PI=1684.295 PI=1684.295
 G=1683.90 G=1683.82



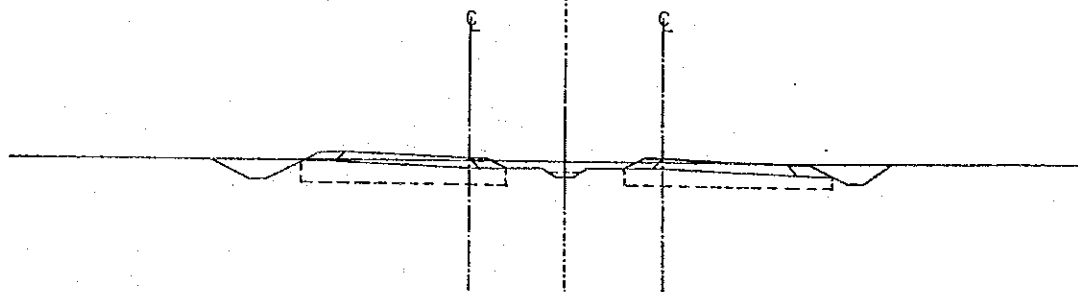
CH.5+460 CH.5+460
 PI=1685.171 PI=1685.171
 G=1685.14 G=1685.15



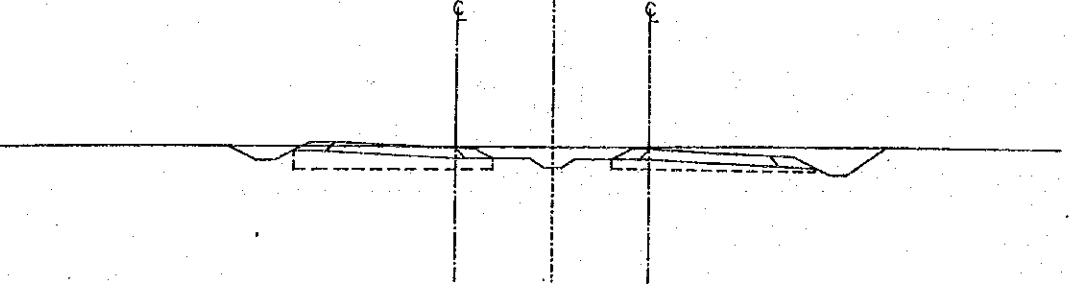
CH.5+400 CH.5+400
 PI=1684.427 PI=1684.427
 G=1684.43 G=1684.46



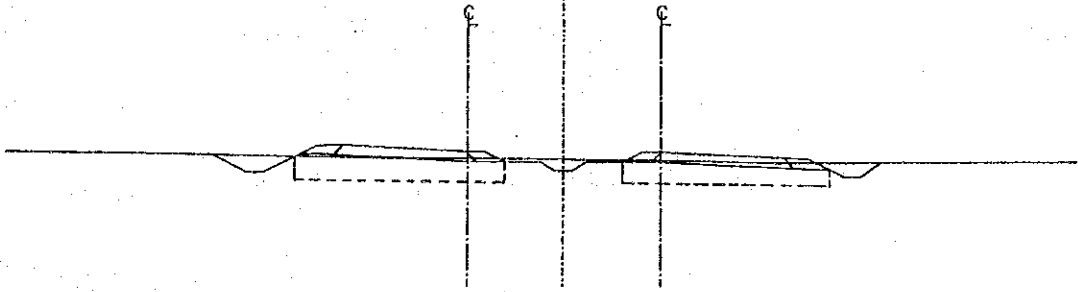
CH.5+480 CH.5+480
 PI=1685.574 PI=1685.574
 G=1685.42 G=1685.35



CH.5+420 CH.5+420
 PI=1684.597 PI=1684.597
 G=1684.68 G=1684.72



CH.5+500 CH.5+500
 PI=1686.055 PI=1686.055
 G=1685.66 G=1685.57



AERIAL PHOTO BY	SURVEYED BY
MAPPING BY	TRACED BY
LOCATION BY	CHECKED BY

M.C.P.W. ROADS DEPT. DRG. NO.

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL COOPERATION AGENCY
 CHIEF ENGINEER (ROADS)
 CHIEF SUPT. ENG. (DESIGN)

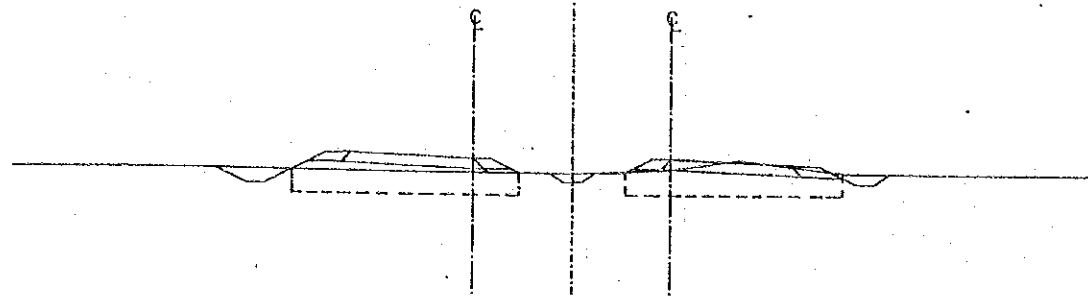
SEN. SUPT. ENG. (DESIGN)
 SUPT. ENGINEER (DESIGN)
 PROJECT ENGINEER

SCALES
 1 : 200

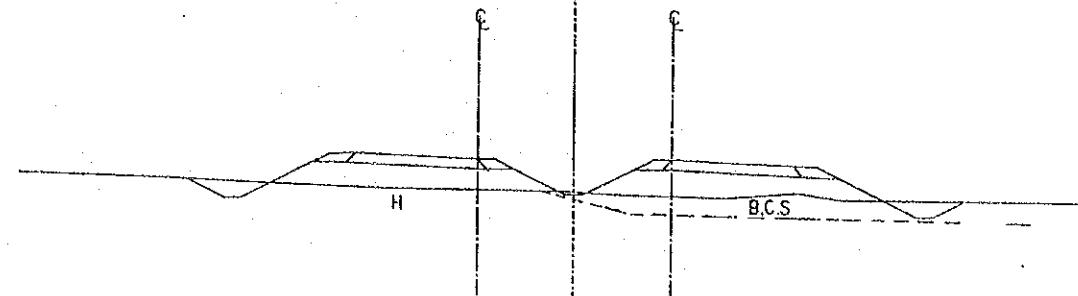
NAIROBI BYPASS
 CROSS SECTION

SHEET 36 OF 196

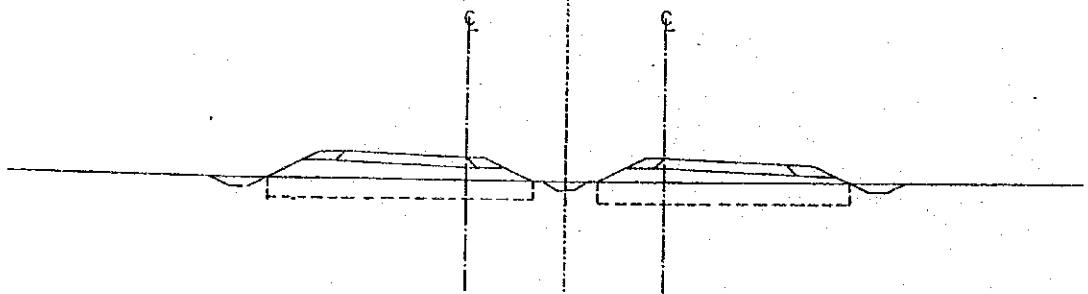
CH. 5+520 CH. 5+520
 P+1686.613 P+1686.613
 G+1685.83 G+1686.02



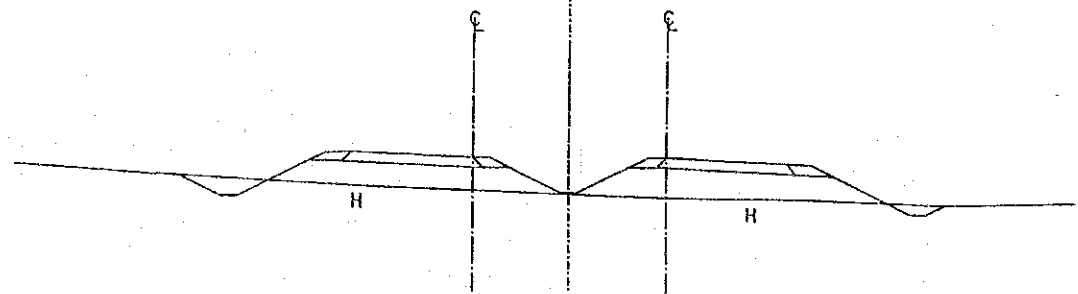
CH. 5+600 CH. 5+600
 P+1689.622 P+1689.622
 G+1687.88 G+1687.54



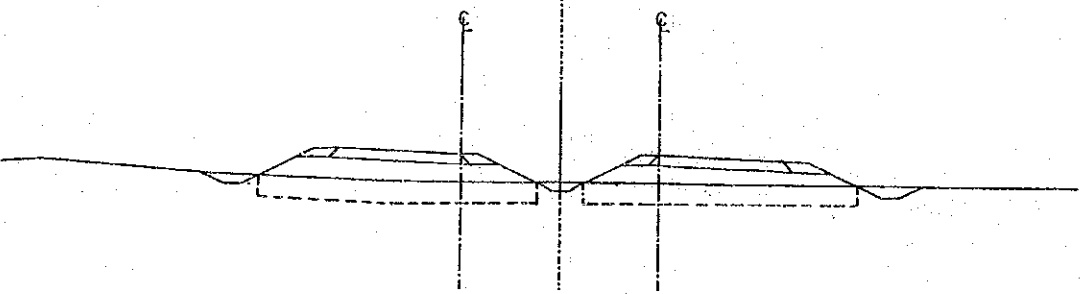
CH. 5+540 CH. 5+540
 P+1687.249 P+1687.249
 G+1685.95 G+1685.86



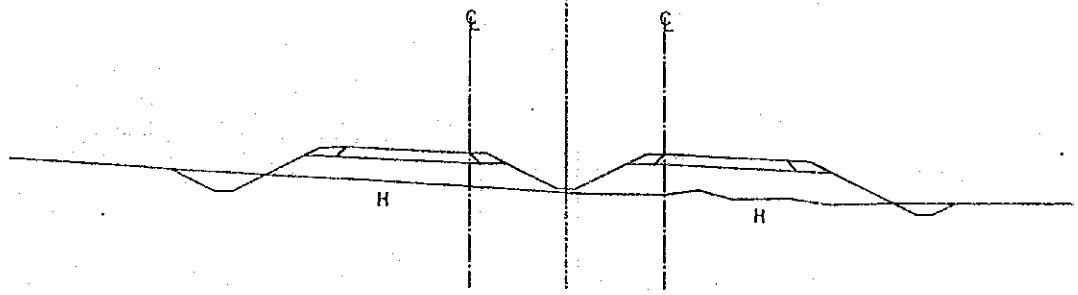
CH. 5+617 CH. 5+617.777
 P+1690.429 P+1690.429
 G+1688.54 G+1688.12



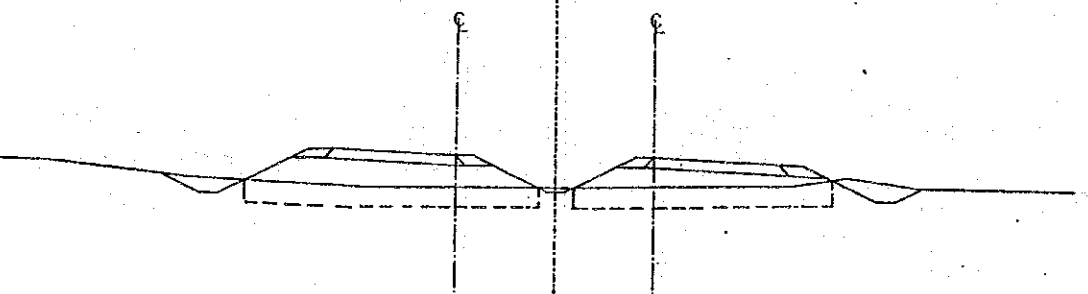
CH. 5+560 CH. 5+560
 P+1687.963 P+1687.963
 G+1686.39 G+1686.35



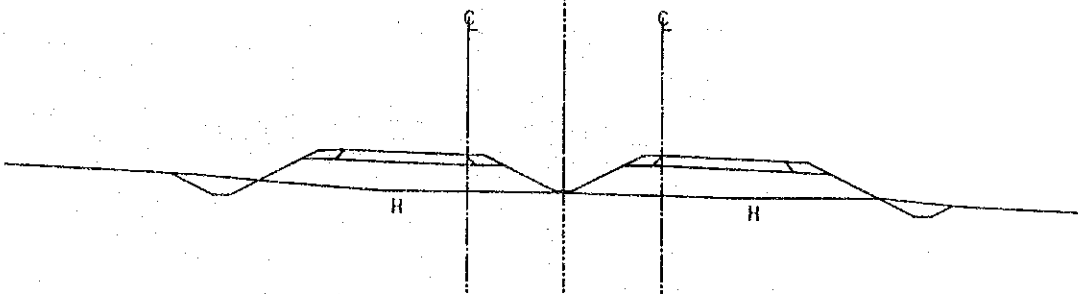
CH. 5+620 CH. 5+620
 P+1690.530 P+1690.530
 G+1688.64 G+1688.23



CH. 5+580 CH. 5+580
 P+1688.754 P+1688.754
 G+1686.98 G+1687.11



CH. 5+640 CH. 5+640
 P+1691.437 P+1691.437
 G+1689.39 G+1689.17



AERIAL PHOTO BY _____ SURVEYED BY _____
 MAPPING BY _____ TRACED BY _____
 LOCATION BY _____ CHECKED BY _____

M.O.P.W. ROADS DEPT. DRG. NO. _____

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL
 COOPERATION AGENCY

CHIEF ENGINEER (ROADS)
 CHIEF SUPT. ENG. (DESIGN)

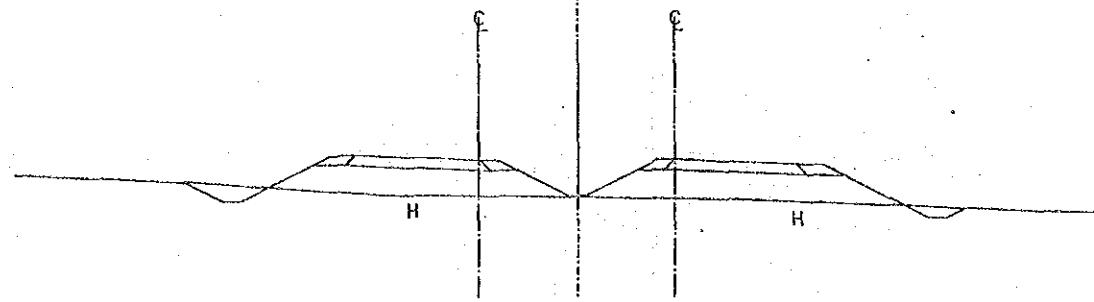
SEN. SUPT. ENG. (DESIGN)
 SUPT. ENGINEER (DESIGN)
 PROJECT ENGINEER

SCALES
 1 : 200

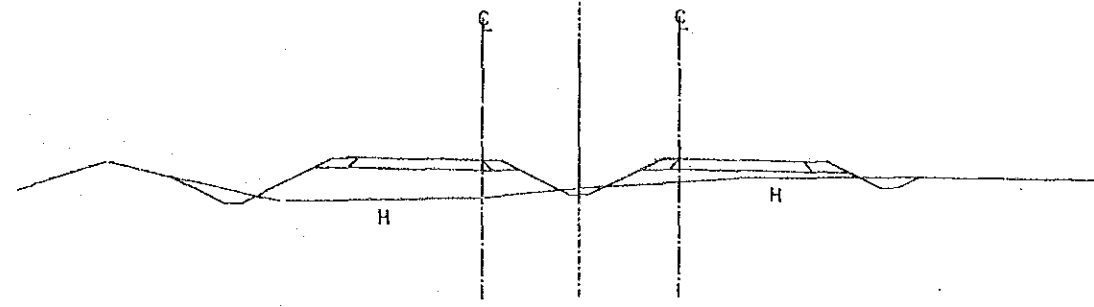
NAIROBI BYPASS
 CROSS SECTION

SHEET 37 OF 196

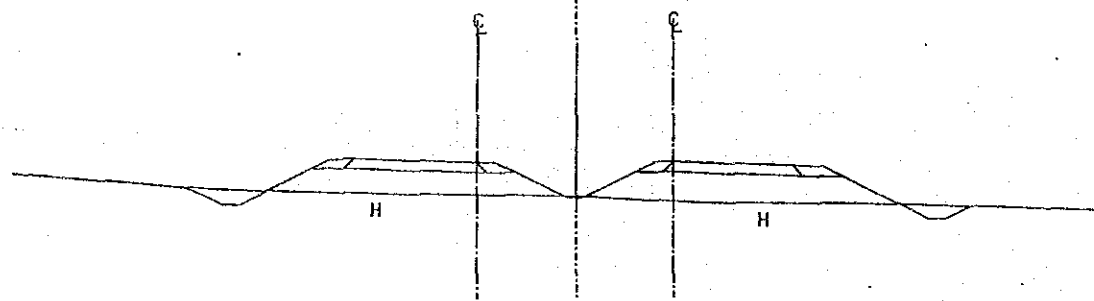
CH. 5+660 CH. 5+660
 PI=1692.345 PI=1692.345
 GI=1690.34 GI=1690.15



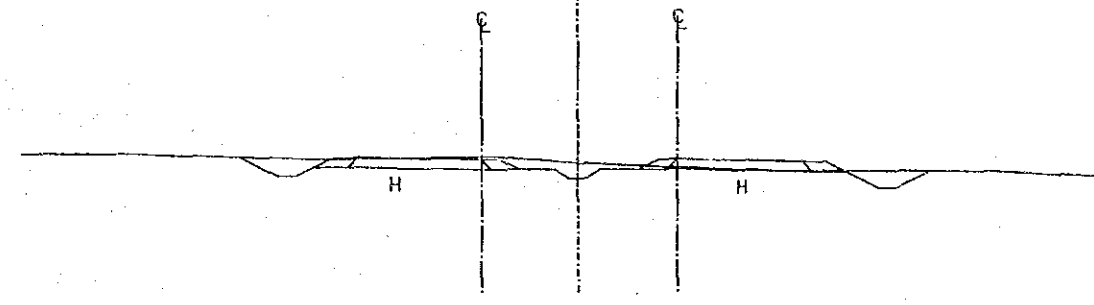
CH. 5+740 CH. 5+740
 PI=1695.861 PI=1695.861
 GI=1693.75 GI=1694.57



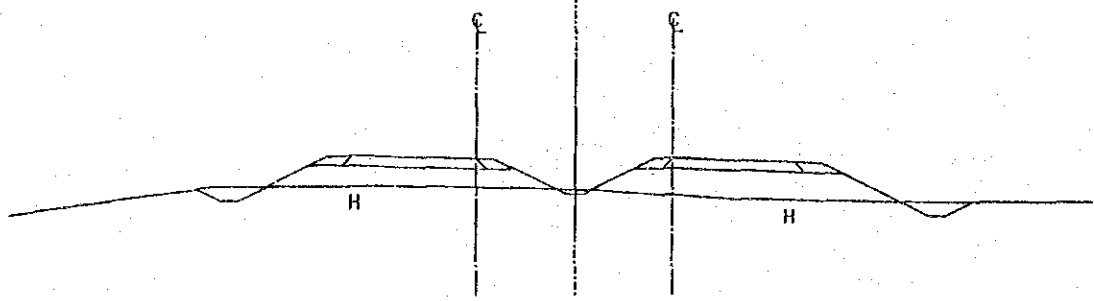
CH. 5+680 CH. 5+680
 PI=1693.252 PI=1693.252
 GI=1691.42 GI=1691.02



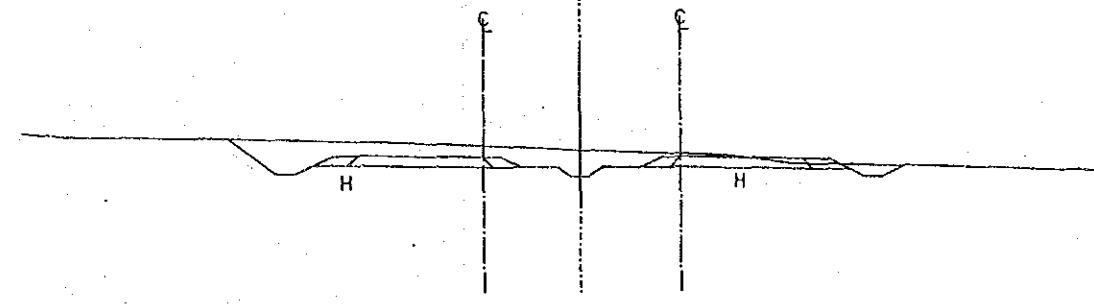
CH. 5+760 CH. 5+760
 PI=1696.628 PI=1696.628
 GI=1696.78 GI=1696.17



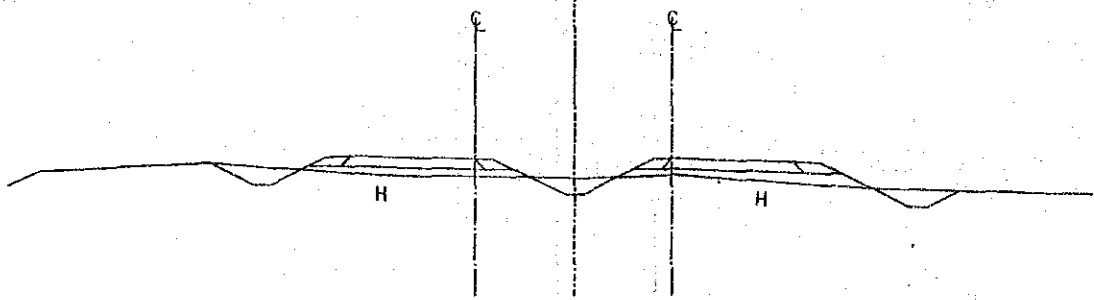
CH. 5+700 CH. 5+700
 PI=1694.160 PI=1694.160
 GI=1692.55 GI=1692.08



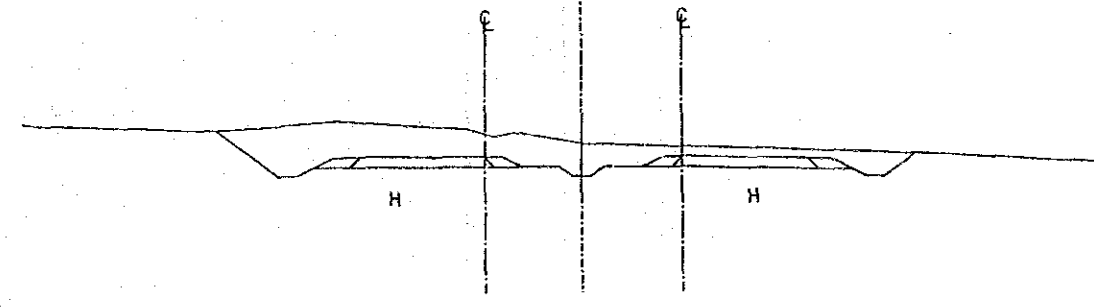
CH. 5+780 CH. 5+780
 PI=1697.337 PI=1697.337
 GI=1697.97 GI=1697.50



CH. 5+720 CH. 5+720
 PI=1695.039 PI=1695.039
 GI=1694.08 GI=1694.15



CH. 5+800 CH. 5+800
 PI=1697.990 PI=1697.990
 GI=1699.24 GI=1698.53



SURVEYED BY _____
 TRACED BY _____
 CHECKED BY _____
 AERIAL PHOTO BY _____
 MAPPING BY _____
 LOCATION BY _____

MOPW ROADS DEPT. DRG NO.

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL COOPERATION AGENCY
 CHIEF ENGINEER (ROADS)
 CHIEF SUPT. ENG. (DESIGN)

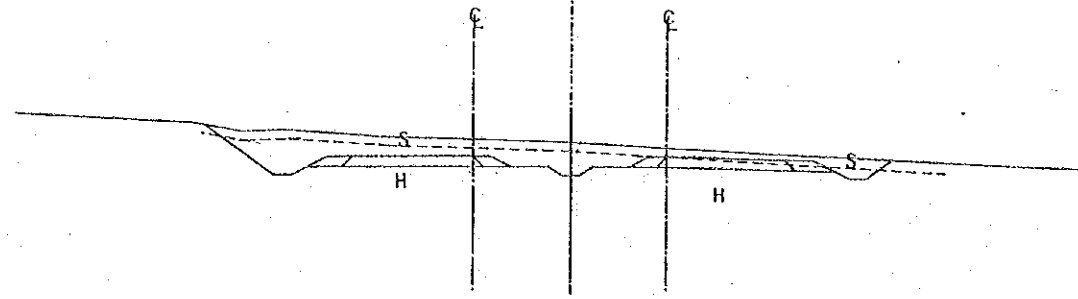
SEN. SUPT. ENG. (DESIGN)
 SUPT. ENGINEER (DESIGN)
 PROJECT ENGINEER

SCALES
 1 : 200

NAIROBI BYPASS
 CROSS SECTION

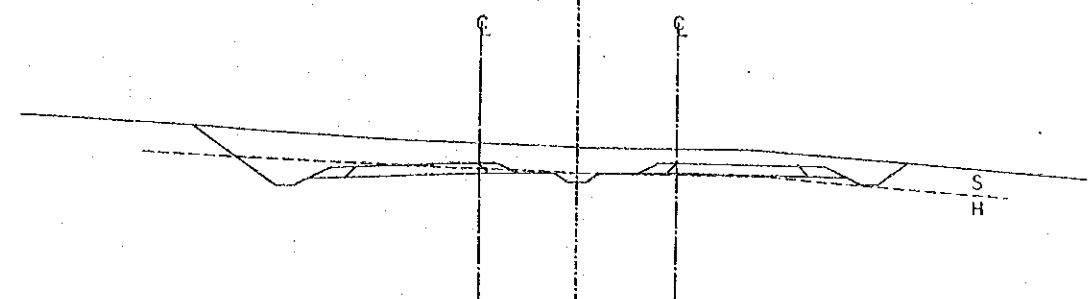
CH.5+817 CH.5+817.777

PI=1698.523 PI=1698.523
GI=1699.46 GI=1699.01



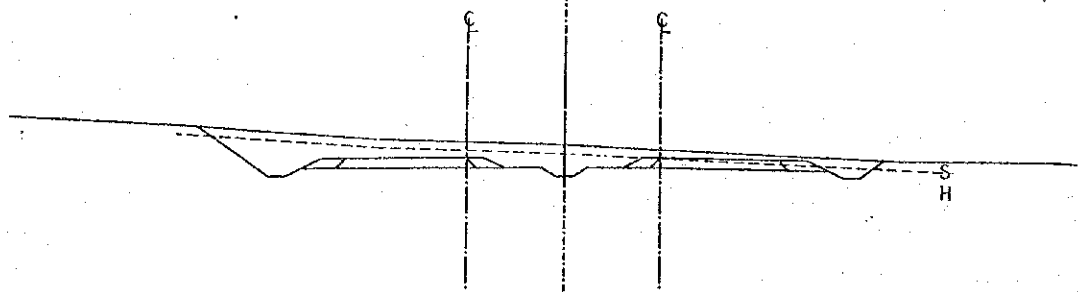
CH.5+880 CH.5+880

PI=1700.036 PI=1700.036
GI=1701.14 GI=1700.83



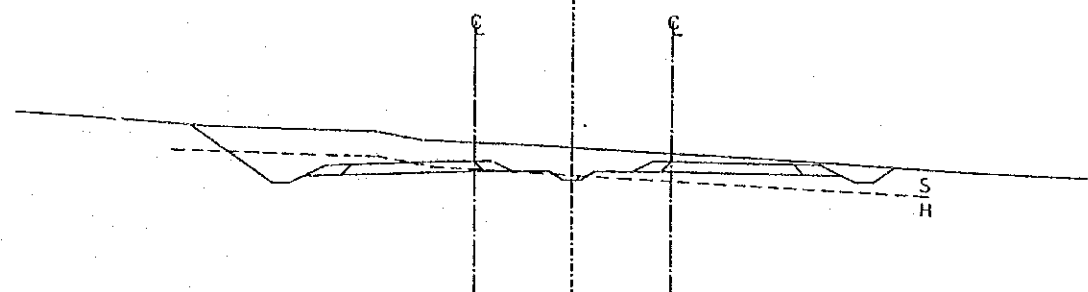
CH.5+820 CH.5+820

PI=1698.586 PI=1698.586
GI=1699.49 GI=1699.04



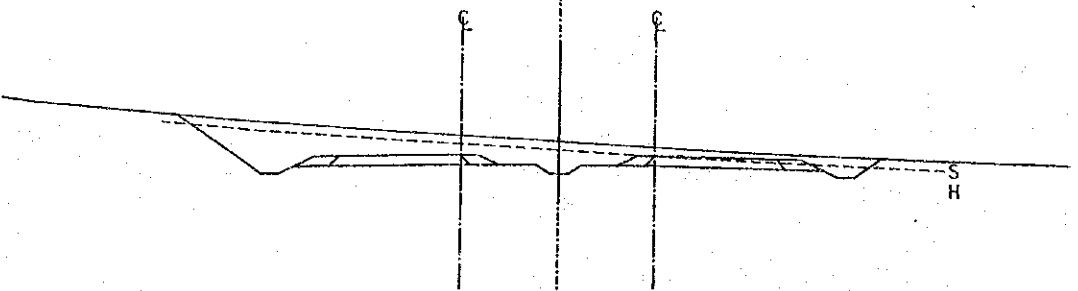
CH.5+900 CH.5+900

PI=1700.406 PI=1700.406
GI=1701.45 GI=1700.86



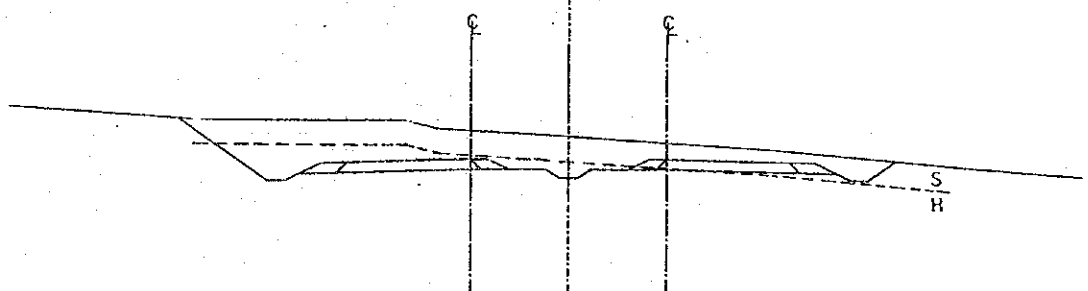
CH.5+840 CH.5+840

PI=1699.126 PI=1699.126
GI=1700.24 GI=1699.61



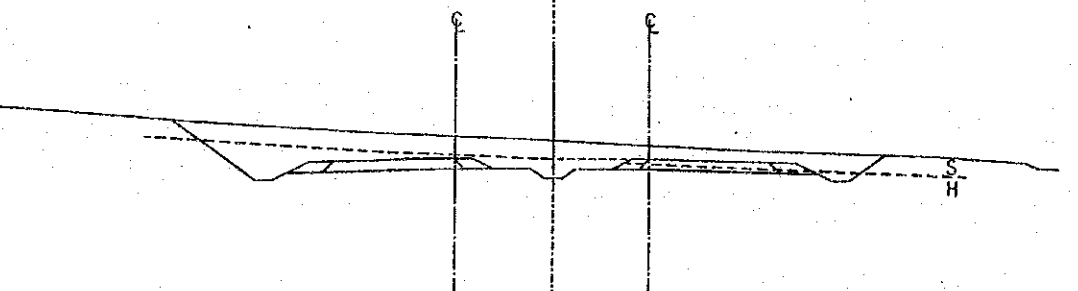
CH.5+920 CH.5+920

PI=1700.748 PI=1700.748
GI=1702.38 GI=1701.69



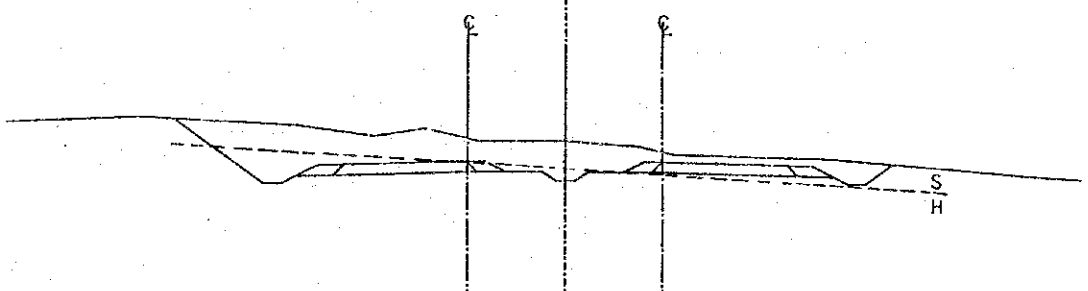
CH.5+860 CH.5+860

PI=1699.609 PI=1699.609
GI=1700.83 GI=1700.35



CH.5+940 CH.5+940

PI=1701.090 PI=1701.090
GI=1702.36 GI=1701.65



AERIAL PHOTO BY	SURVEYED BY
MAPPING BY	TRACED BY
LOCATION BY	CHECKED BY

M.C.P.W. ROADS DEPT DRG NO.

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL
COOPERATION AGENCY

CHIEF ENGINEER (ROADS)
CHIEF SUPT. ENG. (DESIGN)

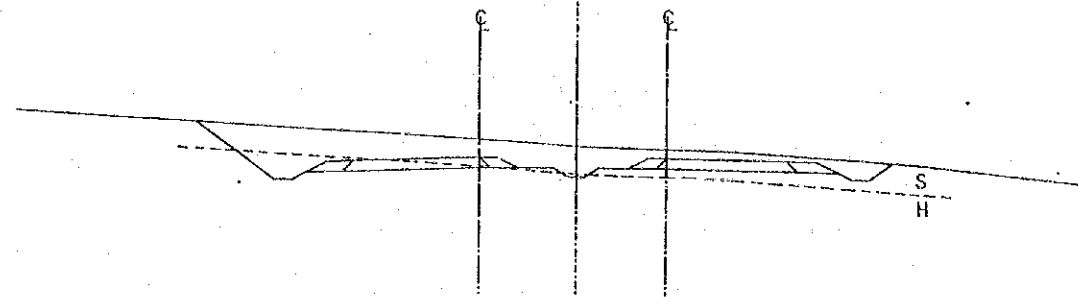
SEN. SUPT. ENG. (DESIGN)
SUPT. ENGINEER (DESIGN)
PROJECT ENGINEER

SCALES
1:200

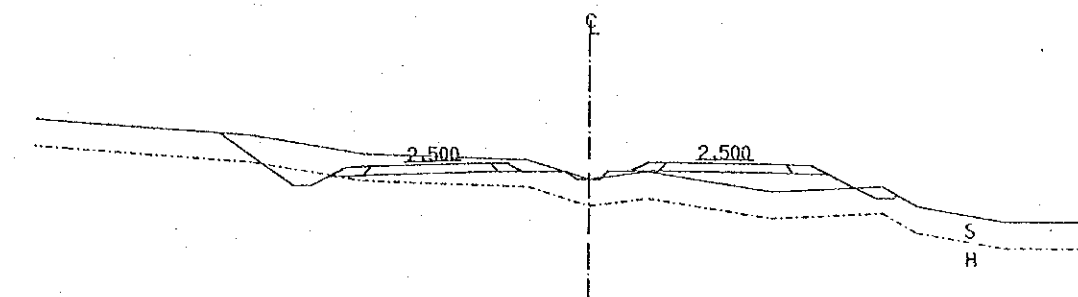
NAIROBI BYPASS
CROSS SECTION

SHEET 39 OF 196

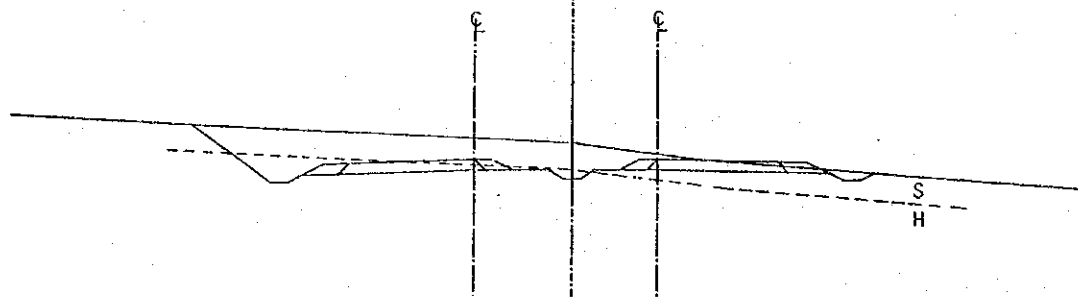
CH. 5+960 CH. 5+960
 PI=1701.432 PI=1701.432
 GI=1702.43 GI=1701.90



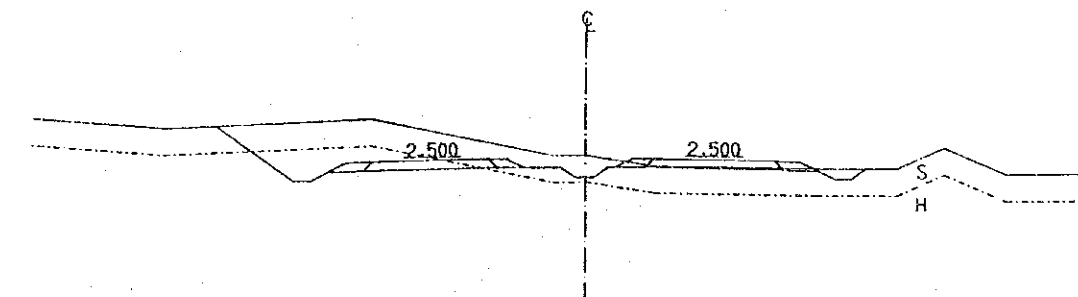
CH. 6+20
 PI=1702.457
 GI=1701.53



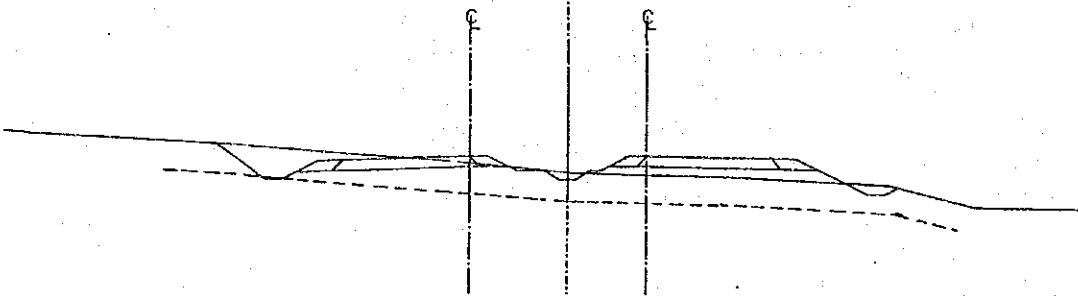
CH. 5+980 CH. 5+980
 PI=1701.774 PI=1701.774
 GI=1702.98 GI=1702.06



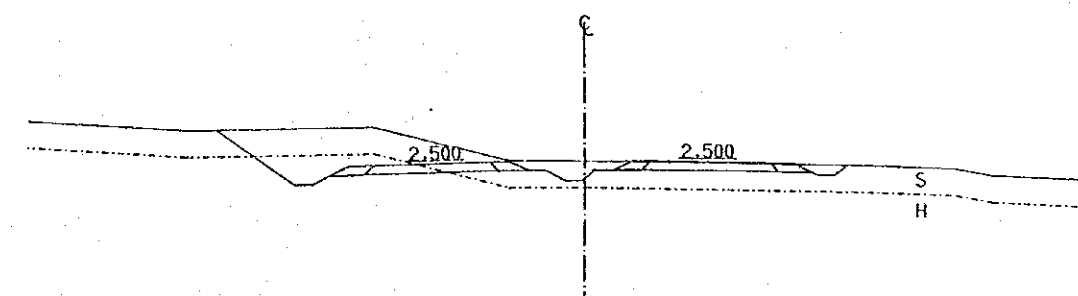
CH. 6+40
 PI=1702.799
 GI=1703.01



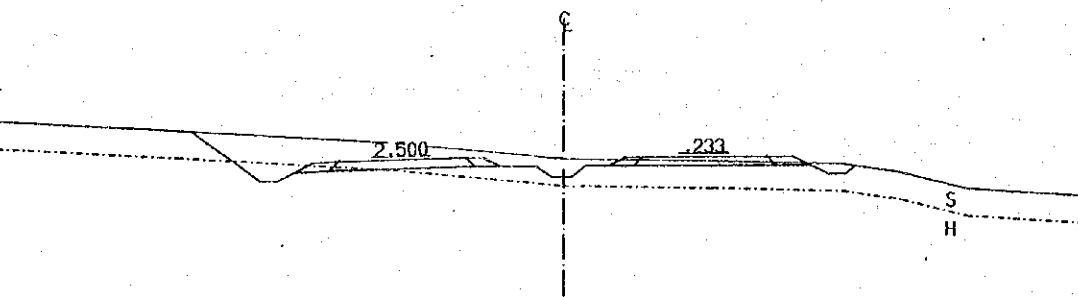
CH. 6+0 CH. 6+0
 PI=1702.116 PI=1702.116
 GI=1701.73 GI=1701.05



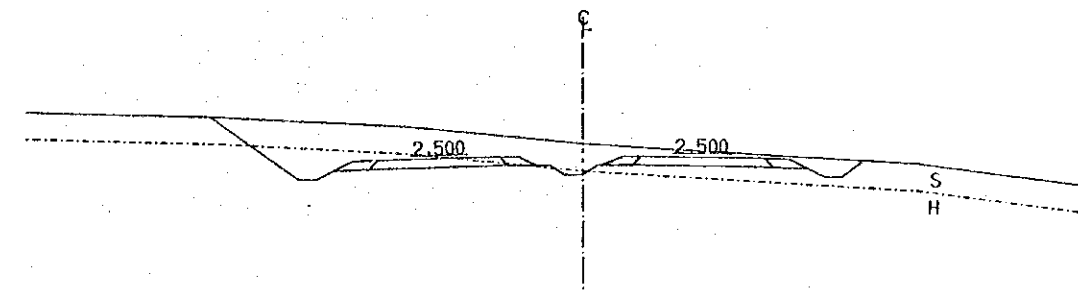
CH. 6+60
 PI=1703.141
 GI=1703.18



CH. 6+1.864
 PI=1702.147
 GI=1702.06



CH. 6+80
 PI=1703.483
 GI=1704.18



SURVEYED BY
 TRACED BY
 CHECKED BY
 AERIAL PHOTO BY
 MAPPING BY
 LOCATION BY

M.O.P.W. ROADS DEPT. DRG. NO.

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL
 COOPERATION AGENCY

CHIEF ENGINEER (ROADS)
 CHIEF SUPT. ENG. (DESIGN)

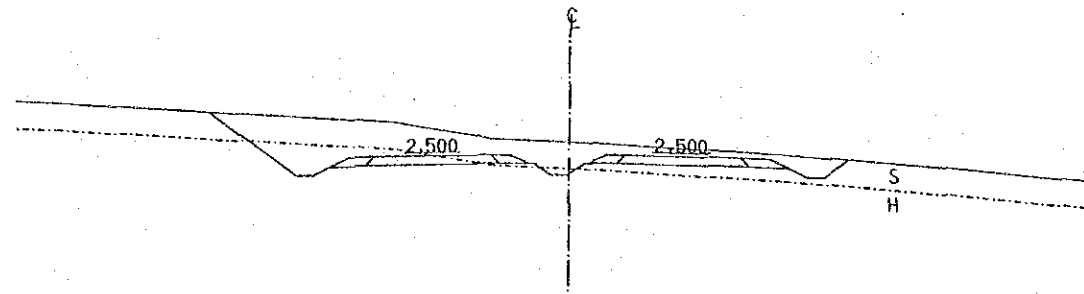
SEN. SUPT. ENG. (DESIGN)
 SUPT. ENGINEER (DESIGN)
 PROJECT ENGINEER

SCALES
 1 : 200

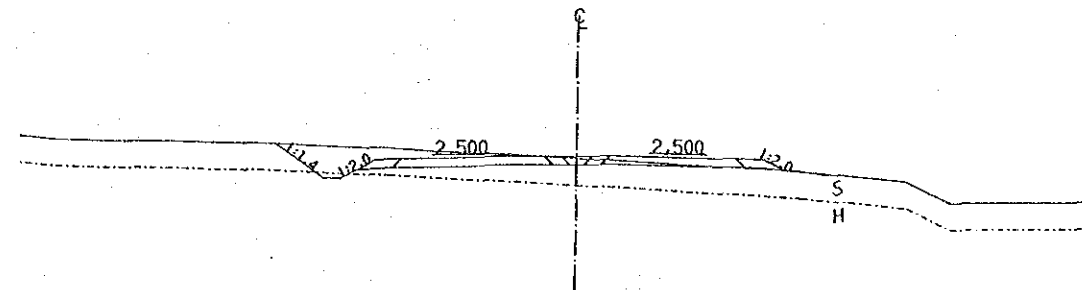
NAIROBI BYPASS
 CROSS SECTION

SHEET 400F196

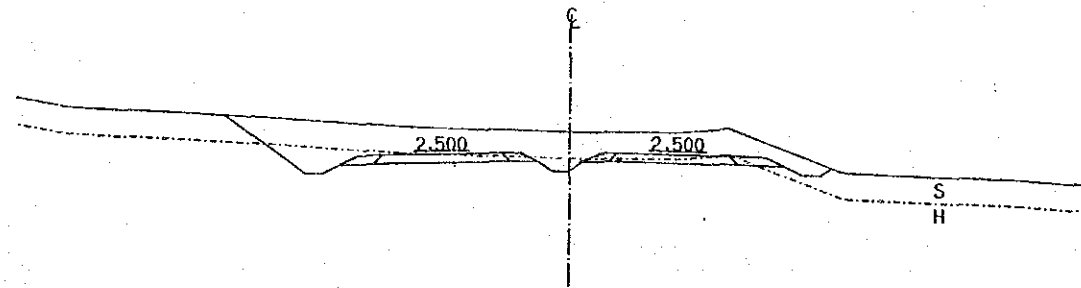
CH. 6+100
 PI=1703.825
 GI=1704.57



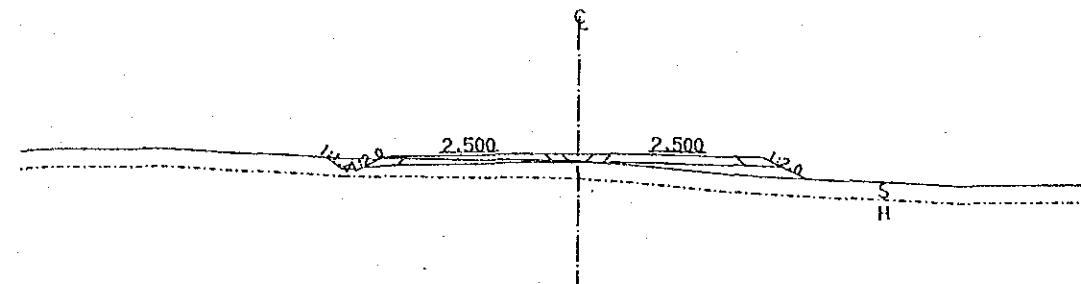
CH. 6+160
 PI=1705.054
 GI=1704.92



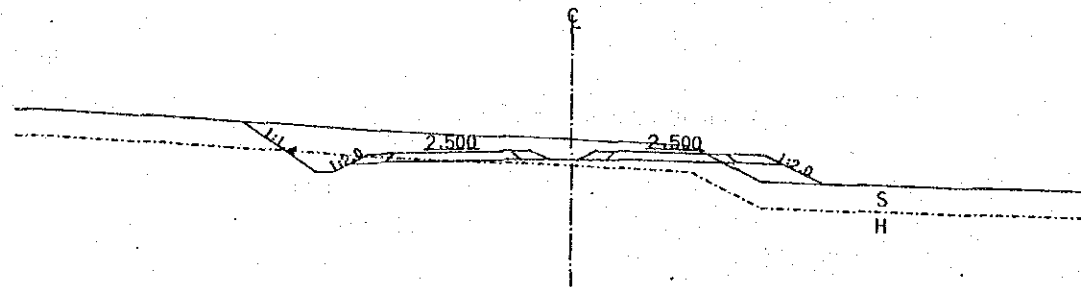
CH. 6+120
 PI=1704.189
 GI=1705.39



CH. 6+180
 PI=1705.555
 GI=1705.17



CH. 6+140
 PI=1704.599
 GI=1705.28



AERIAL PHOTO BY	SURVEYED BY
MAPPING BY	TRACED BY
LOCATION BY	CHECKED BY

MOPW ROADS DEPT DRG NO.

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL
 COOPERATION AGENCY

CHIEF ENGINEER (ROADS)
 CHIEF SUPT. ENG (DESIGN)

SEN SUPT. ENG. (DESIGN)
 SUPT. ENGINEER (DESIGN)
 PROJECT ENGINEER

SCALES
 1 : 200

NAIROBI BYPASS
 CROSS SECTION

SHEET 41 OF 196

CH. 6+200
 P=1706.100
 G=1705.13

CH. 6+280
 P=1708.736
 G=1706.04

CH. 6+220
 P=1706.691
 G=1703.24

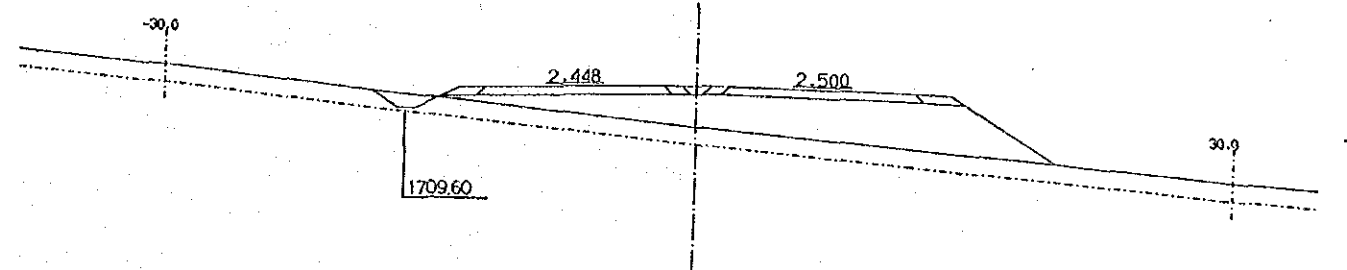
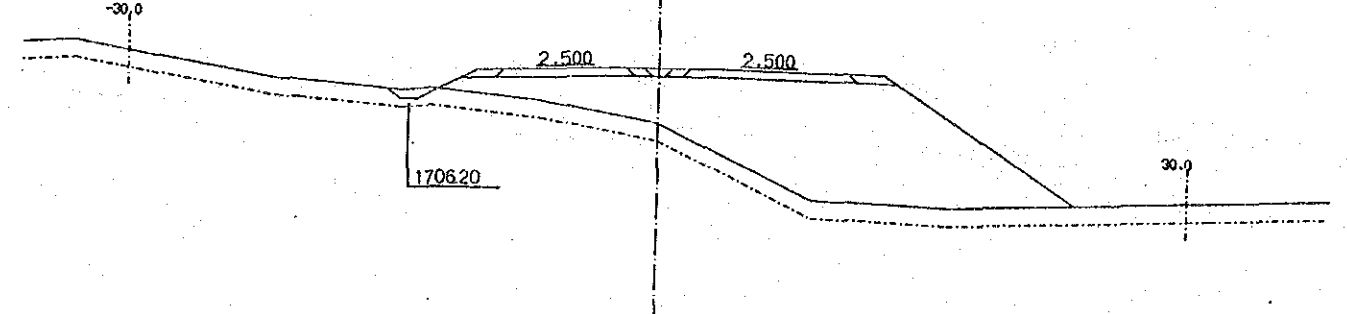
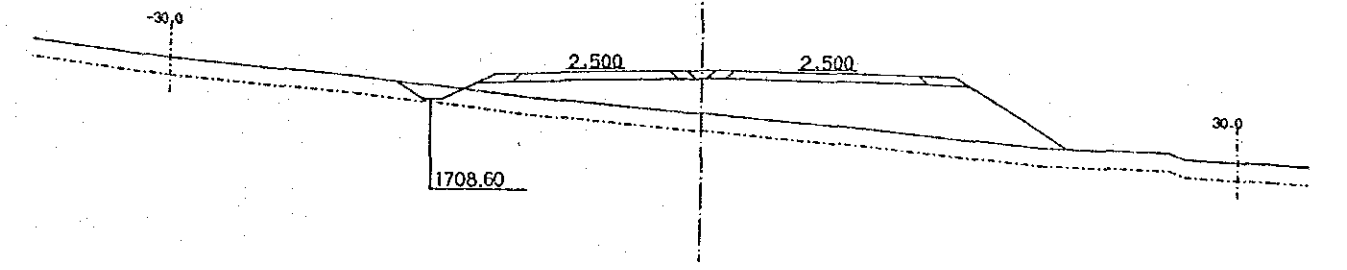
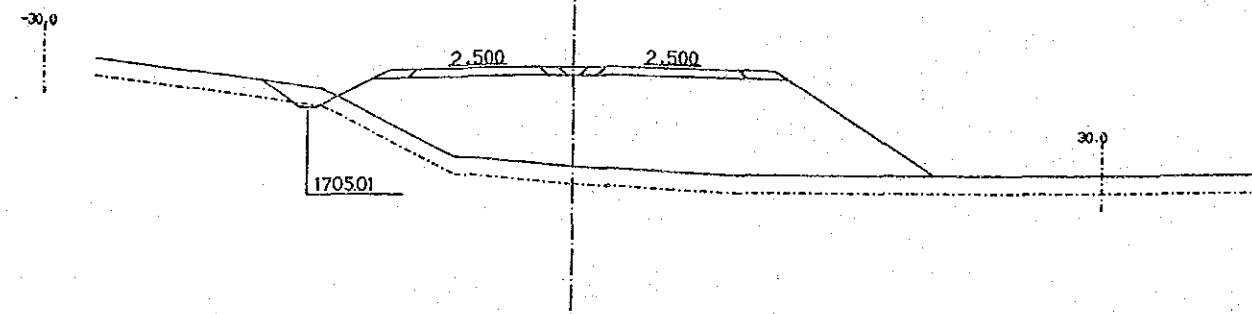
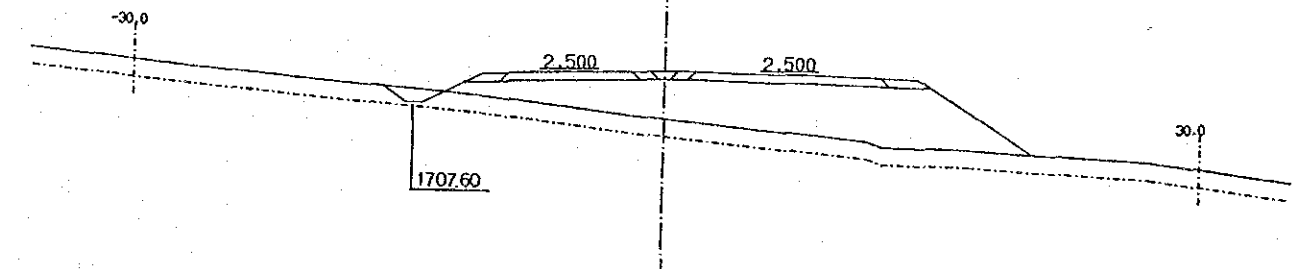
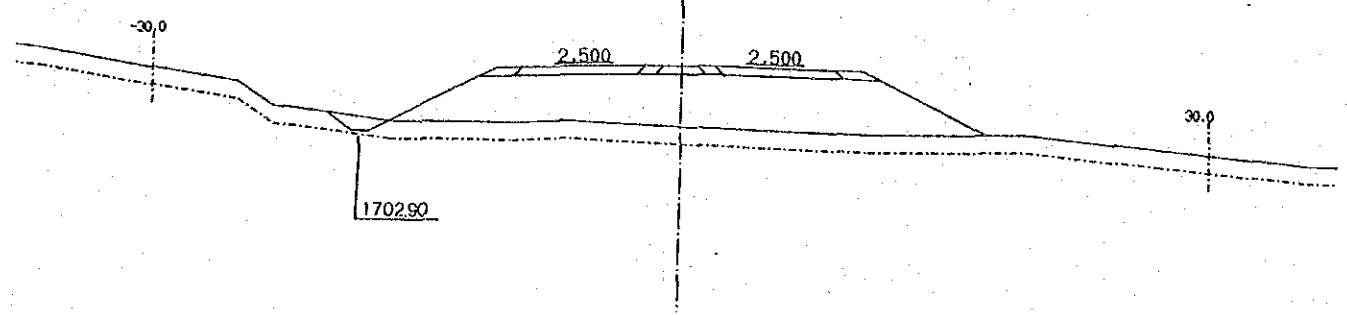
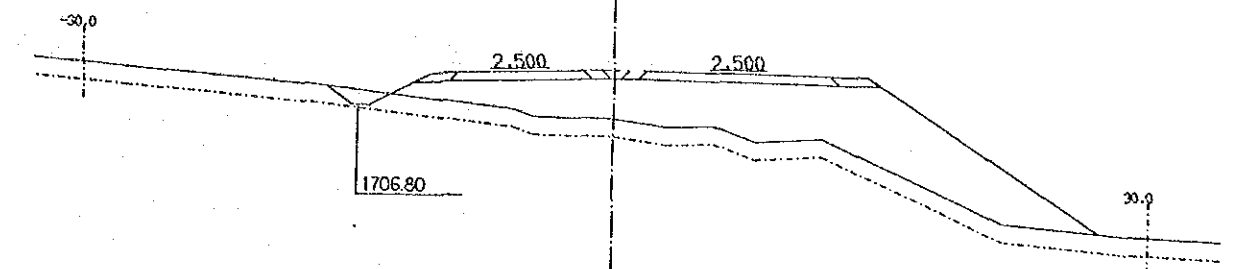
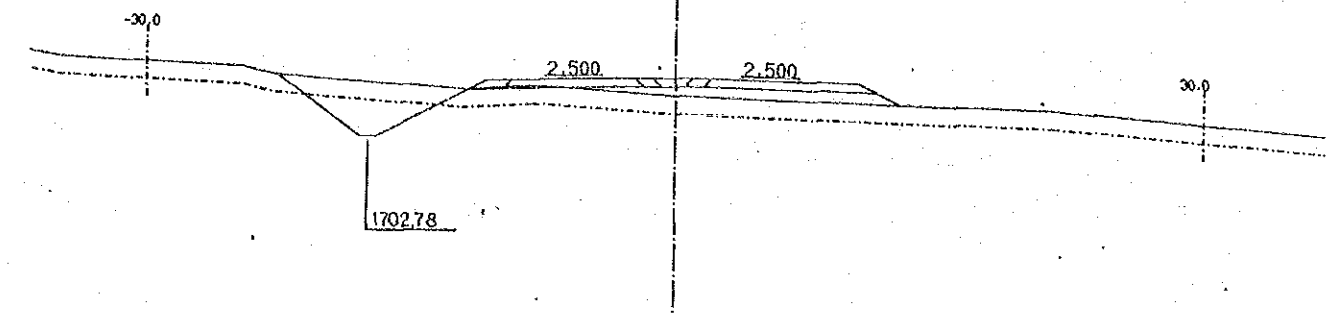
CH. 6+300
 P=1709.509
 G=1706.79

CH. 6+240
 P=1707.328
 G=1701.55

CH. 6+320
 P=1710.304
 G=1707.81

CH. 6+260
 P=1708.009
 G=1704.84

CH. 6+340
 P=1711.099
 G=1708.77



AERIAL PHOTO BY _____
 MAPPING BY _____
 SURVEYED BY _____
 TRACED BY _____
 LOCATION BY _____
 CHECKED BY _____

M.O.P.W. ROADS DEPT DRG NO.

REVISIONS		JAPAN INTERNATIONAL COOPERATION AGENCY	CHIEF ENGINEER (ROADS)	SEN. SUPT. ENG. (DESIGN)	SCALES	NAIROBI BYPASS CROSS SECTION
DESCRIPTION	DATE					
			CHIEF SUPT. ENG. (DESIGN)	SUPT. ENGINEER (DESIGN)	1 : 200	SHEET 42 OF 196
				PROJECT ENGINEER		

CH. 6+360
 PI=1711.894
 GI=1709.66

CH. 6+420
 PI=1714.278
 GI=1710.93

CH. 6+379.176
 PI=1712.656
 GI=1710.19

CH. 6+440
 PI=1715.073
 GI=1711.68

CH. 6+380
 PI=1712.688
 GI=1710.15

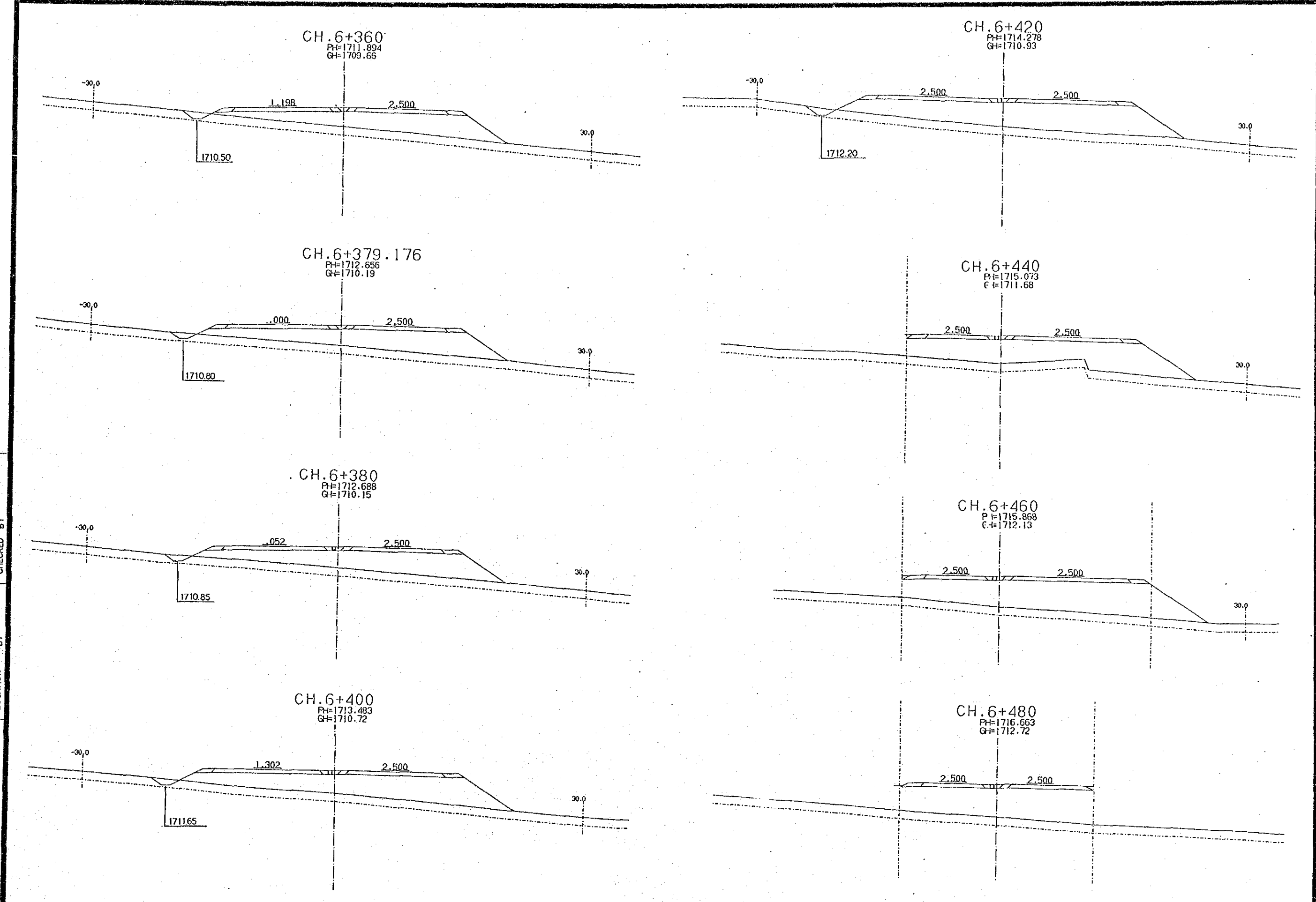
CH. 6+460
 PI=1715.868
 GI=1712.13

CH. 6+400
 PI=1713.483
 GI=1710.72

CH. 6+480
 PI=1716.663
 GI=1712.72

SURVEYED BY	BY
TRACED BY	BY
CHECKED BY	BY
AERIAL PHOTO BY	BY
MAPPING BY	BY
LOCATION BY	BY

MOPW ROADS DEPT DRG NO.



REVISIONS		JAPAN INTERNATIONAL COOPERATION AGENCY	CHIEF ENGINEER (ROADS) CHIEF SUPT. ENG. (DESIGN)	SEN. SUPT. ENG. (DESIGN) SUPT. ENGINEER (DESIGN) PROJECT ENGINEER	SCALES 1 : 200	NAIROBI BYPASS CROSS SECTION	SHEET 43 OF 196
DESCRIPTION	DATE						

CH. 6+500
 PI=1717.458
 G=1713.26

CH. 6+520
 PI=1718.253
 G=1713.82

CH. 6+540
 PI=1719.048
 G=1714.68

CH. 6+560
 PI=1719.843
 G=1715.12

CH. 6+580
 PI=1720.638
 G=1715.60

CH. 6+600
 PI=1721.433
 G=1715.85

CH. 6+620
 PI=1722.228
 G=1716.21

CH. 6+640
 PI=1723.003
 G=1716.50

AERIAL PHOTO BY	SURVEYED BY
MAPPING BY	TRACED BY
LOCATION BY	CHECKED BY

M.O.P.W. ROADS DEPT. DRG. NO.

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL COOPERATION AGENCY	CHIEF ENGINEER (ROADS)
	CHIEF SUPT. ENG. (DESIGN)

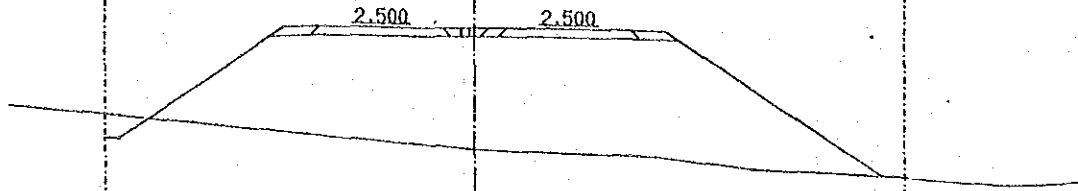
SEN SUPT. ENG. (DESIGN)	
SUPT. ENGINEER (DESIGN)	
PROJECT ENGINEER	

SCALES
1 : 200

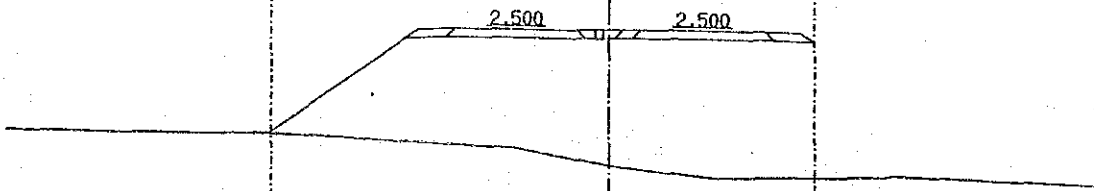
NAIROBI BYPASS
CROSS SECTION

SHEET 44 OF 196

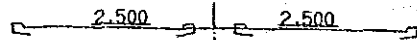
CH. 6+660
 P=1723.638
 G=1716.88



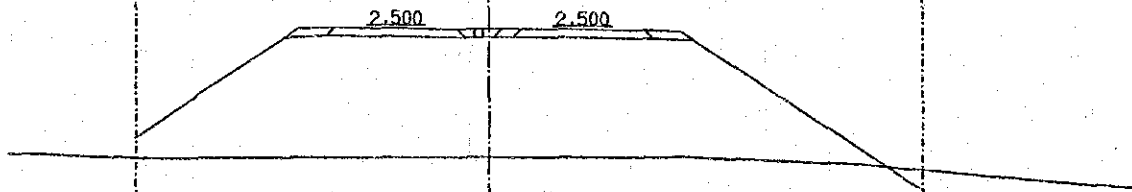
CH. 6+680
 P=1724.114
 G=1716.59



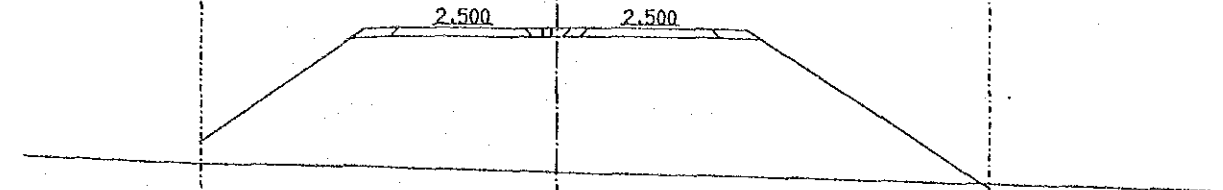
CH. 6+700
 P=1724.431
 G=1716.89



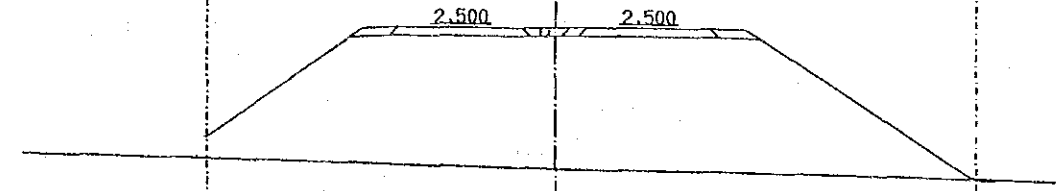
CH. 6+720
 P=1724.588
 G=1717.34



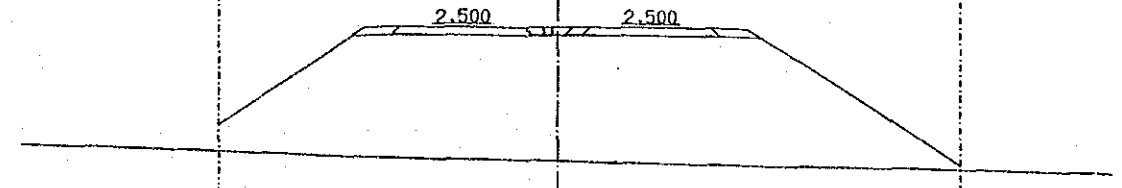
CH. 6+740
 P=1724.585
 G=1716.55



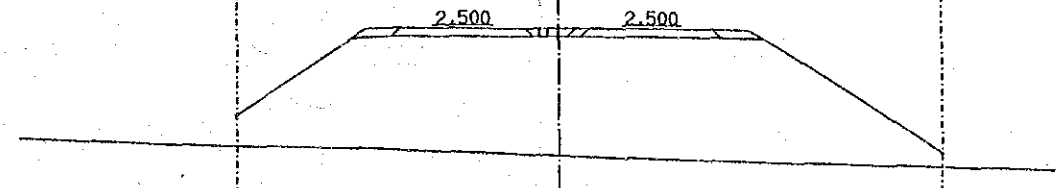
CH. 6+760
 P=1724.423
 G=1716.58



CH. 6+780
 P=1724.102
 G=1716.47



CH. 6+800
 P=1723.621
 G=1716.41



SURVEYED BY	BY
TRACED BY	BY
CHECKED BY	BY
AERIAL PHOTO BY	BY
MAPPING BY	BY
LOCATION BY	BY

M.O.P.W. ROADS DEPT. DRG. NO.

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL
 COOPERATION AGENCY

CHIEF ENGINEER (ROADS)
 CHIEF SUPT. ENG. (DESIGN)

SEN. SUPT. ENG. (DESIGN)
 SUPT. ENGINEER (DESIGN)
 PROJECT ENGINEER

SCALES
 1 : 200

NAIROBI BYPASS
 CROSS SECTION

SHEET 45 OF 196