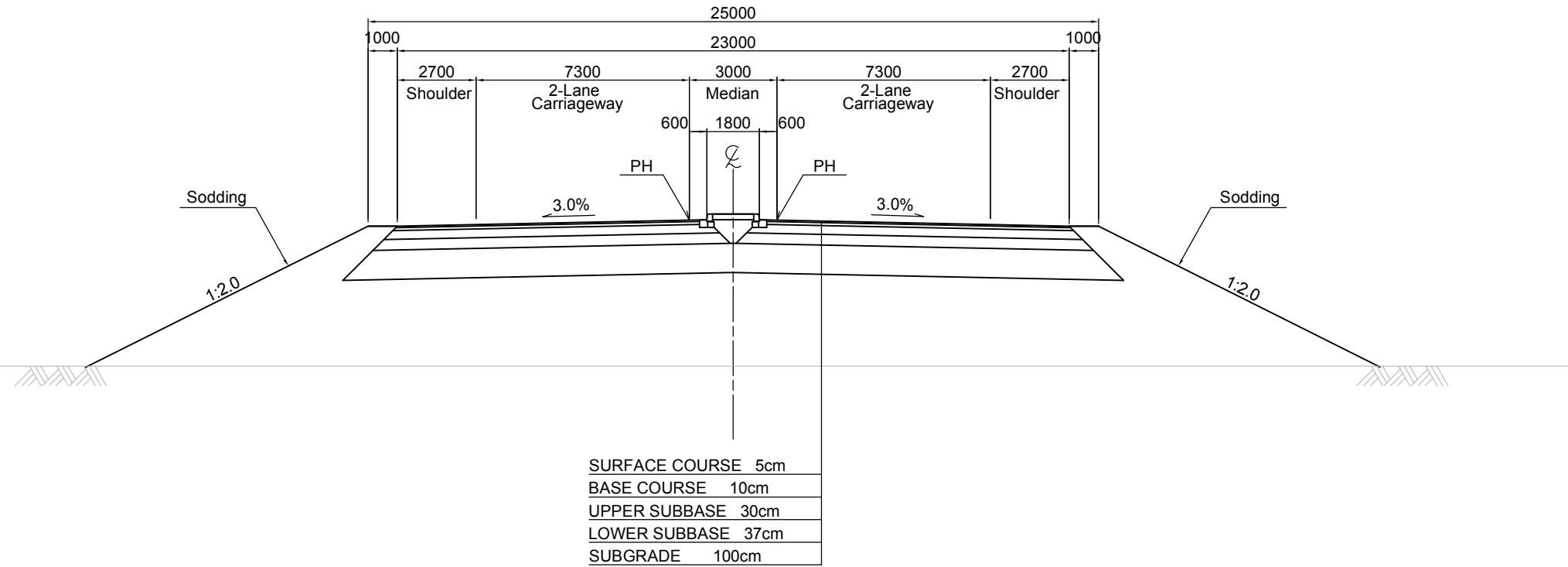


## **D. Package C**

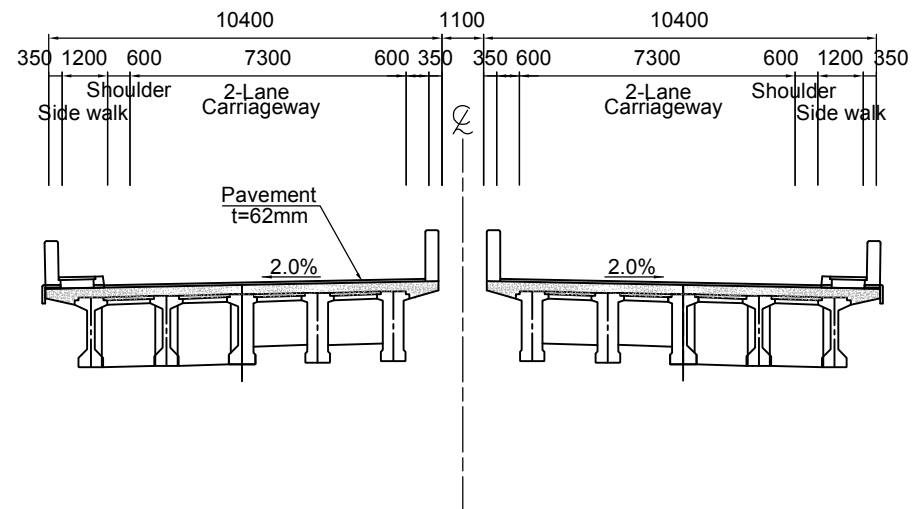
# TYPICAL CROSS SECTION

Scale 1:200

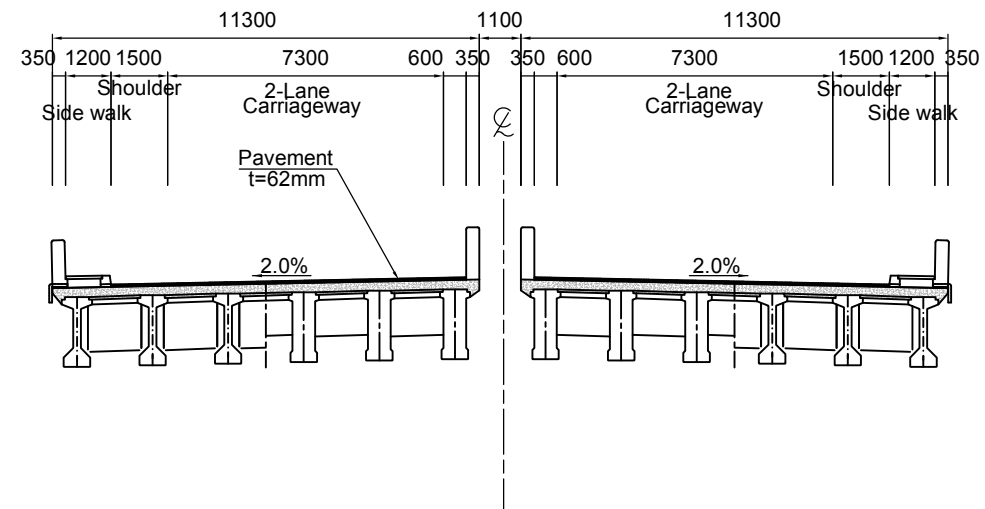
## Embankment Section



## Bridge Section (SANGU, MATHAMUHURI)



## Bridge Section (PATIYA, MAZAR POINT)



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
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JAPAN INTERNATIONAL COOPERATION AGENCY



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PADECO CO., LTD



No	REVISION	DATE
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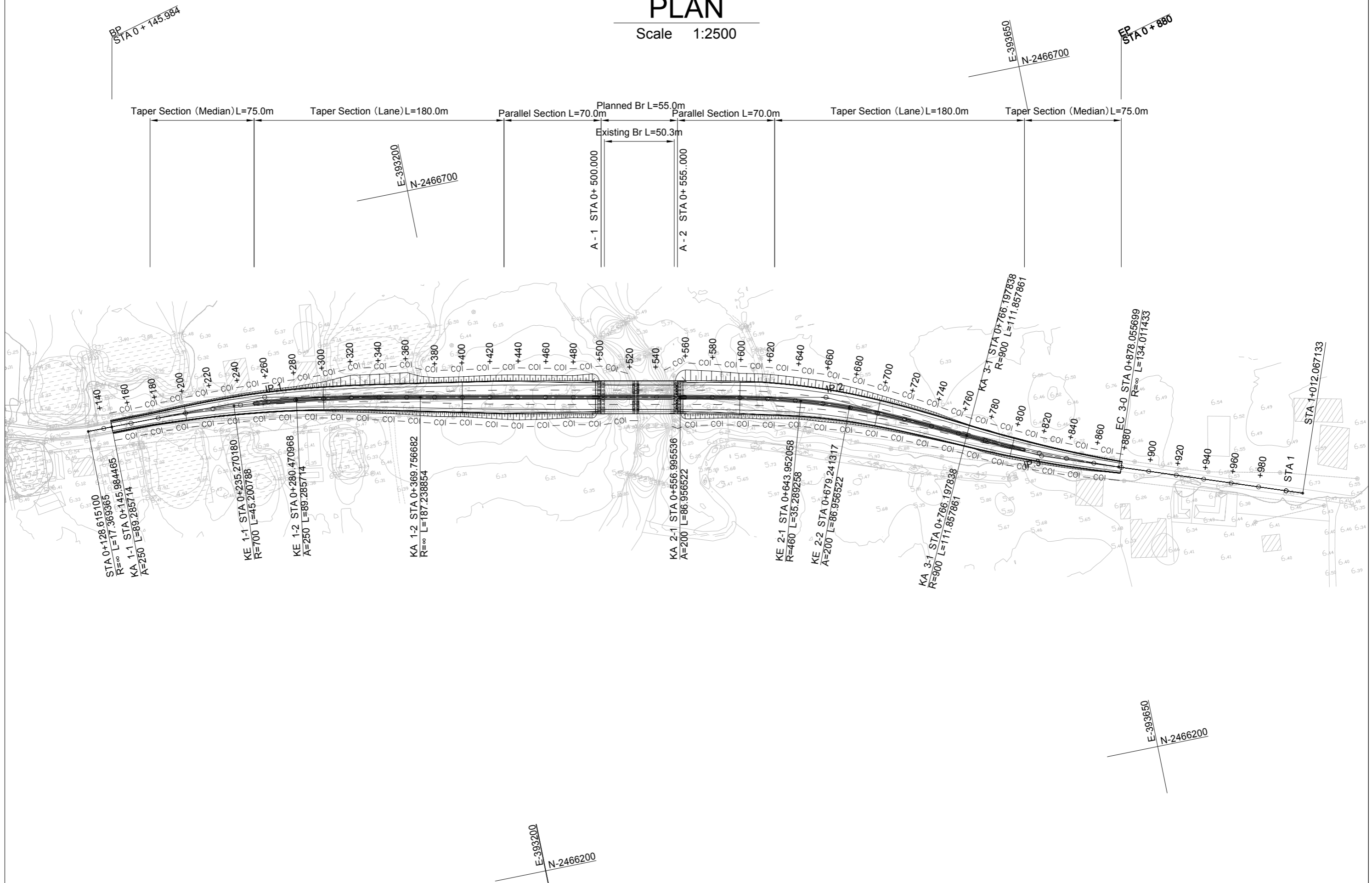
PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

Typical Cross Section  
Package C

DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DWG. NO.	C/TC-01

# PLAN

Scale 1:2500



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
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PADECO CO.,LTD



No	REVISION	DATE

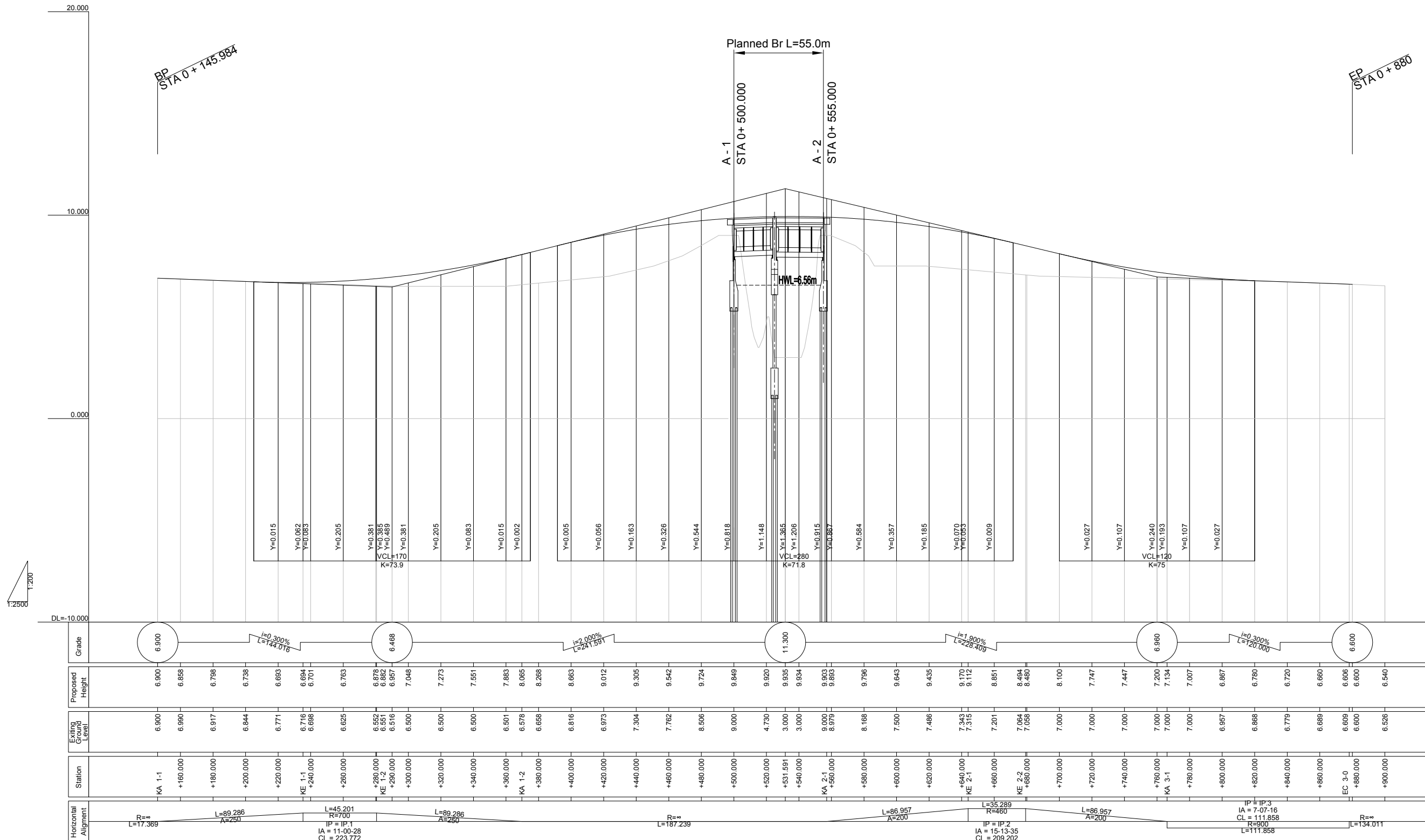
PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

PLAN  
PATIYA BRIDGE (C8;N-1\_257a)

DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DWG. NO.	C8/PL-01

# PROFILE

Scale H 1:2500  
V 1:200



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
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No REVISION DATE

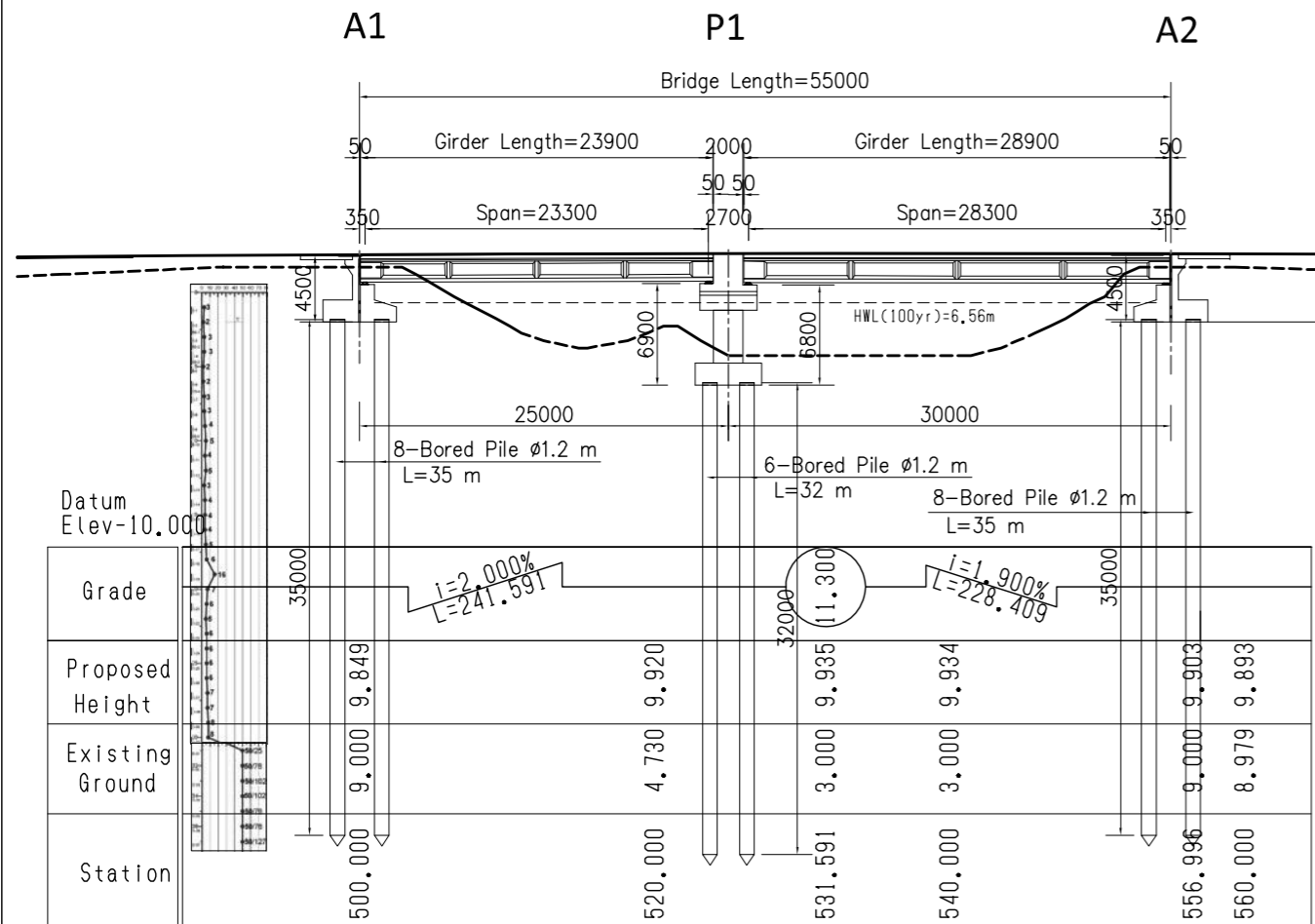
PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

PROFILE  
PATIYA BRIDGE (C8;N-1\_257a)

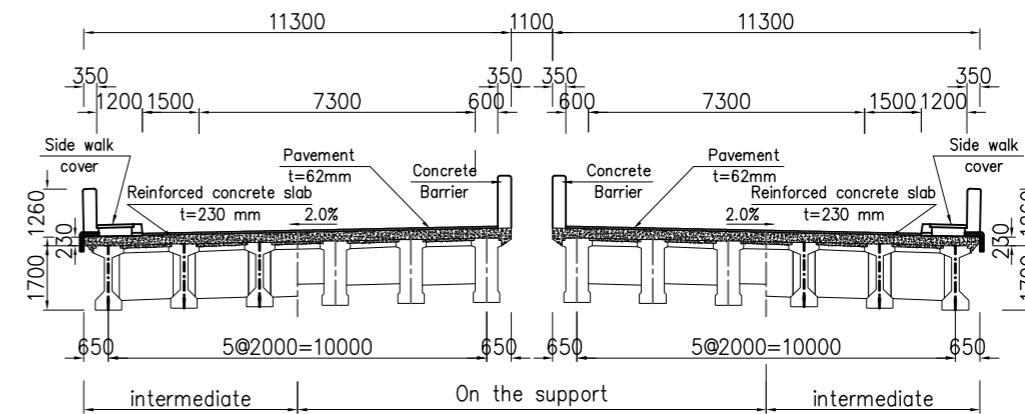
DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DWG. NO.	C8/PR-01



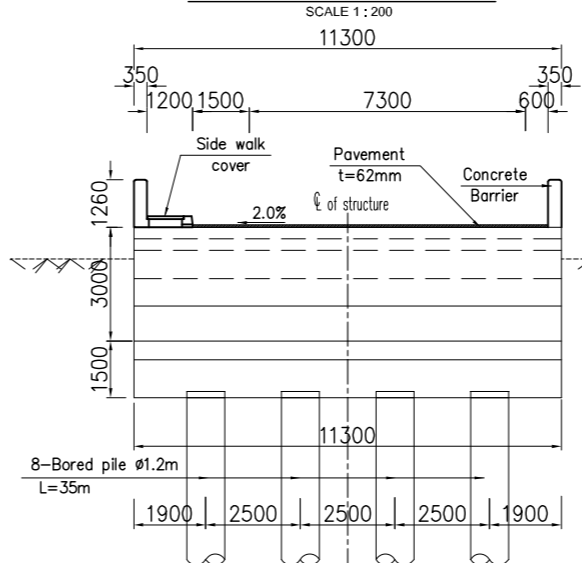
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SCALE 1 : 500



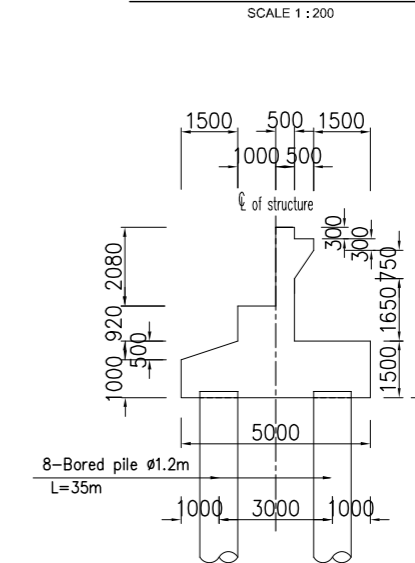
**CROSS SECTION**  
SCALE 1 : 200



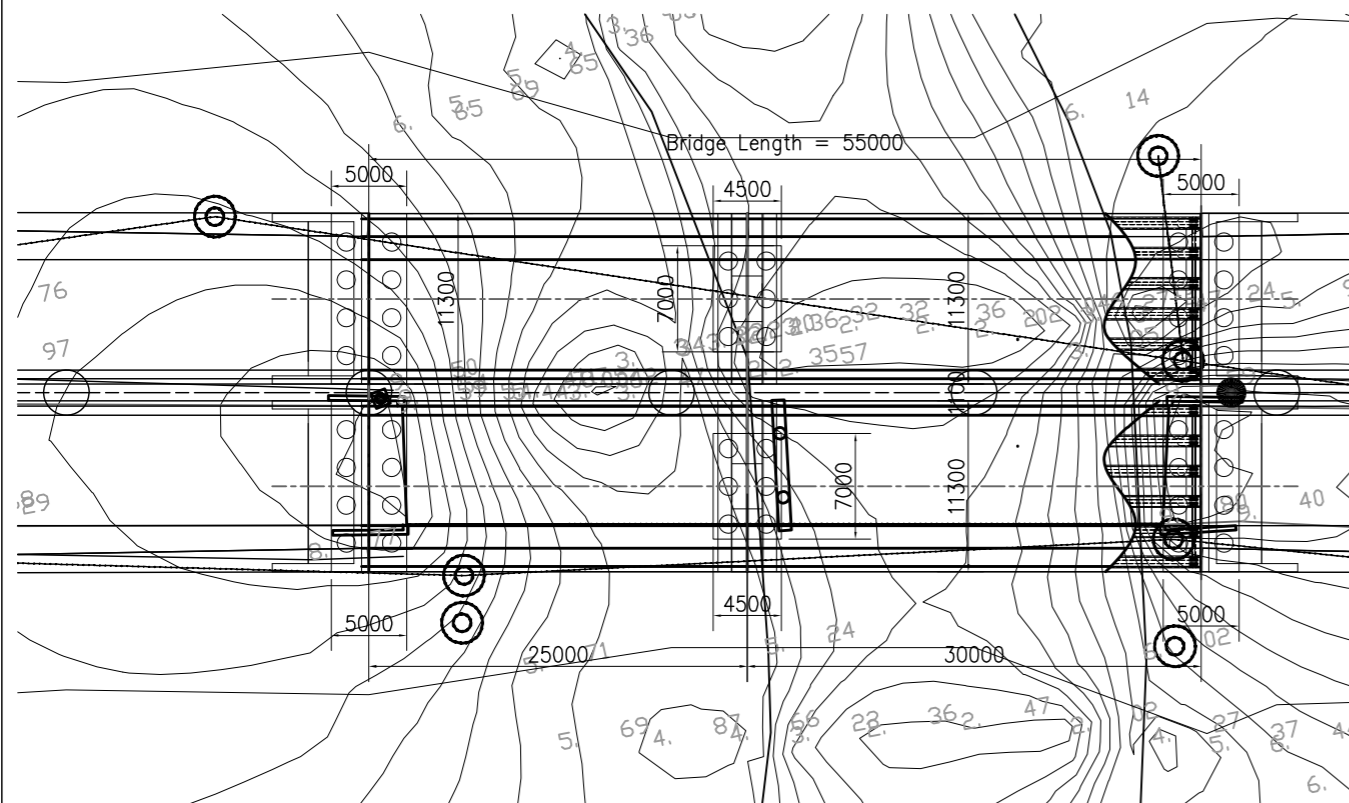
**FRONT VIEW OF ABUTMENT**  
SCALE 1 : 200



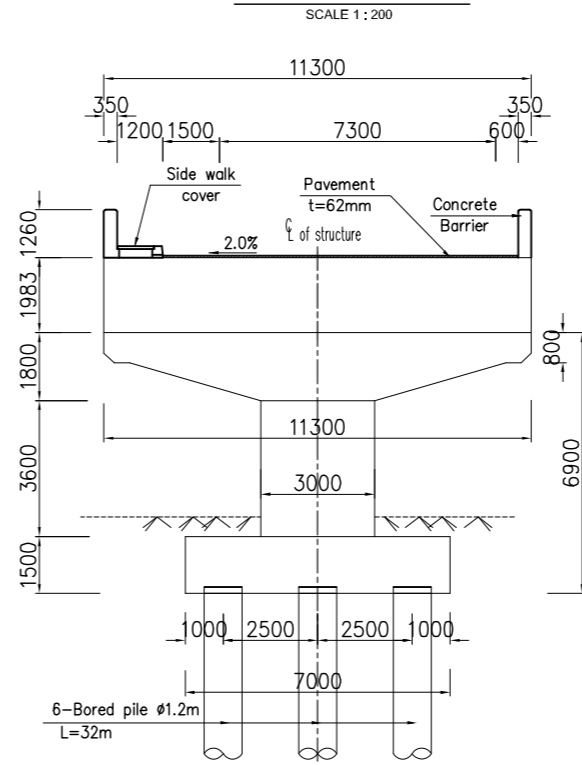
**SIDE VIEW OF ABUTMENT**  
SCALE 1 : 200



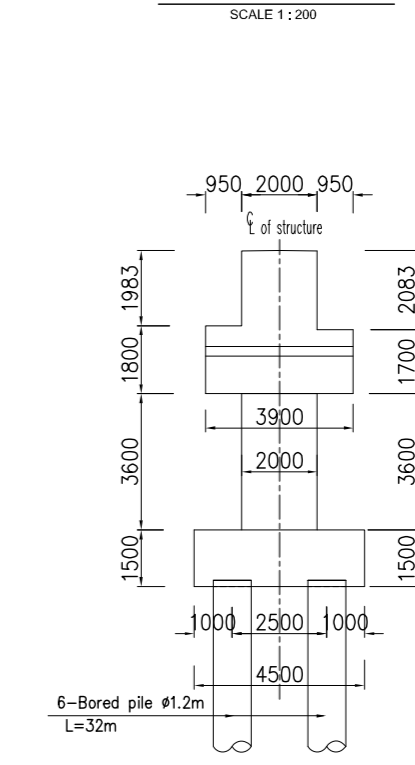
**PLAN**  
SCALE 1 : 500



**FRONT VIEW OF PIER**  
SCALE 1 : 200

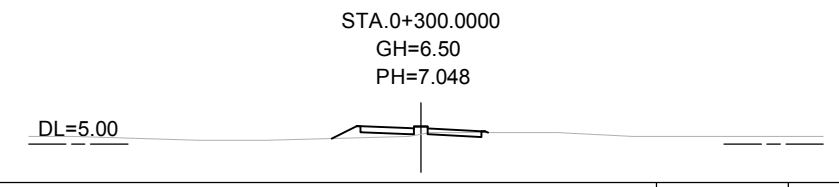
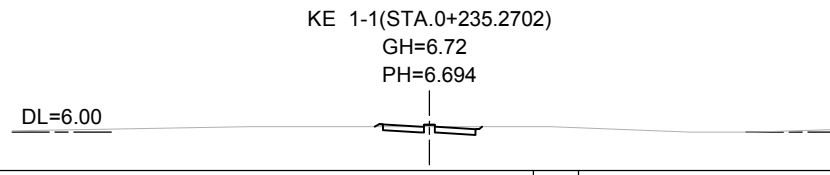
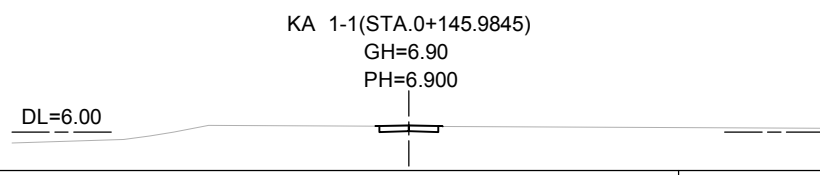
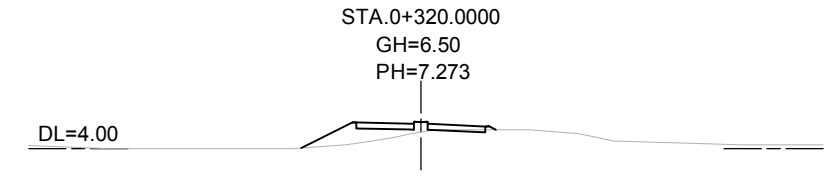
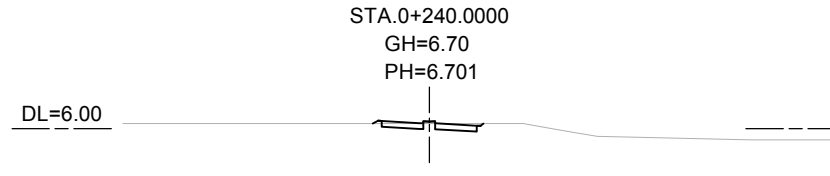
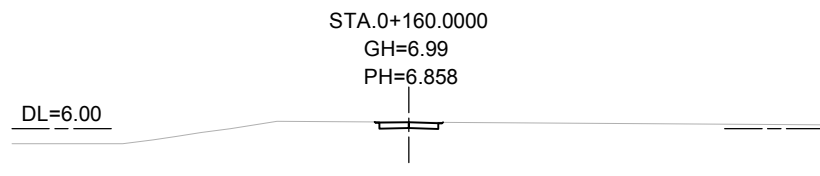
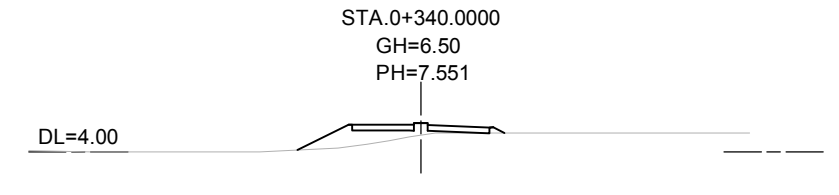
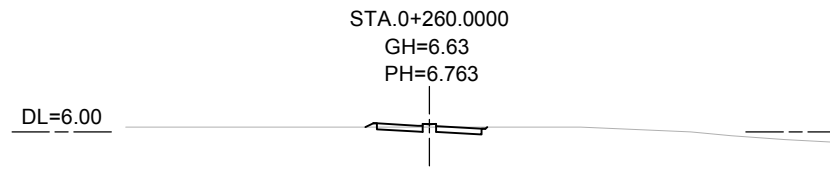
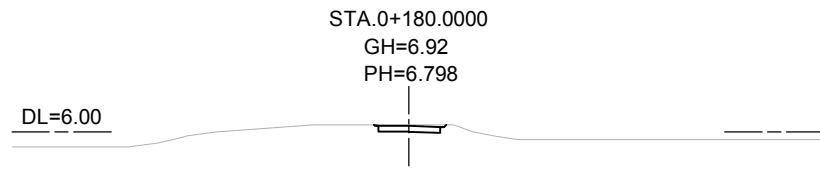
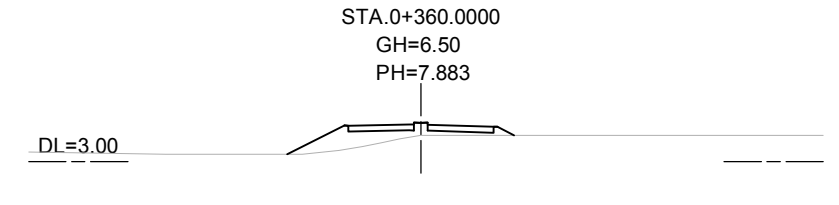
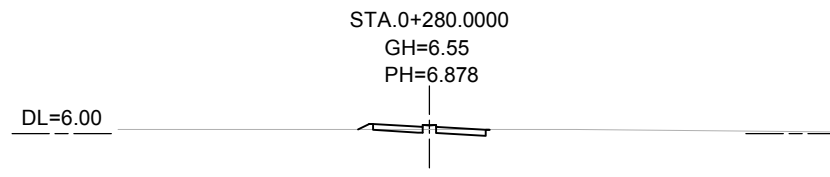
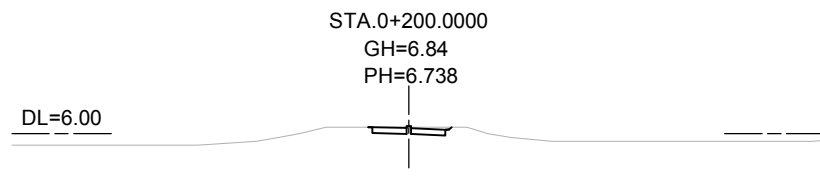
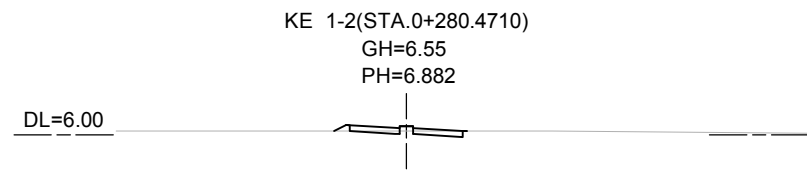
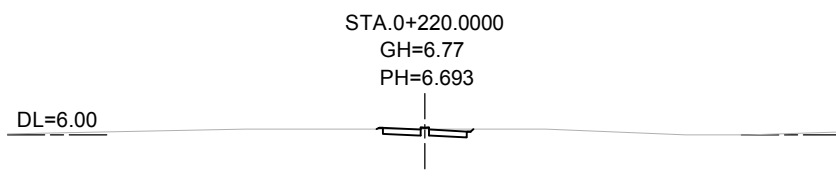


**SIDE VIEW OF PIER**  
SCALE 1 : 200



# CROSS SECTION ( 1 )

Scale 1:1000



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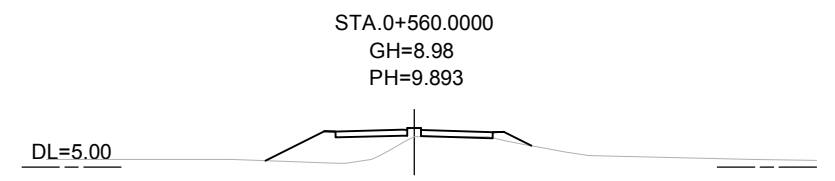
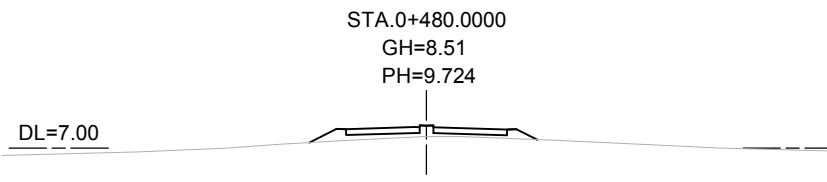
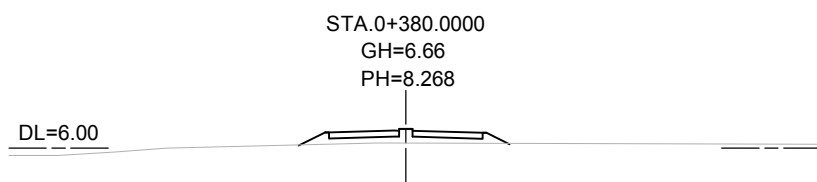
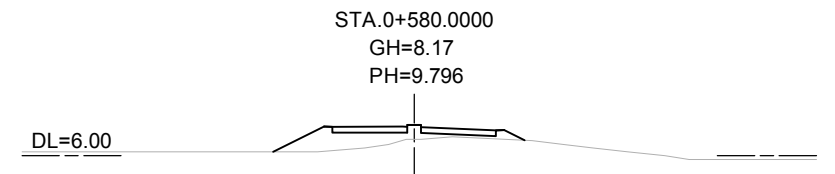
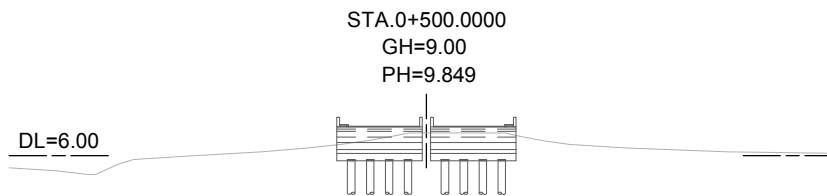
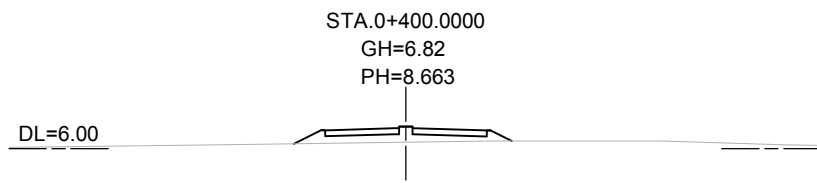
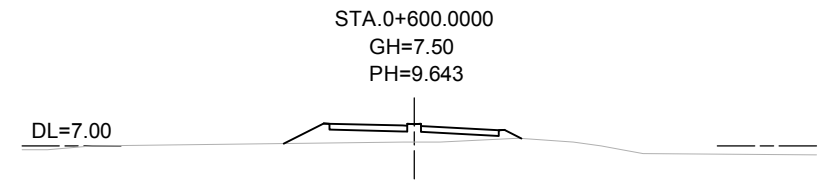
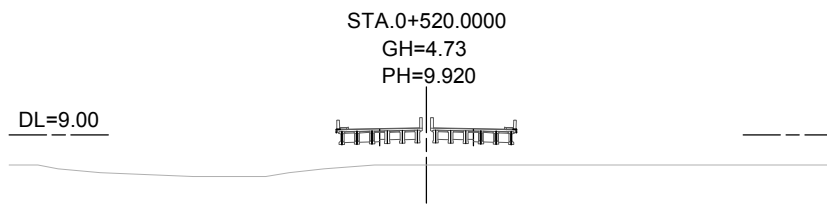
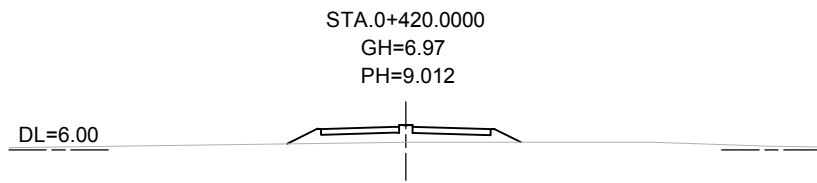
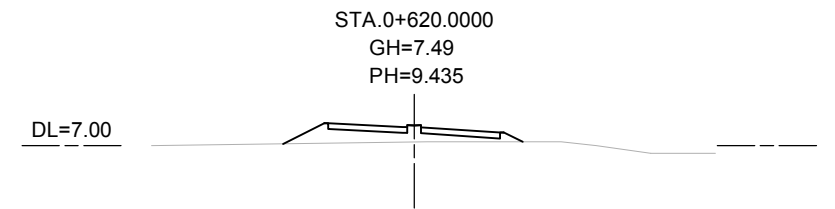
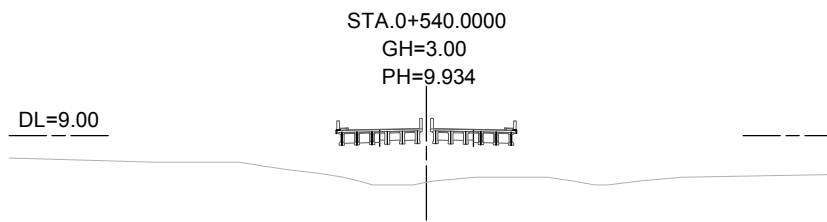
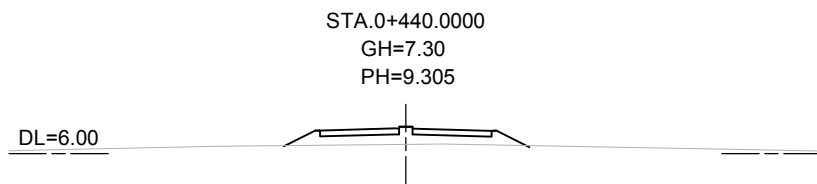
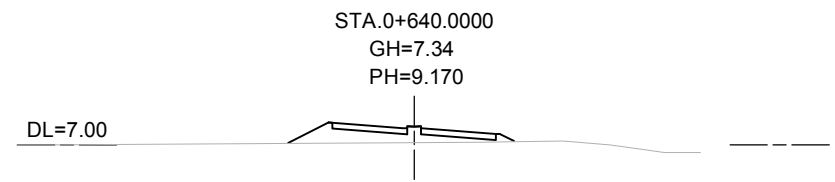
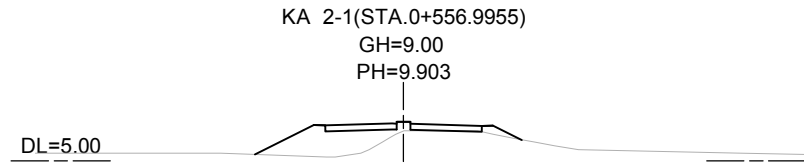
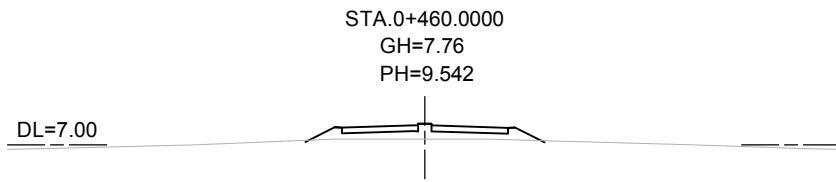
PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

Cross Section( 1 )  
PATIYA BRIDGE (C8;N-1\_257a)

DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DWG. NO.	C8/CS-01

# CROSS SECTION ( 2 )

Scale 1:1000



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT(RHD)

JAPAN INTERNATIONAL COOPERATION AGENCY



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No	REVISION	DATE

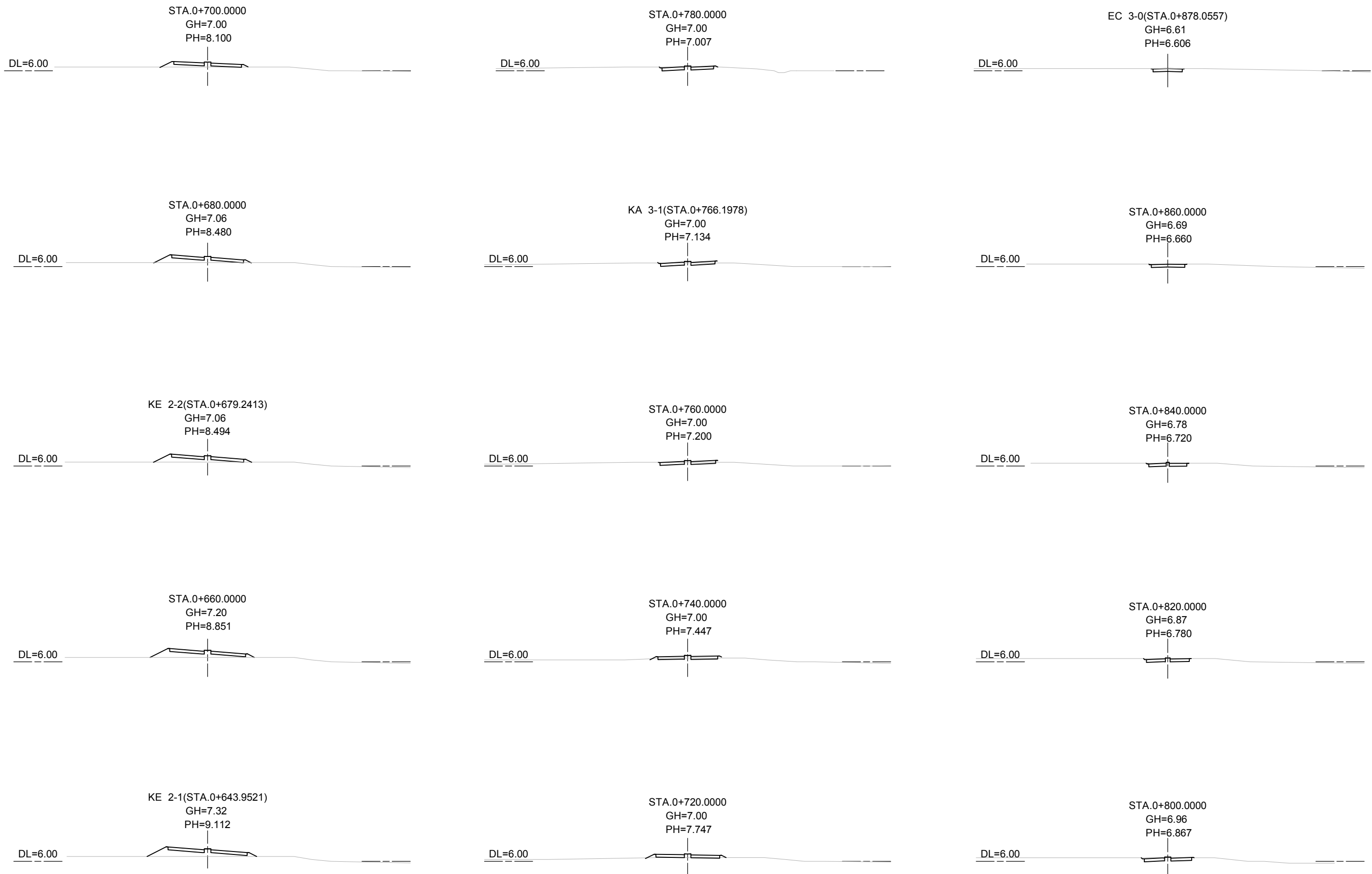
PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

Cross Section( 2 )  
PATIYA BRIDGE (C8;N-1\_257a)

DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DWG. NO.	C8/CS-02

# CROSS SECTION ( 3 )

Scale 1:1000



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT(RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
PADECO CO.,LTD



No	REVISION	DATE

PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

Cross Section( 3 )  
PATIYA BRIDGE (C8;N-1\_257a)

DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DWG. NO.	C8/CS-03

# CROSS SECTION ( 4 )

Scale 1:1000

DL=6.00

EP(STA.0+880.0000)  
GH=6.60  
PH=6.600



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
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JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
PADECO CO.,LTD



No	REVISION	DATE

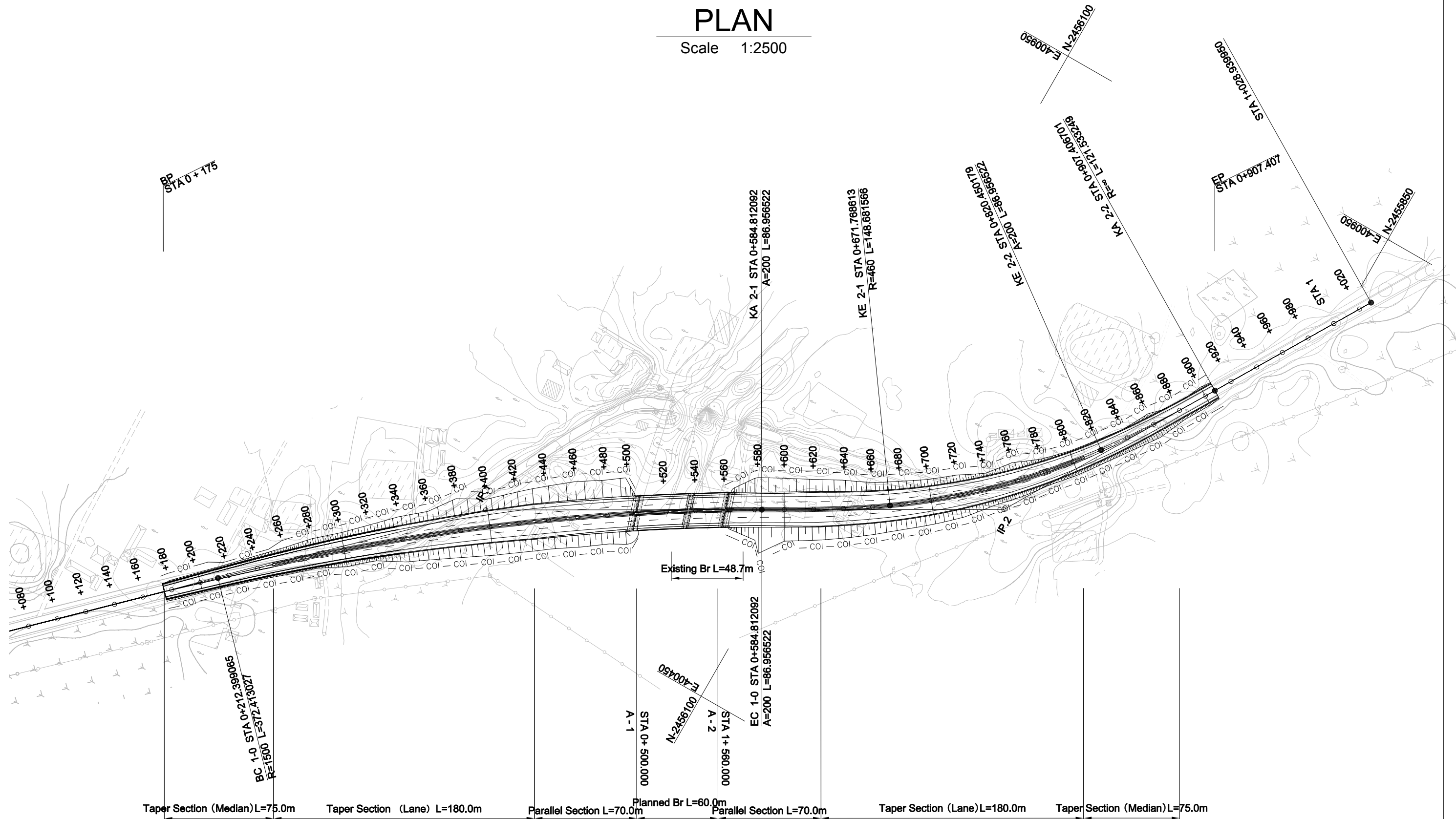
PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

Cross Section( 4 )  
PATIYA BRIDGE (C8;N-1\_257a)

DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DWG. NO.	C8/CS-04

# PLAN

Scale 1:2500



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT (RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



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PADECO CO., LTD



No	REVISION	DATE
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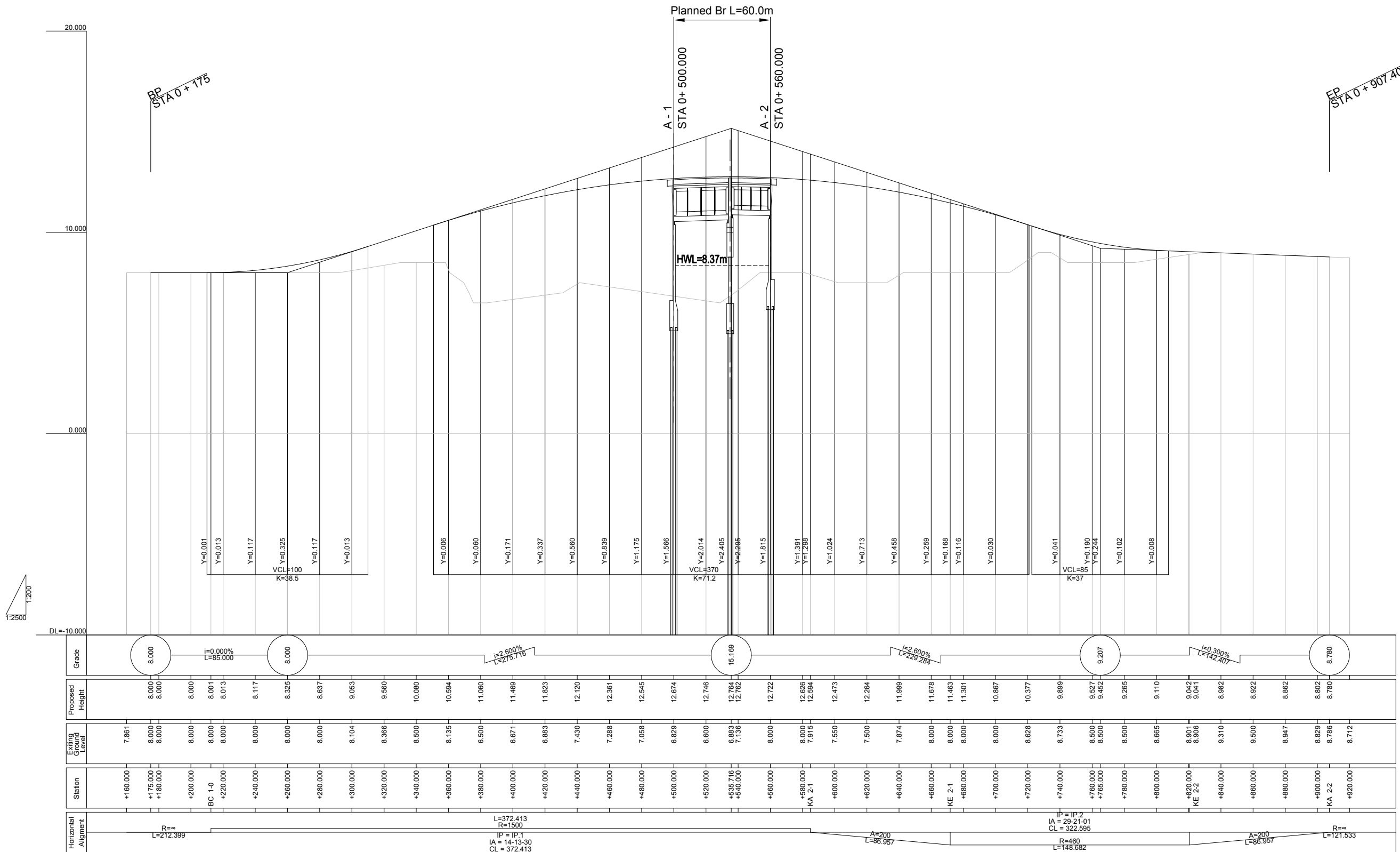
PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

PLAN  
MAZAR POINT BRIDGE (C12;N-1\_272a)

DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DWG. NO.	C12/PL-01

# PROFILE

Scale H 1:2500  
V 1:200



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
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ROADS & HIGHWAYS DEPARTMENT(RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



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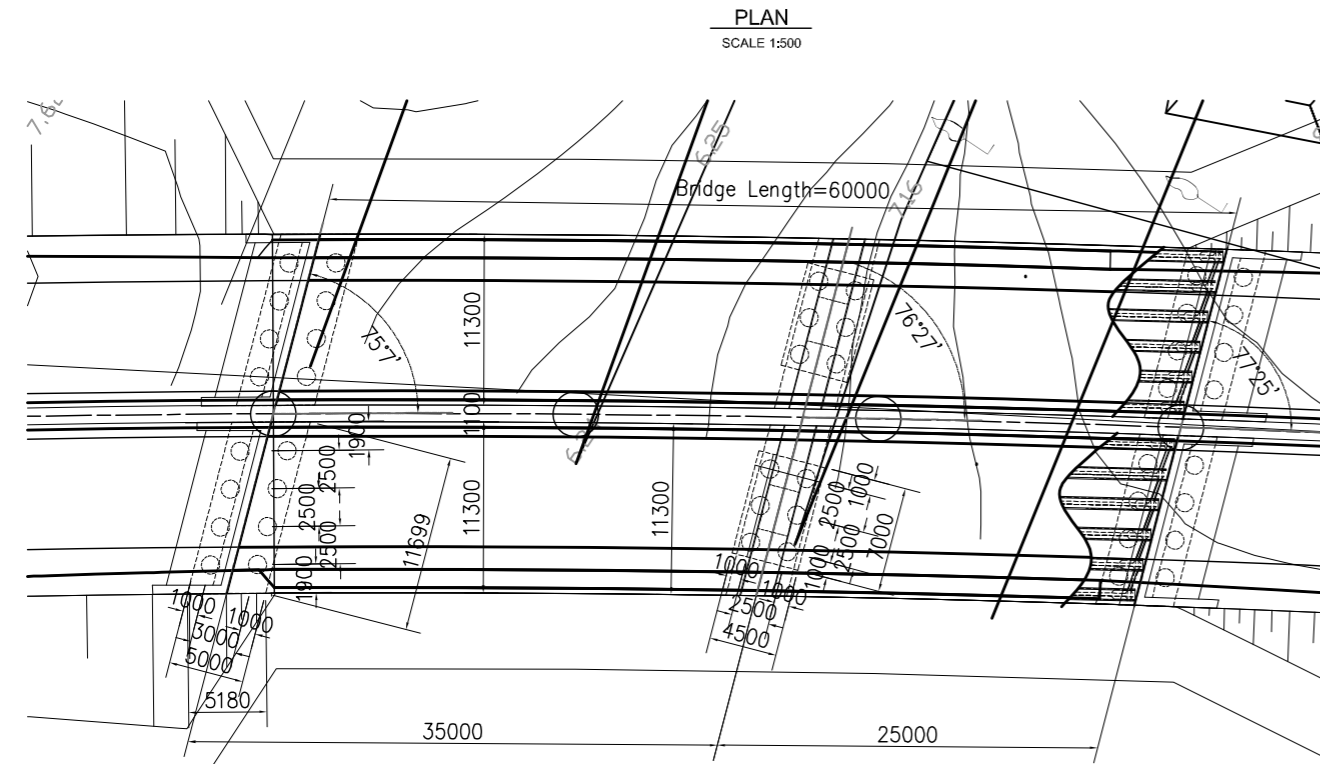
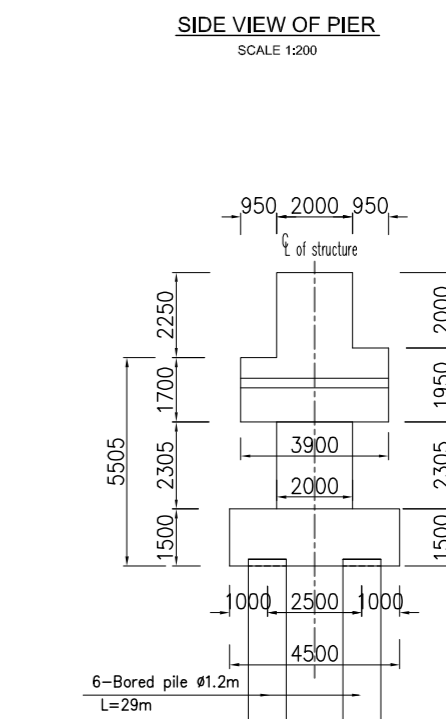
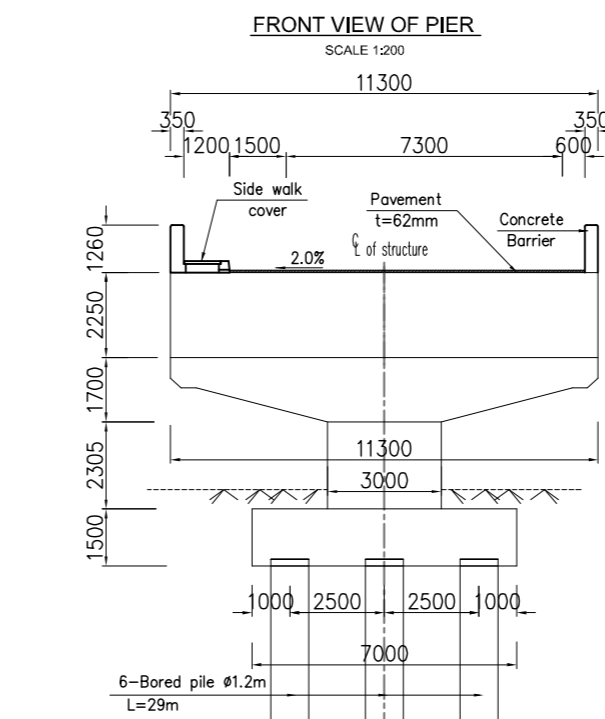
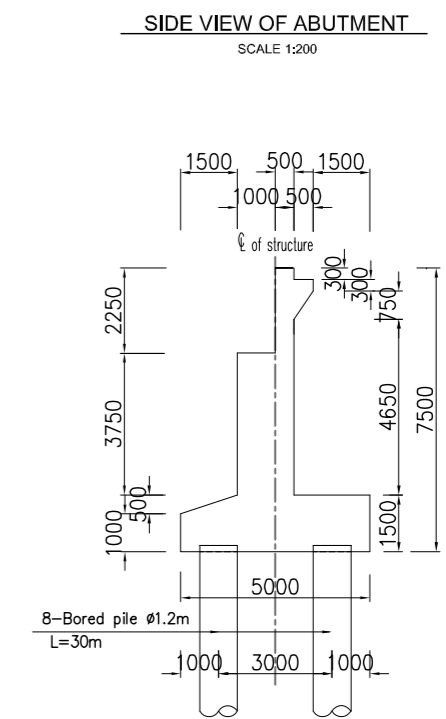
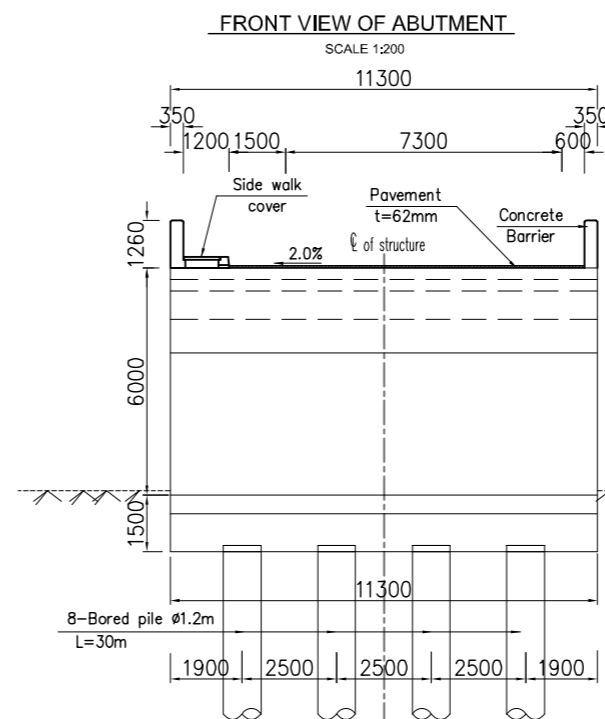
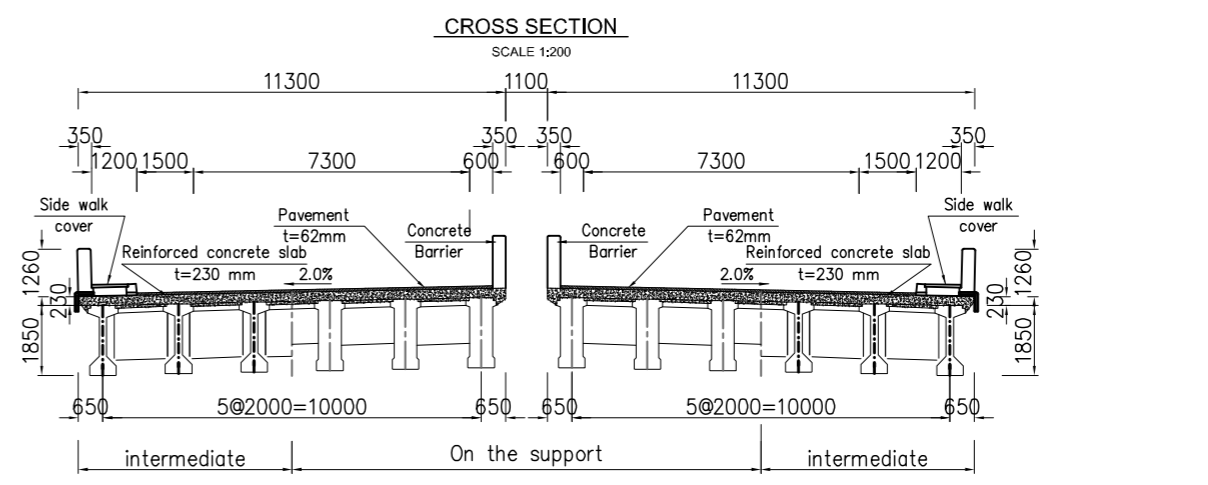
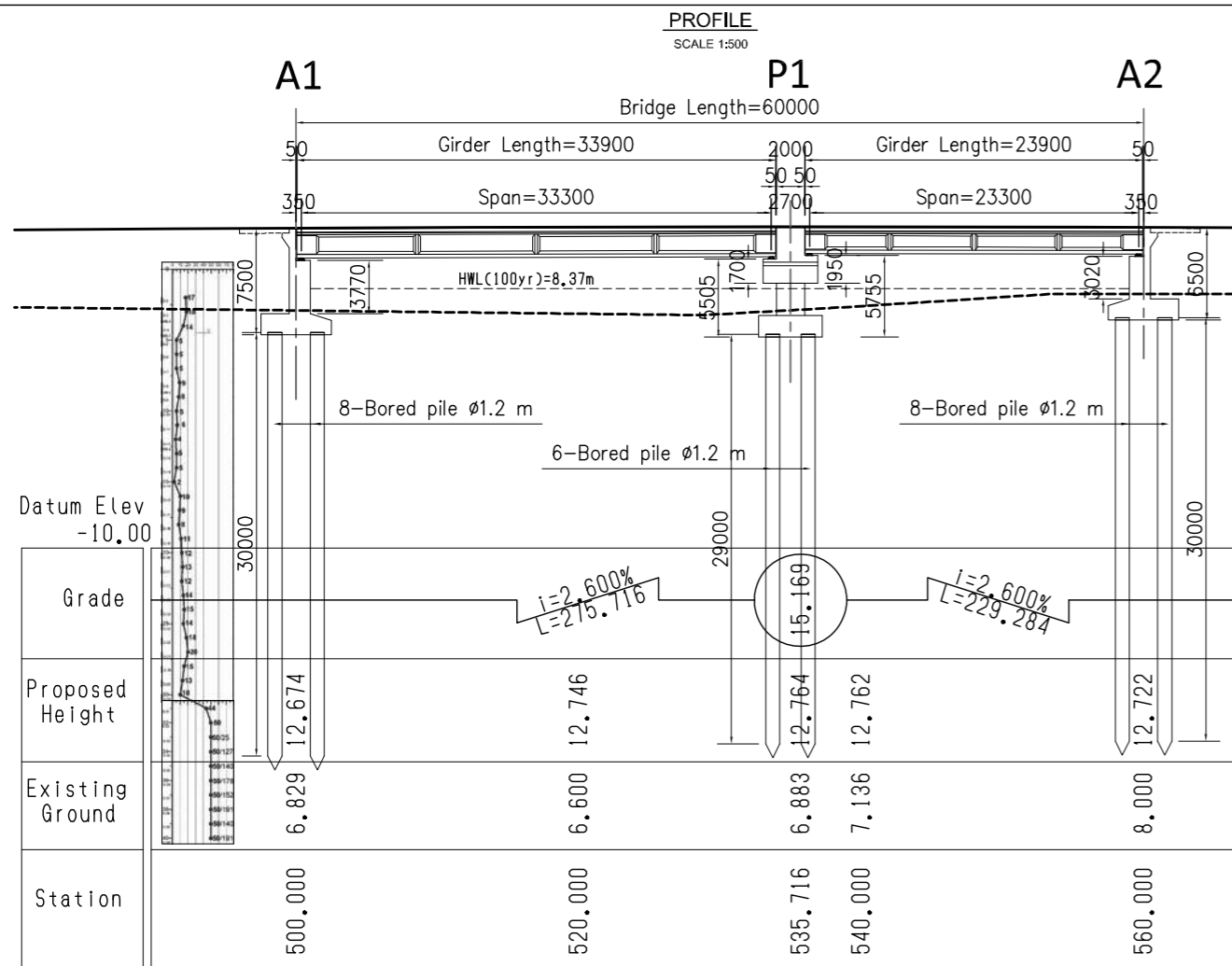


No REVISION DATE

PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

PROFILE  
MAZAR POINT BRIDGE (C12;N-1\_272a)

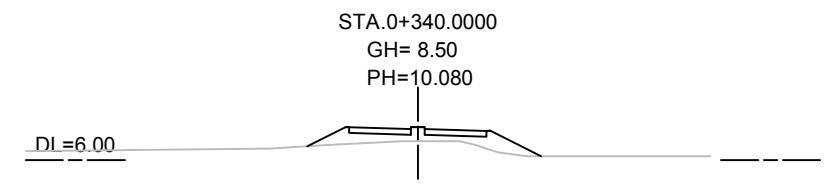
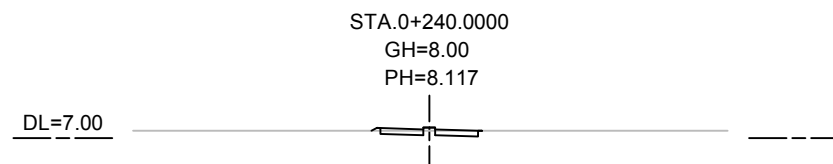
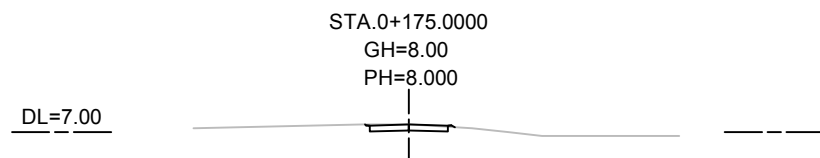
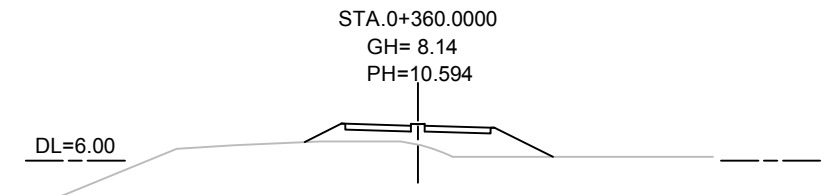
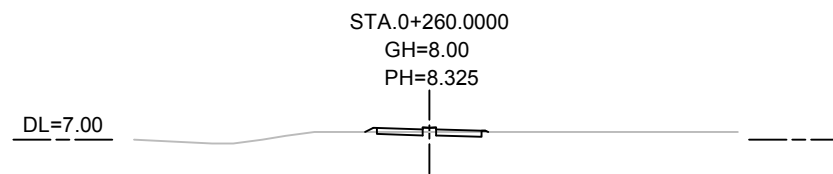
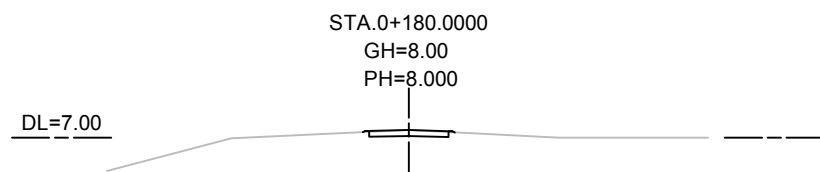
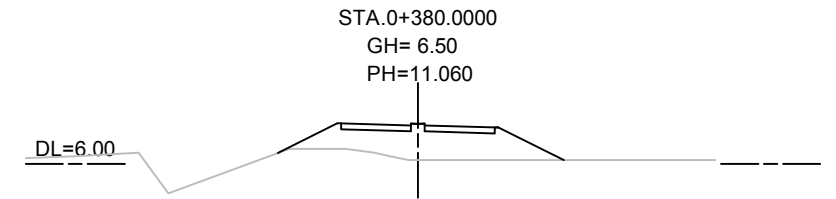
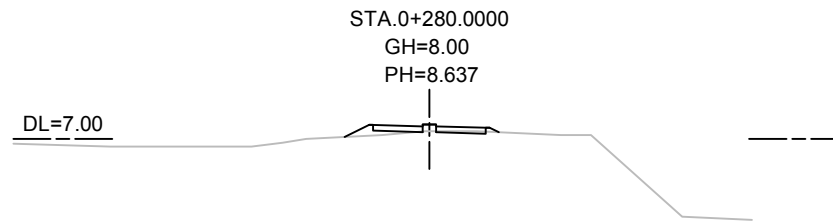
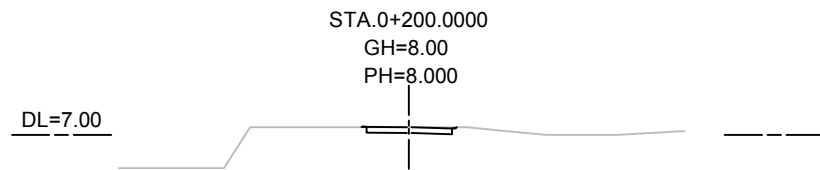
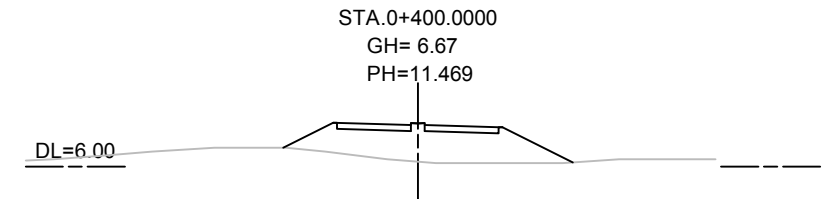
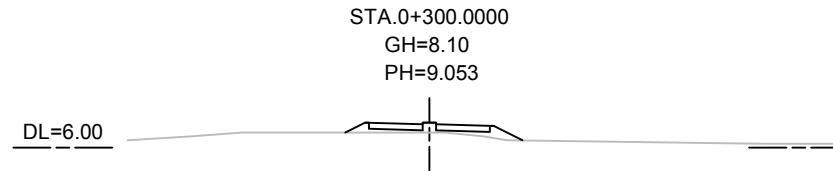
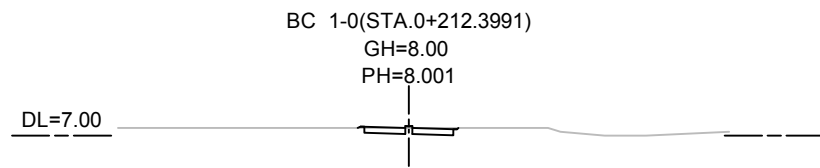
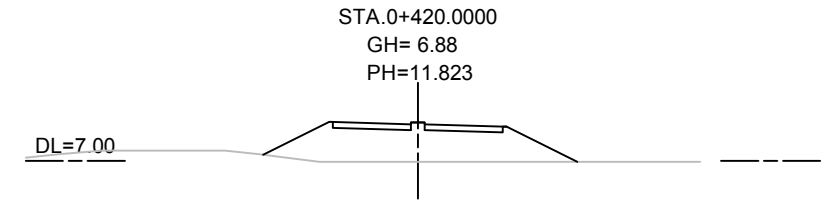
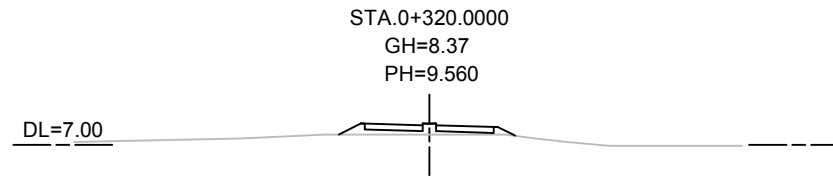
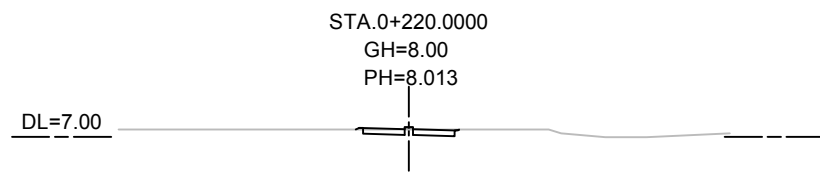
DESIGNED BY:  
CHECKED BY:  
APPROVED BY:  
DWG. NO. C12/PR-01





# CROSS SECTION ( 1 )

Scale 1:1000



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT(RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



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No	REVISION	DATE

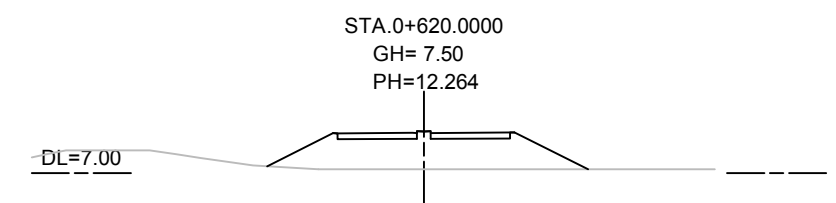
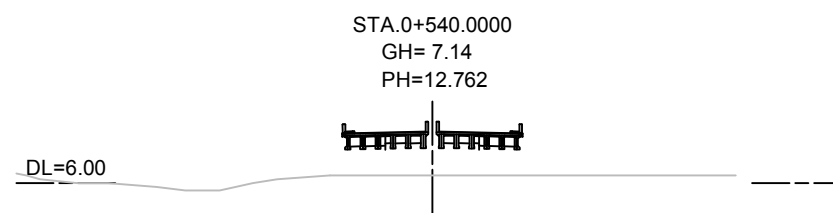
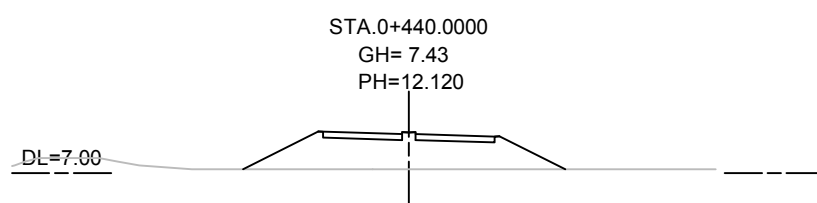
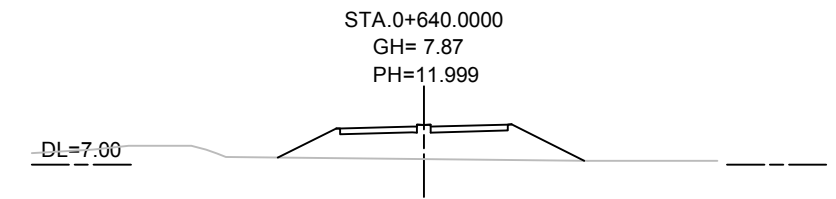
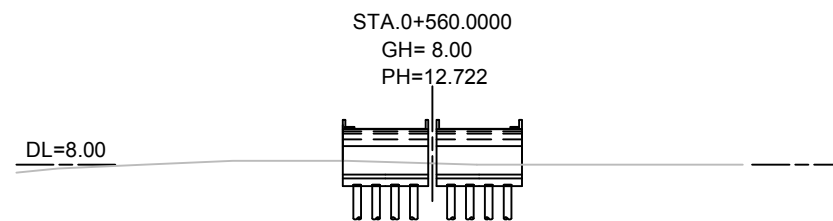
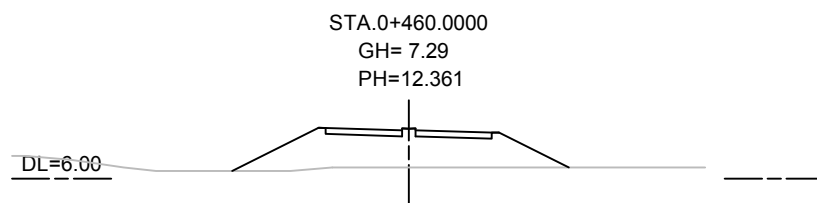
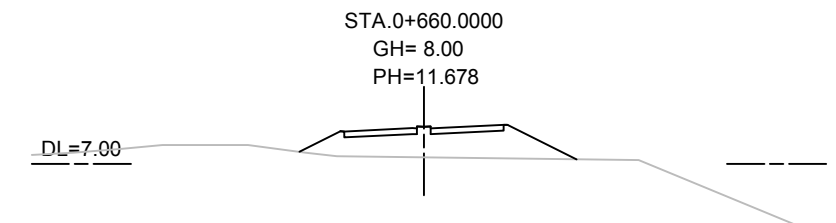
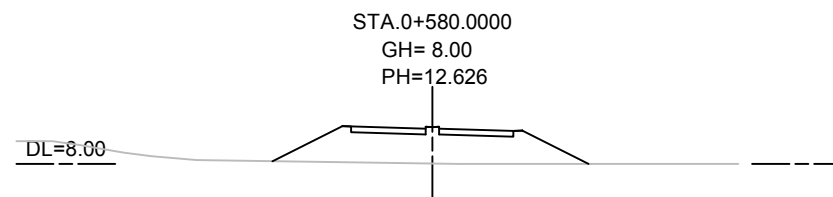
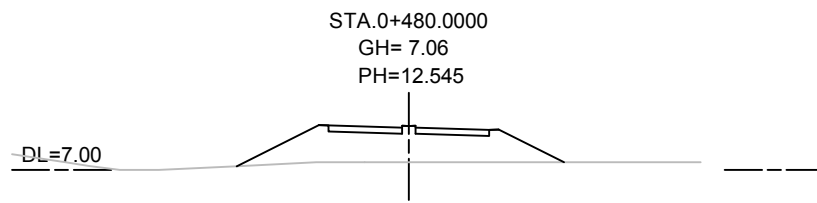
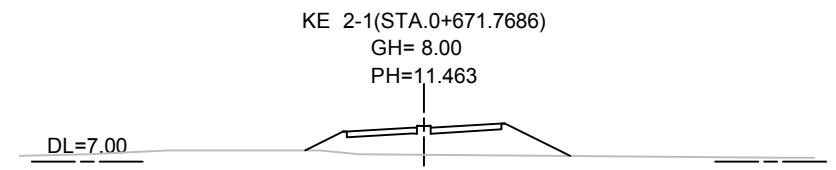
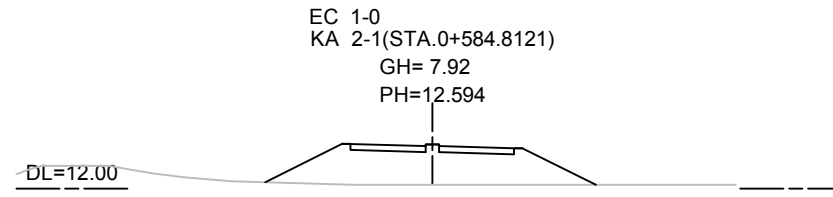
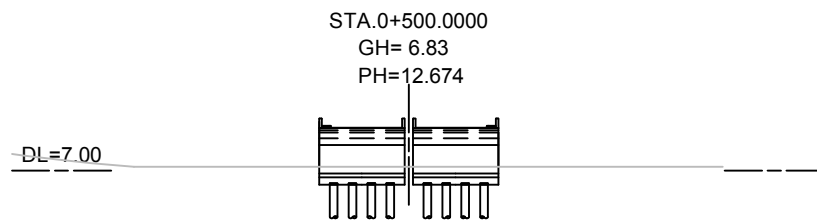
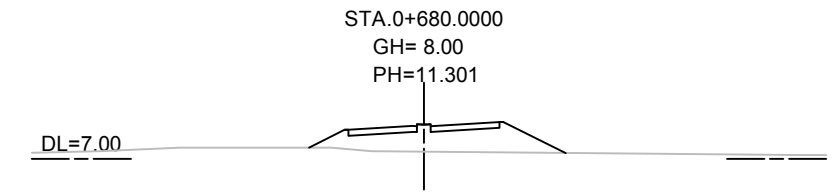
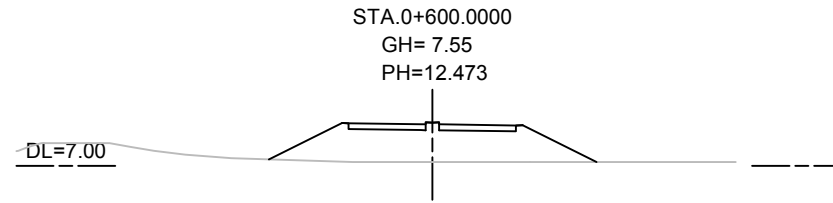
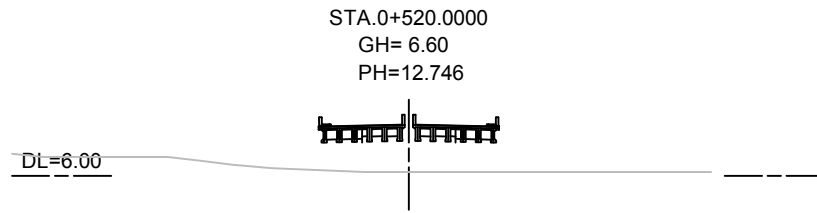
PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

Cross Section( 1 )  
MAZAR POINT BRIDGE (C12;N-1\_272a)

DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DWG. NO.	C12/CS-01

# CROSS SECTION ( 2 )

Scale 1:1000



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT(RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
PADECO CO.,LTD



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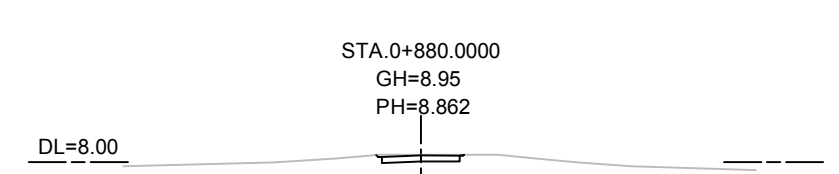
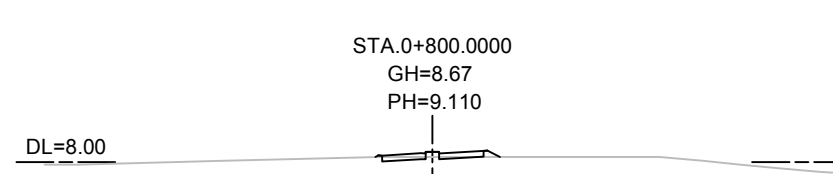
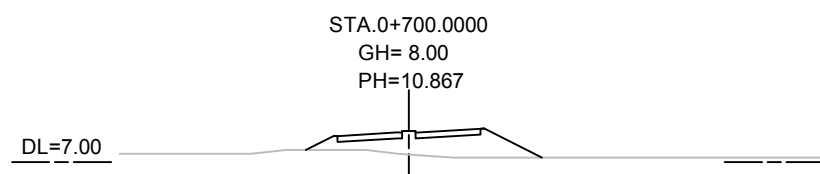
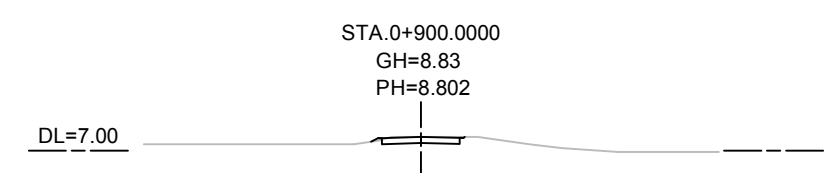
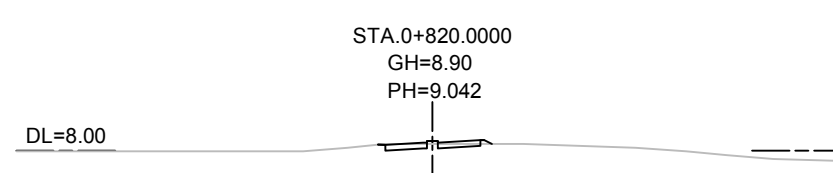
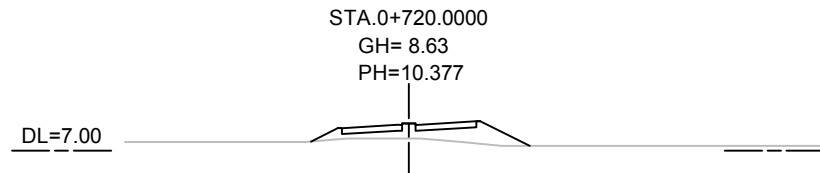
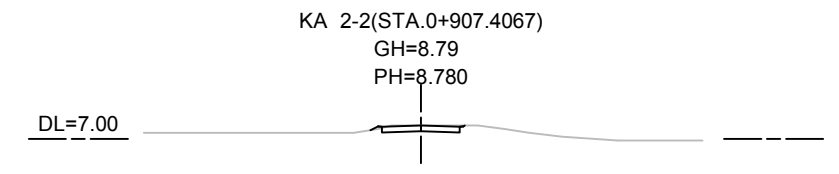
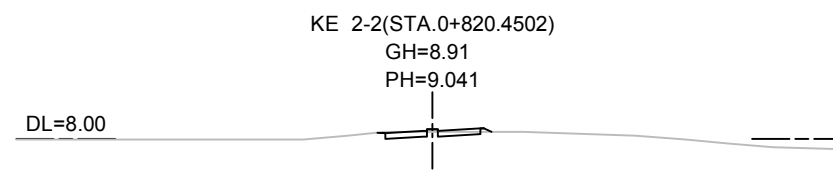
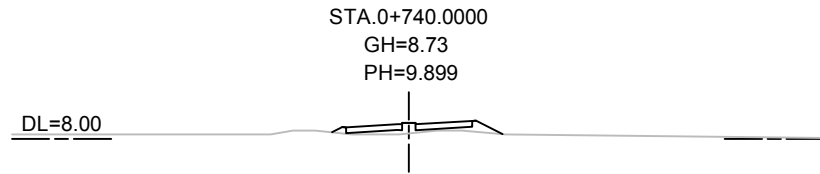
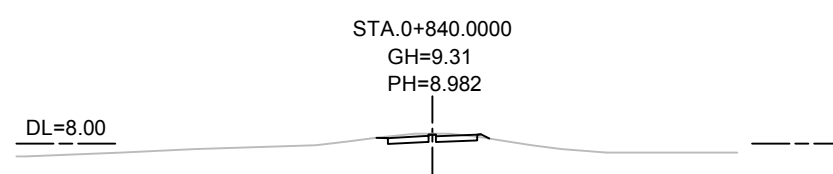
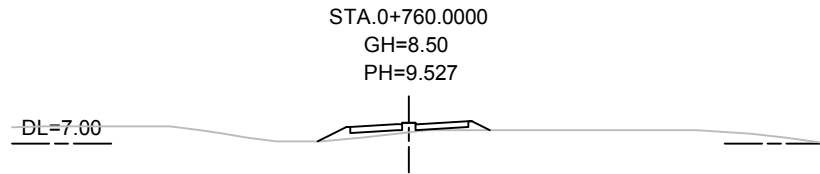
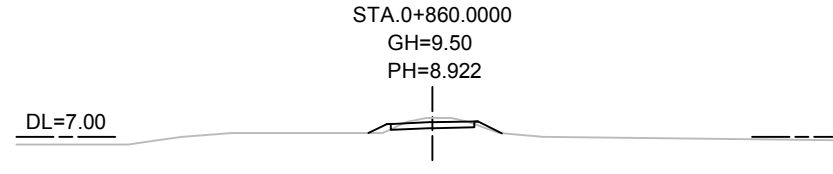
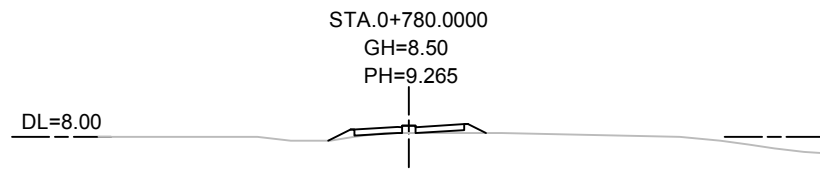
PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

Cross Section( 2 )  
MAZAR POINT BRIDGE (C12;N-1\_272a)

DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DWG. NO.	C12/CS-02

# CROSS SECTION ( 3 )

Scale 1:1000



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT(RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
PADECO CO.,LTD



No

REVISION

DATE

PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

Cross Section( 3 )  
MAZAR POINT BRIDGE (C12;N-1\_272a)

DESIGNED BY:

CHECKED BY:

APPROVED BY:

DWG. NO.

C12/CS-03

# PLAN ( 1 )

Scale 1:2500

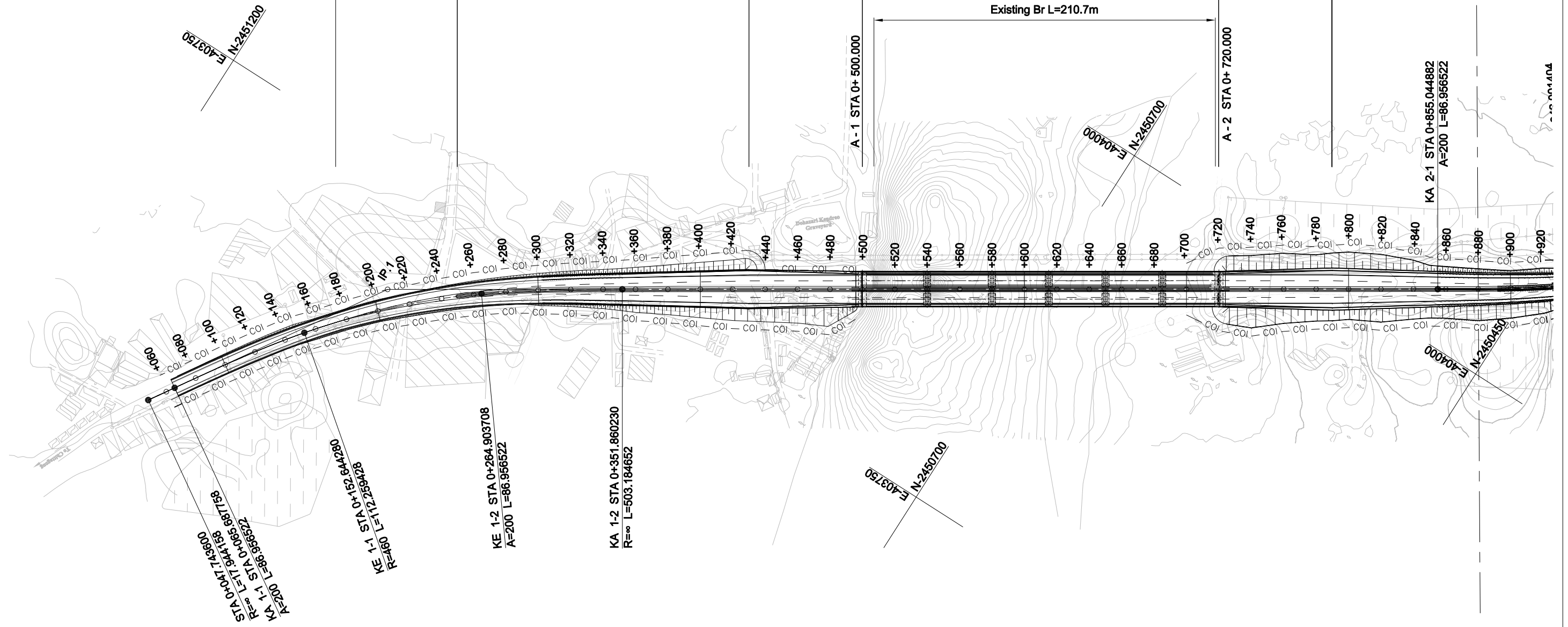
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N-2451200

BP  
STA 0+ 65.688

E-403750  
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STA 0+ 880  
M.L

Taper Section (Median) L=75.0m    Taper Section (Lane) L=180.0m    Parallel Section L=70.0m    Planed Br L=220.0m  
Existing Br L=210.7m    Parallel Section L=70.0m    Taper Section (Lane) L=180.0m



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
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JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
PADECO CO., LTD



No	REVISION	DATE
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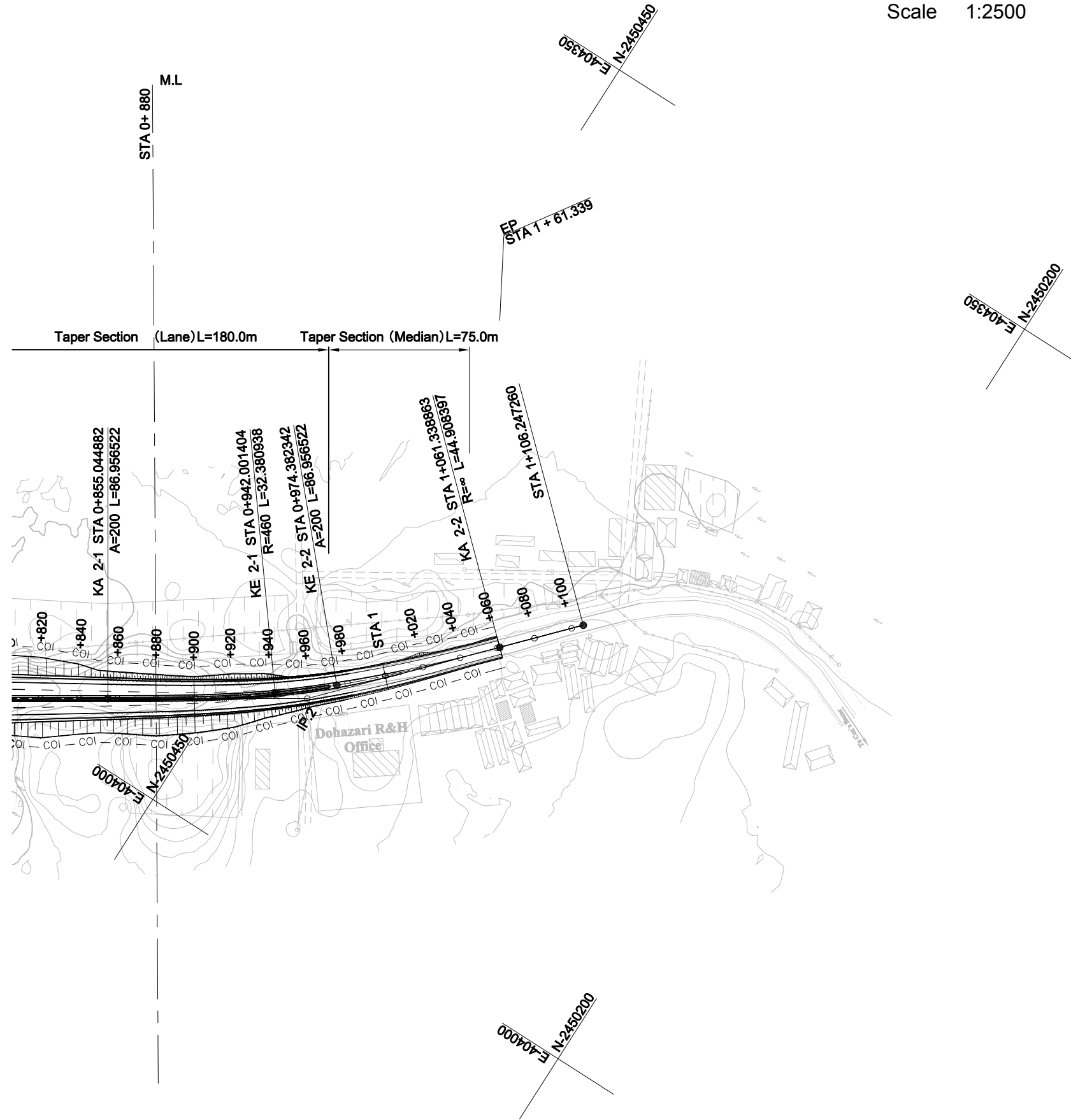
PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

PLAN ( 1 )  
SANGU BRIDGE (C13;N-1\_279a)

DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DWG. NO.	C13/PL-01

# PLAN ( 2 )

Scale 1:2500



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT(RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



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DATE

PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

PLAN ( 2 )  
SANGU BRIDGE (C13;N-1\_279a)

DESIGNED BY:

CHECKED BY:

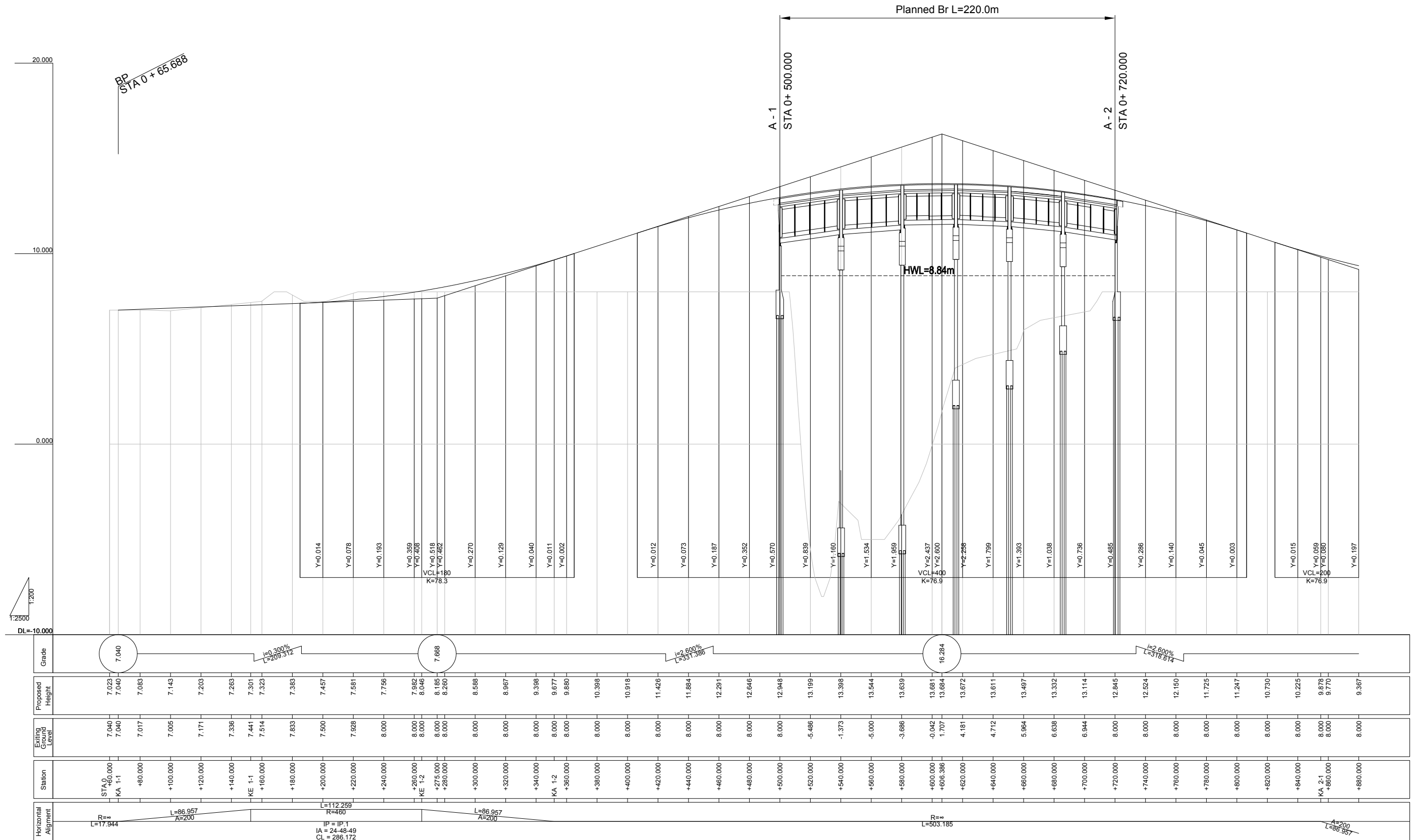
APPROVED BY:

DWG. NO.

C13/PL-02

# PROFILE ( 1 )

Scale H 1:2500  
V 1:200



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT (RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.



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No	REVISION	DATE

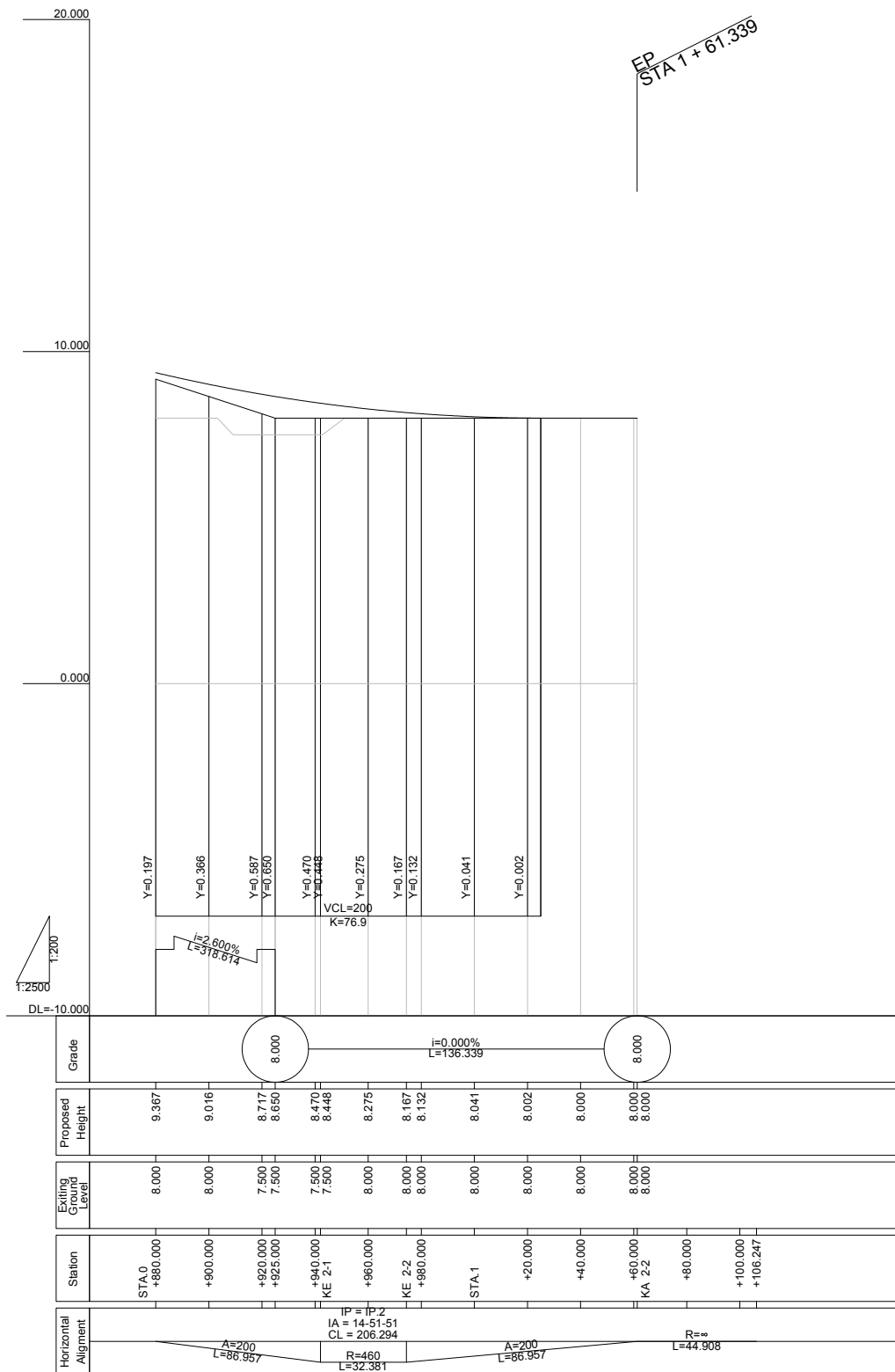
PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

PROFILE ( 1 )  
SANGU BRIDGE (C13;N-1\_279a)

DESIGNED BY:	
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DWG. NO.	C13/PR-01

# PROFILE ( 2 )

Scale H 1:2500  
V 1:200



EP  
STA 1 + 61.339



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
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PADECO CO., LTD



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REVISION

DATE

PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

PROFILE ( 2 )  
SANGU BRIDGE (C13;N-1\_279a)

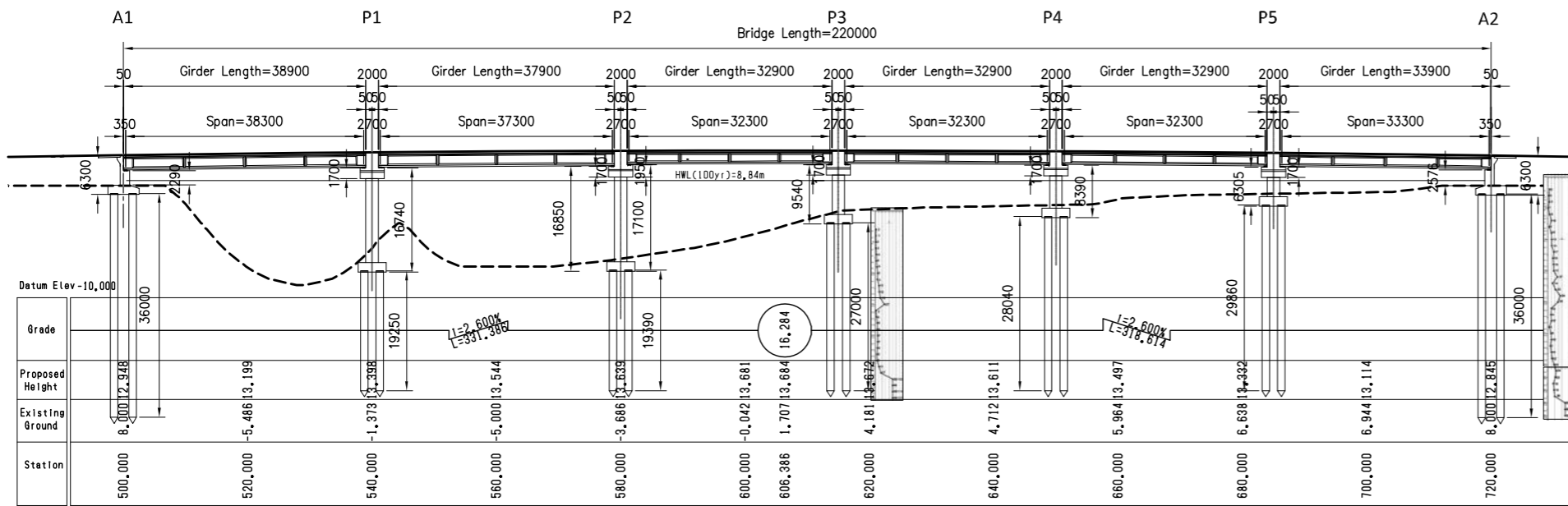
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CHECKED BY:

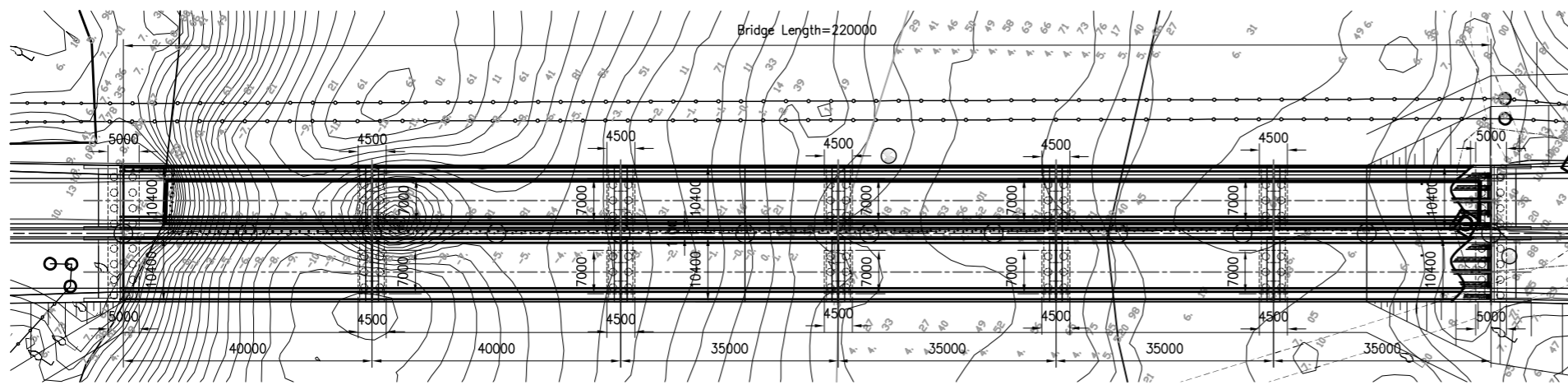
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DWG. NO. C13/PR-02

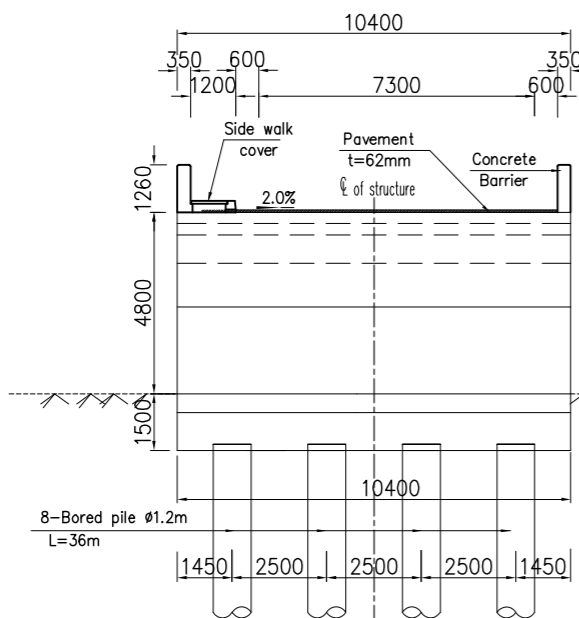
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SCALE 1 : 1000



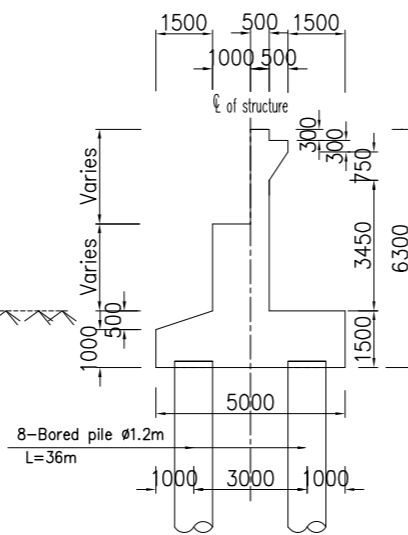
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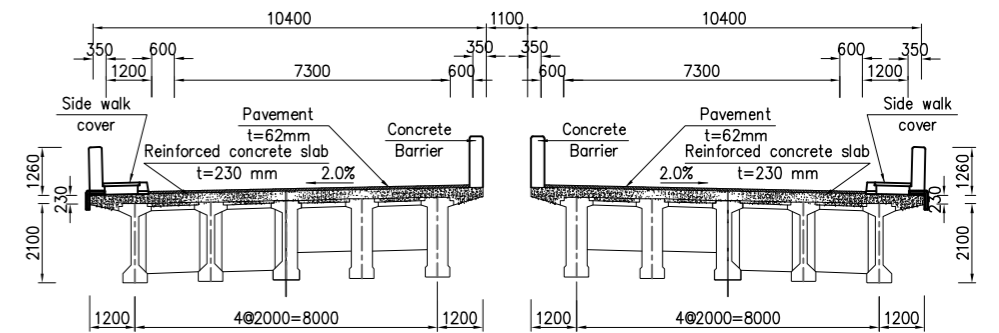
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SCALE 1 : 200



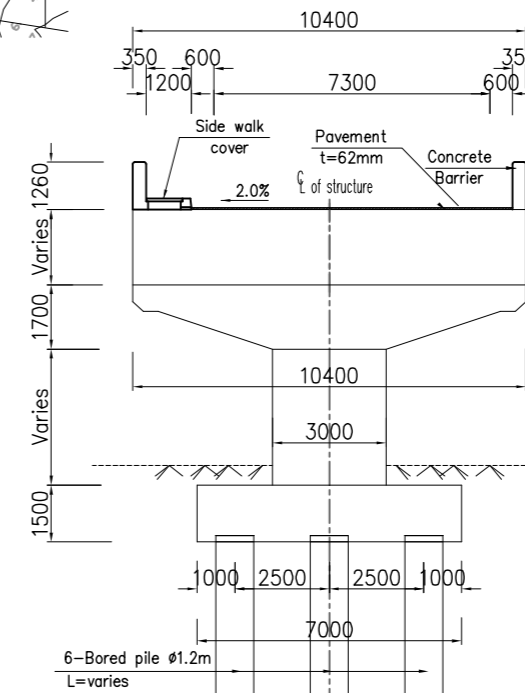
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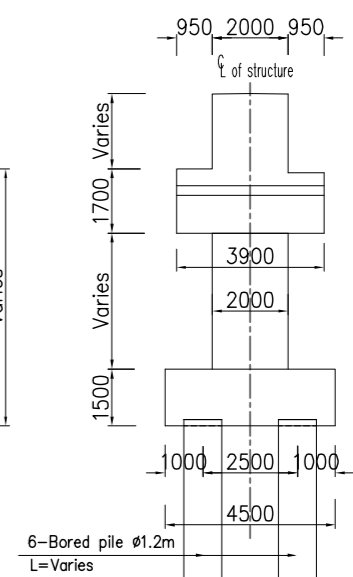
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SCALE 1 : 200



**FRONT VIEW OF PIER**  
SCALE 1 : 200



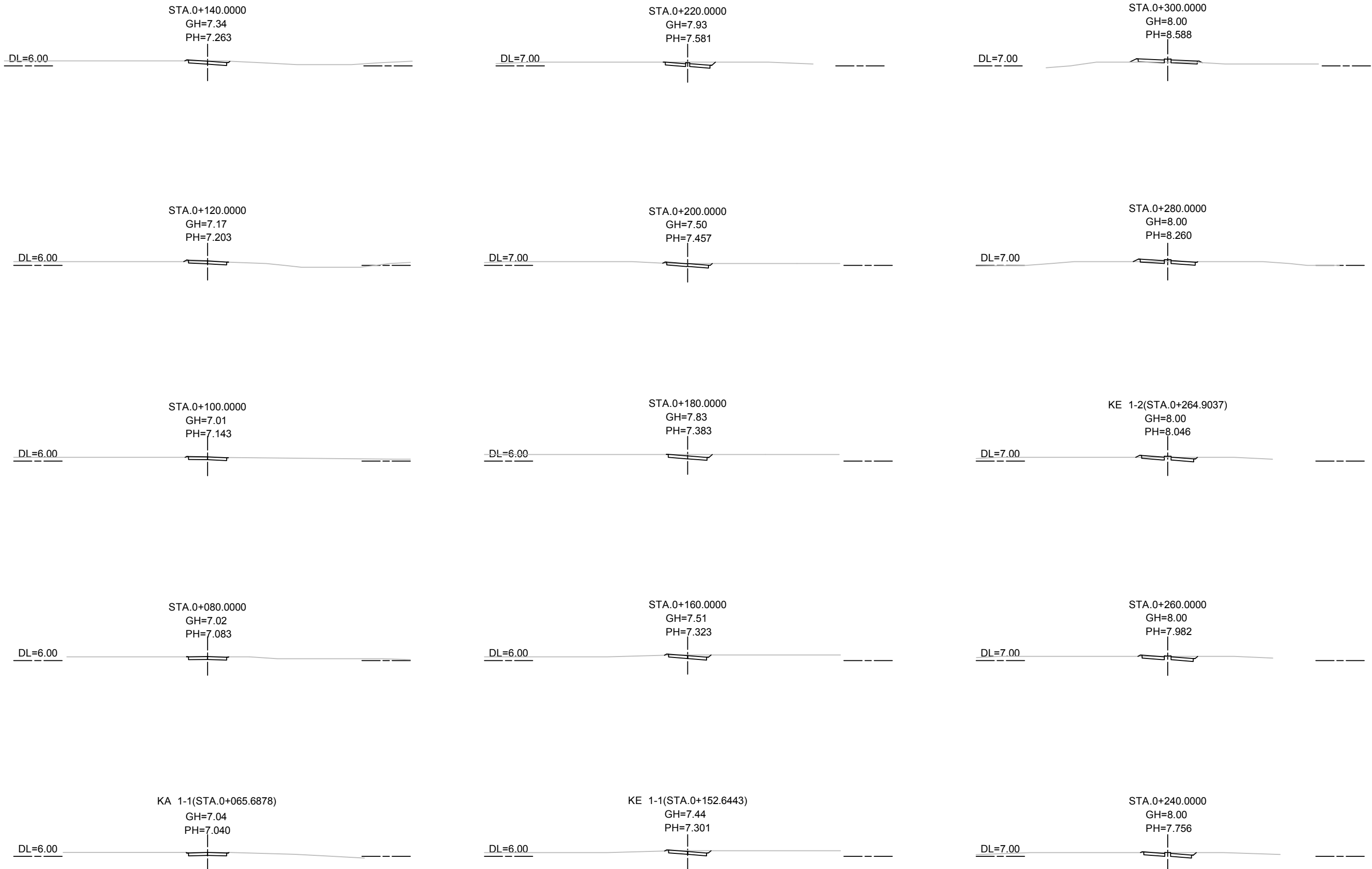
**SIDE VIEW OF PIER**  
SCALE 1 : 200





# CROSS SECTION ( 1 )

Scale 1:1000



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT(RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
PADECO CO.,LTD



No	REVISION	DATE

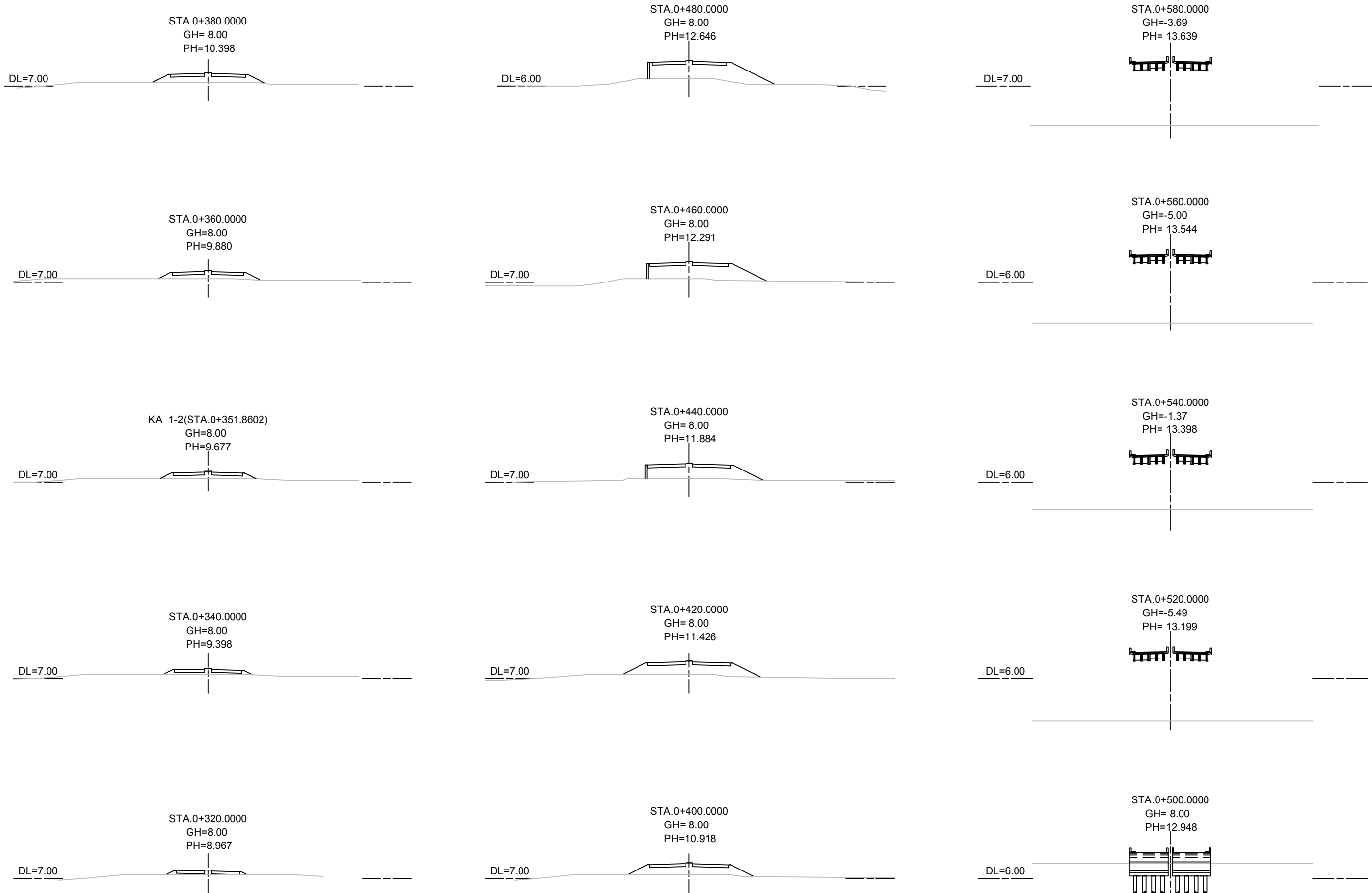
PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

Cross Section( 1 )  
SANGU BRIDGE (C13;N-1\_279a)

DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DWG. NO.	C13/CS-01

# CROSS SECTION ( 2 )

Scale 1:1000



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT(RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD. **PADECO**  
PADECO CO.,LTD

No	REVISION	DATE

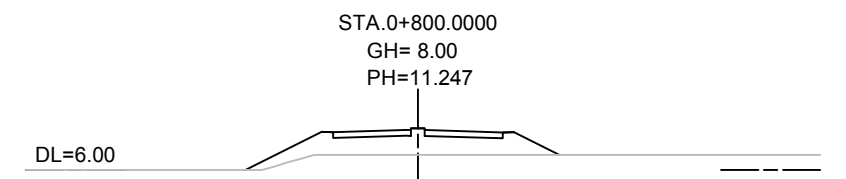
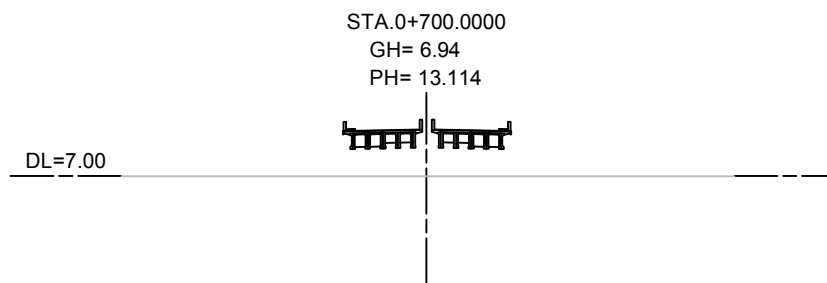
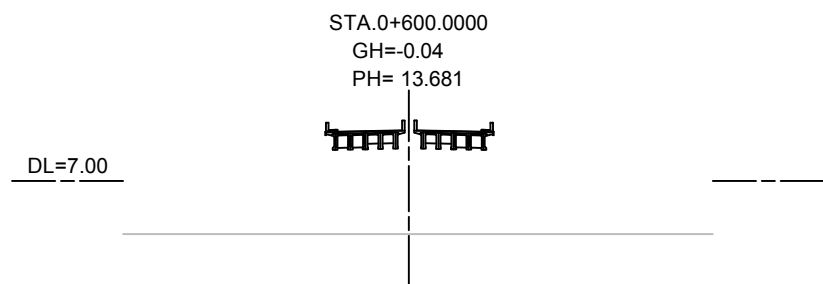
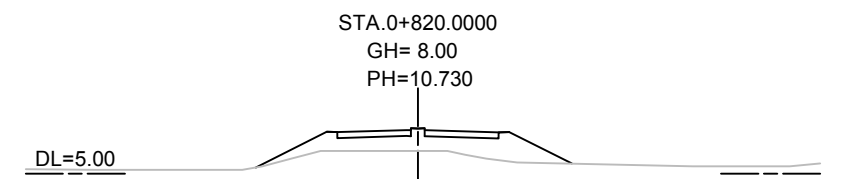
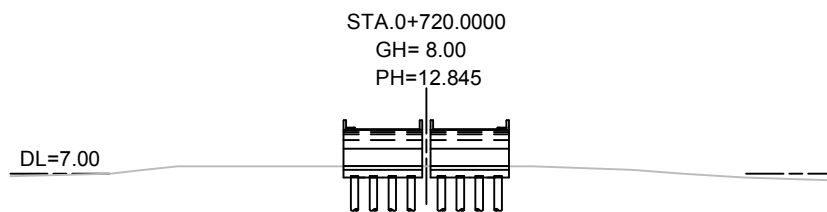
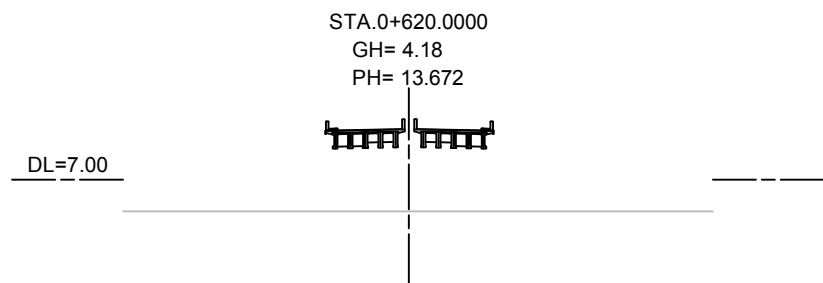
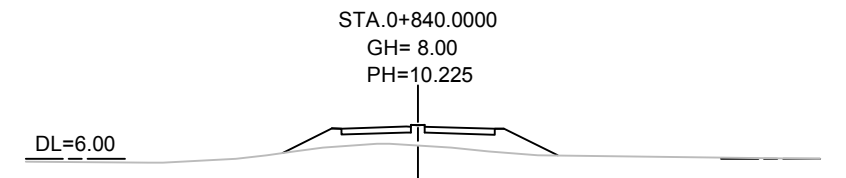
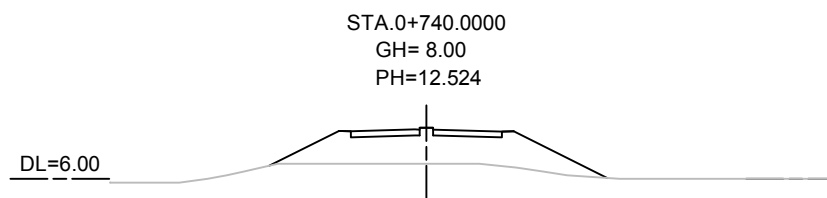
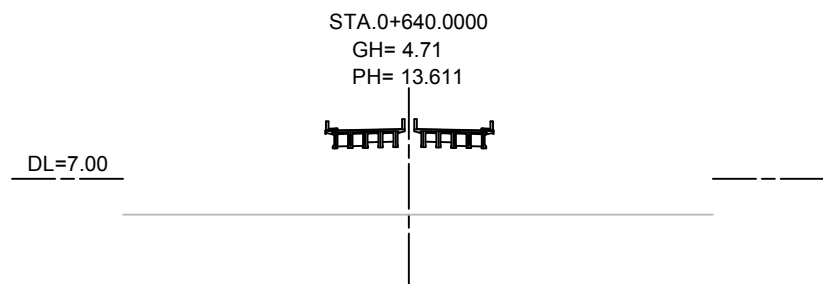
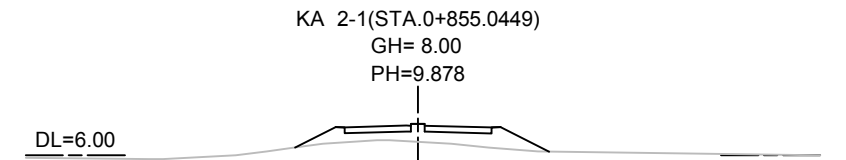
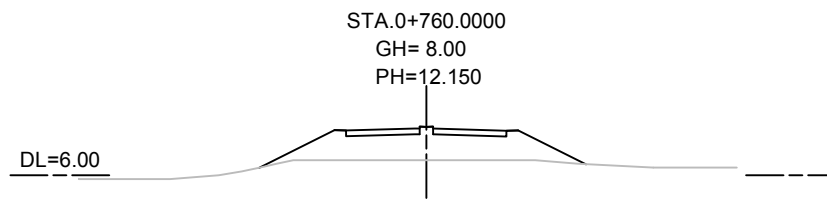
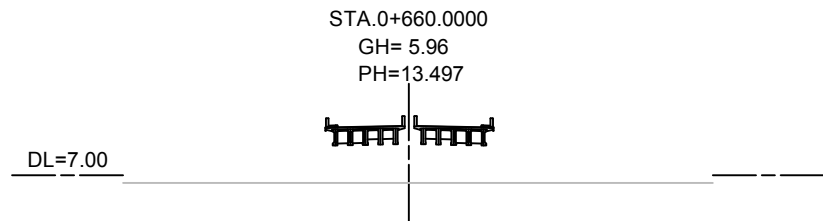
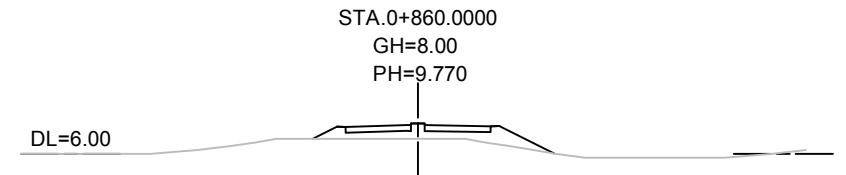
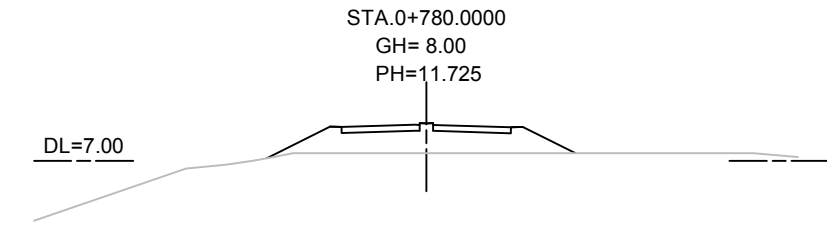
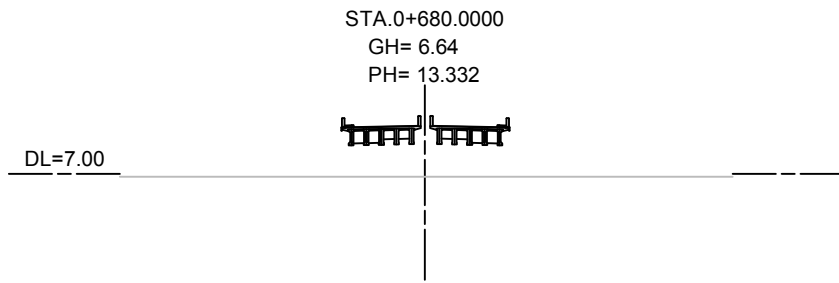
PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

Cross Section( 2 )  
SANGU BRIDGE (C13;N-1\_279a)

DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DWG. NO.	C13/CS-02

# CROSS SECTION ( 3 )

Scale 1:1000



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT(RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD. **PADECO**  
PADECO CO.,LTD

No	REVISION	DATE

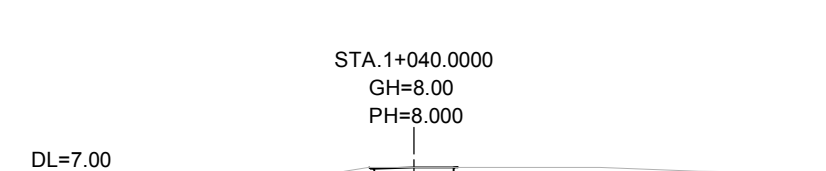
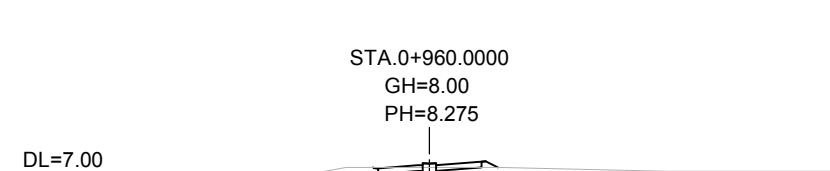
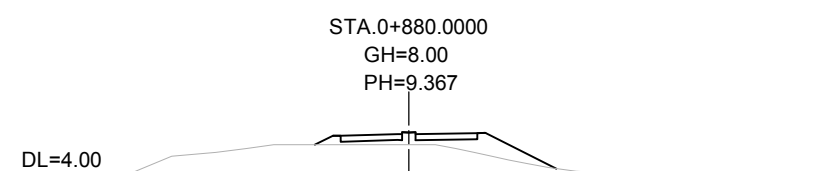
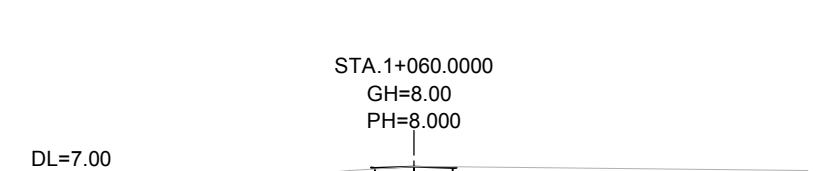
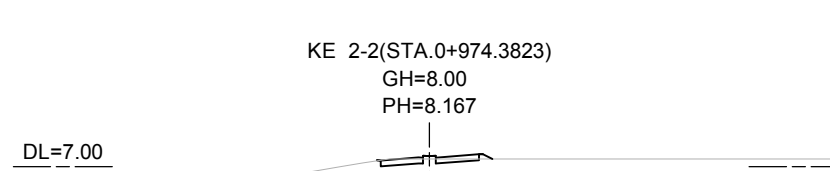
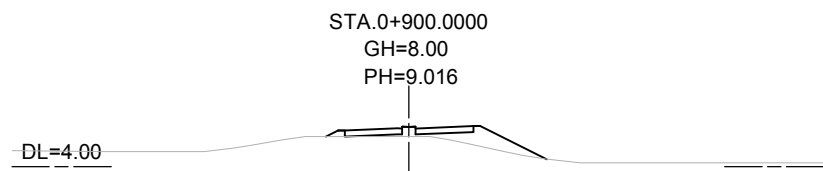
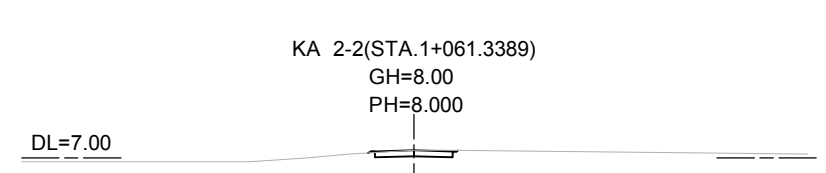
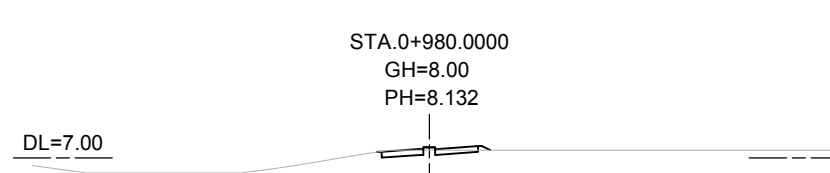
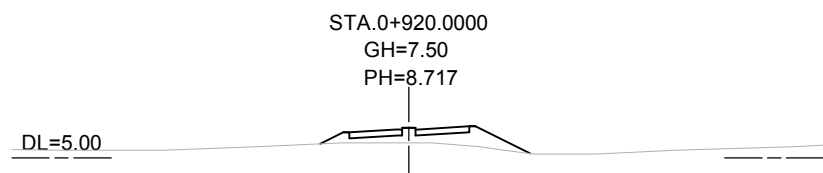
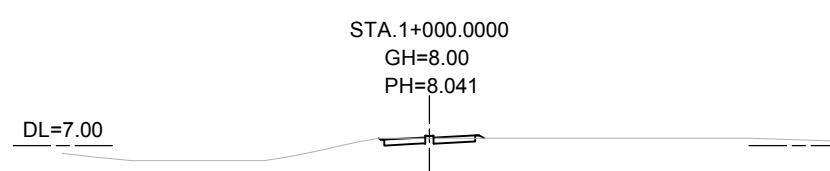
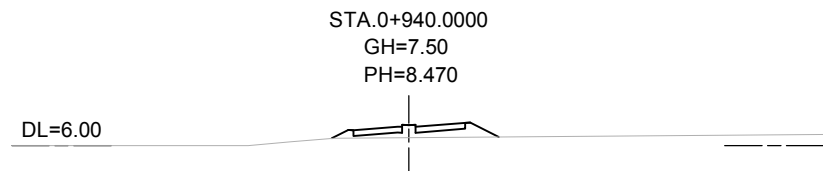
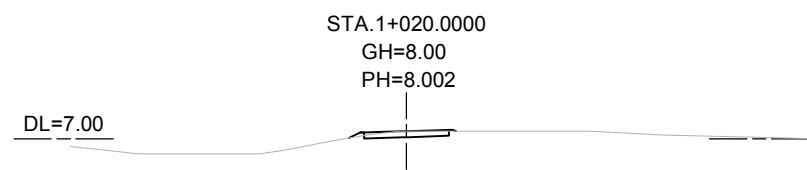
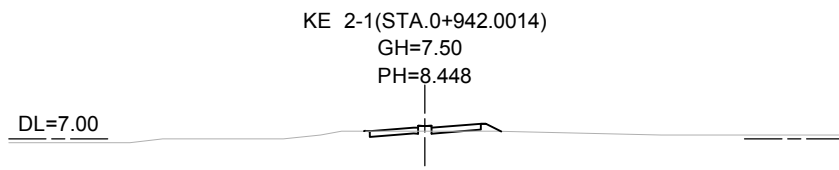
PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

Cross Section( 3 )  
SANGU BRIDGE (C13;N-1\_279a)

DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DWG. NO.	C13/CS-03

# CROSS SECTION ( 4 )

Scale 1:1000



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT (RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
PADECO CO., LTD



No	REVISION	DATE

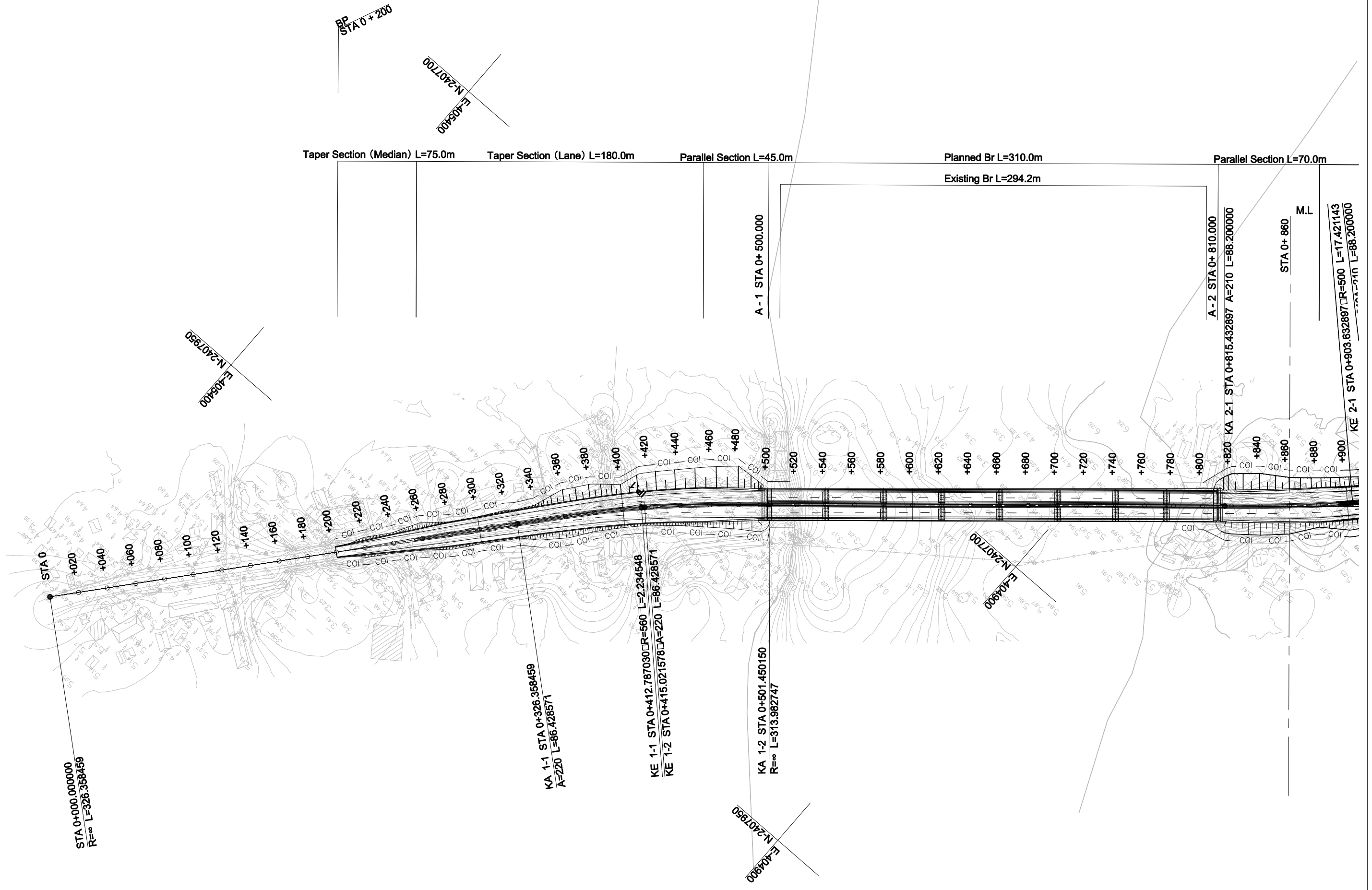
PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

Cross Section( 4 )  
SANGU BRIDGE (C13;N-1\_279a)

DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DWG. NO.	C13/CS-04

# PLAN ( 1 )

Scale 1:2500



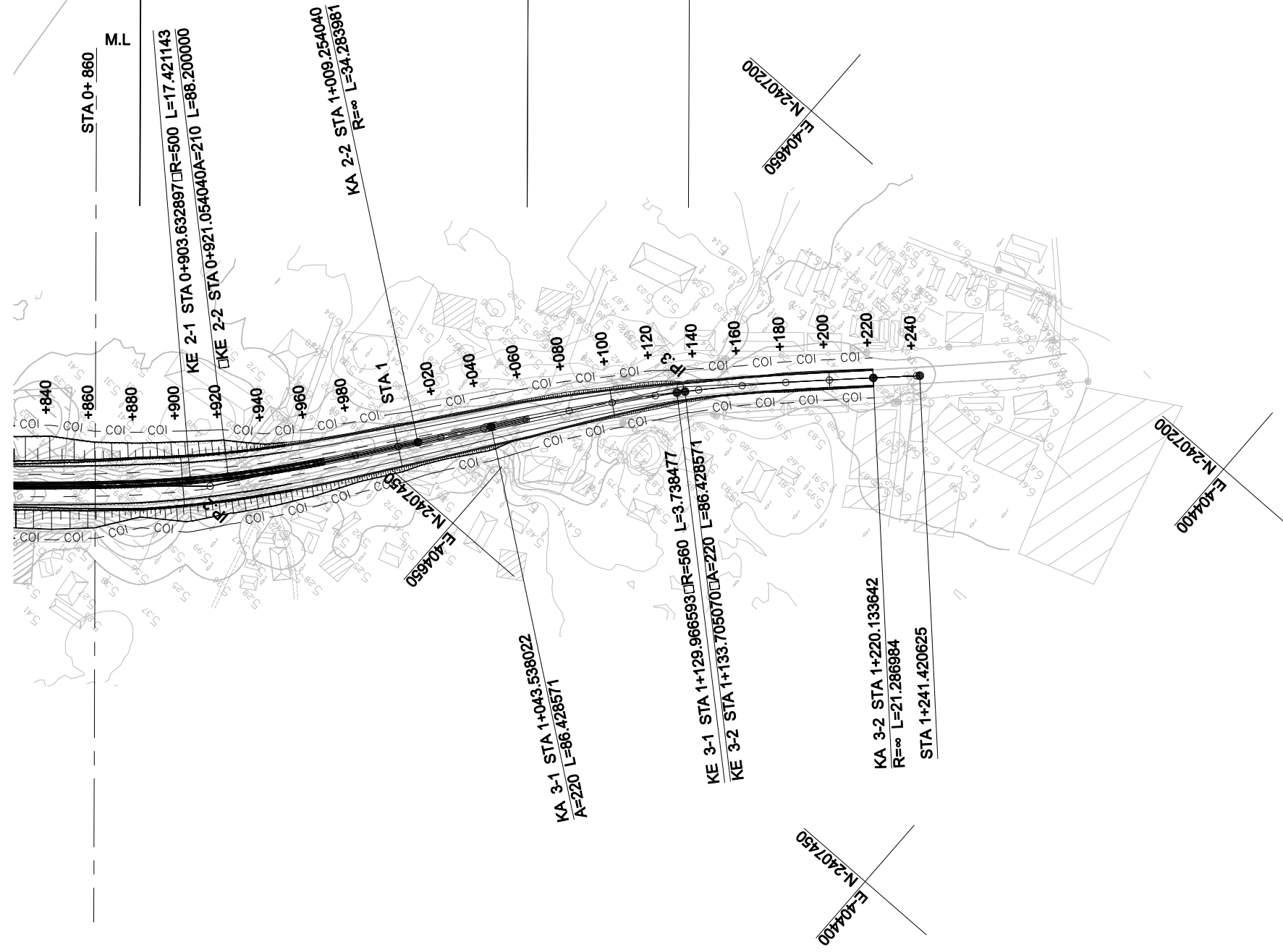
MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB) PEOPLE'S REPUBLIC OF BANGLADESH ROADS & HIGHWAYS DEPARTMENT(RHD)	JAPAN INTERNATIONAL COOPERATION AGENCY	ORIENTAL CONSULTANTS GLOBAL CO., LTD. PADECO CO.,LTD	No	REVISION	DATE	PREPARATORY SURVEY ON THE CROSS-BORDER ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)  PLAN ( 1 ) MATHAMUHURI BRIDGE (C26;N-1_328a)	DESIGNED BY:	
							CHECKED BY:	
							DWG. NO.	C26/PL-01

# PLAN ( 2 )

Scale 1:2500

EP  
STA 1 + 220.134

Heel Section L=70.0m      Taper Section (Lane) L=180.0m      Taper Section (Median) L=75.0m



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT (RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
PADECO CO., LTD



No	REVISION	DATE
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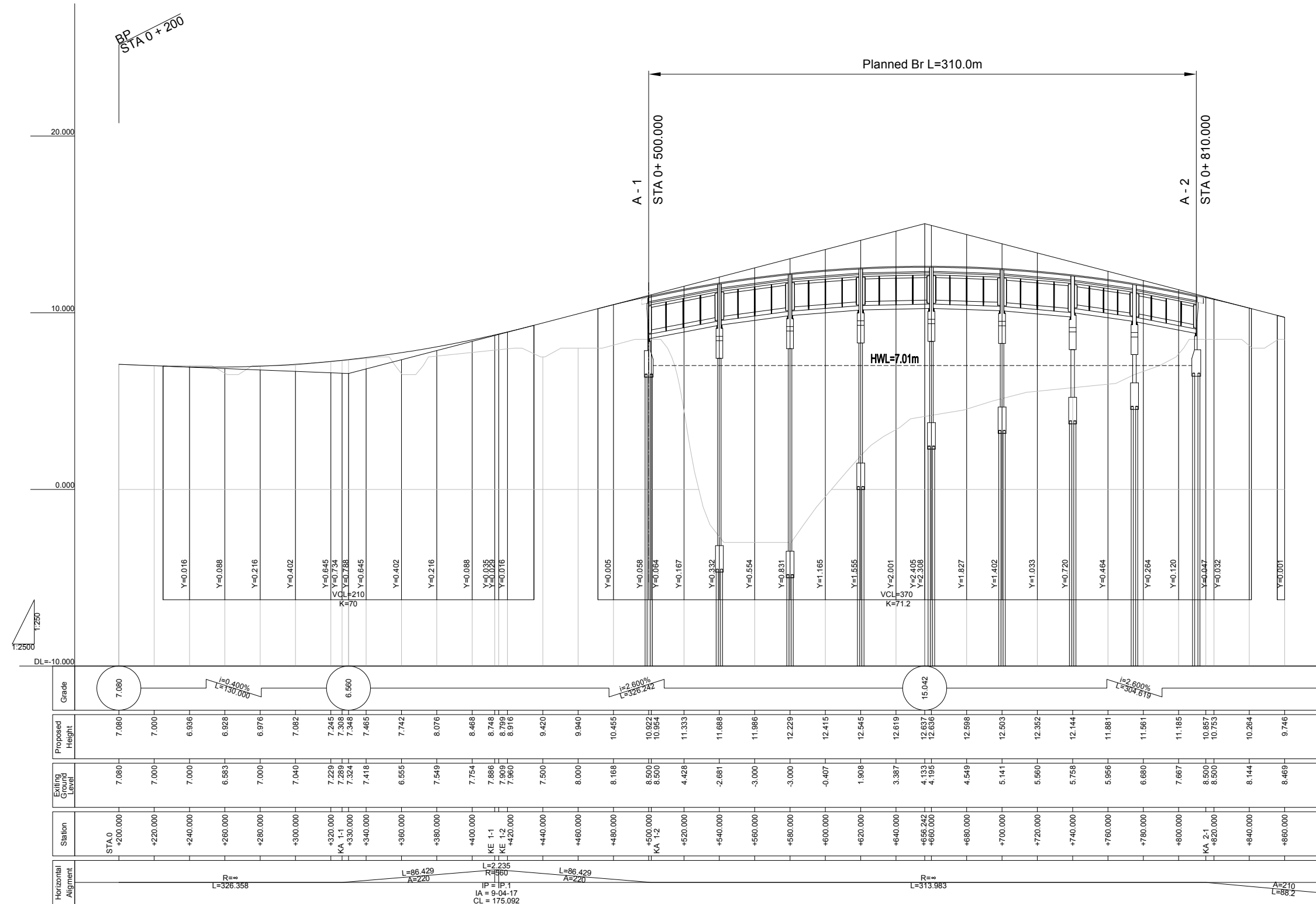
PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

PLAN ( 2 )  
MATHAMUHURI BRIDGE (C26;N-1\_328a)

DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DWG. NO.	C26/PL-02

# PROFILE ( 1 )

Scale H 1:2500  
V 1:250



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT (RHD)

JICA JAPAN INTERNATIONAL COOPERATION AGENCY

ORIENTAL CONSULTANTS GLOBAL CO., LTD. PADECO CO., LTD.

No REVISION DATE

PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

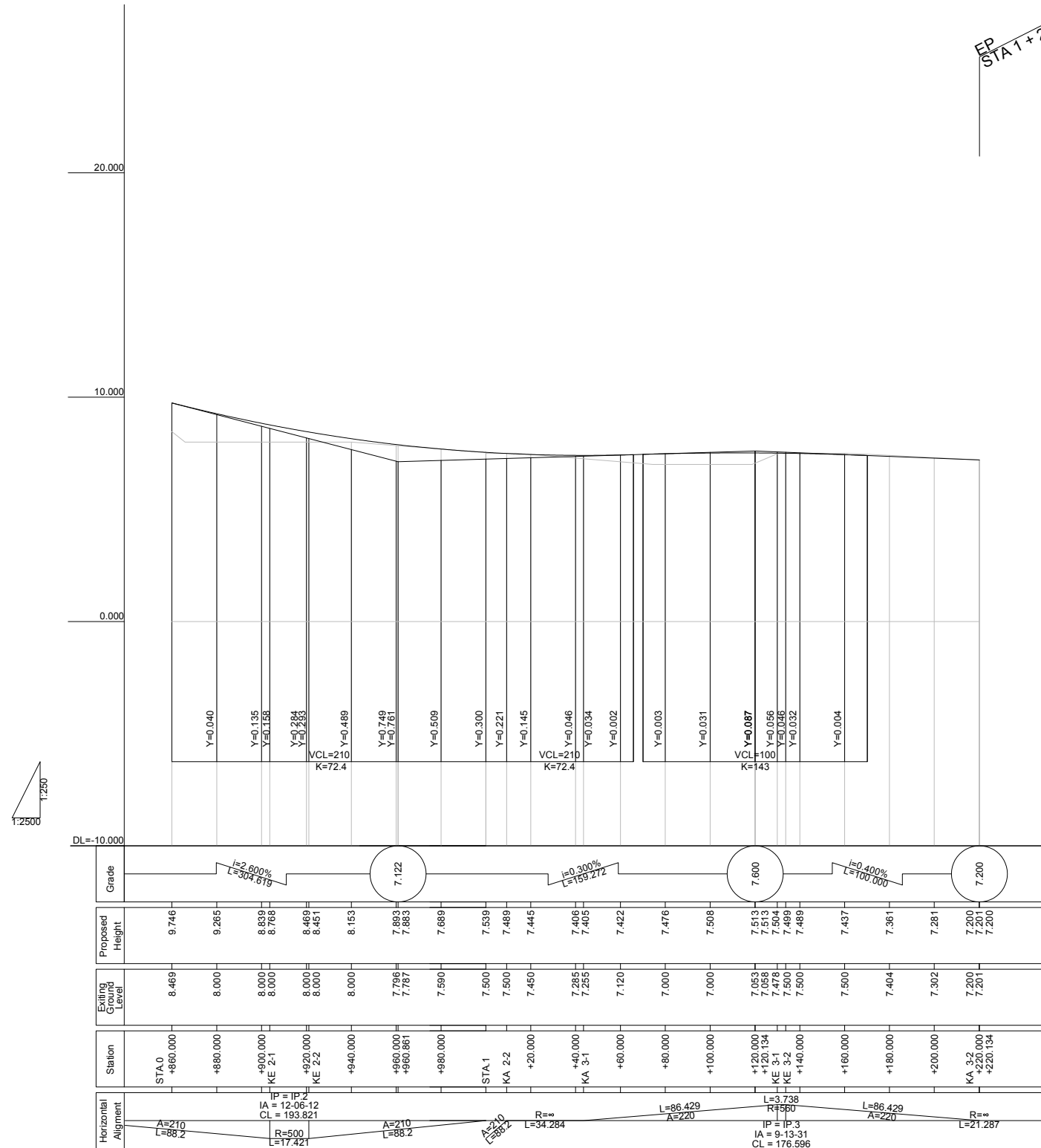
PROFILE ( 1 )  
MATHAMUHURI BRIDGE (C26;N-1\_328a)

DESIGNED BY:  
CHECKED BY:  
APPROVED BY:  
DWG. NO. C26/PR-01

# PROFILE ( 2 )

Scale H 1:2500  
V 1:250

EP  
STA 1 + 220.134



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT(RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
PADECO CO.,LTD



No	REVISION	DATE
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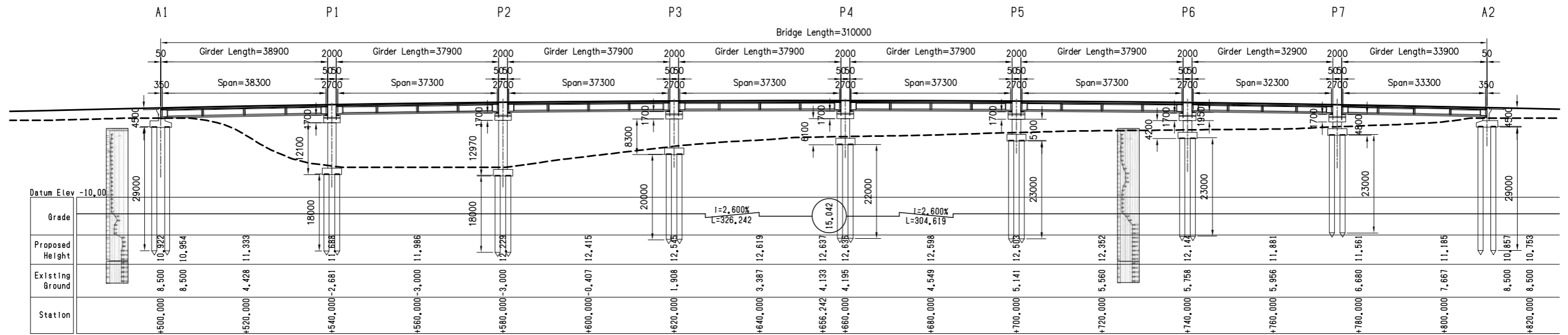
PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

PROFILE ( 2 )  
MATHAMUHURI BRIDGE (C26;N-1\_328a)

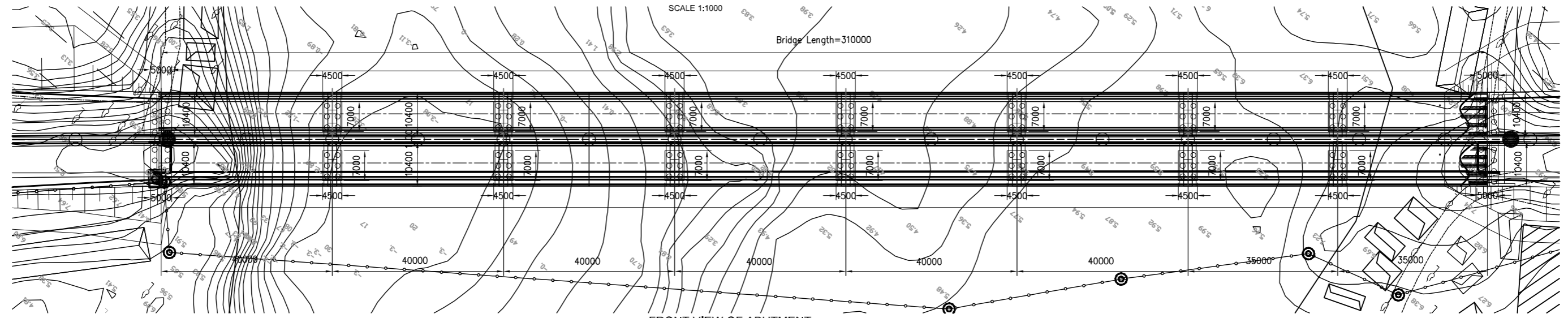
DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DWG. NO.	C26/PR-02



**PROFILE**  
SCALE 1:1000



**PLAN**  
SCALE 1:1000



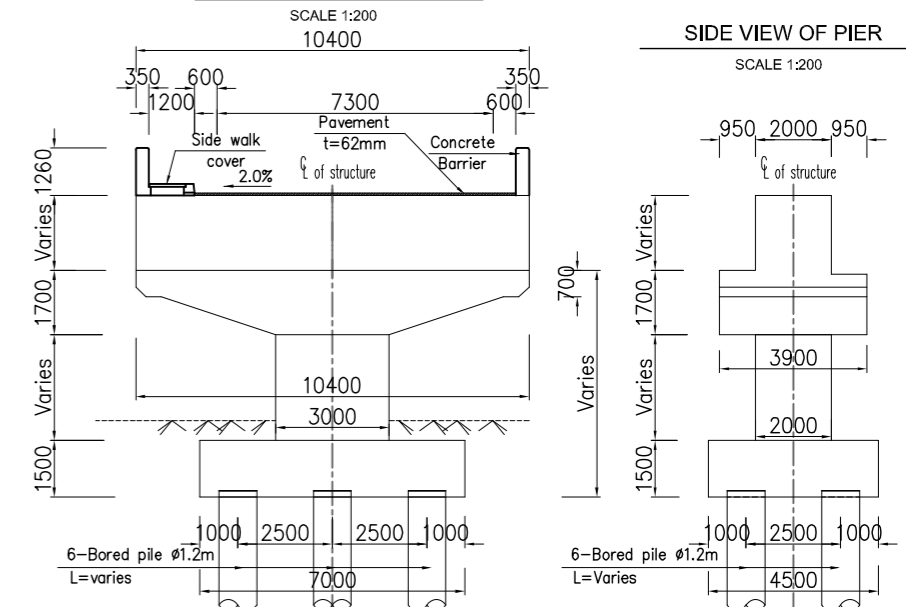
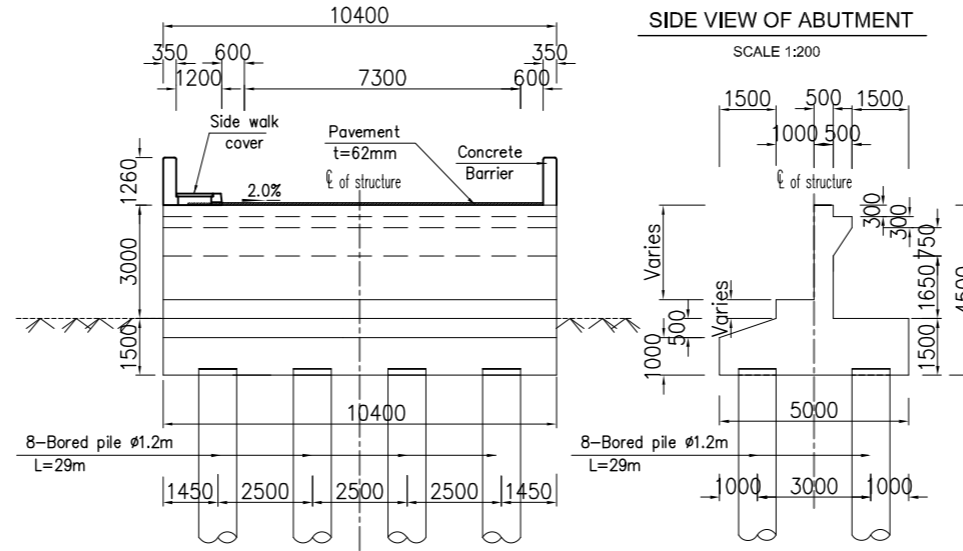
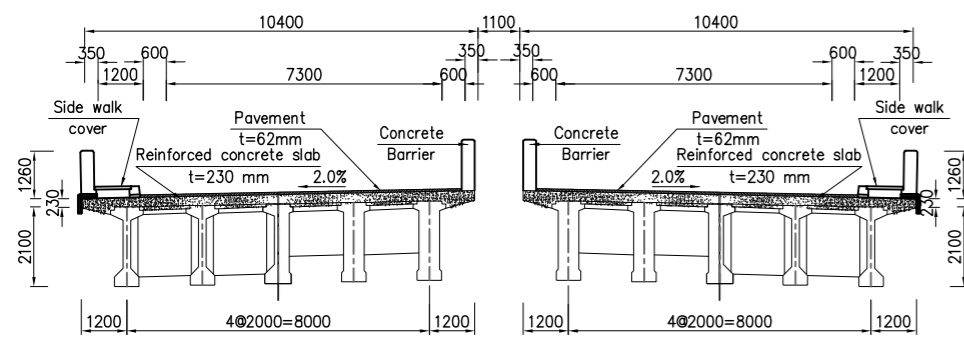
**FRONT VIEW OF ABUTMENT**  
SCALE 1:200

**FRONT VIEW OF PIER**  
SCALE 1:200

**CROSS SECTION**  
SCALE 1:200

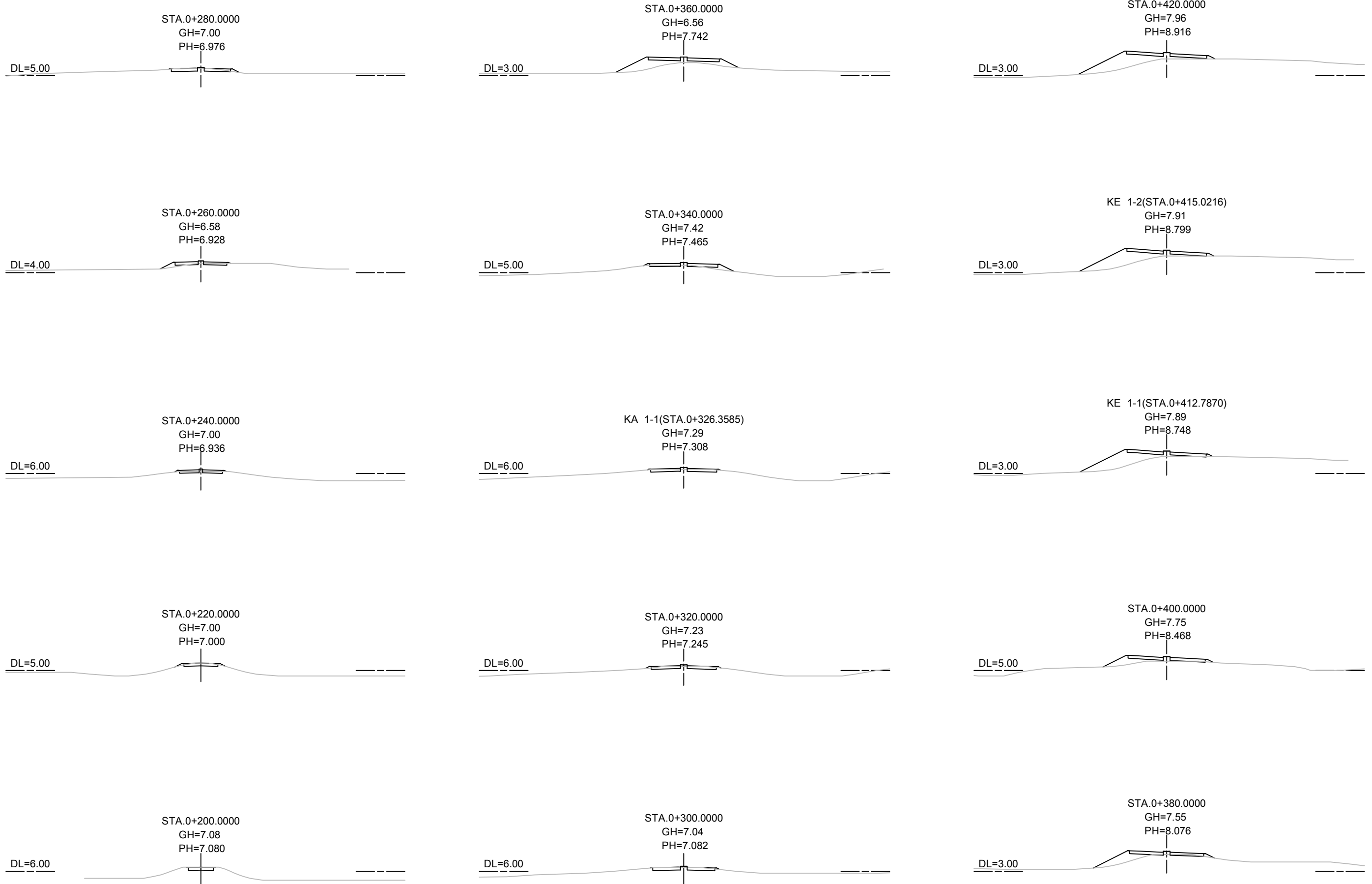
**SIDE VIEW OF ABUTMENT**  
SCALE 1:200

**SIDE VIEW OF PIER**  
SCALE 1:200



# CROSS SECTION ( 1 )

Scale 1:1000



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT(RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
PADECO CO.,LTD



No	REVISION	DATE

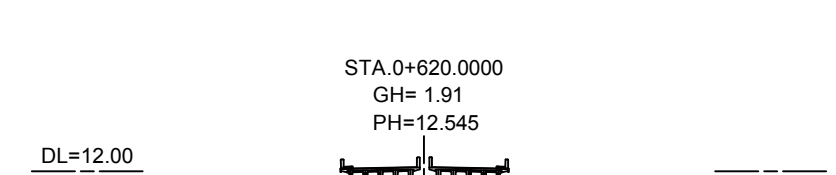
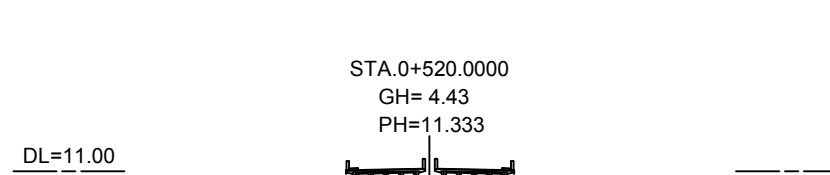
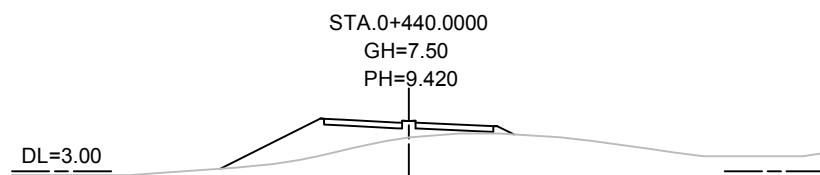
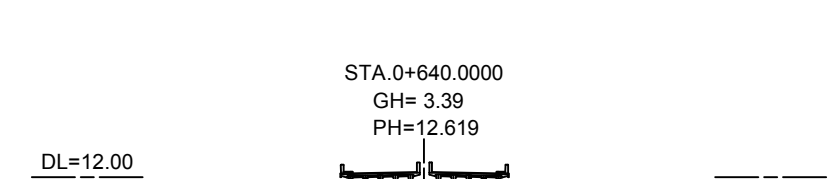
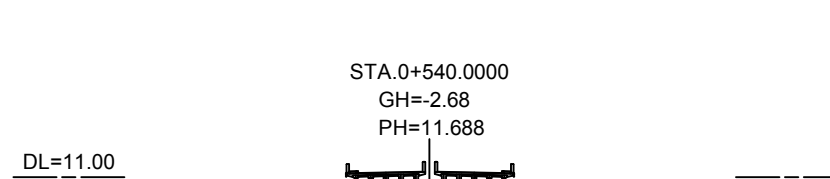
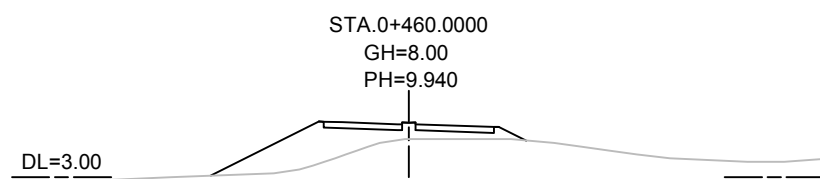
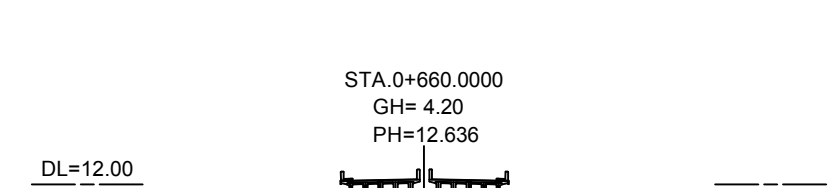
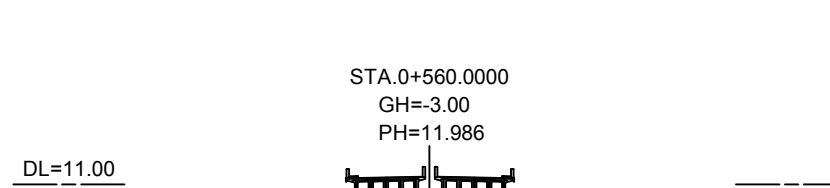
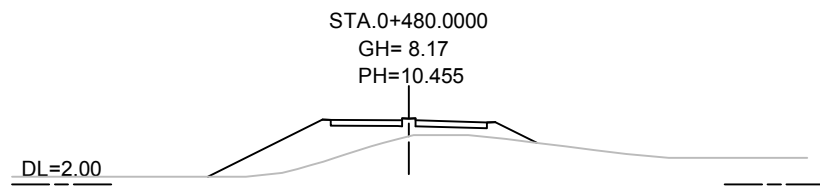
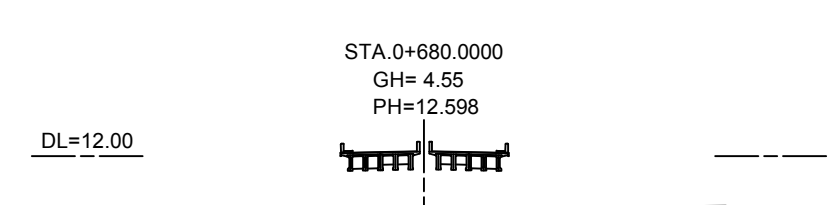
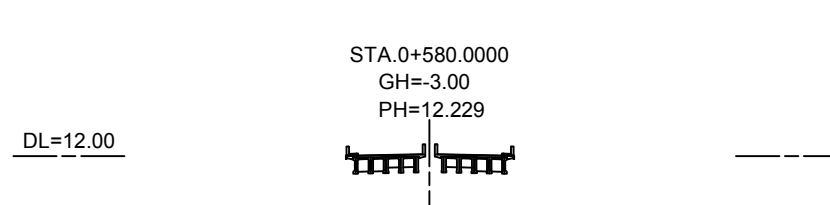
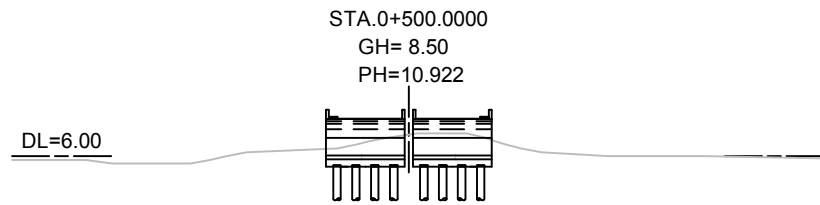
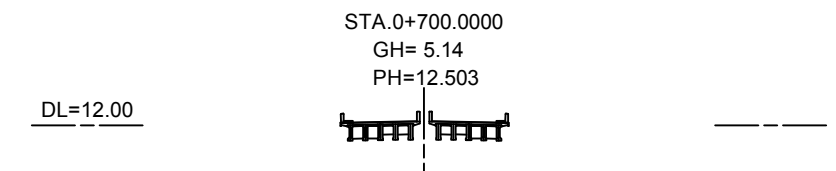
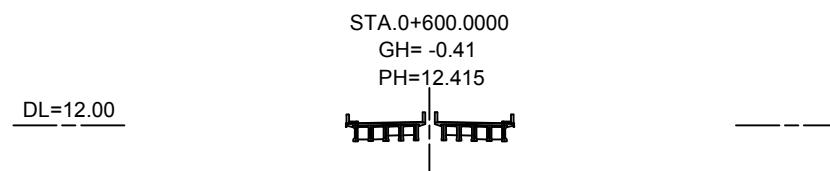
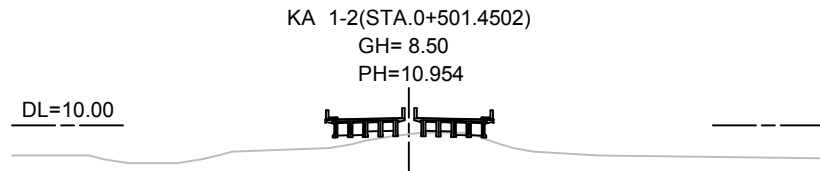
PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

Cross Section( 1 )  
MATHAMUHURI BRIDGE (C26;N-1\_328a)

DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DWG. NO.	C26/CS-01

# CROSS SECTION ( 2 )

Scale 1:1000



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT(RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
PADECO CO.,LTD



No

REVISION

DATE

PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

Cross Section( 2 )  
MATHAMUHURI BRIDGE (C26;N-1\_328a)

DESIGNED BY:

CHECKED BY:

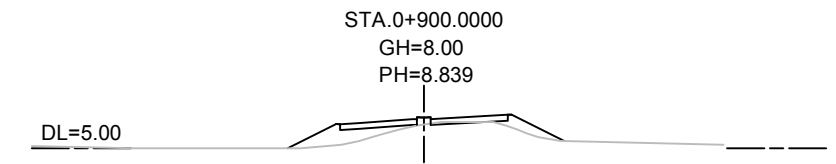
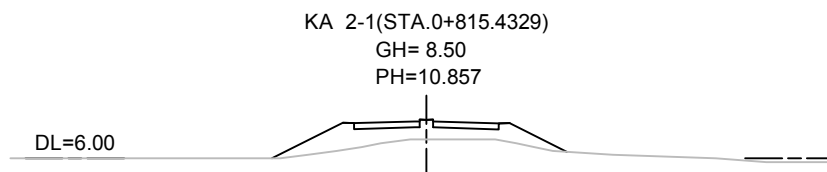
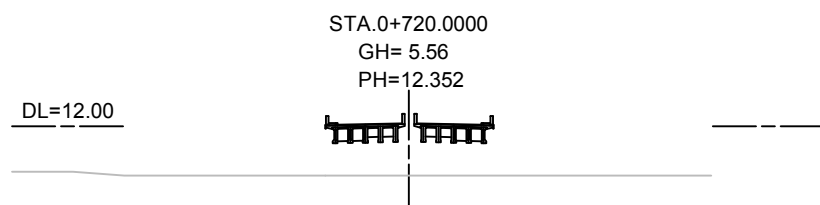
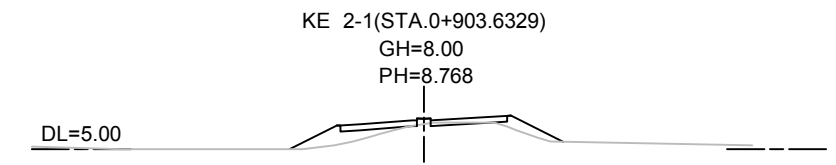
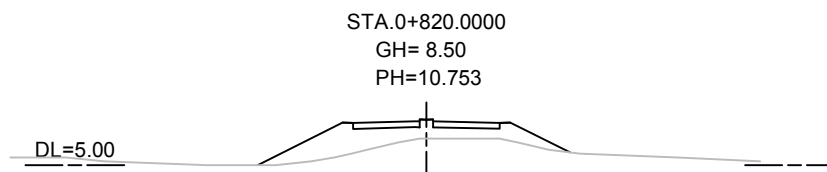
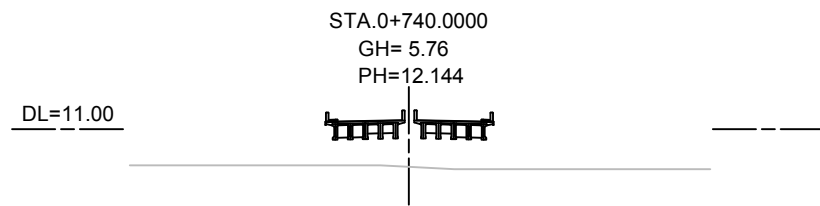
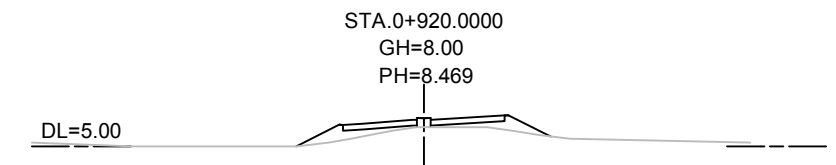
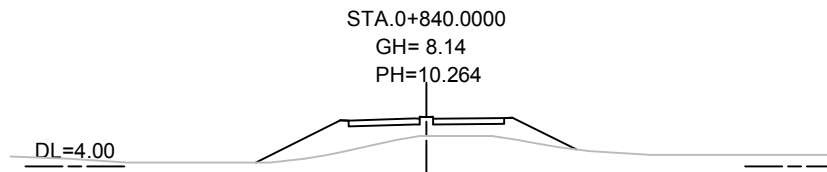
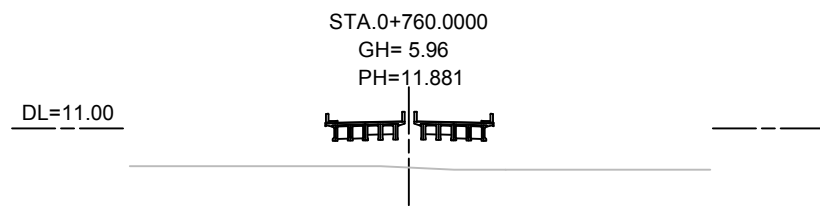
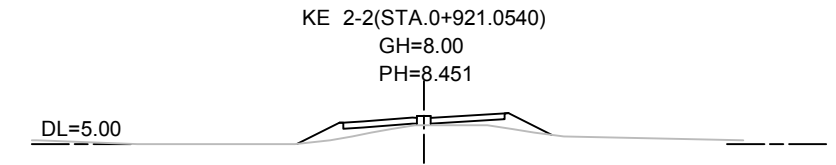
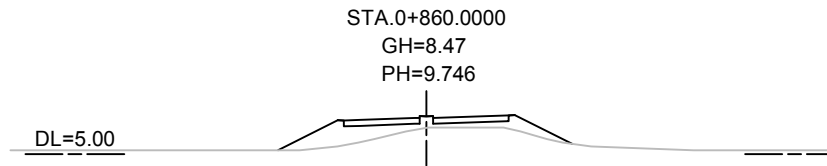
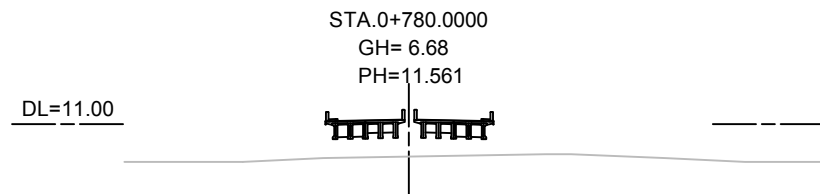
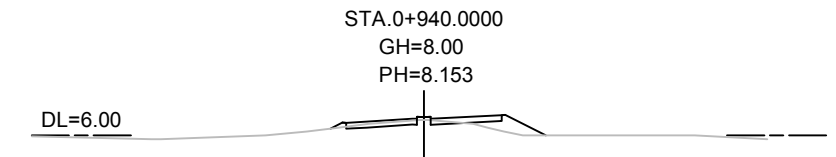
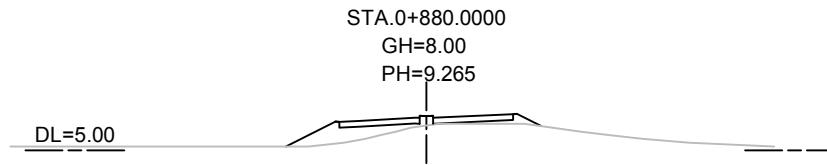
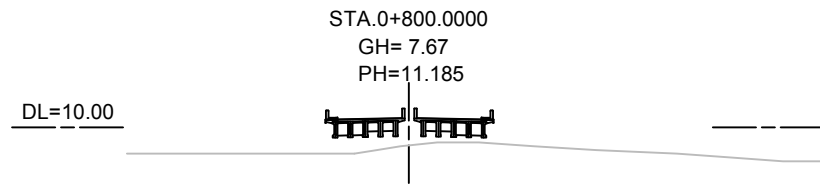
APPROVED BY:

DWG. NO.

C26/CS-02

# CROSS SECTION ( 3 )

Scale 1:1000



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT(RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
PADECO CO.,LTD



No	REVISION	DATE

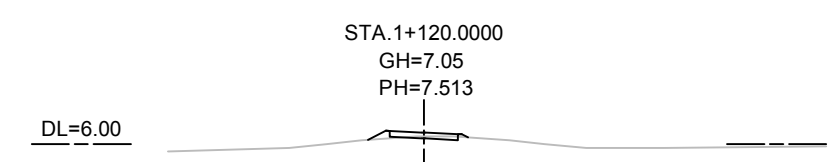
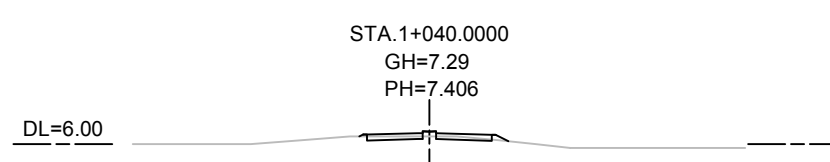
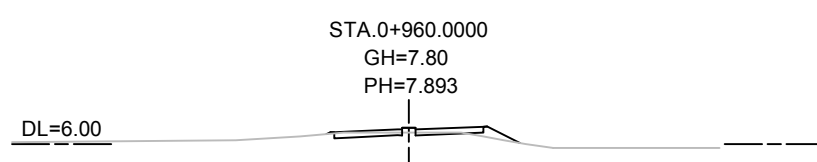
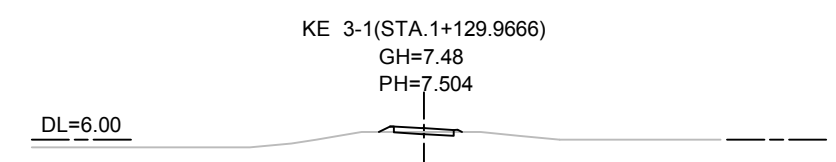
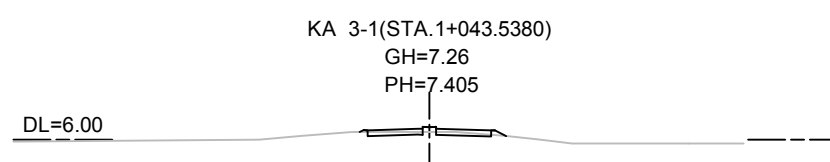
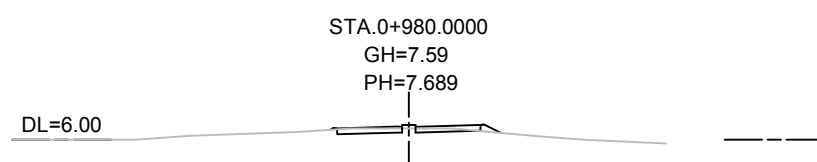
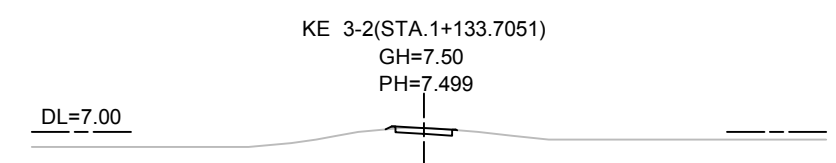
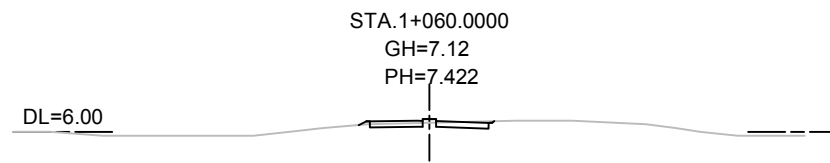
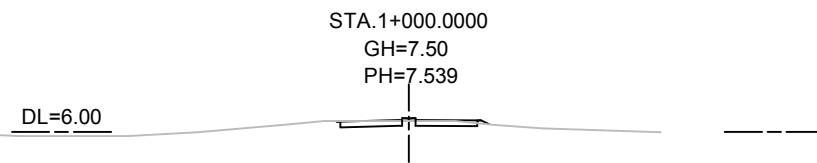
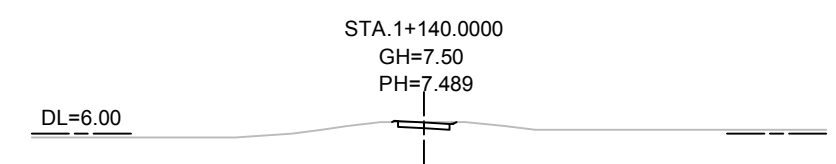
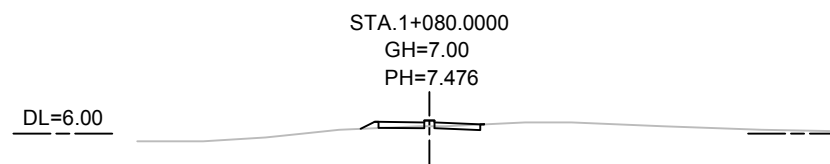
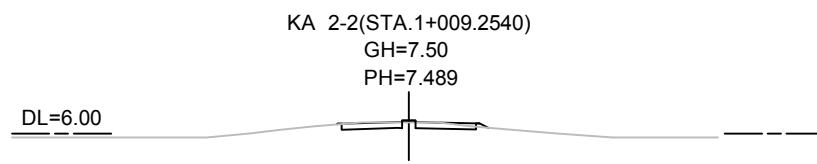
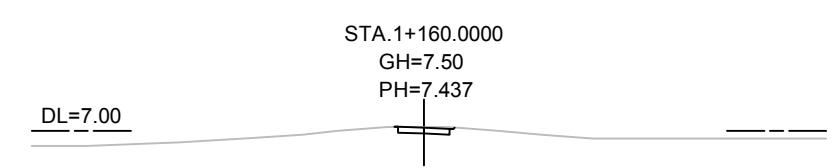
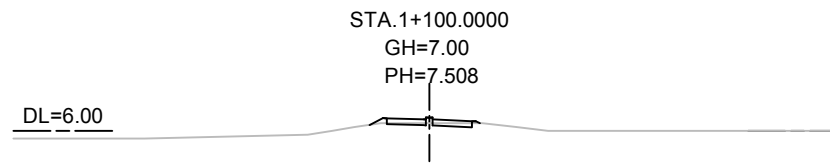
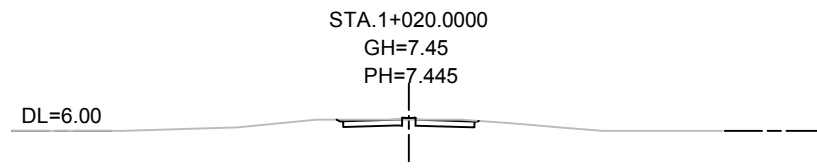
PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

Cross Section( 3 )  
MATHAMUHURI BRIDGE (C26;N-1\_328a)

DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DWG. NO.	C26/CS-03

# CROSS SECTION ( 4 )

Scale 1:1000



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT(RHD)

JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
PADECO CO.,LTD.



No	REVISION	DATE

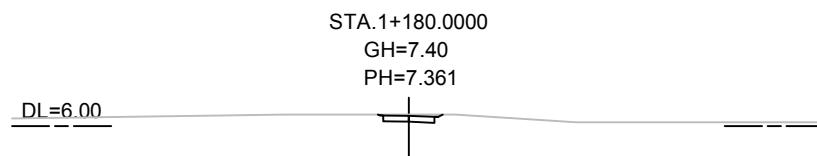
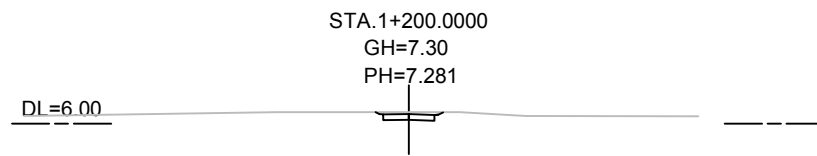
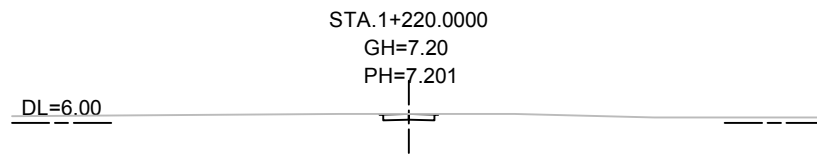
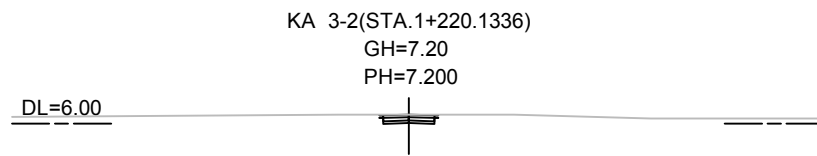
PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

Cross Section( 4 )  
MATHAMUHURI BRIDGE (C26;N-1\_328a)

DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DWG. NO.	C26/CS-04

# CROSS SECTION ( 5 )

Scale 1:1000



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT(RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
PADECO CO.,LTD



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DATE

PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

Cross Section( 5 )  
MATHAMUHURI BRIDGE (C26;N-1\_328a)

DESIGNED BY:

CHECKED BY:

APPROVED BY:

DWG. NO.

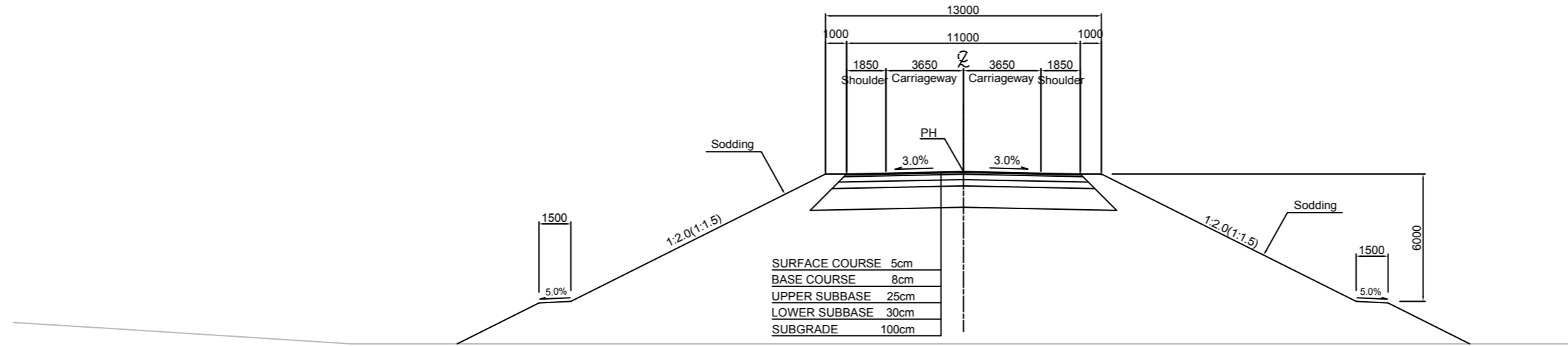
C26/CS-05

**E. Package B in Initial Stage (Target Project)**

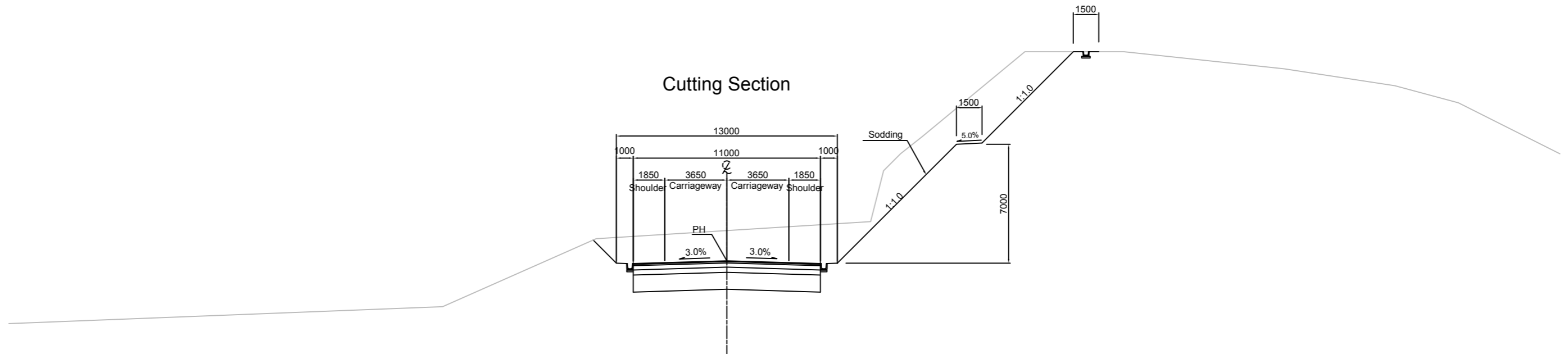
# TYPICAL CROSS SECTION

Scale 1:200

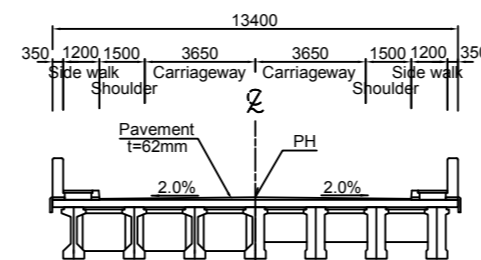
## Embankment Section



## Cutting Section



## Bridge Section



Note: The embankment slope of 1:1.5 is applied at Hilly Area.



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT(RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
PADECO CO.,LTD



No

REVISION

DATE

PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

Typical Cross Section  
Package B in Initial Stage

DESIGNED BY:

CHECKED BY:

APPROVED BY:

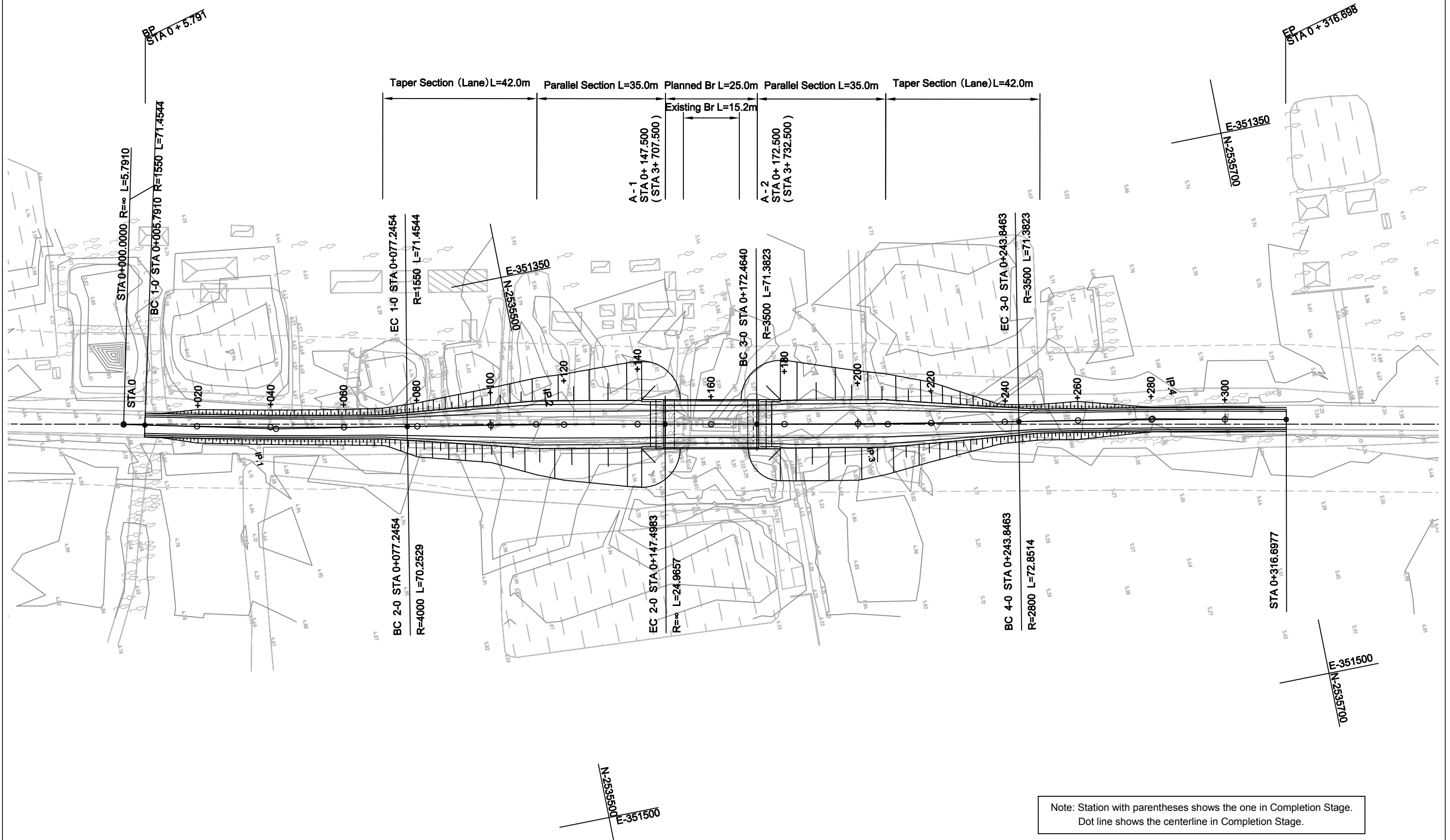
DWG. NO.

B/TC-01



# PLAN

Scale 1:1000

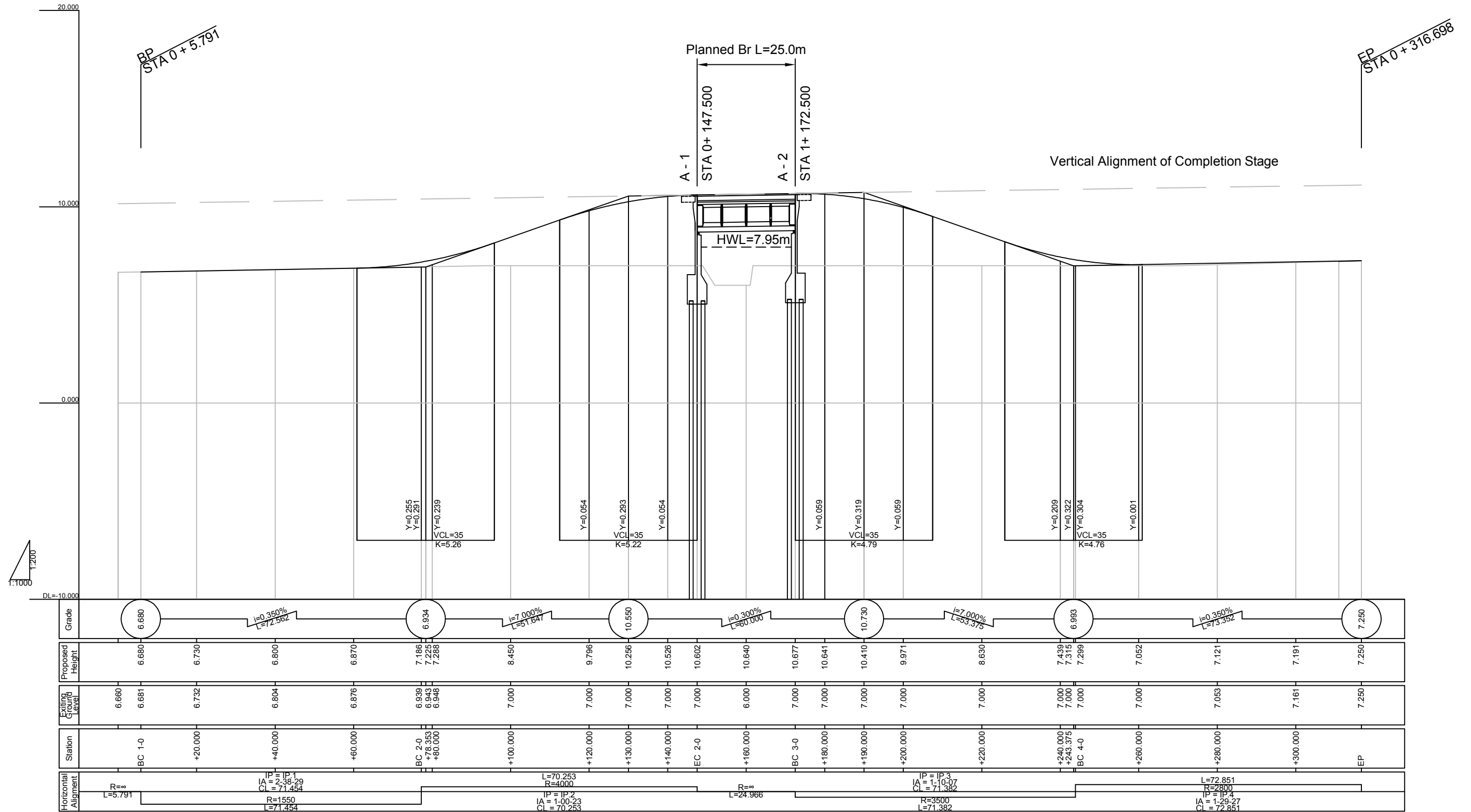


Note: Station with parentheses shows the one in Completion Stage.  
Dot line shows the centerline in Completion Stage.

 MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB) PEOPLE'S REPUBLIC OF BANGLADESH ROADS & HIGHWAYS DEPARTMENT(RHD)	 JAPAN INTERNATIONAL COOPERATION AGENCY	 ORIENTAL CONSULTANTS GLOBAL CO., LTD. PADECO CO.,LTD	PREPARATORY SURVEY ON THE CROSS-BORDER ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)	DESIGNED BY:	
				CHECKED BY:	
Plan Telipool Bridge(B2; R-151_4c)				APPROVED BY:	
				DWG. NO.	B2/PL-01
			No	REVISION	DATE

# PROFILE

Scale H 1:1000  
V 1:200



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT(RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
PADECO CO.,LTD



No	REVISION	DATE
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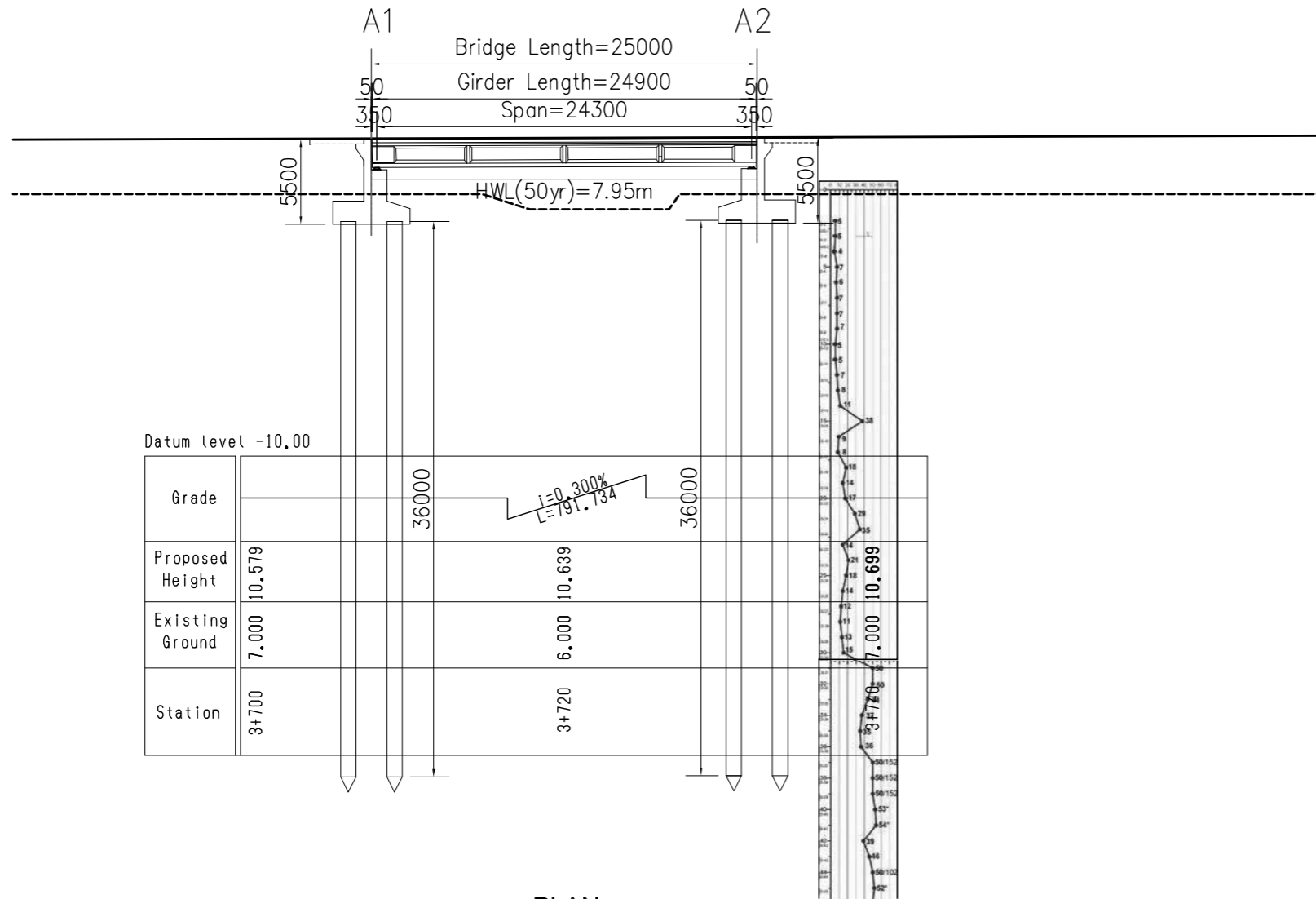
PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

Profile  
Telipool Bridge(B2;R-151\_4a)

DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DWG. NO.	B2/PR-01

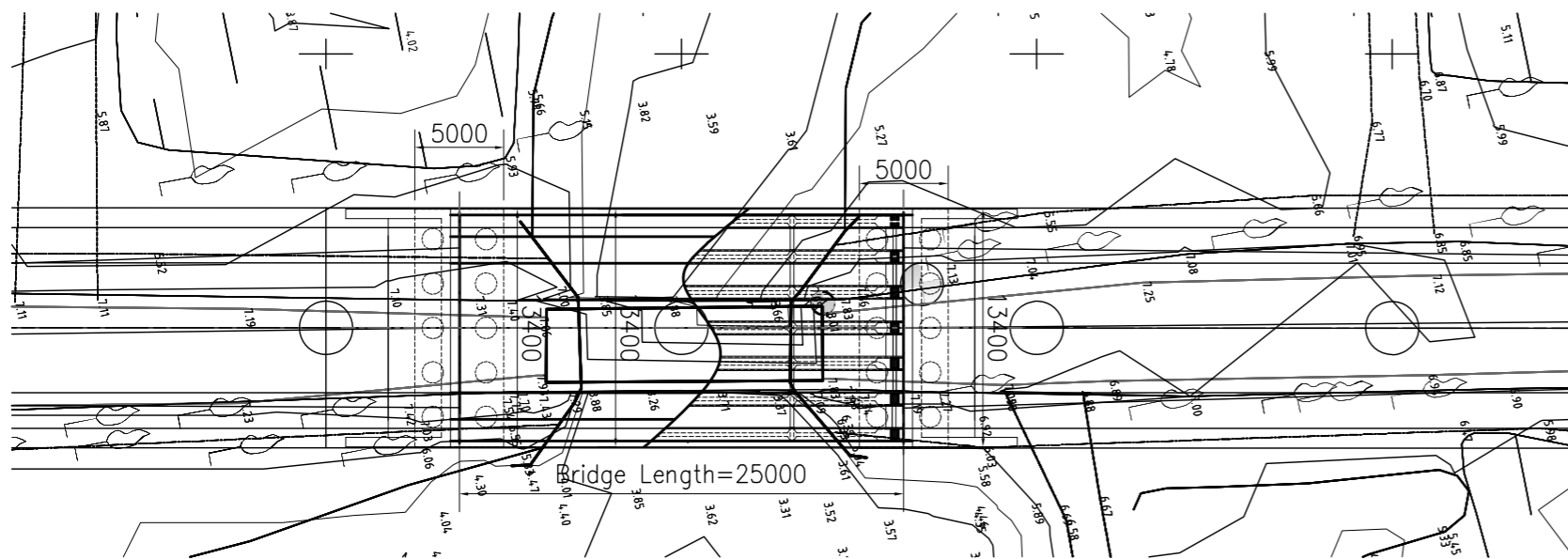
**PROFILE**

SCALE 1:400



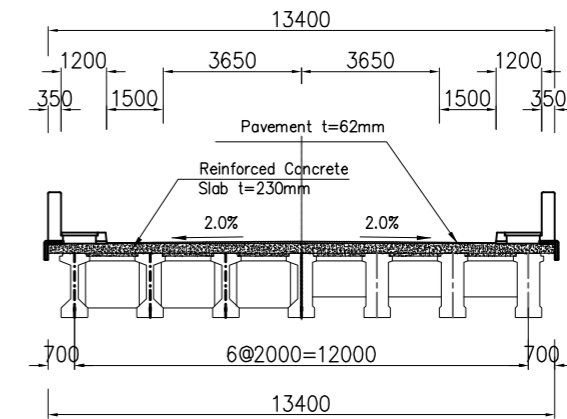
**PLAN**

SCALE 1:400



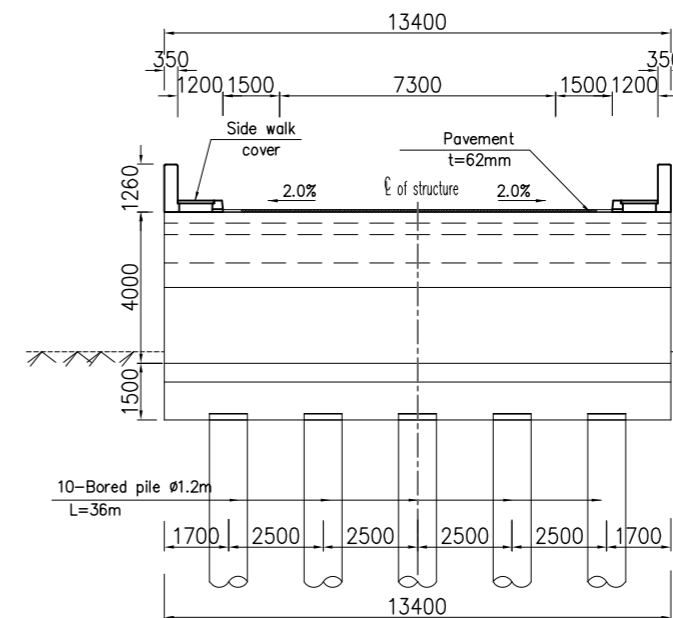
**CROSS SECTION**

SCALE 1:200



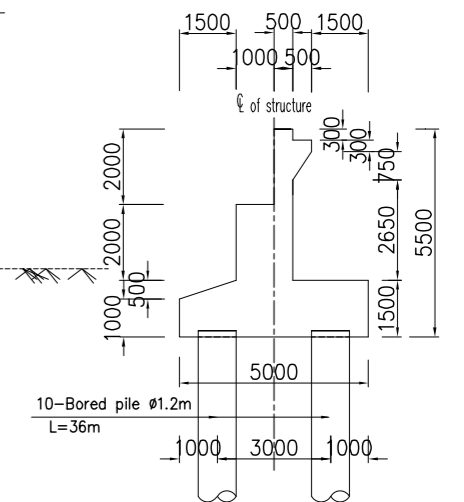
**FRONT VIEW OF ABUTMENT**

SCALE 1:200



**SIDE VIEW OF ABUTMENT**

SCALE 1:200



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT (RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
PADECO CO., LTD



No	REVISION	DATE

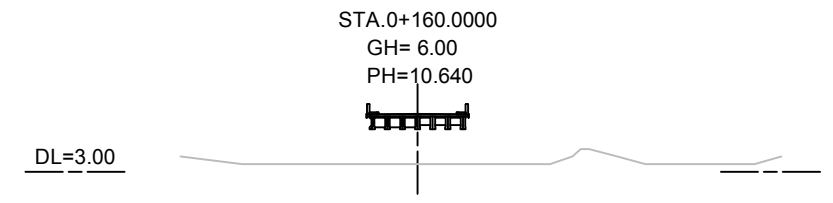
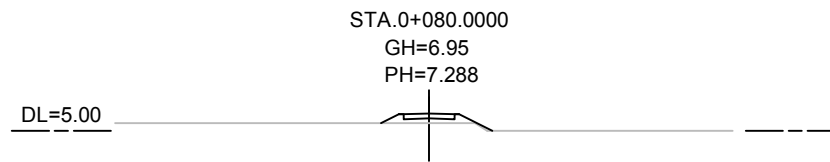
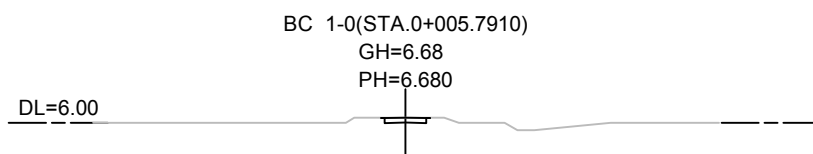
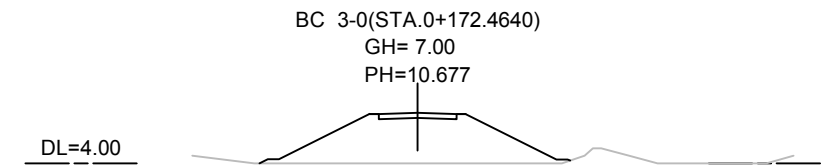
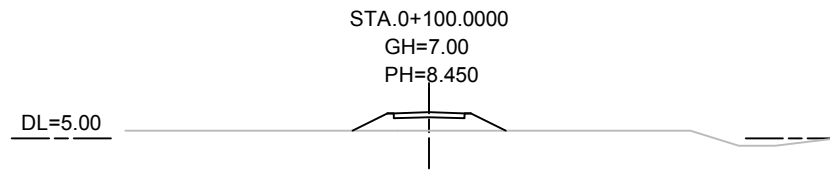
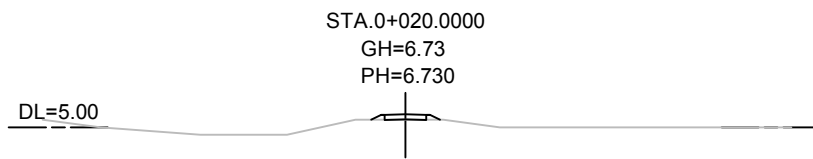
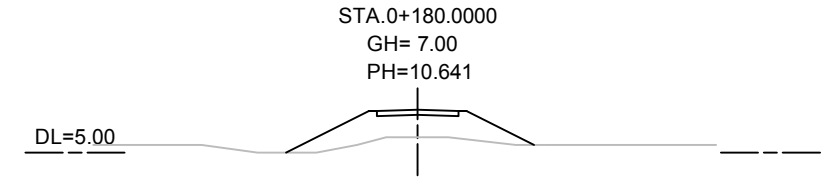
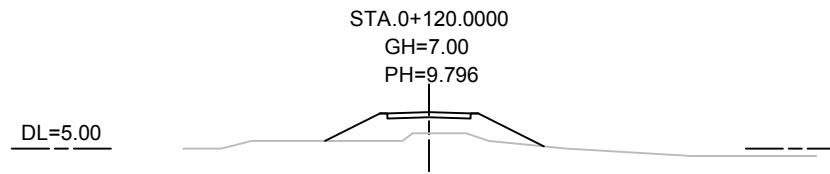
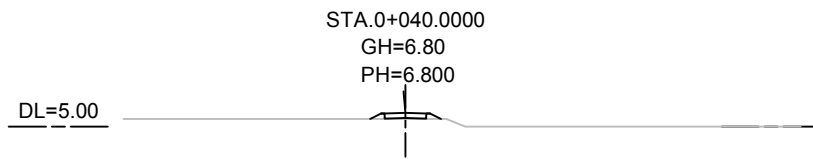
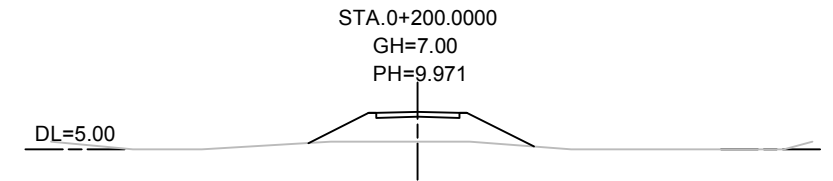
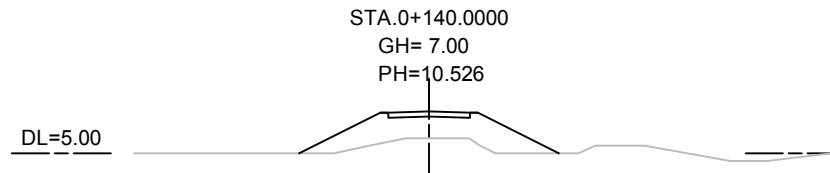
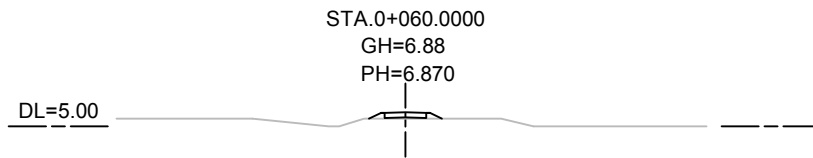
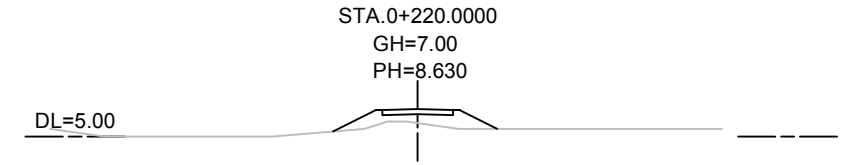
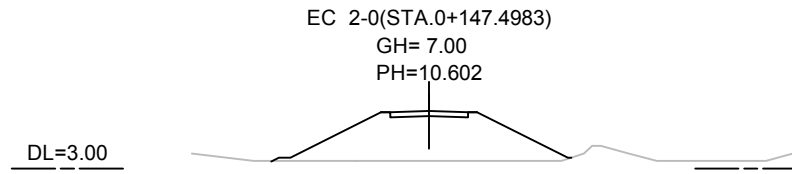
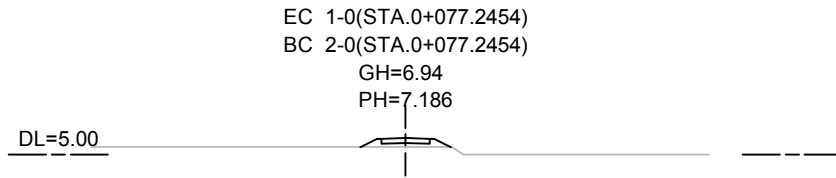
PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

GENERAL VIEW OF TELIPOOL BRIDGE

DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DWG. NO.	B2/GV-01

# CROSS SECTION(1)

Scale 1:1000



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT(RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
PADECO CO.,LTD



No

REVISION

DATE

PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

Cross Section(1)  
Telipool Bridge(B2; R-151\_4a)

DESIGNED BY:

CHECKED BY:

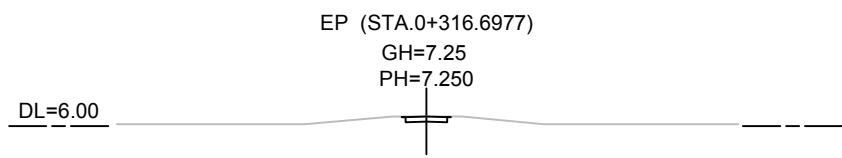
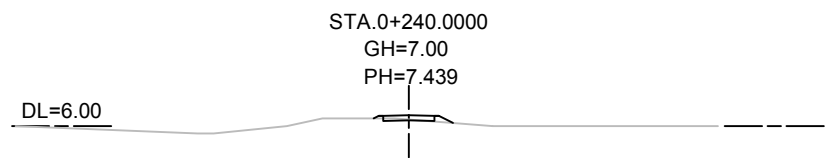
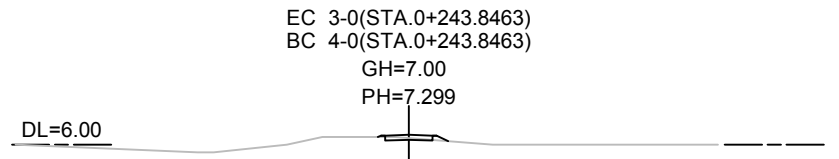
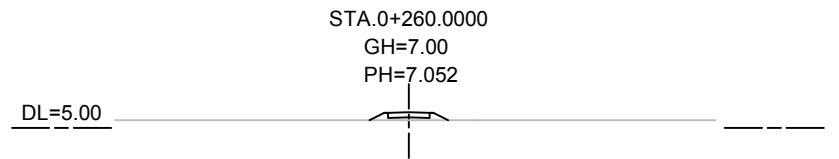
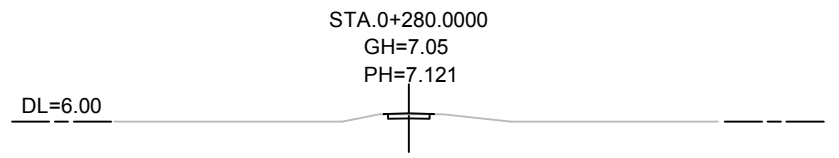
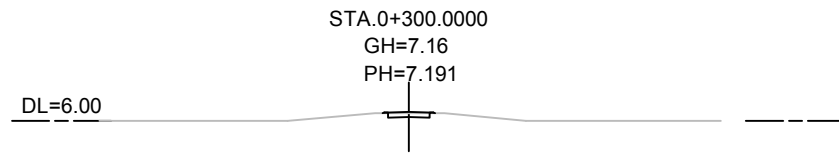
APPROVED BY:

DWG. NO.

B2/CS-01

# CROSS SECTION(2)

Scale 1:1000



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT(RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
PADECO CO.,LTD



No

REVISION

DATE

PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

Cross Section(2)  
Telipool Bridge(B2; R-151\_4a)

DESIGNED BY:

CHECKED BY:

APPROVED BY:

DWG. NO.

B2/CS-02

# PLAN

Scale 1:1000

BP  
STA 0+18.793

F-351350  
N-25369950

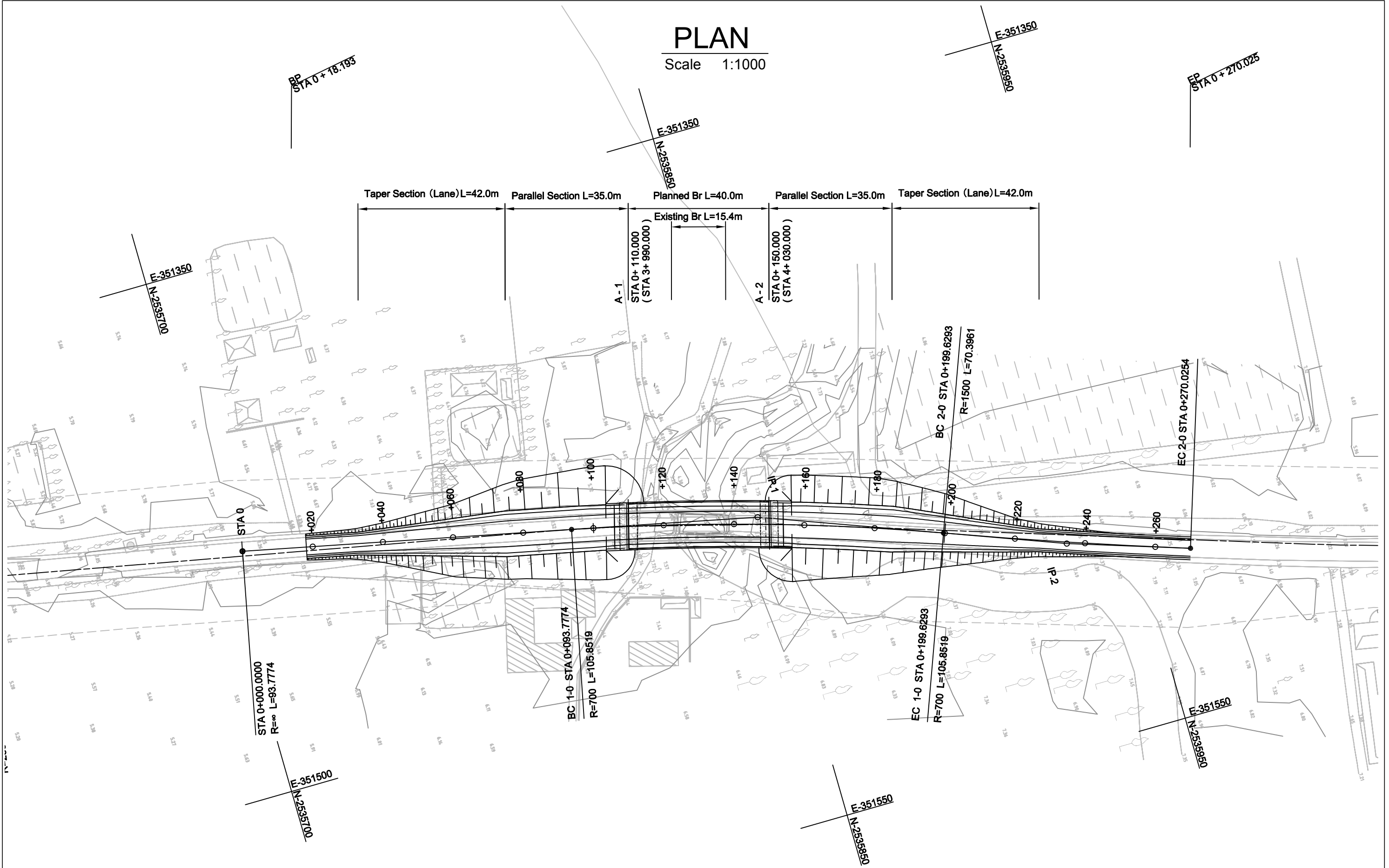
EP  
STA 0+270.025

Taper Section (Lane) L=42.0m    Parallel Section L=35.0m    Planned Br L=40.0m    Parallel Section L=35.0m    Taper Section (Lane) L=42.0m

Existing Br L=15.4m

A-1  
STA 0+110.000  
(STA 3+990.000)

A-2  
STA 0+150.000  
(STA 4+030.000)



STA 0+000.0000  
R=∞ L=93.7774

BC 1-0 STA 0+093.7774  
R=700 L=105.8519

EC 1-0 STA 0+199.6293  
R=700 L=105.8519

BC 2-0 STA 0+199.6293  
R=1500 L=70.3961

EC 2-0 STA 0+270.0254

E-351500  
N-25369950

E-351550  
N-25369950

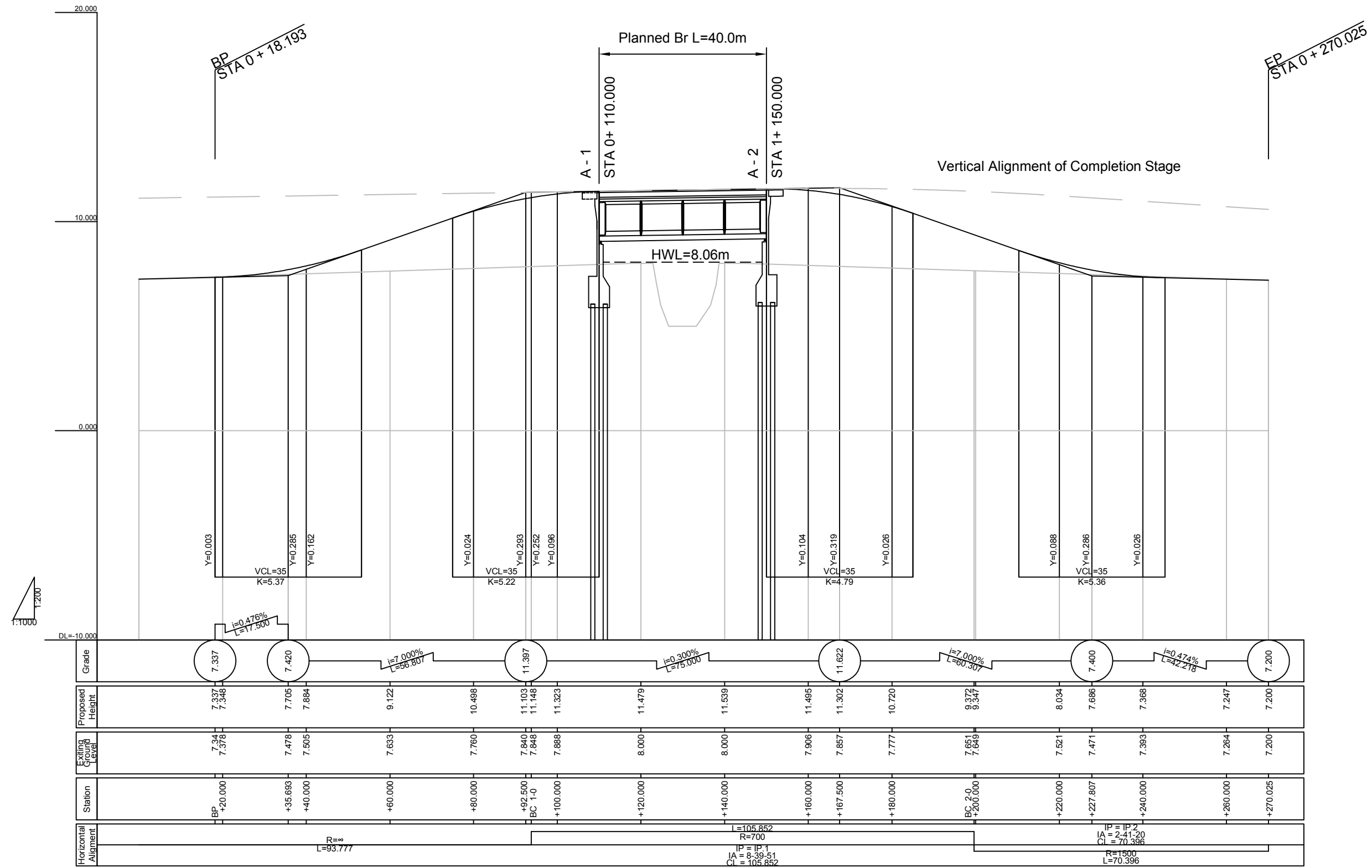
E-351550  
N-25369950

Note: Station with parentheses shows the one in Completion Stage.  
Dot line shows the centerline in Completion Stage.

 MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB) PEOPLE'S REPUBLIC OF BANGLADESH ROADS & HIGHWAYS DEPARTMENT(RHD)	 JAPAN INTERNATIONAL COOPERATION AGENCY  ORIENTAL CONSULTANTS GLOBAL CO., LTD. PADECO CO.,LTD	No      REVISION      DATE	PREPARATORY SURVEY ON THE CROSS-BORDER ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)		DESIGNED BY:
			Plan Lakshmi Chara Bridge(B3; R-151_4c)		CHECKED BY:
			DWG. NO.	B3/PL-01	APPROVED BY:

# PROFILE

Scale H 1:1000  
V 1:200



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT(RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
PADECO CO.,LTD

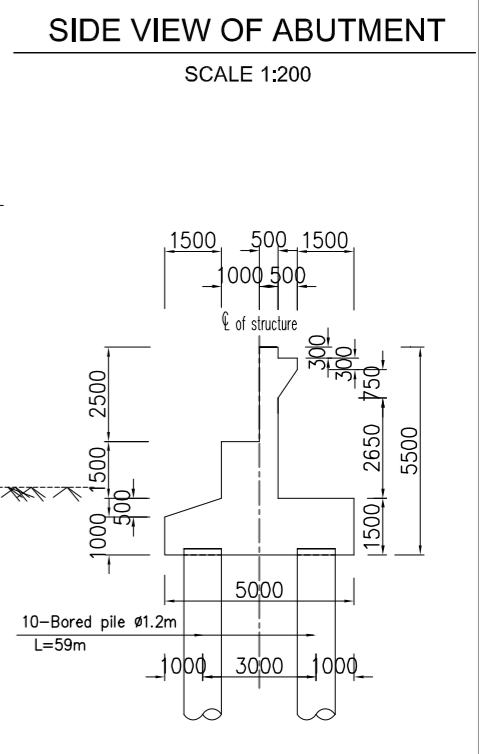
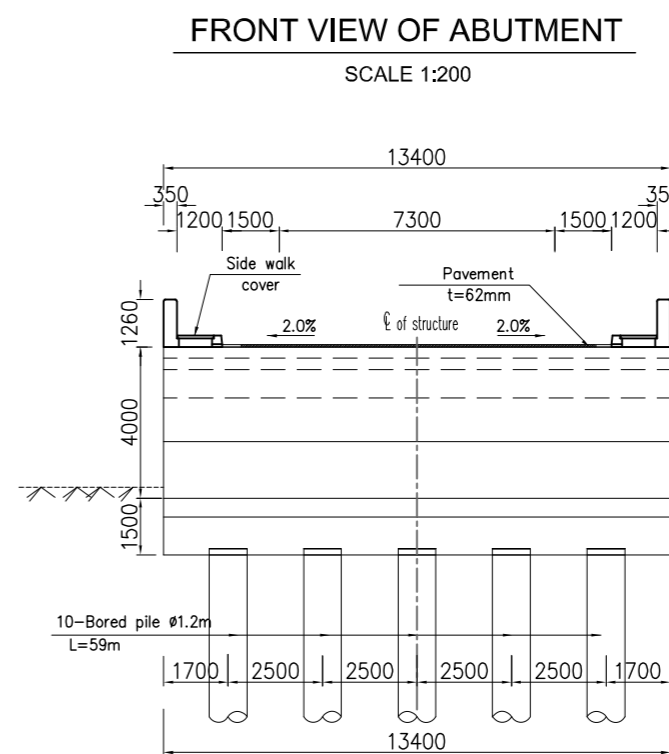
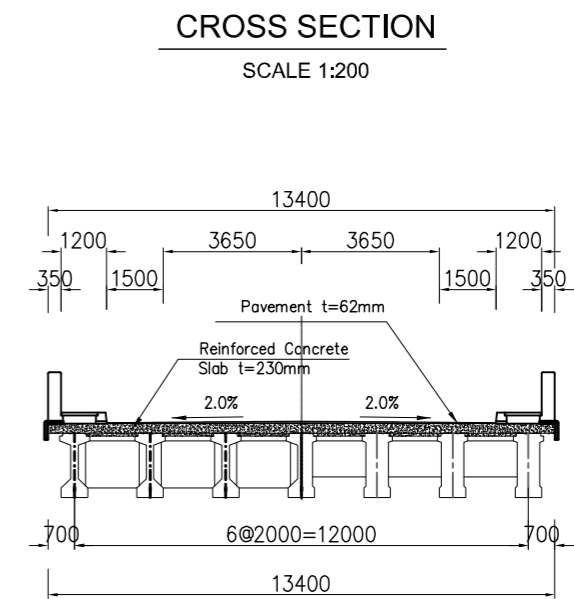
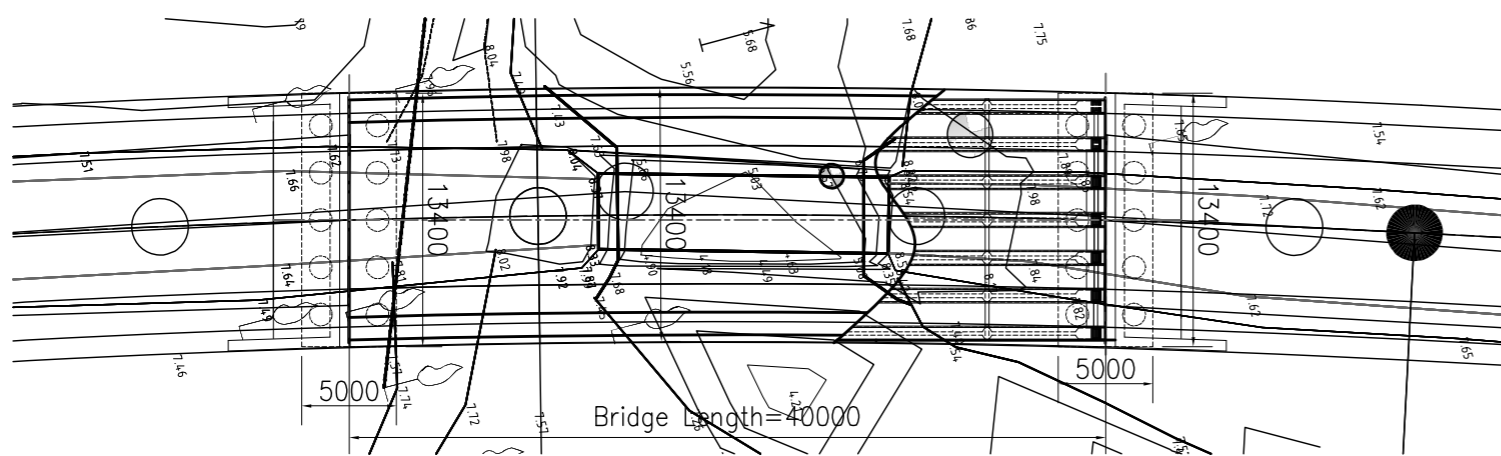
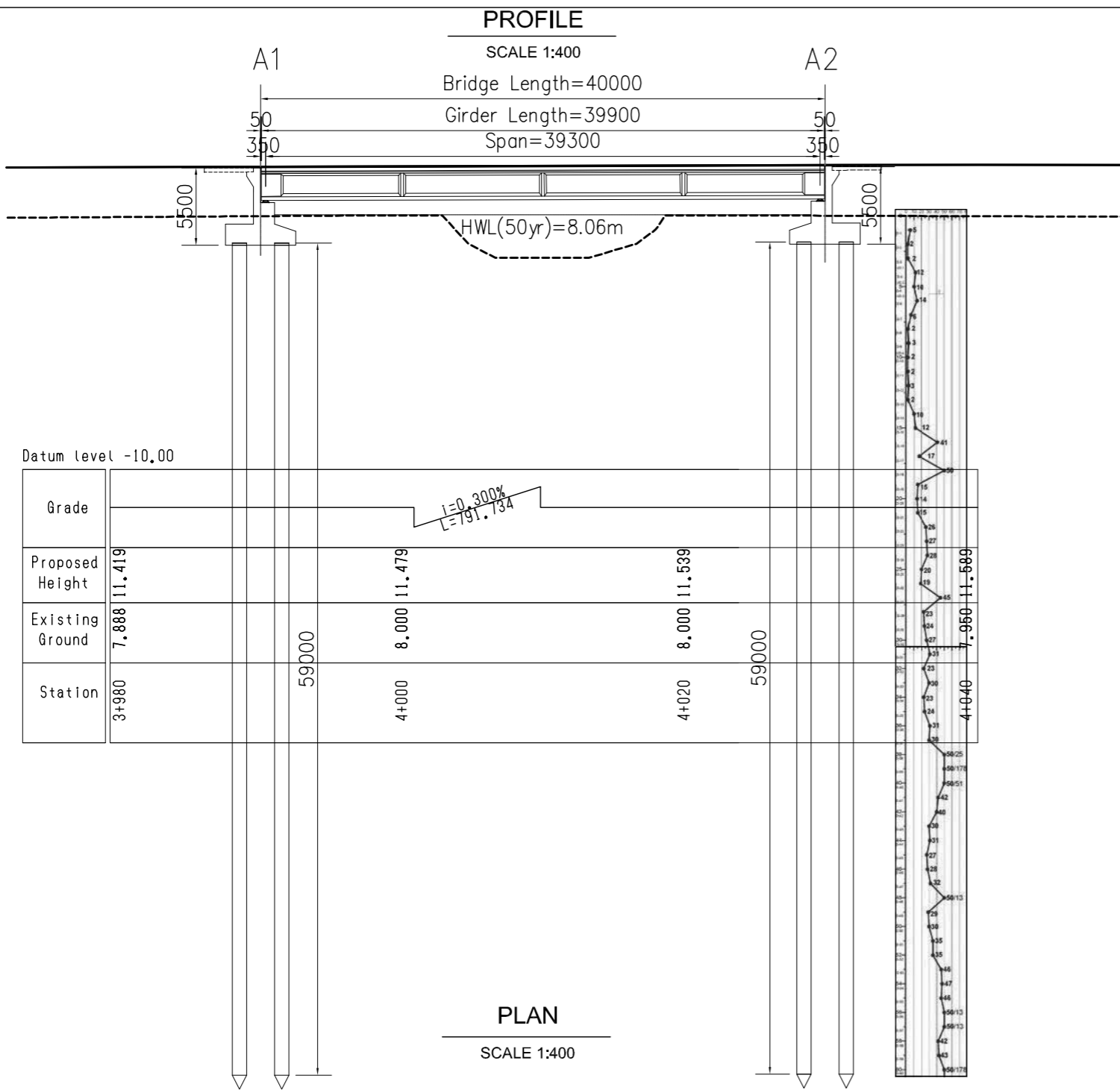


No REVISION DATE

PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

Profile  
Lakshmi Chara Bridge(B3; R-151\_4c)

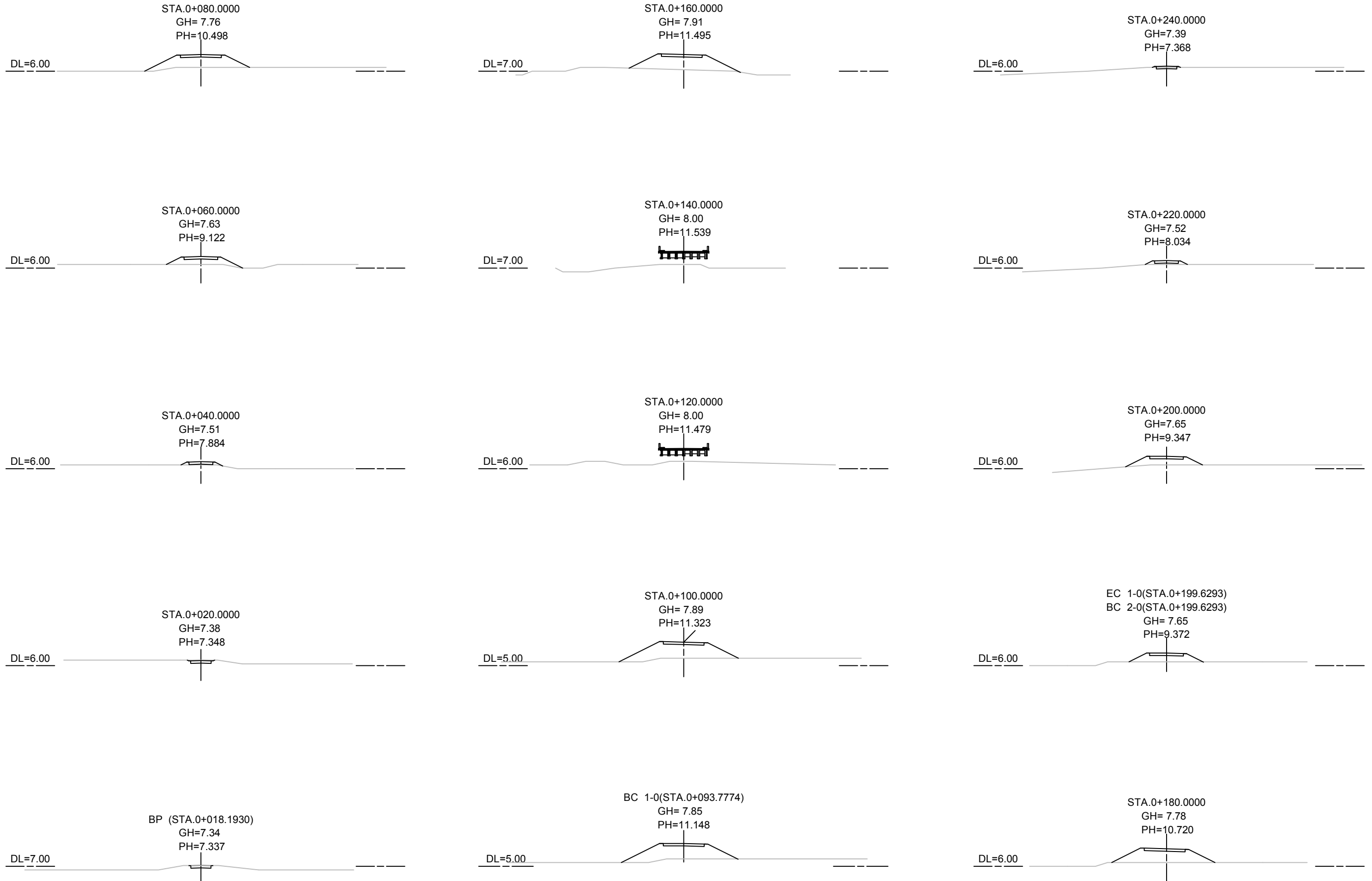
DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DWG. NO.	B3/PR-01





# CROSS SECTION(1)

Scale 1:1000



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT(RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
PADECO CO.,LTD



No	REVISION	DATE

PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

Cross Section(1)  
Lakshmi Chara Bridge(B3;R-151\_4c)

DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DWG. NO.	B3/CS-01

# CROSS SECTION(2)

Scale 1:1000

DL=7.00

STA.0+270.025  
GH=7.20  
PH=7.200



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT(RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
PADECO CO.,LTD



No

REVISION

DATE

PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

Cross Section(2)  
Lakshmi Chara Bridge(B3; R-151\_4c)

DESIGNED BY:

CHECKED BY:

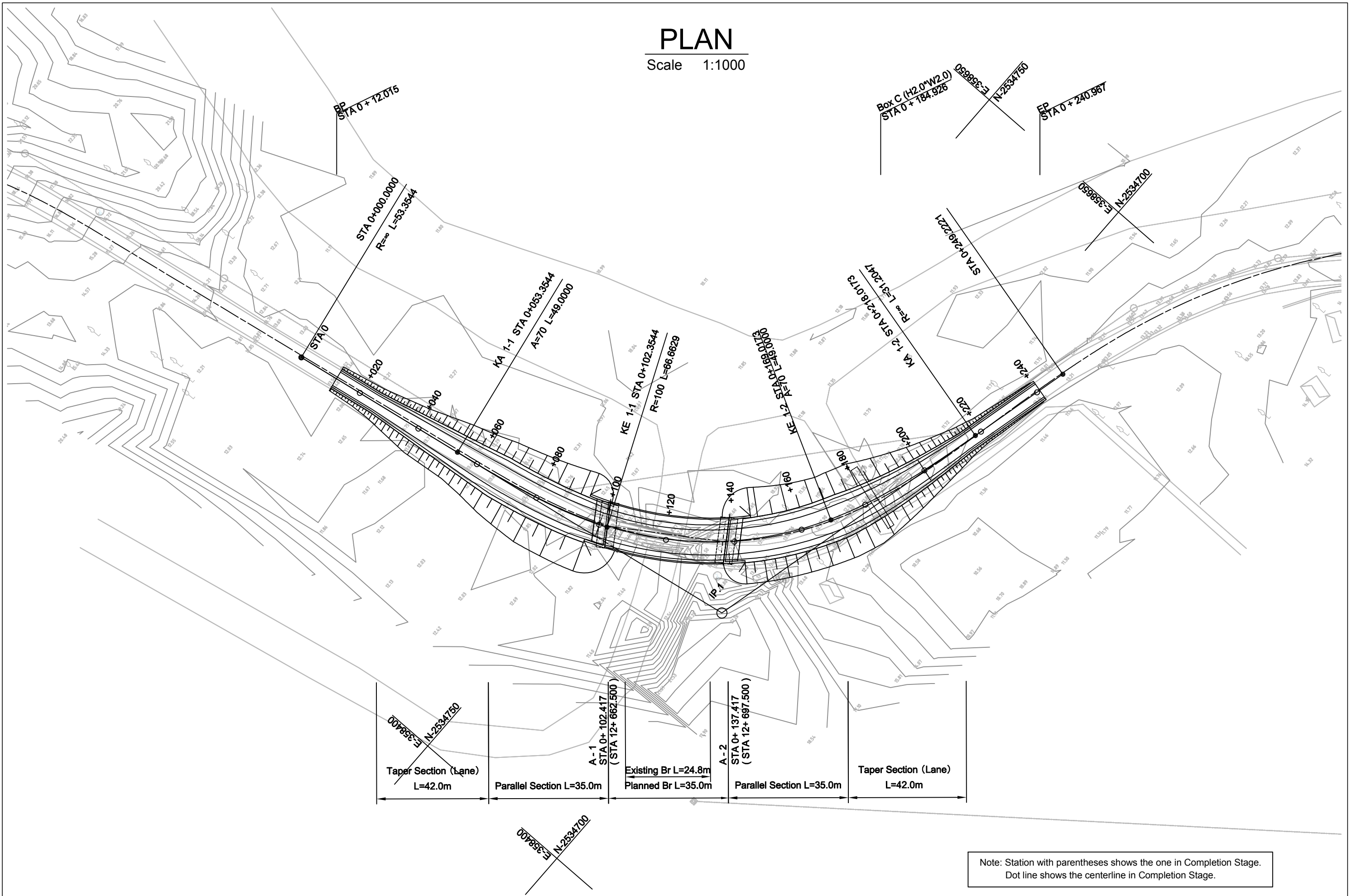
APPROVED BY:

DWG. NO.

B3/CS-02

# PLAN

Scale 1:1000

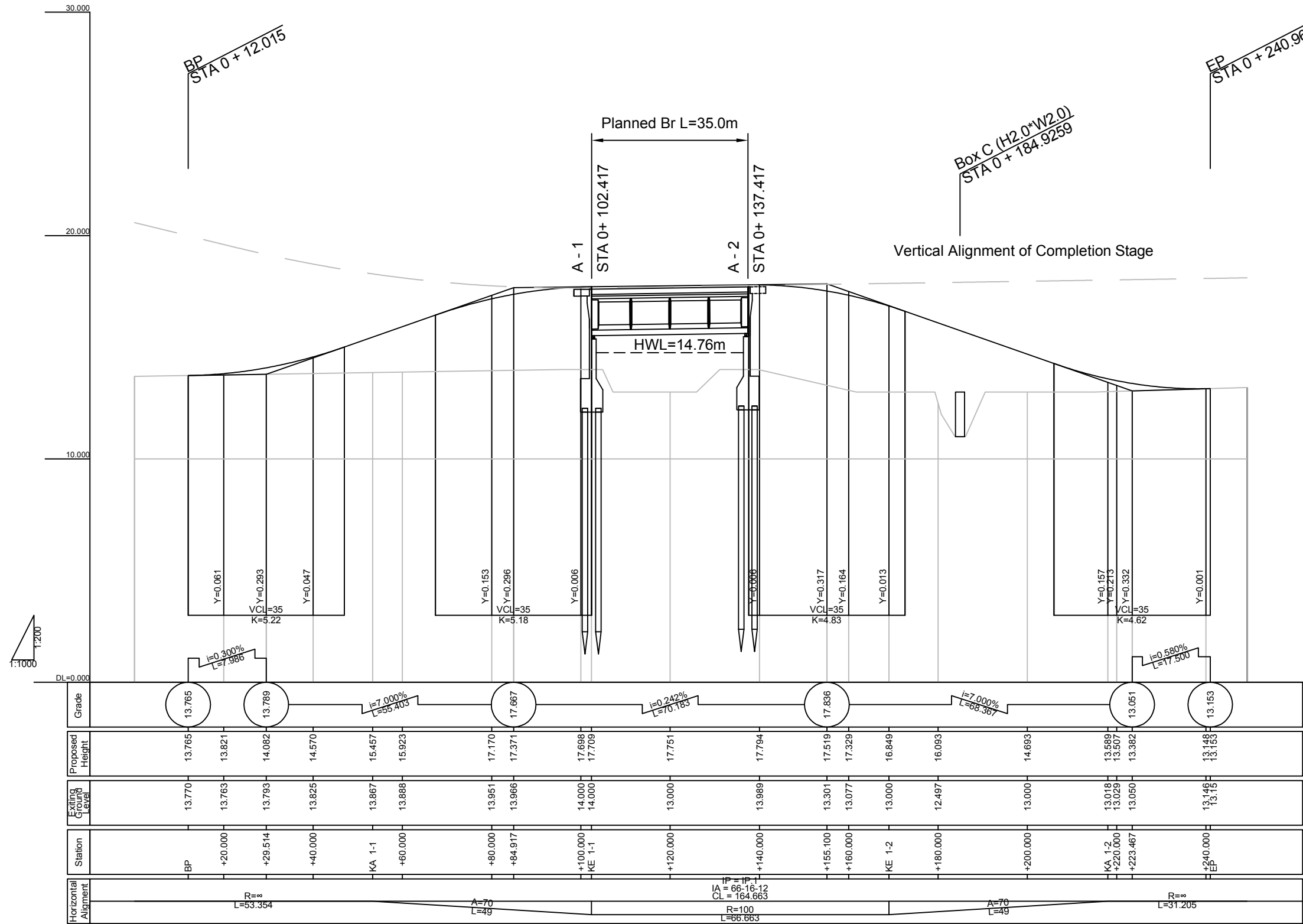


Note: Station with parentheses shows the one in Completion Stage.  
Dot line shows the centerline in Completion Stage.

MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB) PEOPLE'S REPUBLIC OF BANGLADESH ROADS & HIGHWAYS DEPARTMENT(RHD)	JAPAN INTERNATIONAL COOPERATION AGENCY  ORIENTAL CONSULTANTS GLOBAL CO., LTD. PADECO CO.,LTD	No      REVISION      DATE	PREPARATORY SURVEY ON THE CROSS-BORDER ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)		DESIGNED BY:
			Plan Kalapani Bridge-2(B9; R-151_14a)		CHECKED BY:
			DWG. NO.	B9/PL-01	APPROVED BY:

# PROFILE

Scale H 1:1000  
V 1:200



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT(RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
PADECO CO.,LTD



No	REVISION	DATE
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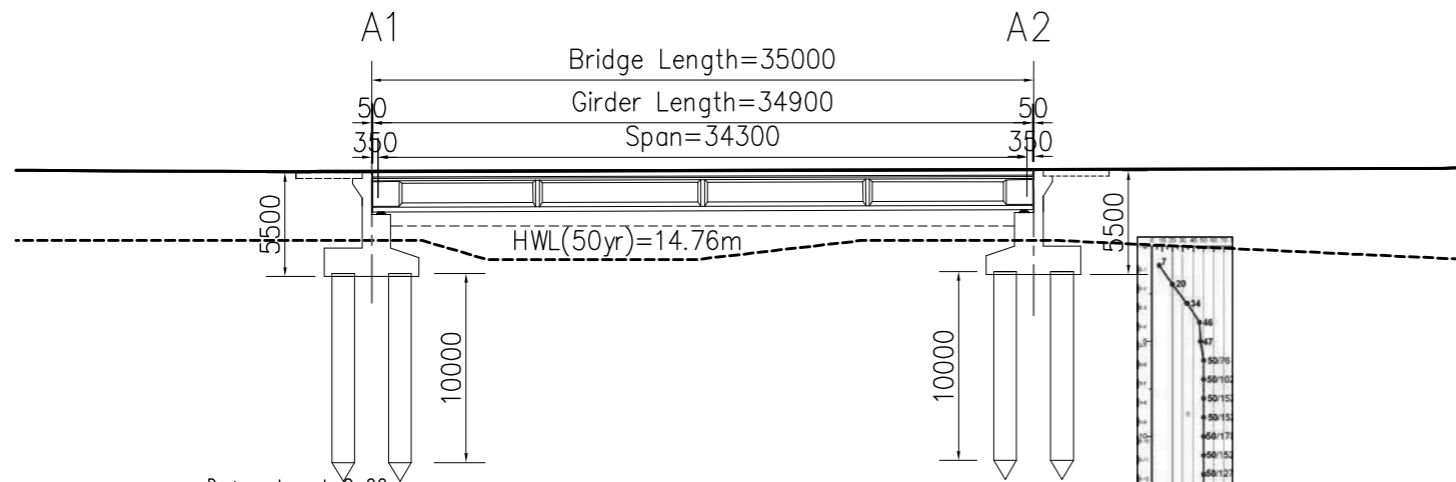
PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

Profile  
Kalapani Bridge-2(B9; R-151\_14a)

DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DWG. NO.	B9/PR-01

**PROFILE**

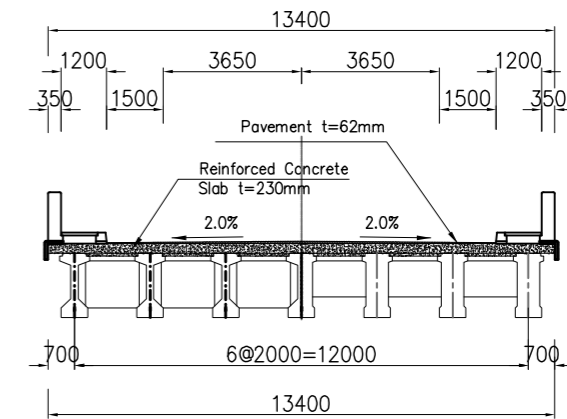
SCALE 1:400



Grade	1=0.300% L=197.000	
Proposed Height	17.654	17.713
Existing Ground	14.000	13.034
Station	12+660	12+700

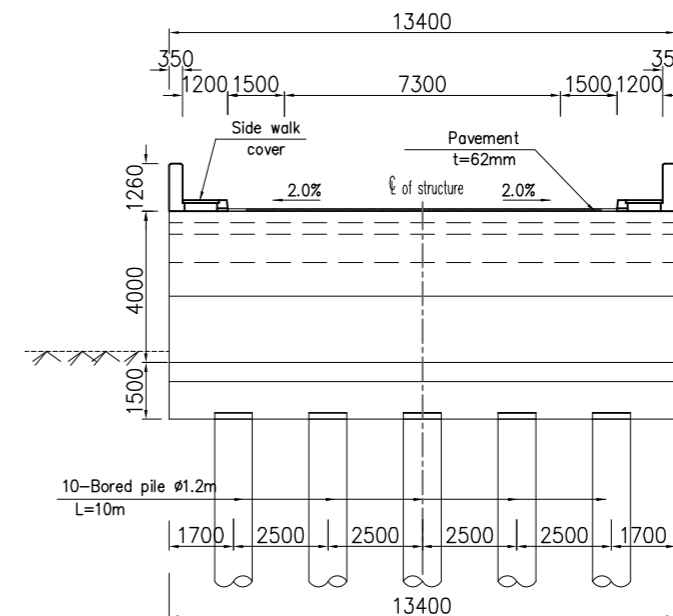
**CROSS SECTION**

SCALE 1:200



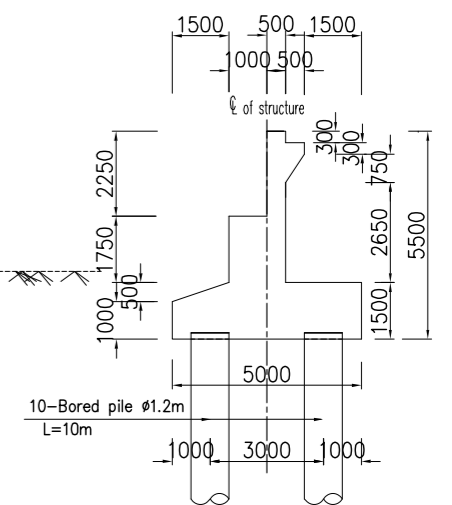
**FRONT VIEW OF ABUTMENT**

SCALE 1:200



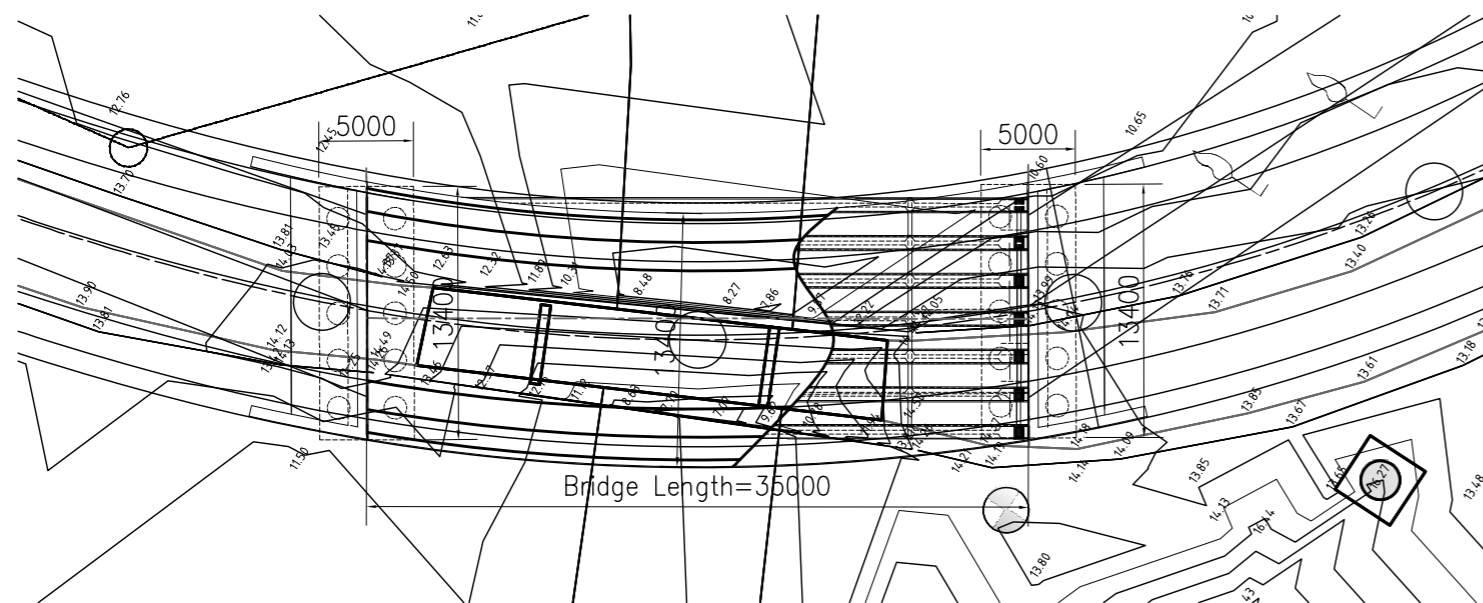
**SIDE VIEW OF ABUTMENT**

SCALE 1:200



**PLAN**

SCALE 1:400



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT (RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
PADECO CO., LTD



No	REVISION	DATE

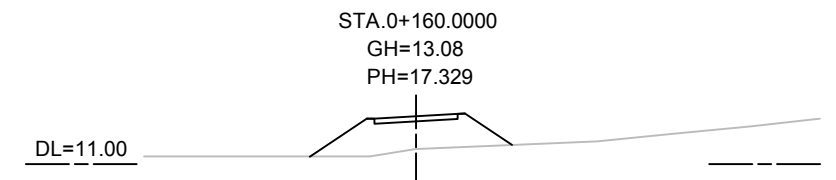
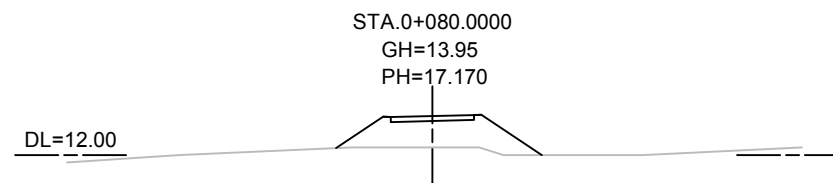
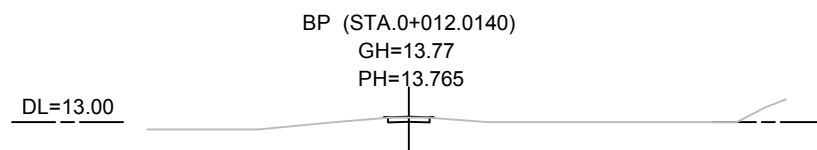
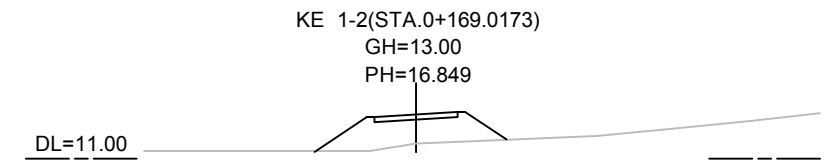
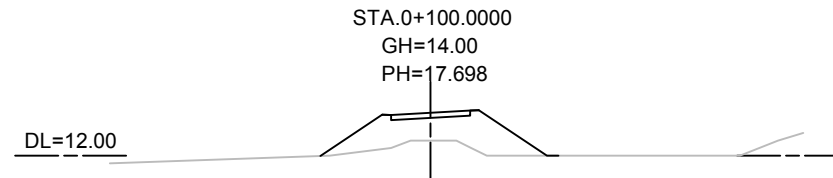
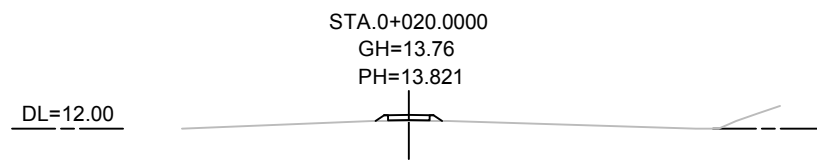
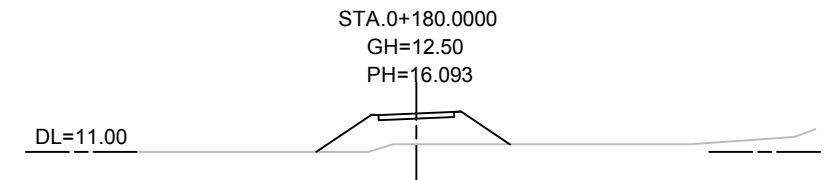
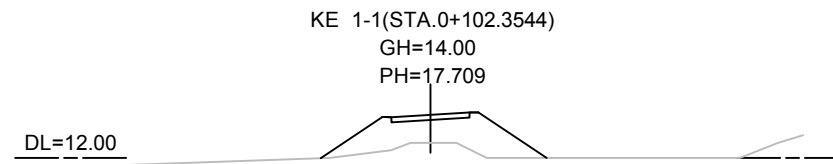
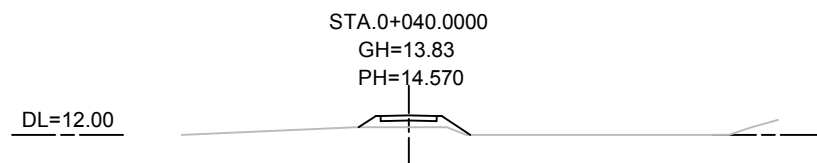
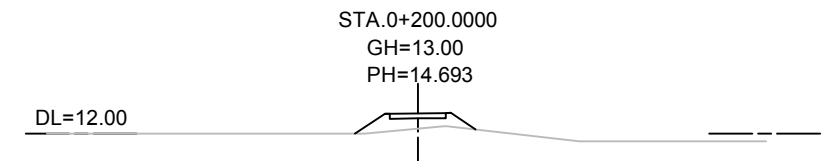
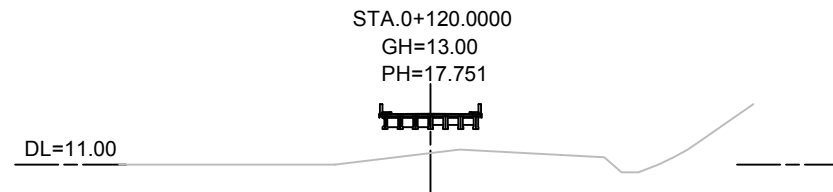
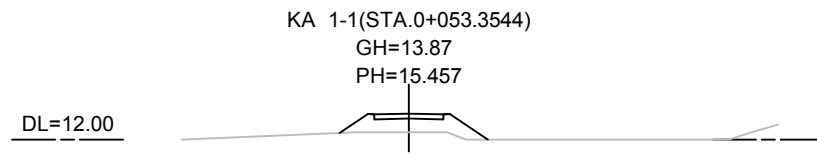
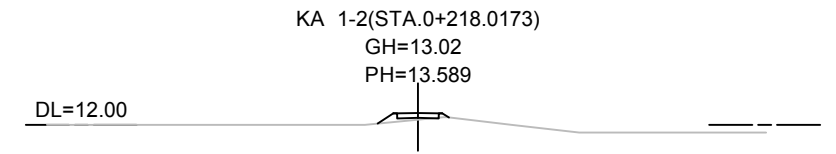
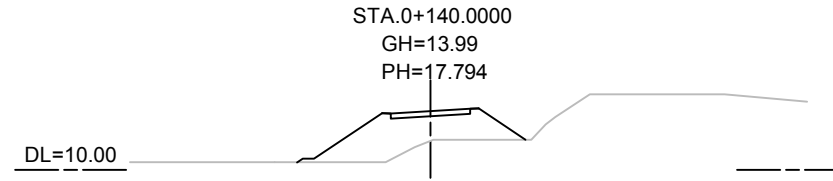
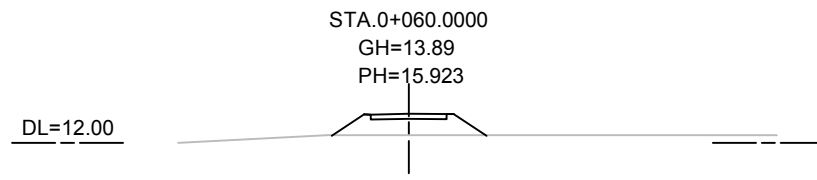
PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

GENERAL VIEW OF KALAPANI BRIDGE

DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DWG. NO.	B9/GV-01

# CROSS SECTION(1)

Scale 1:1000



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT(RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
PADECO CO.,LTD



No

REVISION

DATE

PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

Cross Section(1)  
Kalapani Bridge-2(B9; R-151\_14a)

DESIGNED BY:

CHECKED BY:

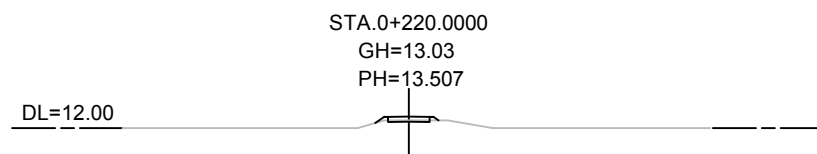
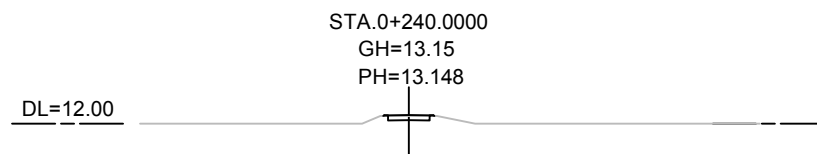
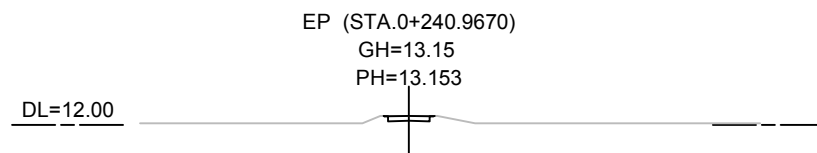
APPROVED BY:

DWG. NO.

B9/CS-01

# CROSS SECTION(2)

Scale 1:1000



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT(RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
PADECO CO.,LTD



No	REVISION	DATE

PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

Cross Section(2)  
Kalapani Bridge-2(B9; R-151\_14a)

DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DWG. NO.	B9/CS-02

# PLAN

Scale 1:1000

Taper Section (Lane) L=42.0m Parallel Section L=35.0m Planned Br L=55.0m Parallel Section L=35.0m Taper Section (Lane) L=42.0m

Existing Br L=36.8m

A-1  
STA 0+108.000  
(STA 14+ 532.500)

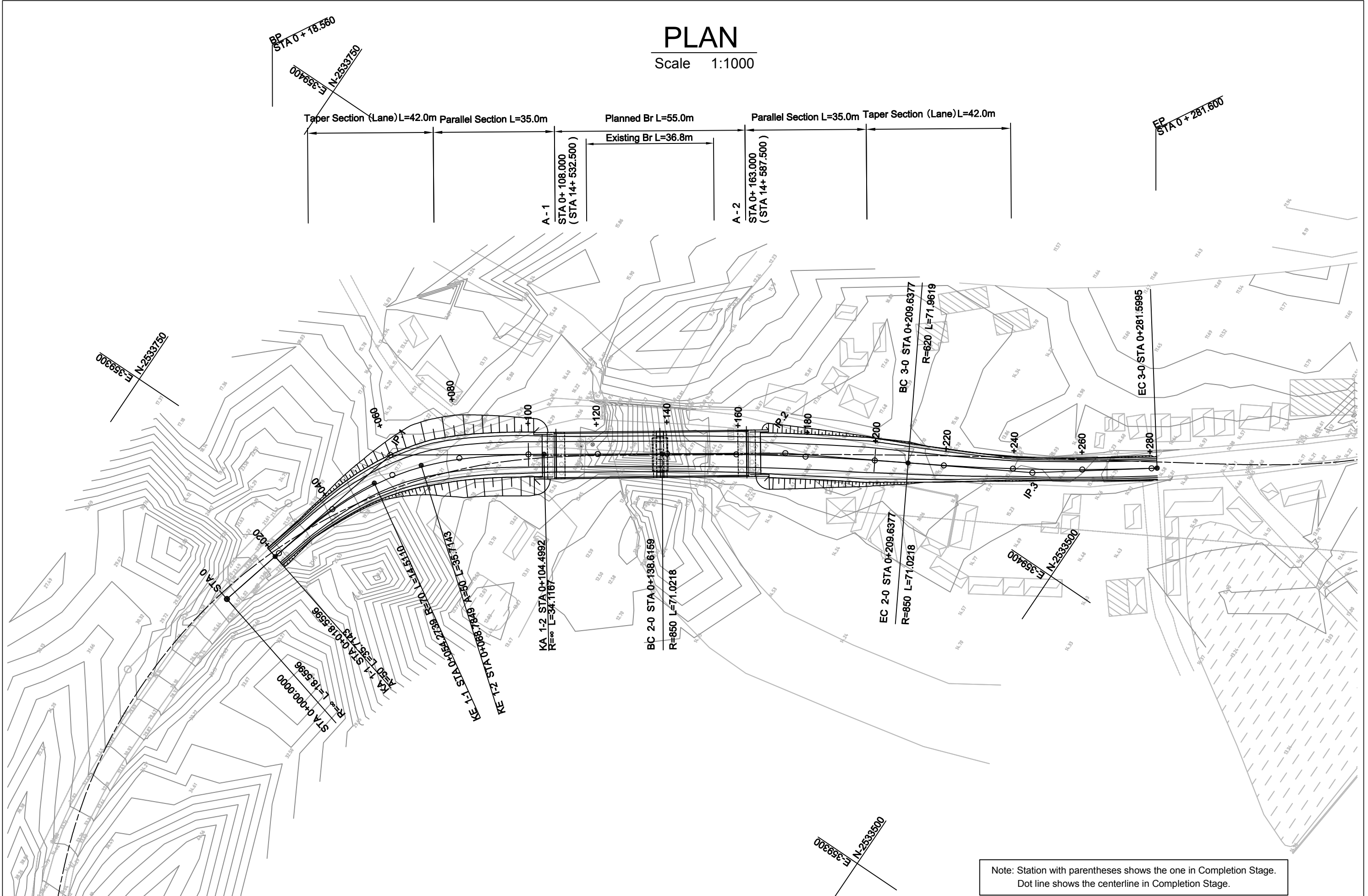
A-2  
STA 0+163.000  
(STA 14+ 587.500)

EP  
STA 0+281.600

BP  
STA 0+18.560  
E-359400 N-2533750

E-359300 N-2533750

E-359300 N-2533500



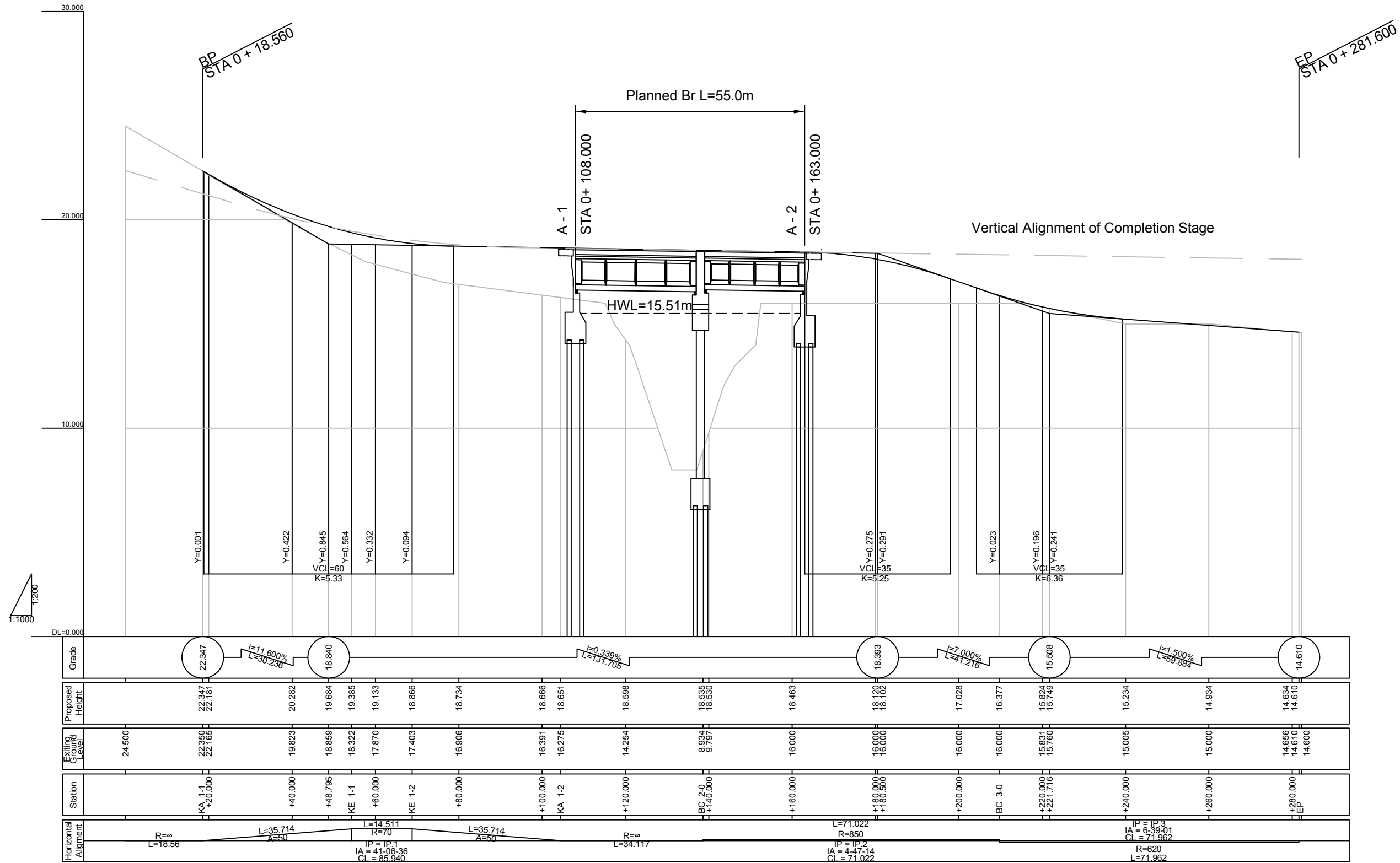
Note: Station with parentheses shows the one in Completion Stage.  
Dot line shows the centerline in Completion Stage.

MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB) PEOPLE'S REPUBLIC OF BANGLADESH ROADS & HIGHWAYS DEPARTMENT(RHD)	JAPAN INTERNATIONAL COOPERATION AGENCY  ORIENTAL CONSULTANTS GLOBAL CO., LTD. PADECO CO.,LTD	No	REVISION	DATE	PREPARATORY SURVEY ON THE CROSS-BORDER ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)  Plan Koilabazar Bridge(B12; R-151_16a)	DESIGNED BY:	
						CHECKED BY:	
						APPROVED BY:	
						DWG. NO.	B12/PL-01



# PROFILE

Scale H 1:1000  
V 1:200



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT (RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
PADECO CO., LTD



No REVISION DATE

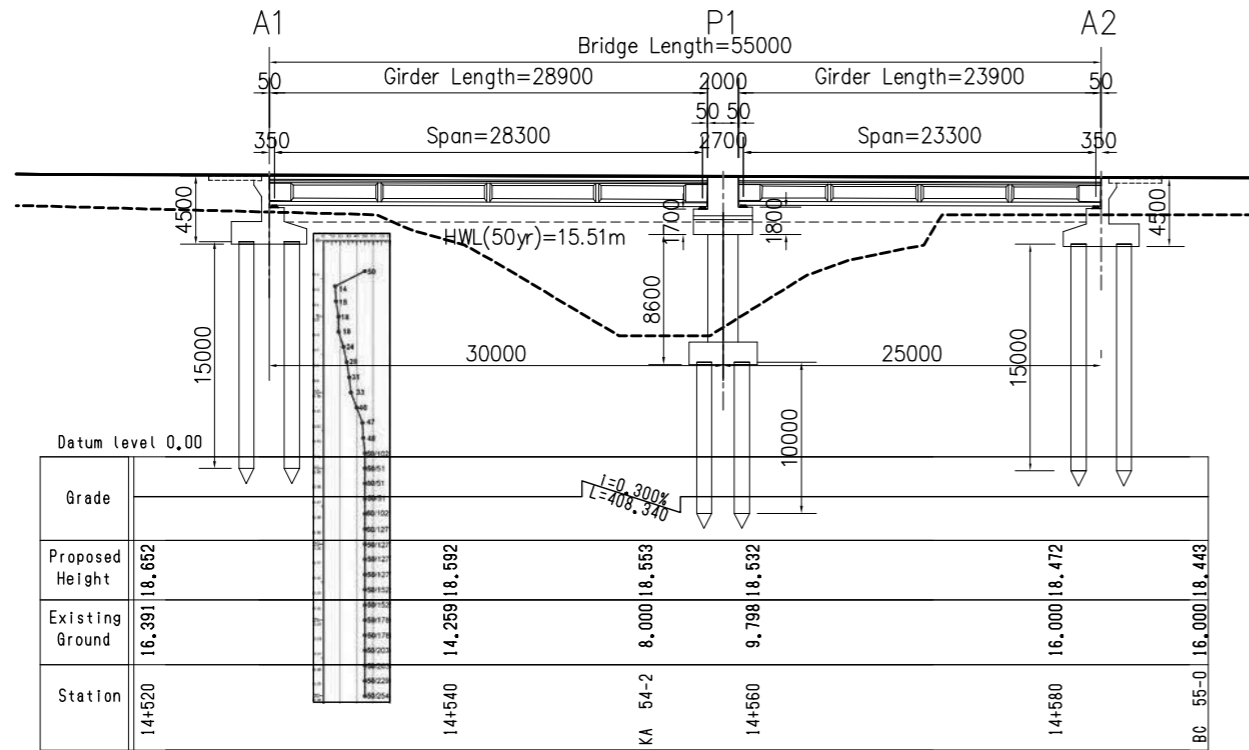
PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

Profile  
Koilabazar Bridge (B12; R-151\_16a)

DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DWG. NO.	B12/PR-01

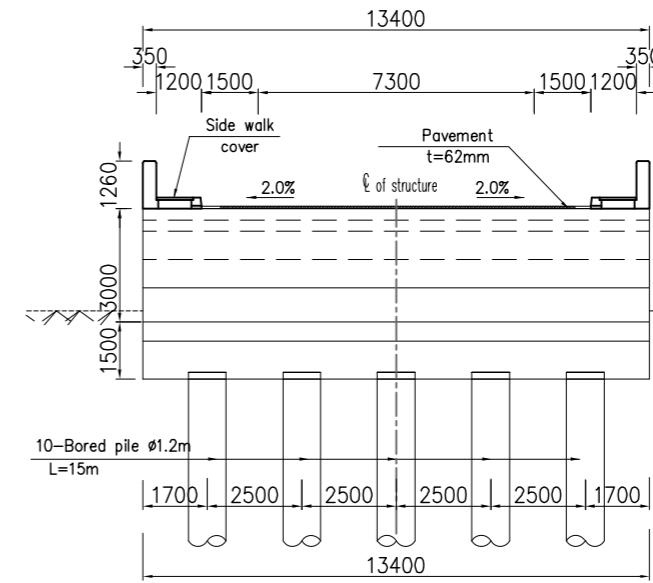
**PROFILE**

SCALE 1:500



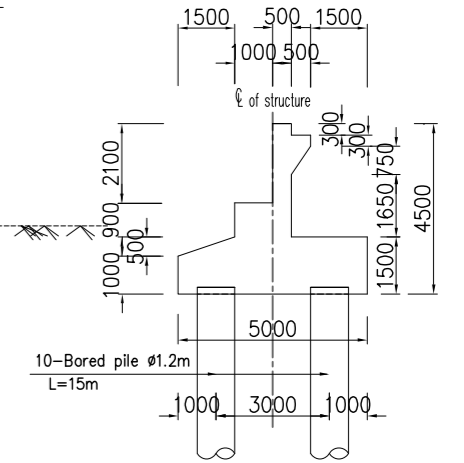
**FRONT VIEW OF ABUTMENT**

SCALE 1:200



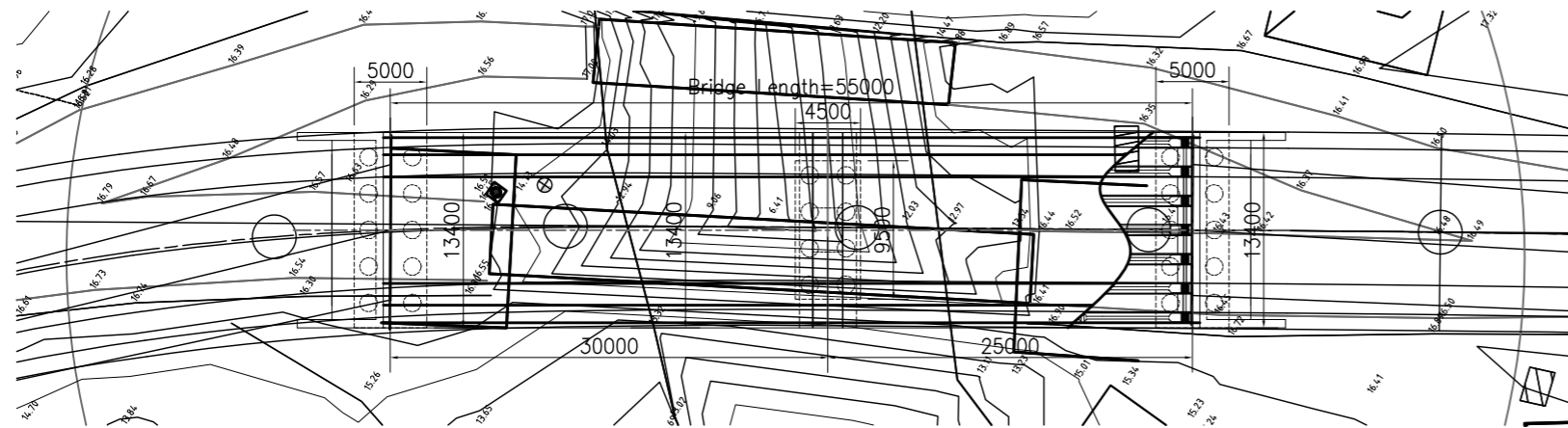
**SIDE VIEW OF ABUTMENT**

SCALE 1:200



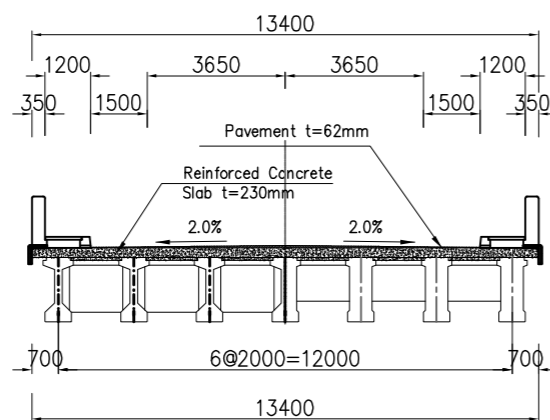
**PLAN**

SCALE 1:500



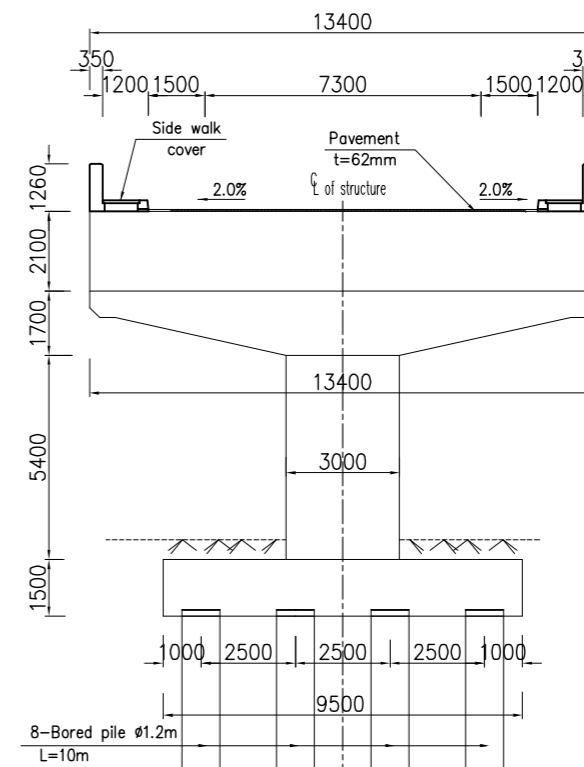
**CROSS SECTION**

SCALE 1:200



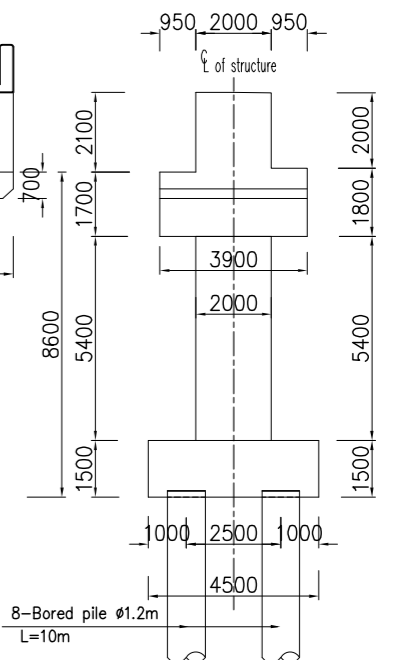
**FRONT VIEW OF PIER**

SCALE 1:200



**SIDE VIEW OF PIER**

SCALE 1:200



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT (RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
PADECO CO., LTD



No	REVISION	DATE

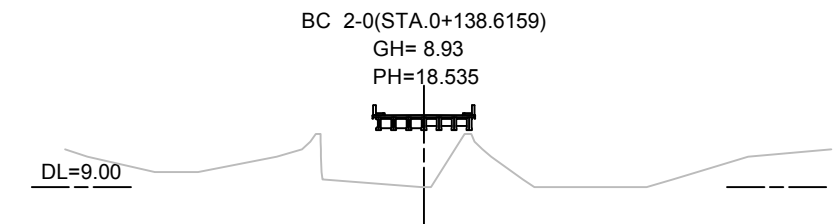
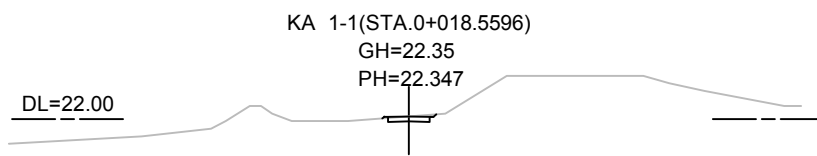
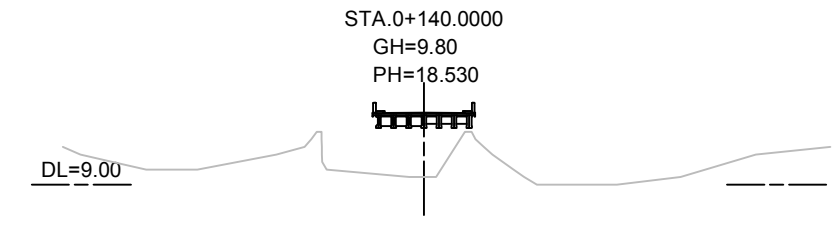
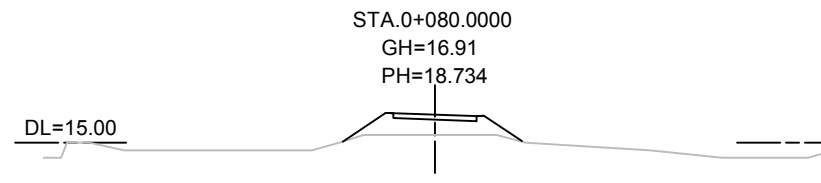
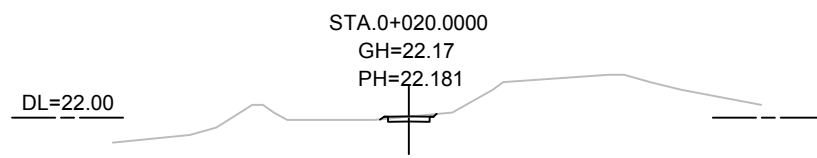
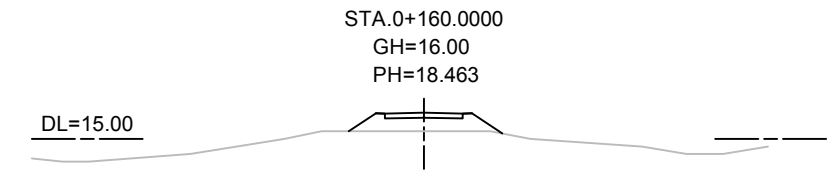
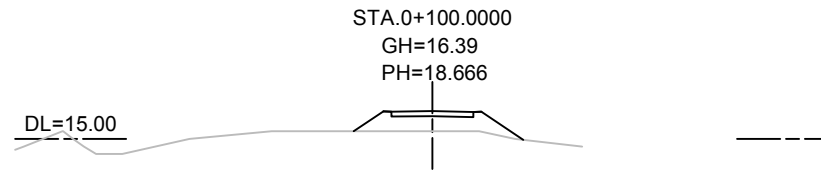
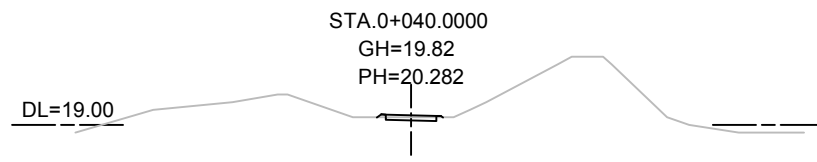
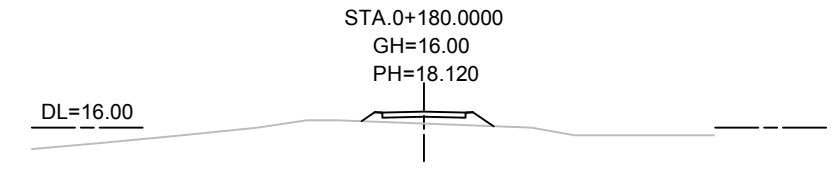
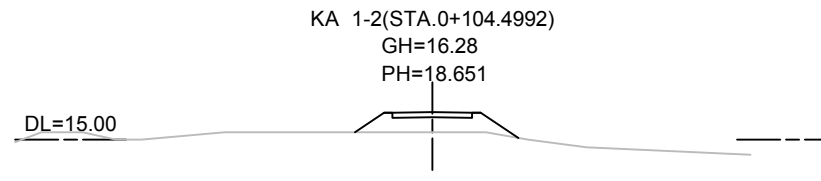
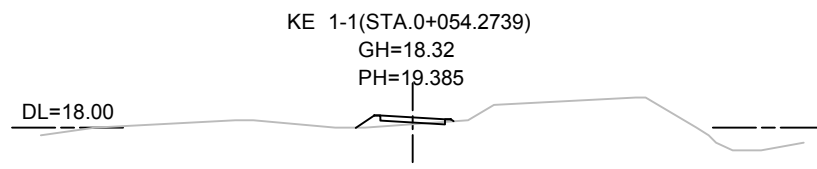
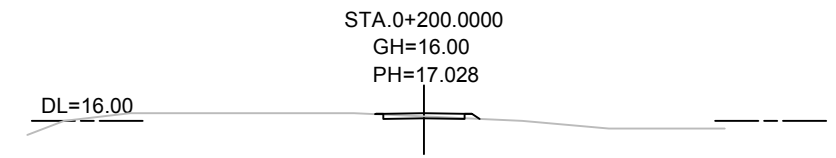
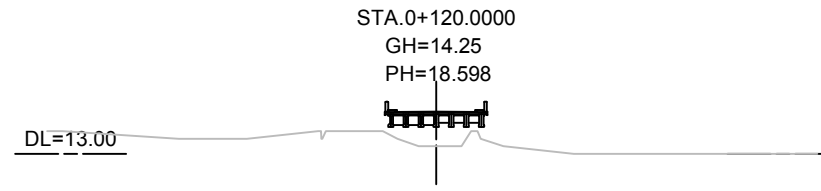
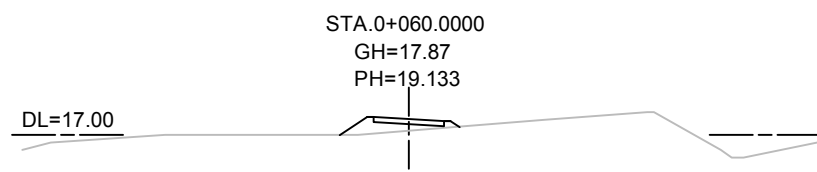
PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

GENERAL VIEW OF KOILABAZAR BRIDGE

DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DWG. NO.	B12/GV-01

# CROSS SECTION ( 1 )

Scale 1:1000



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT(RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
PADECO CO.,LTD



No	REVISION	DATE
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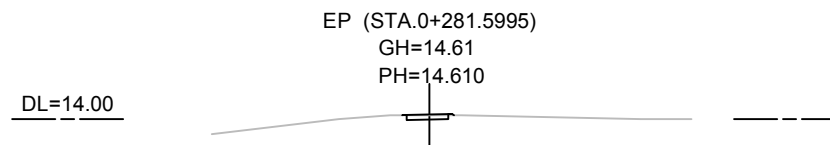
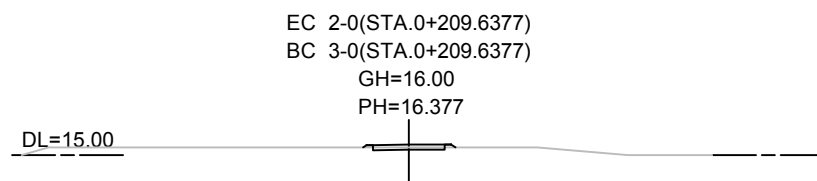
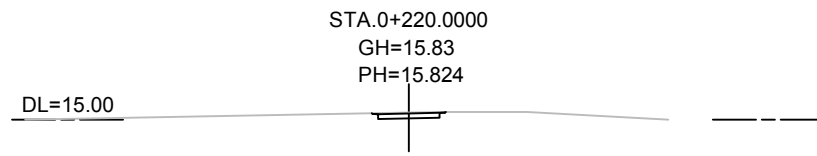
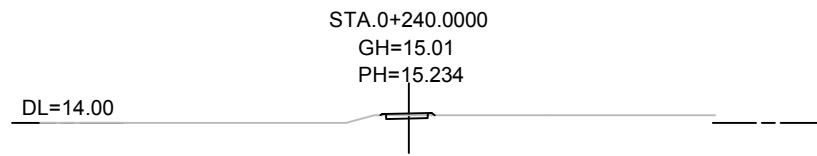
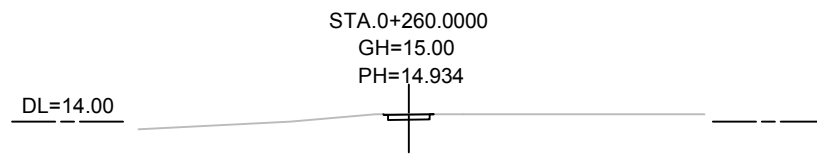
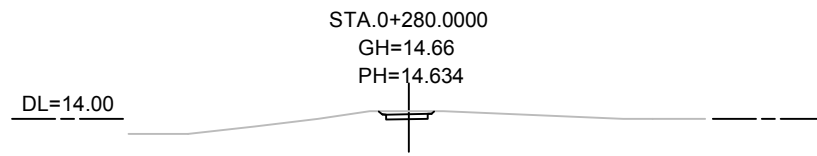
PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

Cross Section( 1 )  
Koilabazar Bridge(B12; R-151\_16a)

DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DWG. NO.	B12/CS-01

# CROSS SECTION ( 2 )

Scale 1:1000



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT(RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
PADECO CO.,LTD



No

REVISION

DATE

PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

Cross Section( 2 )  
Koilabazar Bridge(B12; R-151\_16a)

DESIGNED BY:

CHECKED BY:

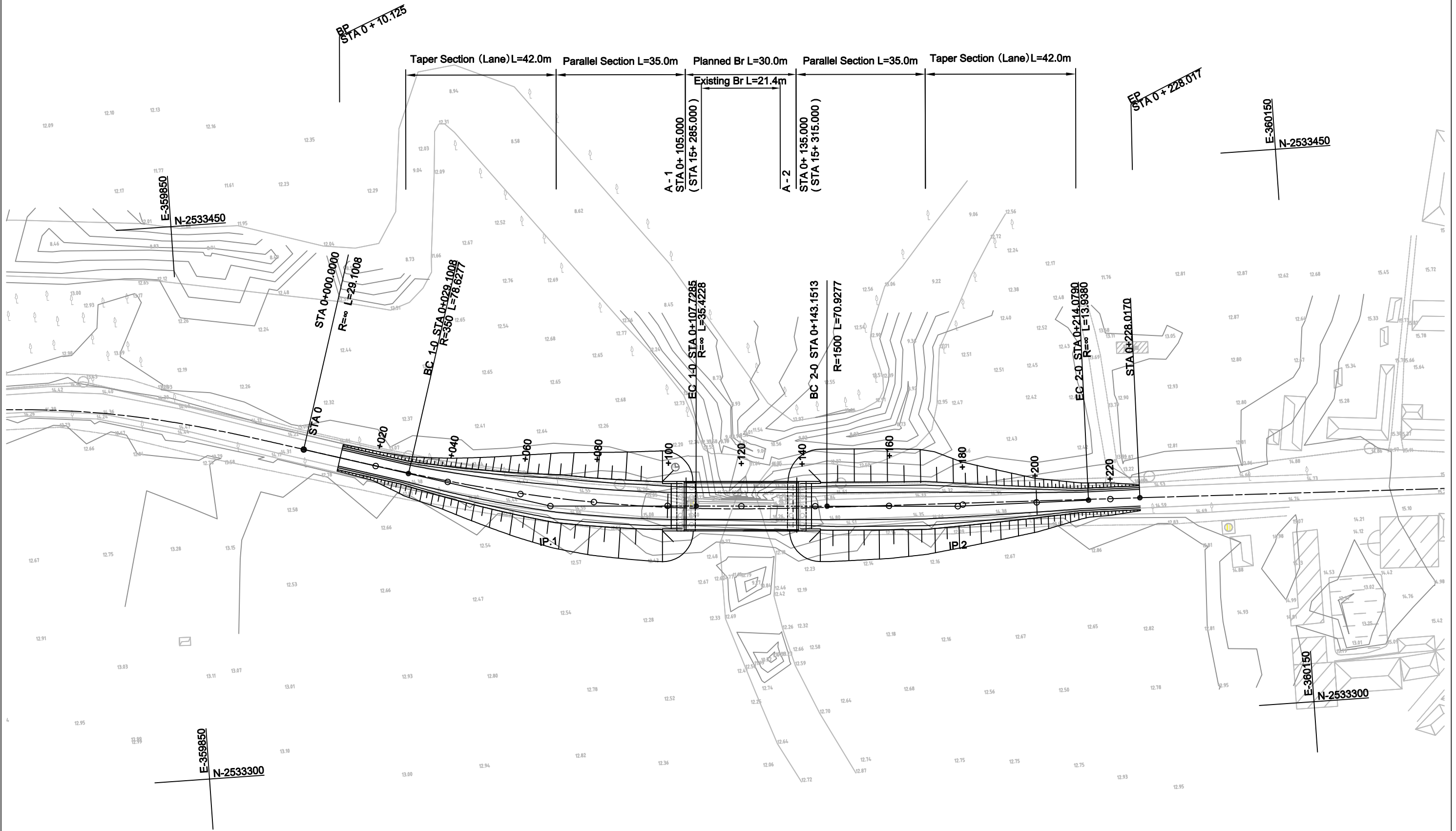
APPROVED BY:

DWG. NO.

B12/CS-02

# PLAN

Scale 1:1000

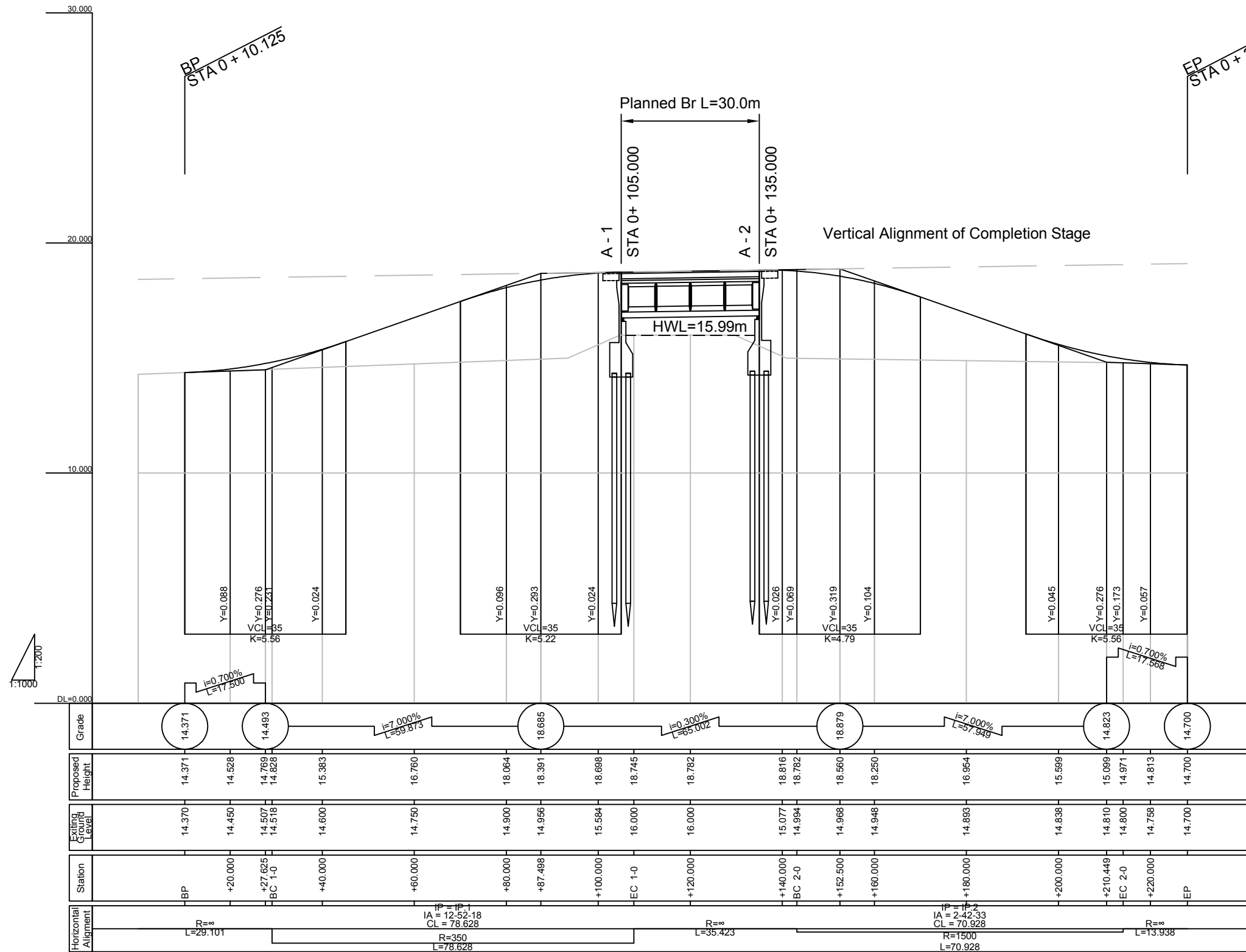


Note: Station with parentheses shows the one in Completion Stage.  
Dot line shows the centerline in Completion Stage.

 MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB) PEOPLE'S REPUBLIC OF BANGLADESH ROADS & HIGHWAYS DEPARTMENT(RHD)	 JAPAN INTERNATIONAL COOPERATION AGENCY  ORIENTAL CONSULTANTS GLOBAL CO., LTD. PADECO CO.,LTD	 PADECO CO.,LTD	PREPARATORY SURVEY ON THE CROSS-BORDER ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)		DESIGNED BY:
			Plan Balutlia Bridge(B13; R-151_16c)		CHECKED BY:
No			REVISION	DATE	APPROVED BY:
					DWG. NO. B13/PL-01

# PROFILE

Scale H 1:1000  
V 1:200



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT (RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
PADECO CO., LTD



No REVISION DATE

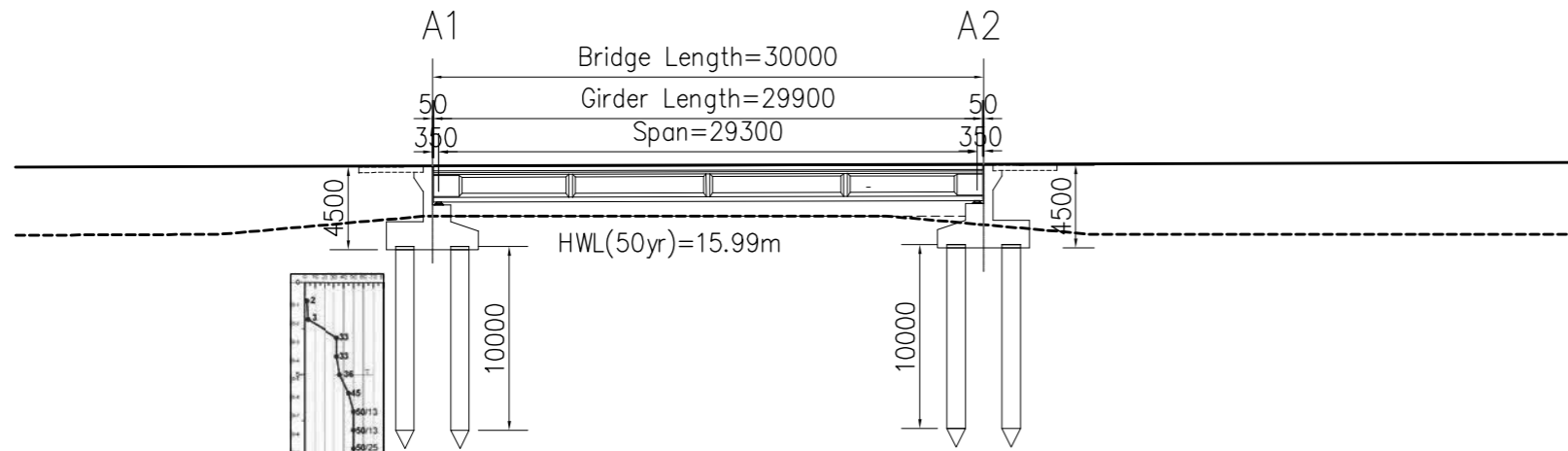
PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

Profile  
Balutilla Bridge(B13; R-151\_16c)

DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DWG. NO.	B13/PR-01

**PROFILE**

SCALE 1:400

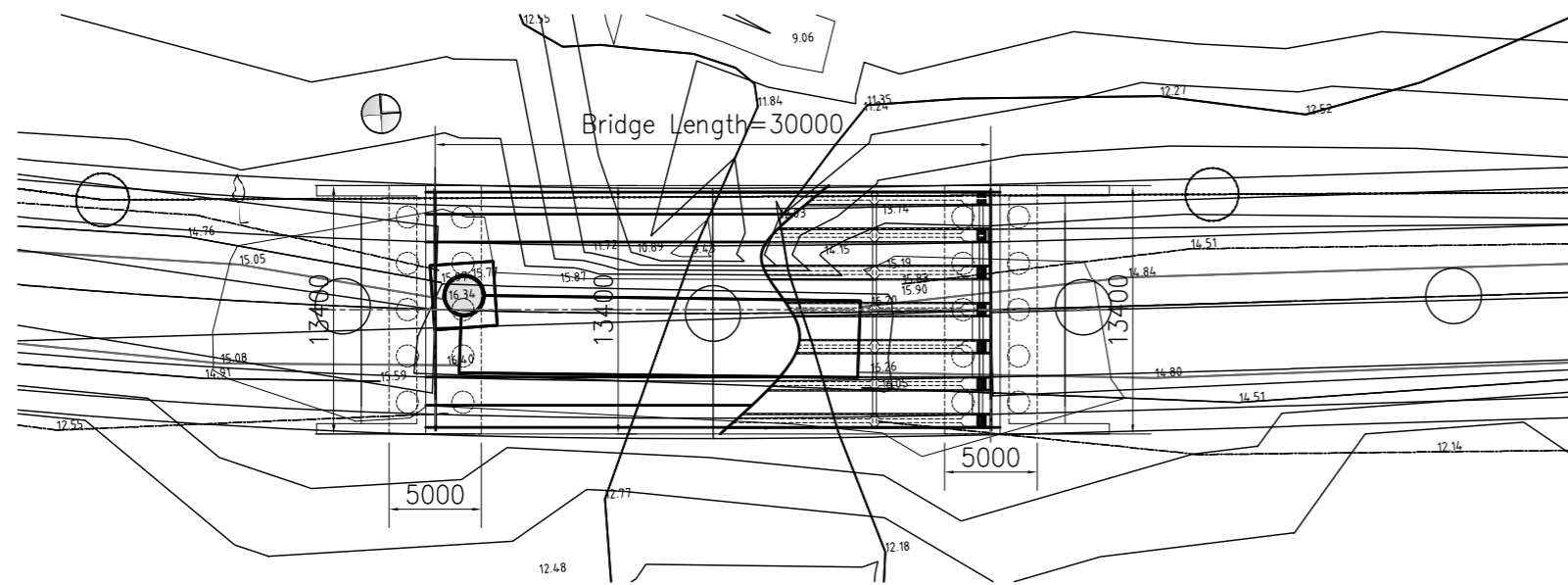


Datum level 0.00

Grade				
Proposed Height	18.722	18.749	18.782	18.842
Existing Ground	15.583	16.000	16.000	15.075
Station	15+280	KE 58+2	15+300	15+320

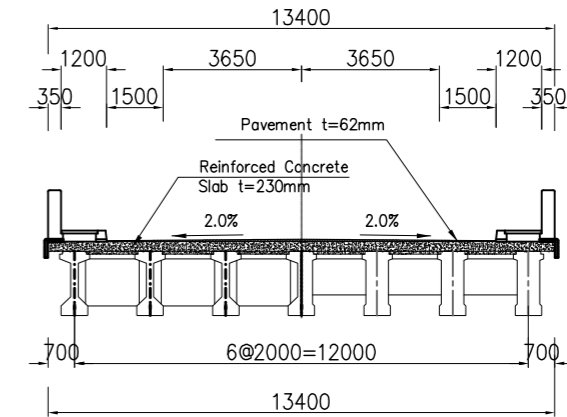
**PLAN**

SCALE 1:400



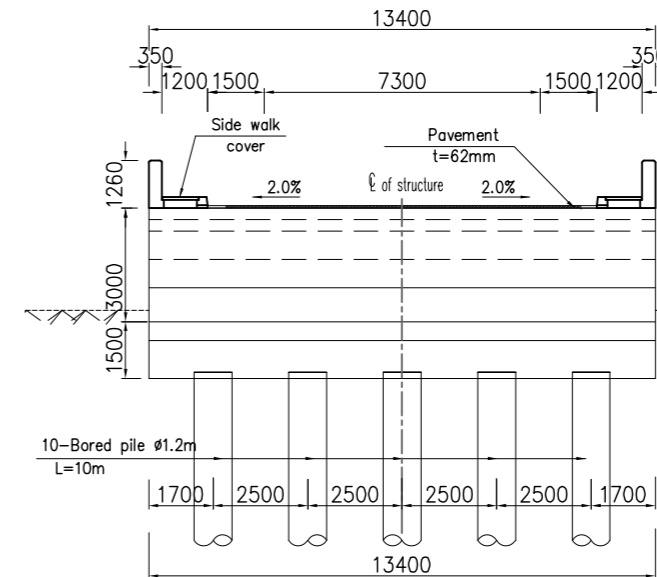
**CROSS SECTION**

SCALE 1:200



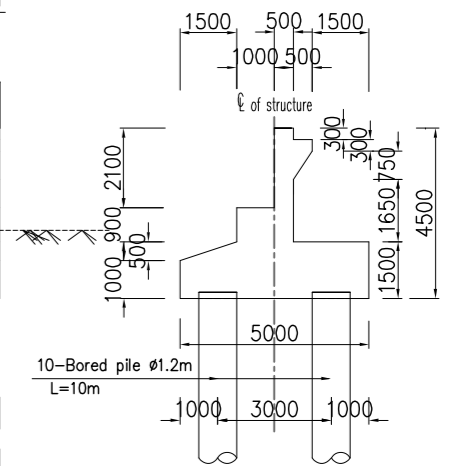
**FRONT VIEW OF ABUTMENT**

SCALE 1:200



**SIDE VIEW OF ABUTMENT**

SCALE 1:200



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT (RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
PADECO CO., LTD



No	REVISION	DATE
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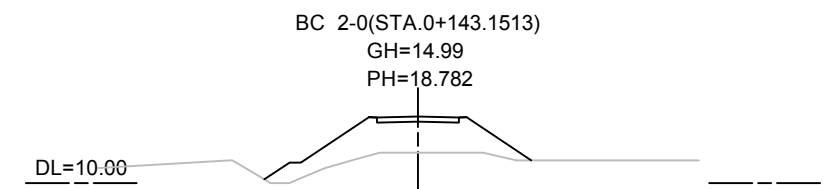
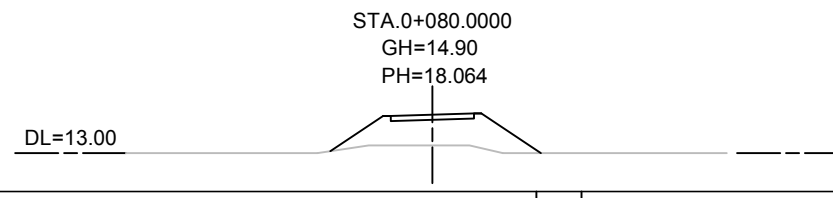
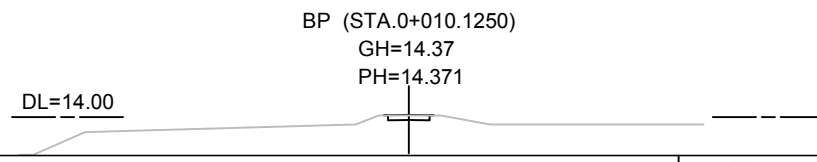
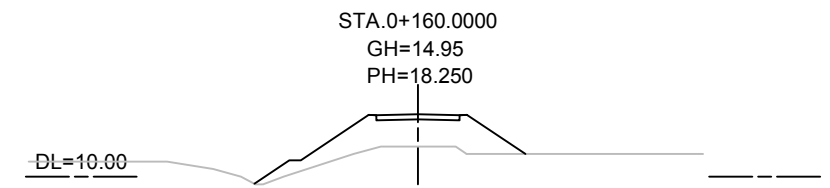
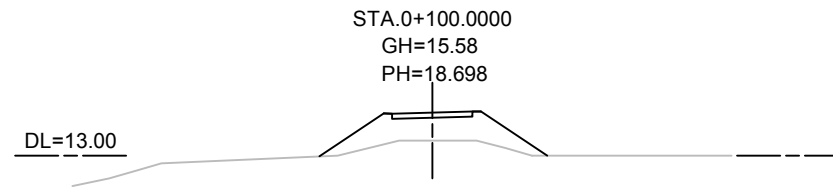
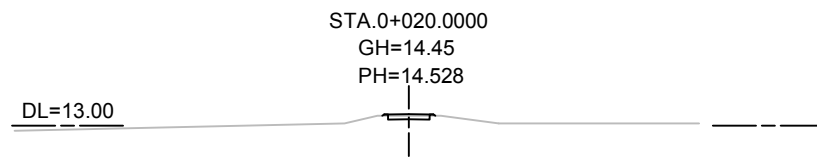
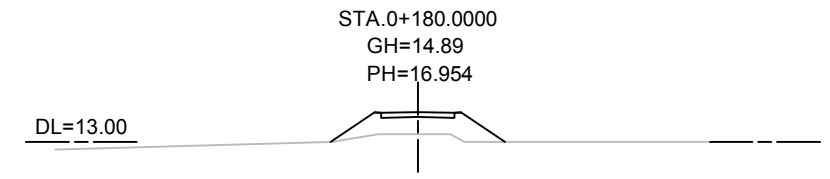
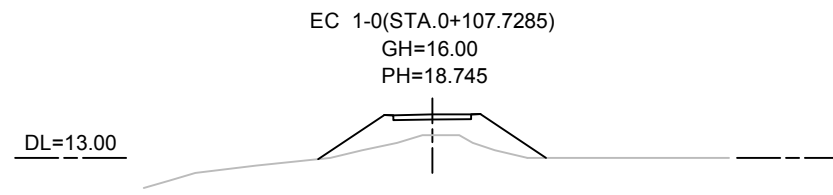
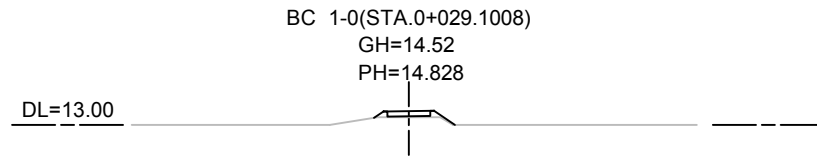
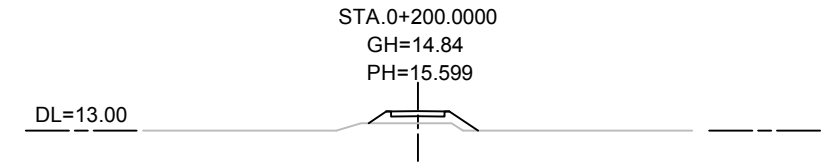
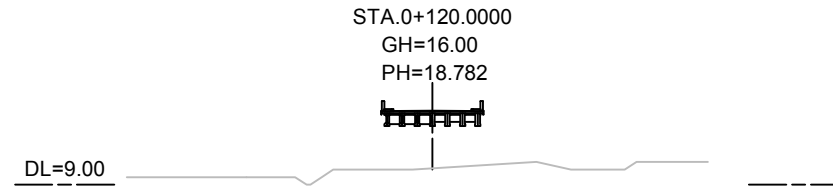
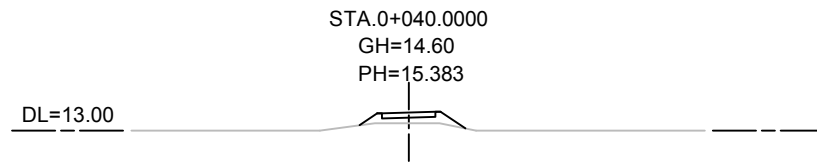
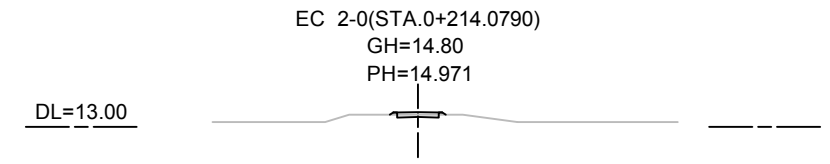
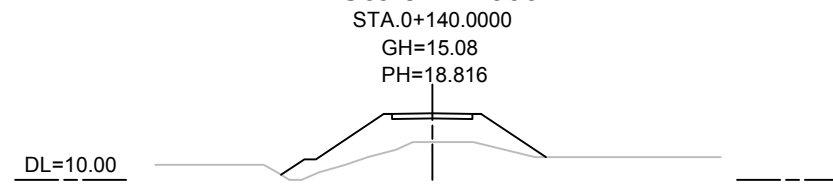
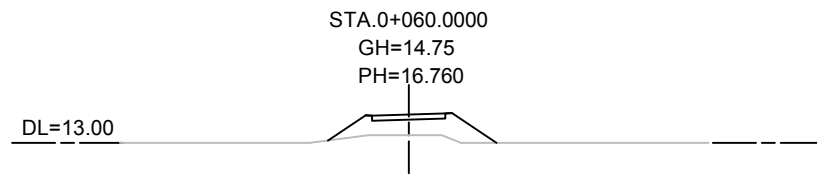
PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

GENERAL VIEW OF BALUTILA BRIDGE

DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DWG. NO.	B13/GV-01

# CROSS SECTION ( 1 )

Scale 1:1000



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT(RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
PADECO CO.,LTD



No	REVISION	DATE

PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

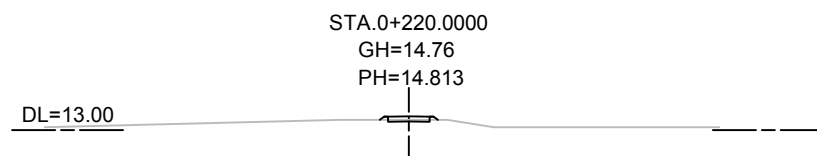
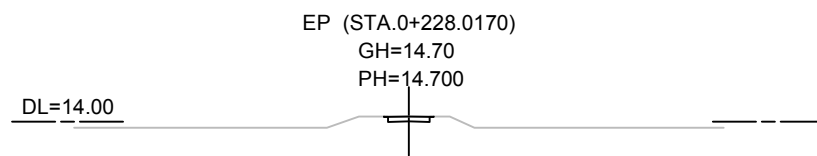
Cross Section( 1 )  
Balutilla Bridge(B13; R-151\_16c)

DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DWG. NO.	B13/CS-01



# CROSS SECTION ( 2 )

Scale 1:1000



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT(RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
PADECO CO.,LTD



No

REVISION

DATE

PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

Cross Section( 2 )  
Balutla Bridge(B13; R-151\_16c)

DESIGNED BY:

CHECKED BY:

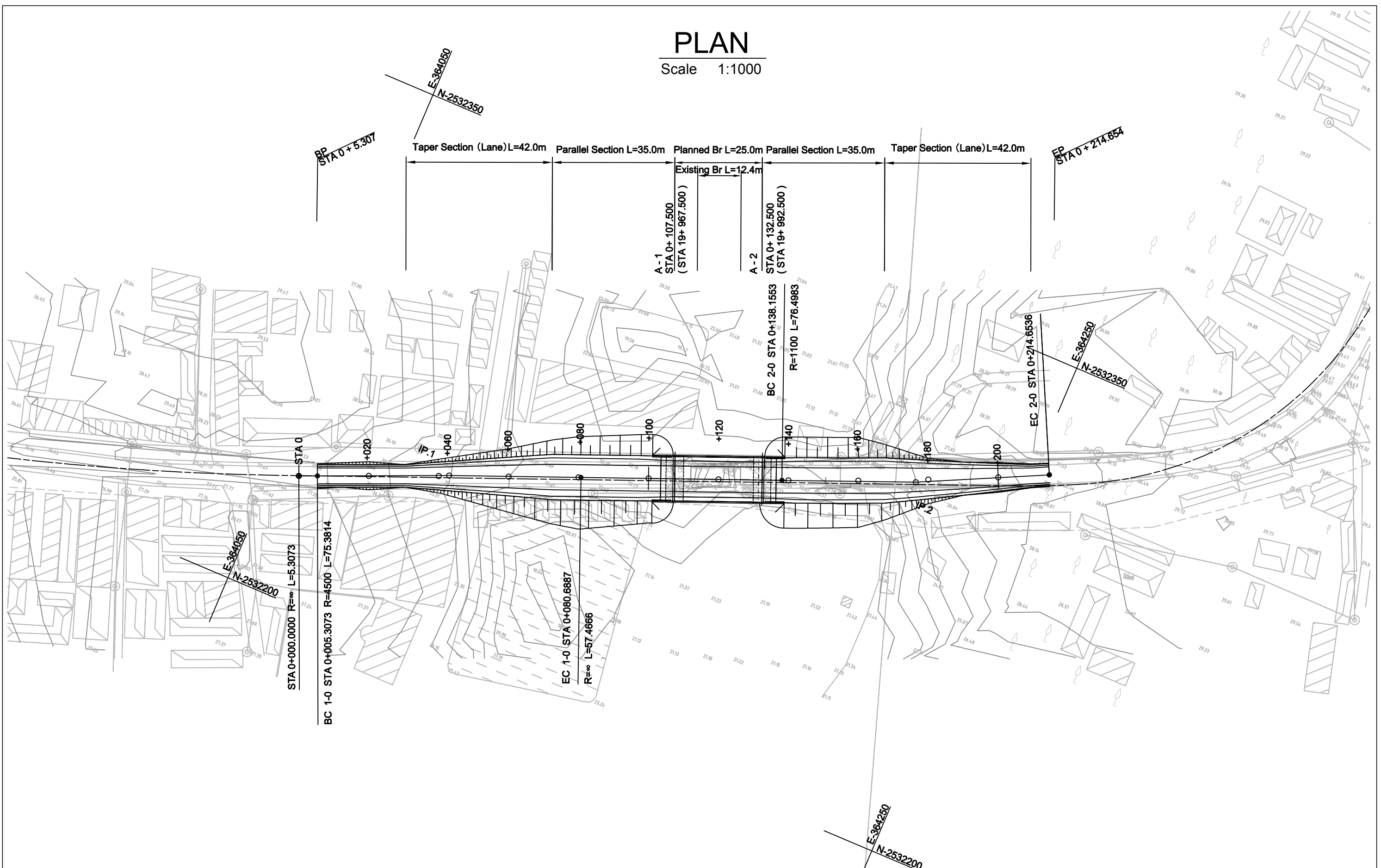
APPROVED BY:

DWG. NO.

B13/CS-02

# PLAN

Scale 1:1000

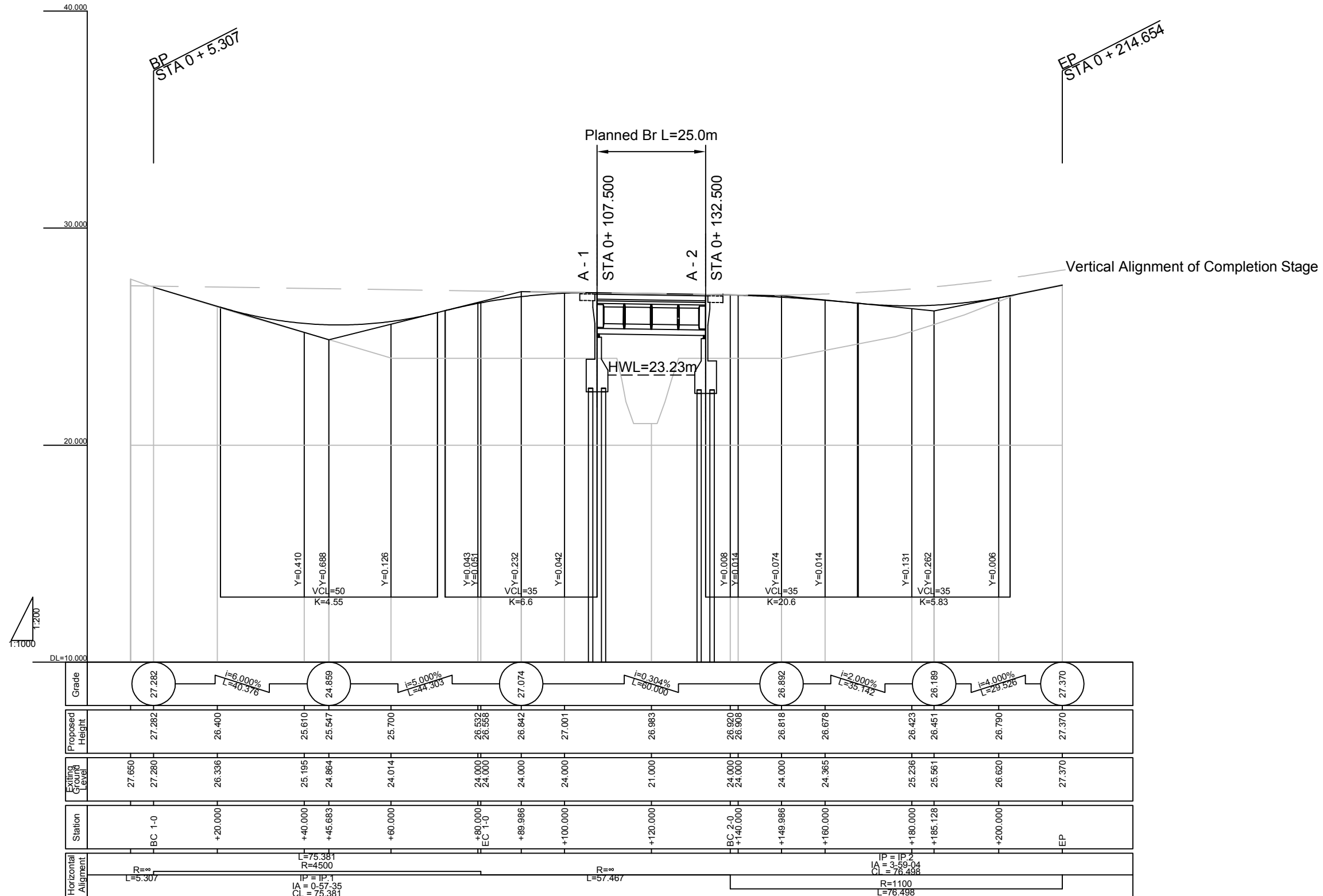


Note: Station with parentheses shows the one in Completion Stage.  
Dot line shows the centerline in Completion Stage.

		PREPARATORY SURVEY ON THE CROSS-BORDER ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)			DESIGNED BY:	
		PLAN Heako Bridge(B16; R-152_Sa)			CHECKED BY:	
		No REVISION DATE			APPROVED BY:	
					DWG. NO.	B16/PL-01

# PROFILE

Scale H 1:1000  
V 1:200



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT(RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
PADECO CO.,LTD



No REVISION DATE

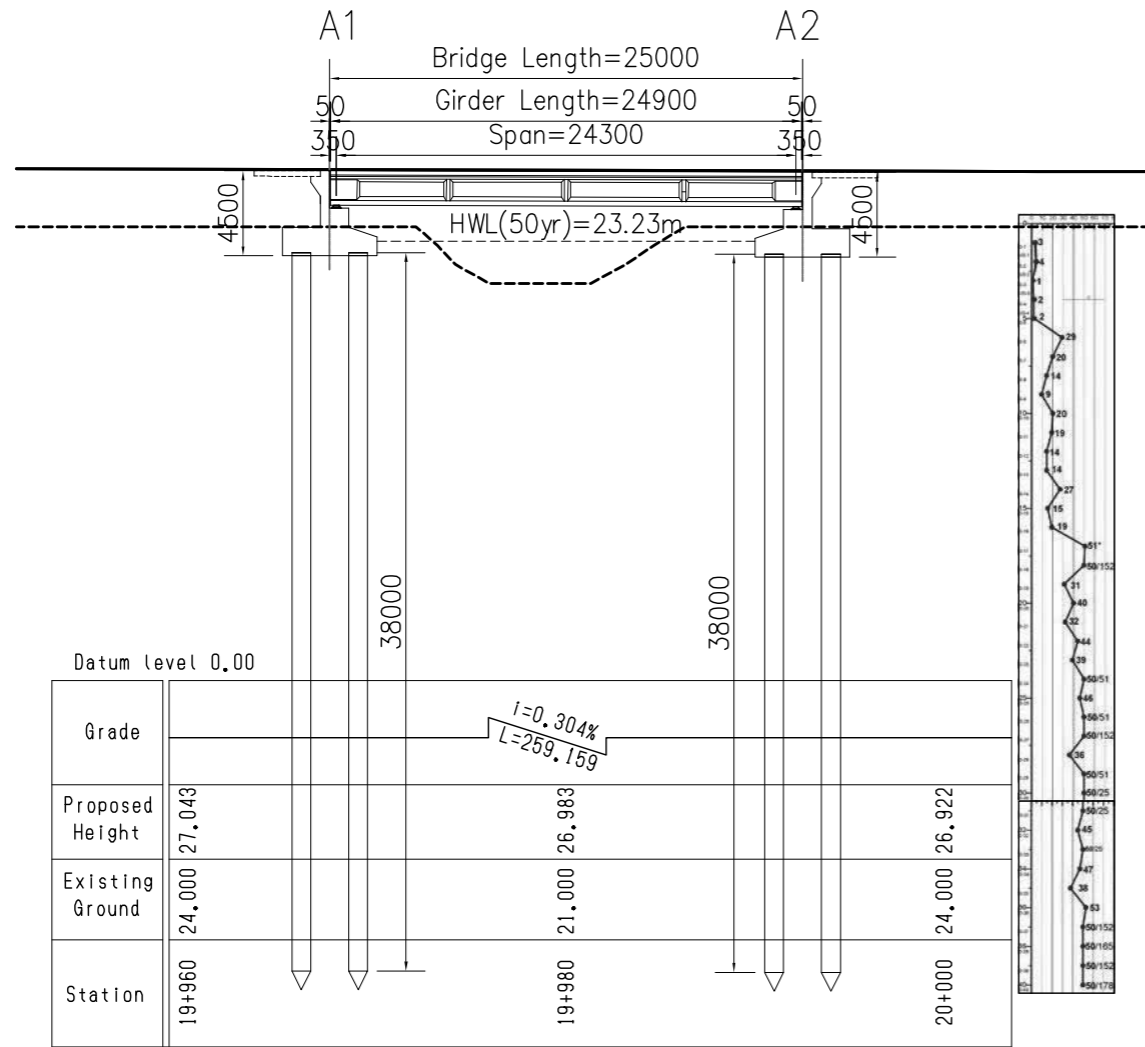
PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

Profile  
Heako Bridge(B16; R-152\_Sa)

DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DWG. NO.	B16/PR-01

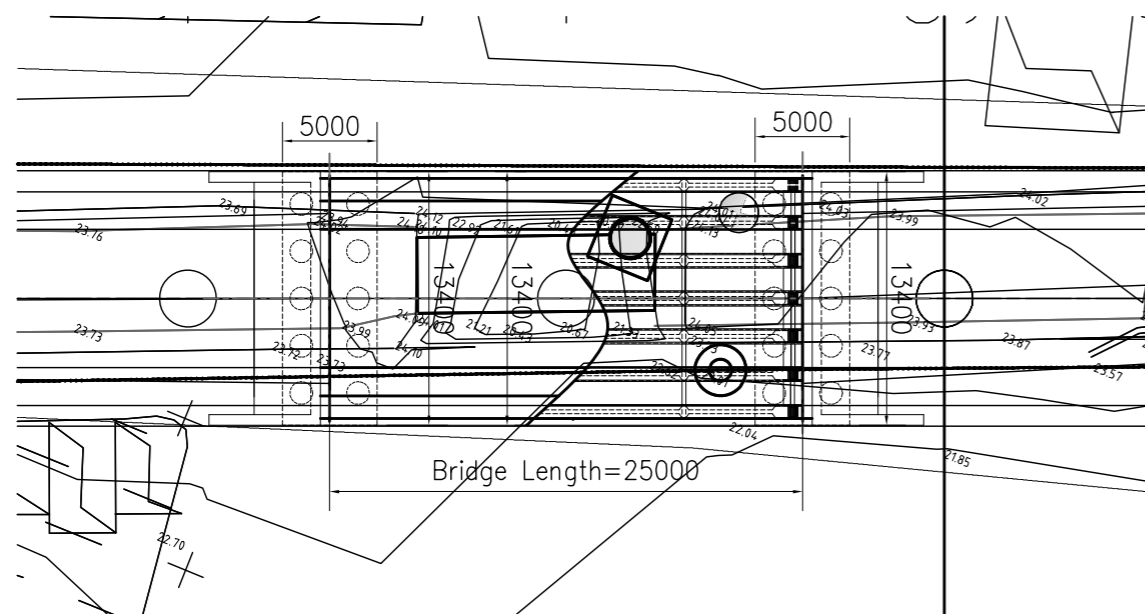
**PROFILE**

SCALE 1:400



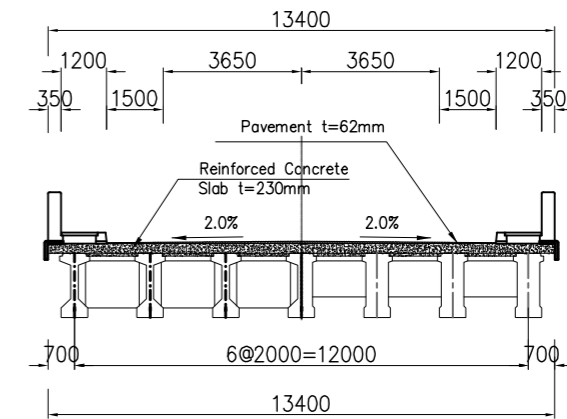
**PLAN**

SCALE 1:400



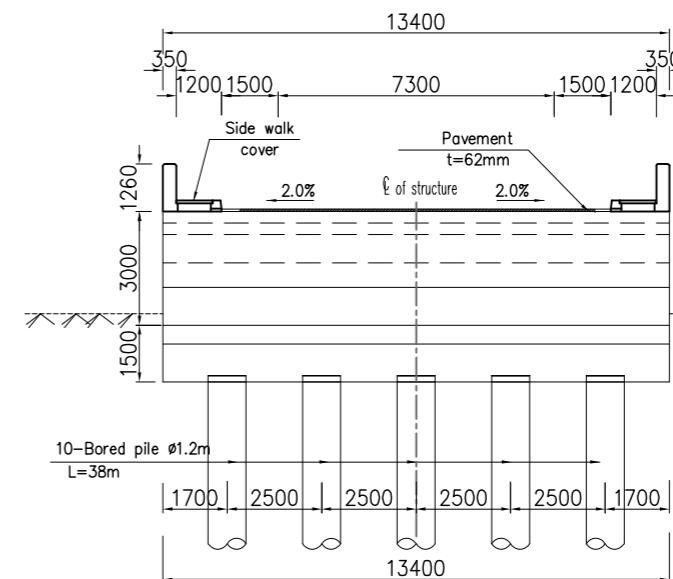
**CROSS SECTION**

SCALE 1:200



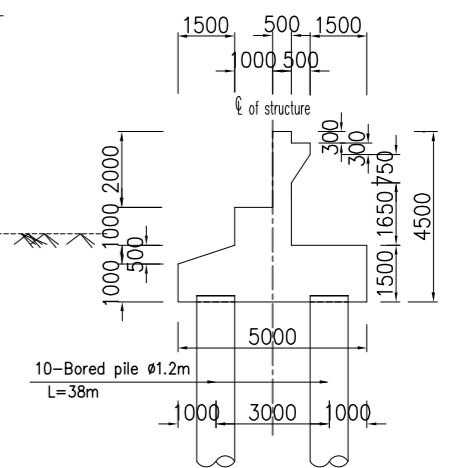
**FRONT VIEW OF ABUTMENT**

SCALE 1:200



**SIDE VIEW OF ABUTMENT**

SCALE 1:200



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT (RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



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PADECO CO., LTD



No	REVISION	DATE

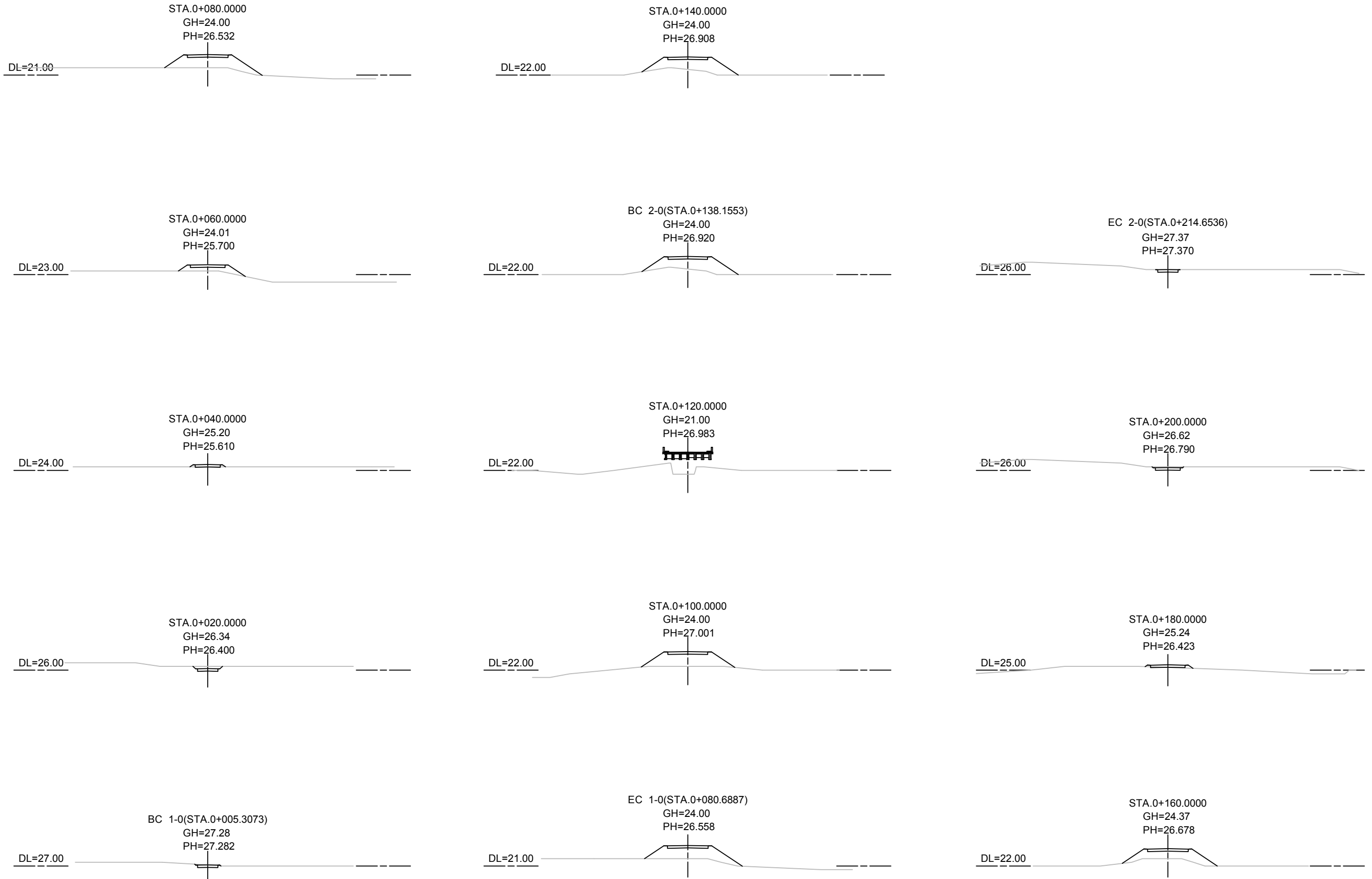
PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

GENERAL VIEW OF HEAKO BRIDGE

DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DWG. NO.	B16/GV-01

# CROSS SECTION ( 1 )

Scale 1:1000



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
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PADECO CO.,LTD



No	REVISION	DATE

PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

Cross Section( 1 )  
Heako Bridge(B16; R-152\_Sa)

DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DWG. NO.	B16/CS-01

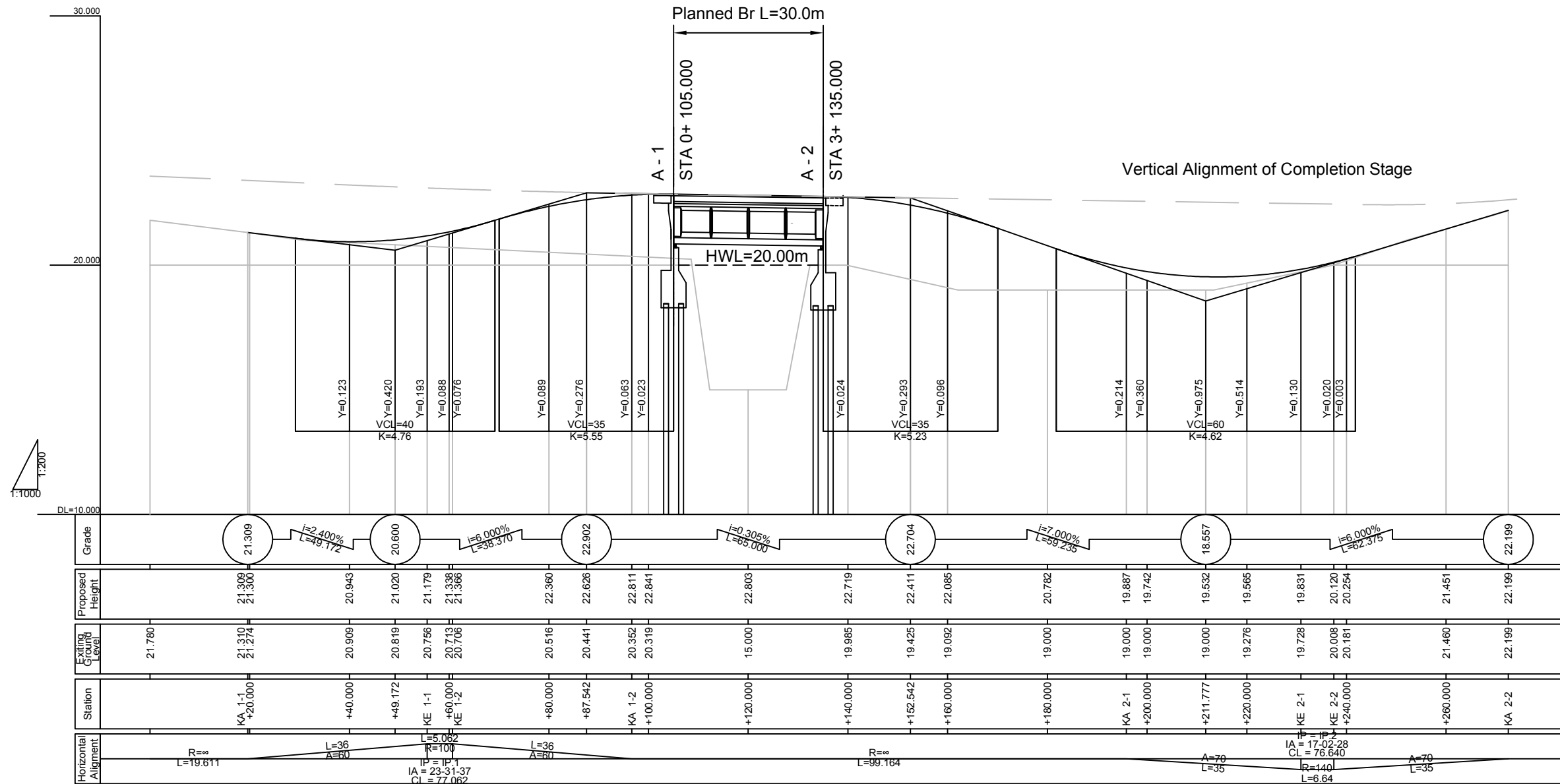


# PROFILE

Scale H 1:1000  
V 1:200

BP  
STA 0+19.611

EP  
STA 0+272.477



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
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PADECO CO., LTD.



No REVISION DATE

PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

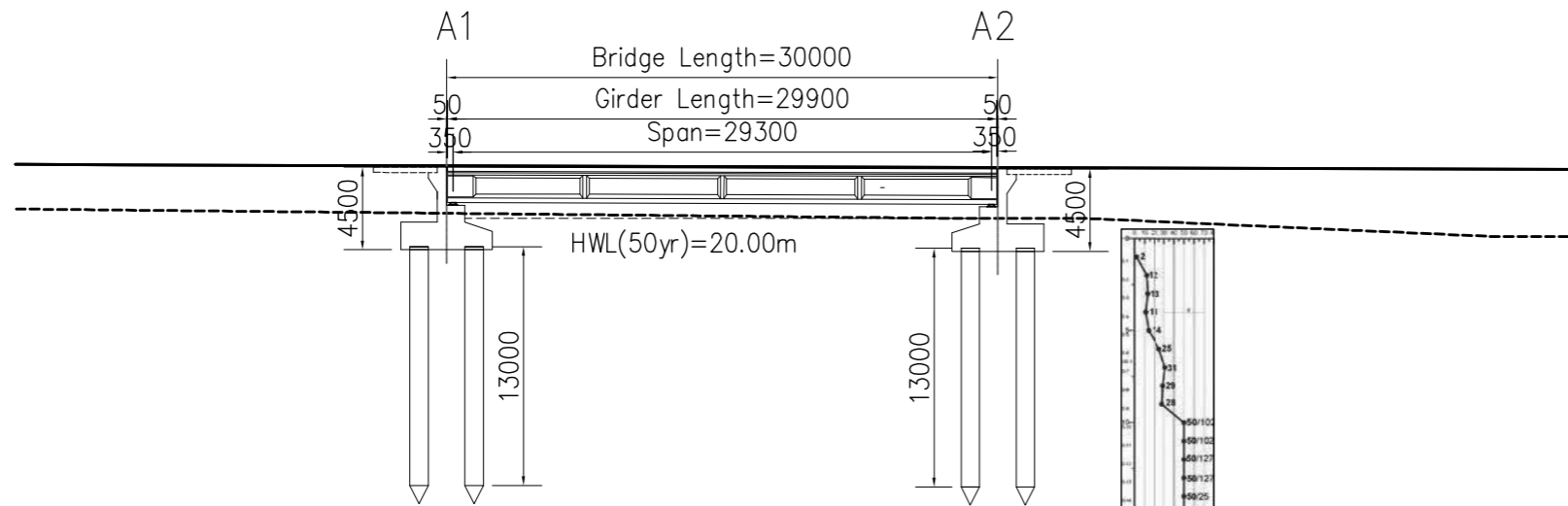
Profile  
Chikon Chara Bridge (B18; R-152\_7a)

DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DWG. NO.	B18/PR-01



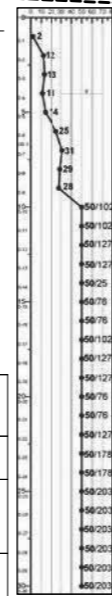
**PROFILE**

SCALE 1:400



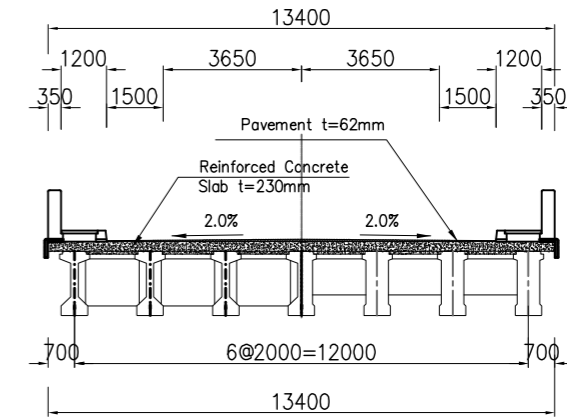
Datum level 0.00

Grade				
Proposed Height	26+920	26+940	KA 122-2	26+960
Existing Ground	20.320	20.122	20.087	19.985
Station	26+920	26+940	26+960	26+960



**CROSS SECTION**

SCALE 1:200

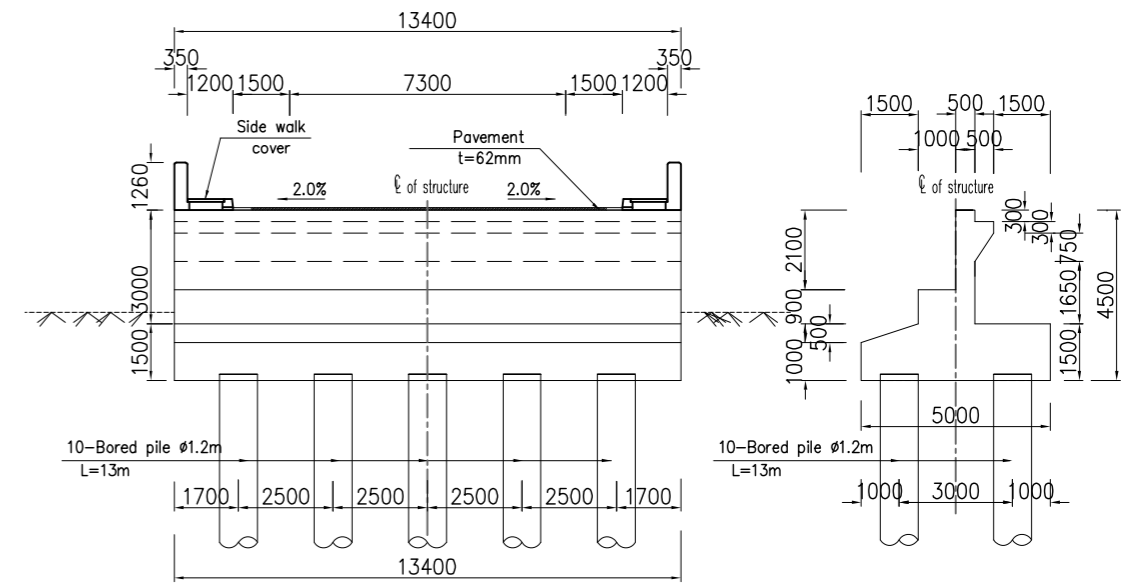


**FRONT VIEW OF ABUTMENT**

SCALE 1:200

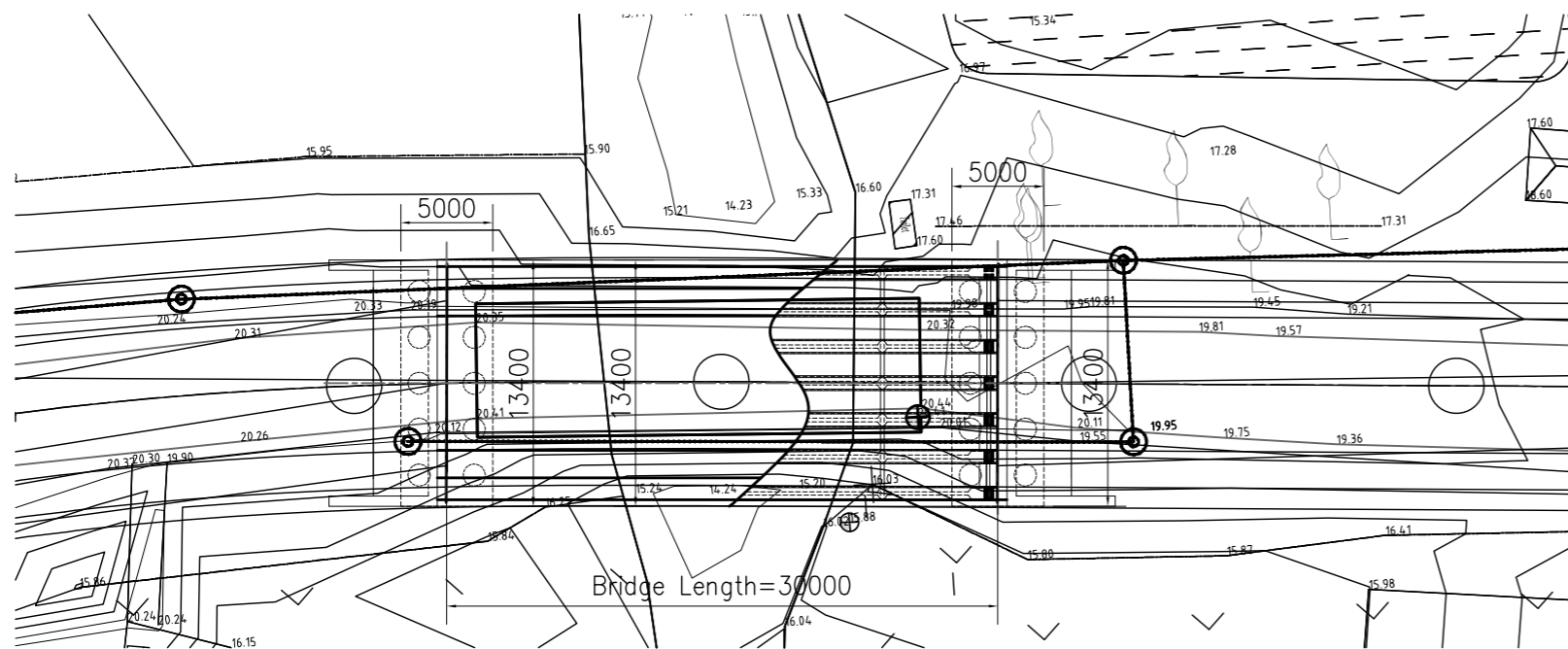
**SIDE VIEW OF ABUTMENT**

SCALE 1:200



**PLAN**

SCALE 1:400



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT (RHD)



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No	REVISION	DATE
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PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

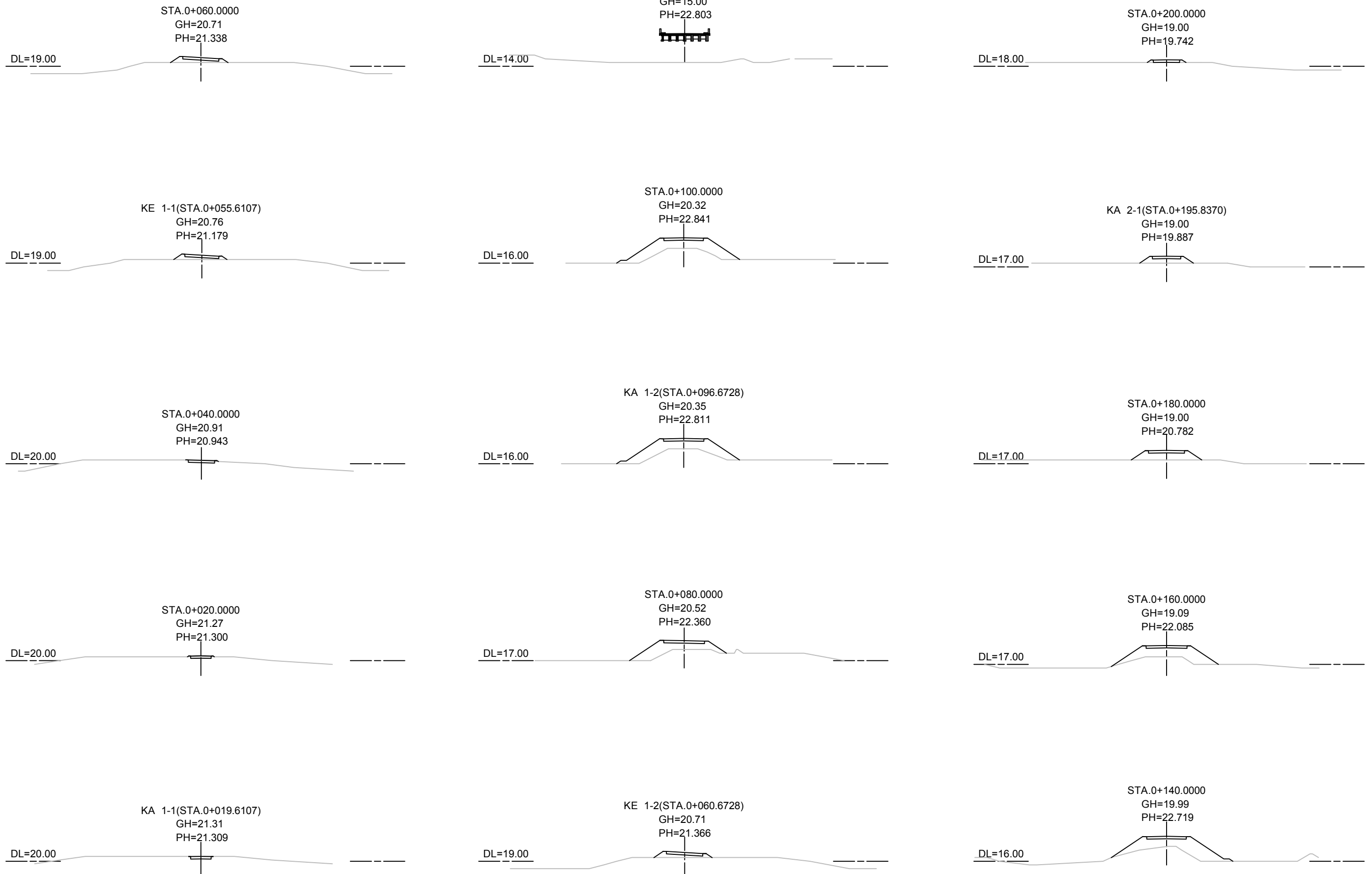
GENERAL VIEW OF CHIKON CHARA BRIDGE

DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DWG. NO.	B18/GV-01



# CROSS SECTION ( 1 )

Scale 1:1000



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REVISION

DATE

PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

Cross Section( 1 )  
Chikon Chara Bridge(B18; R-152\_7a)

DESIGNED BY:

CHECKED BY:

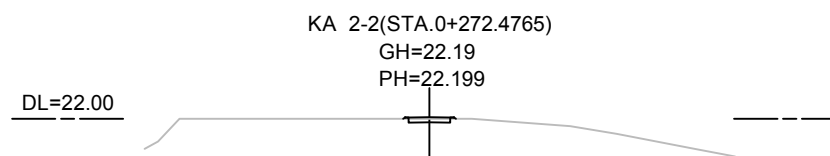
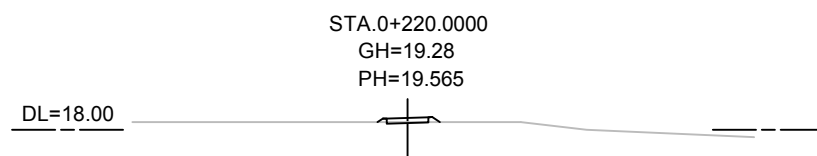
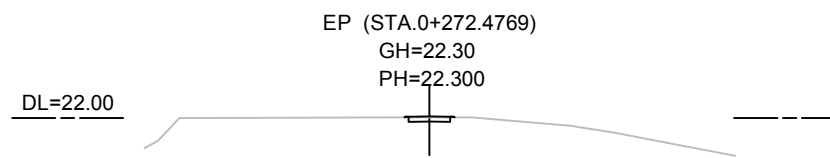
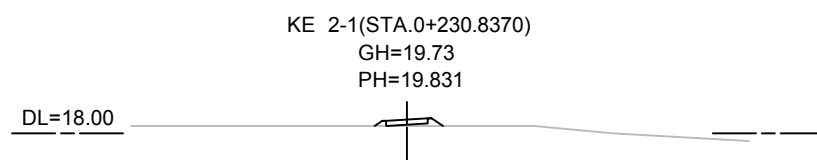
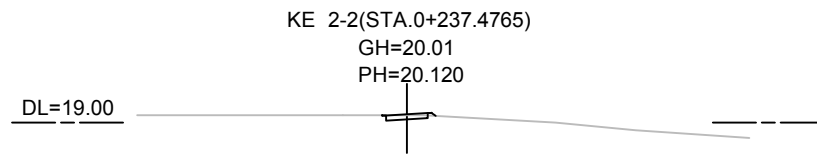
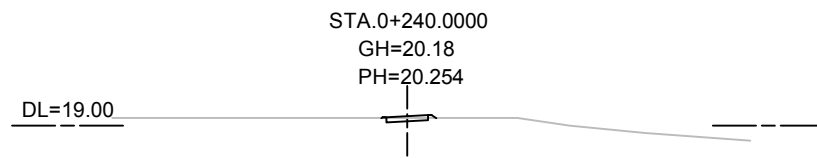
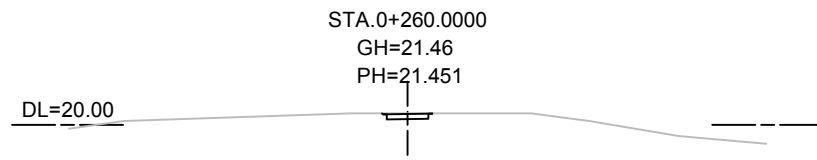
APPROVED BY:

DWG. NO.

B18/CS-01

# CROSS SECTION ( 2 )

Scale 1:1000



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT(RHD)



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No

REVISION

DATE

PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

Cross Section( 2 )  
Chikon Chara Bridge(B18; R-152\_7a)

DESIGNED BY:

CHECKED BY:

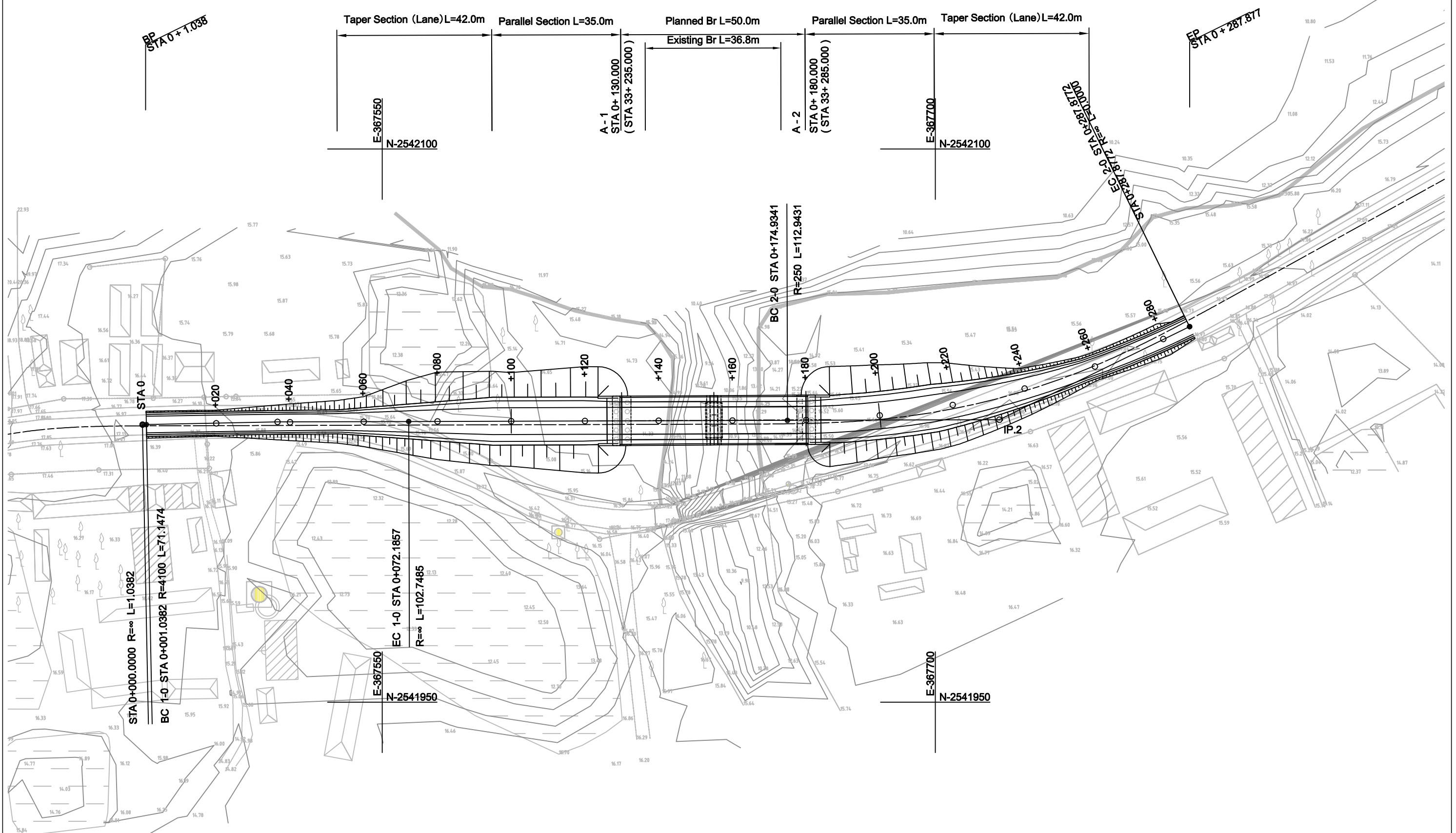
APPROVED BY:

DWG. NO.

B18/CS-02

# PLAN

Scale 1:1000

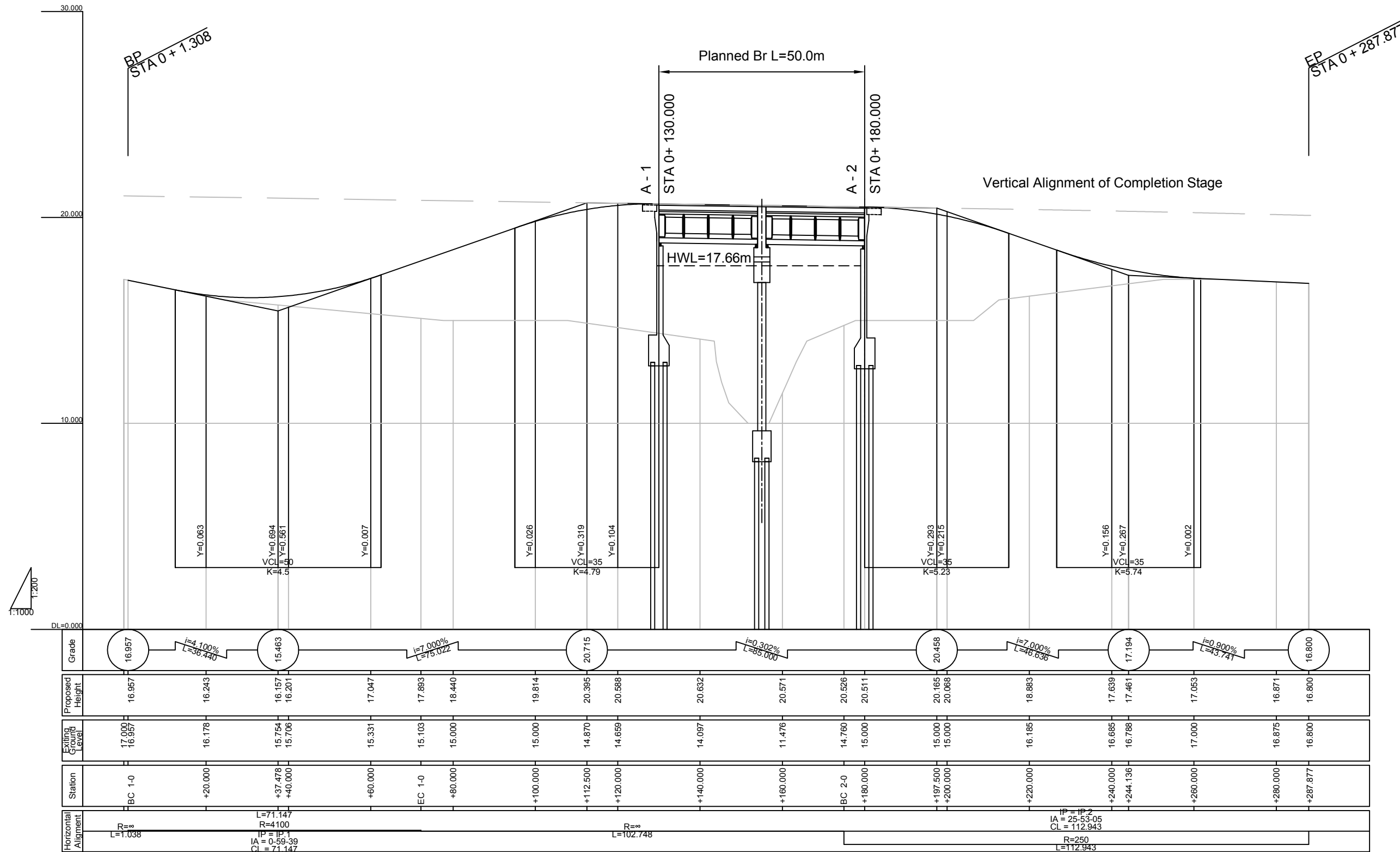


Note: Station with parentheses shows the one in Completion Stage.  
Dot line shows the centerline in Completion Stage.

			PREPARATORY SURVEY ON THE CROSS-BORDER ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)			DESIGNED BY:	
			Plan East Baganbazar Bridge(B25; R-152_14a)			CHECKED BY:	
			No	REVISION	DATE	DWG. NO.	B25/PL-01

# PROFILE

Scale H 1:1000  
V 1:200



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT(RHD)



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No REVISION DATE

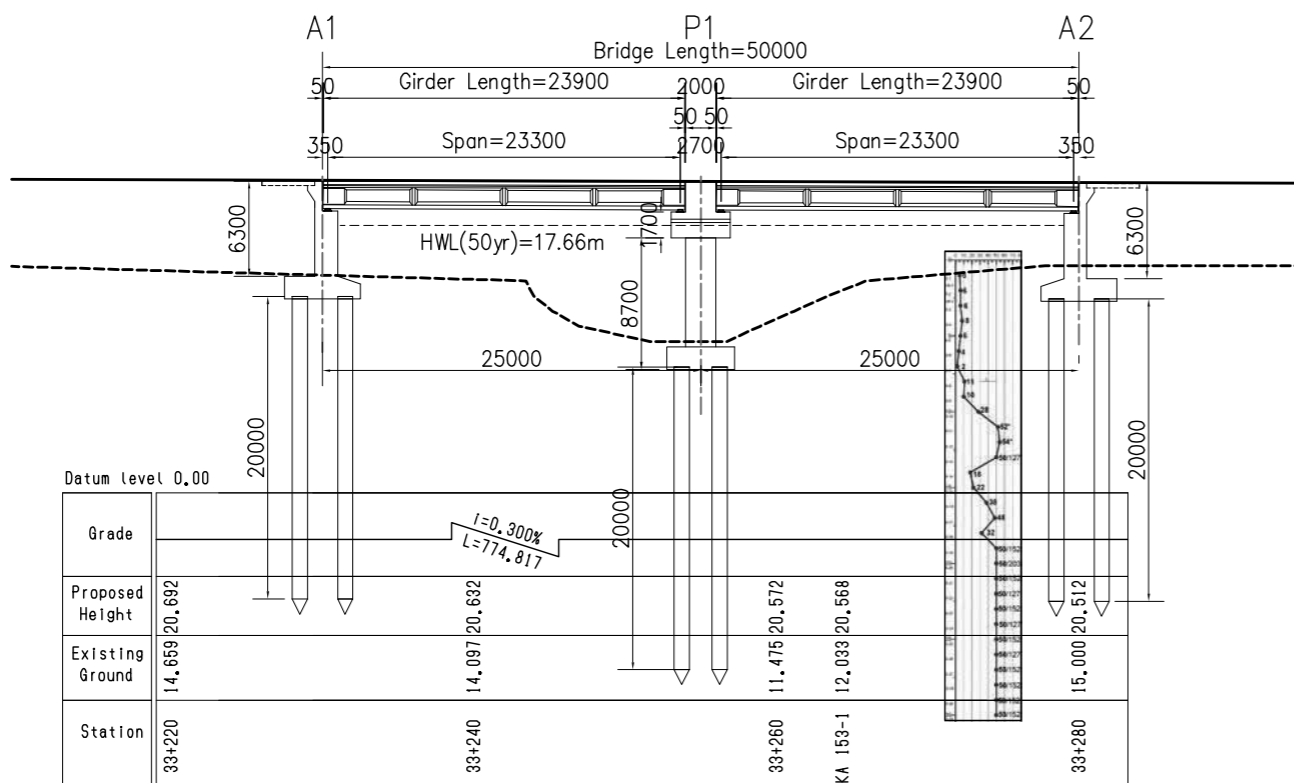
PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

Profile  
East Baganbazar Bridge(B25; R-152\_14a)

DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DWG. NO.	B25/PR-01

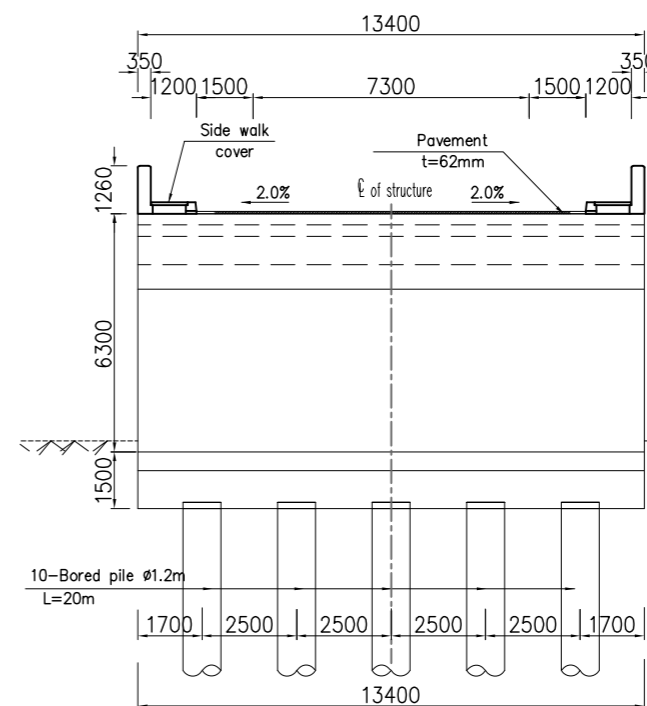
**PROFILE**

SCALE 1:500



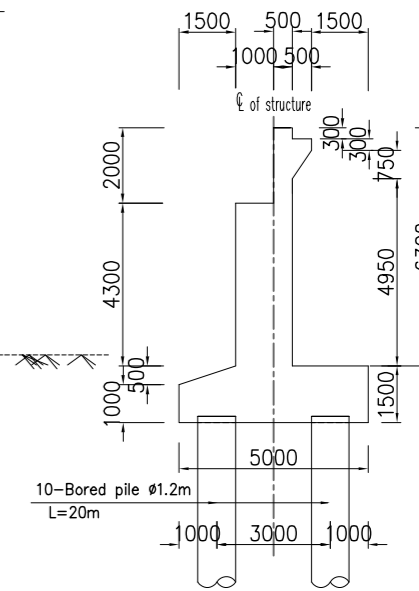
**FRONT VIEW OF ABUTMENT**

SCALE 1:200



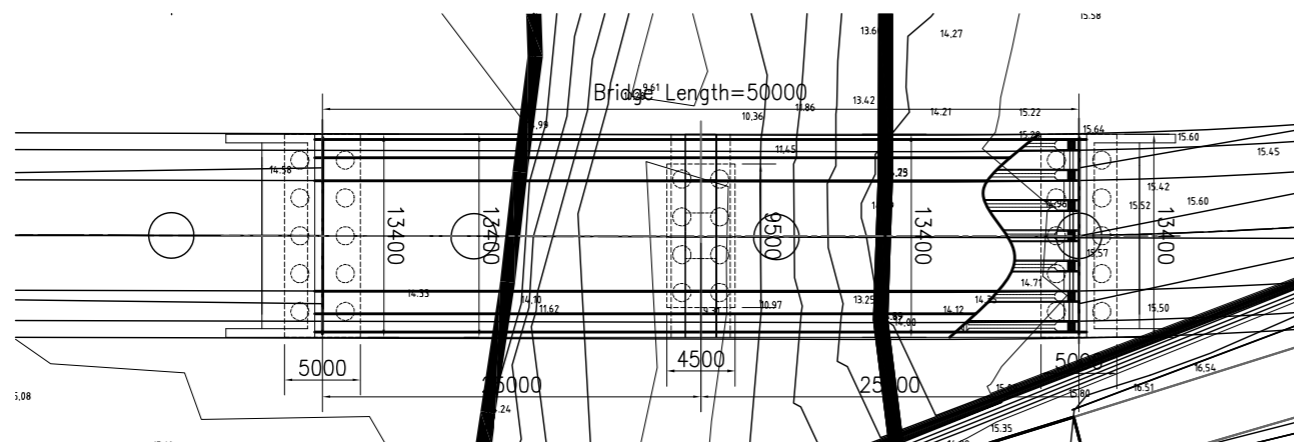
**SIDE VIEW OF ABUTMENT**

SCALE 1:200



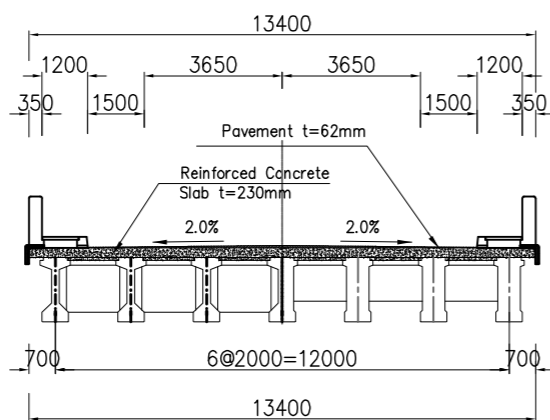
**PLAN**

SCALE 1:500



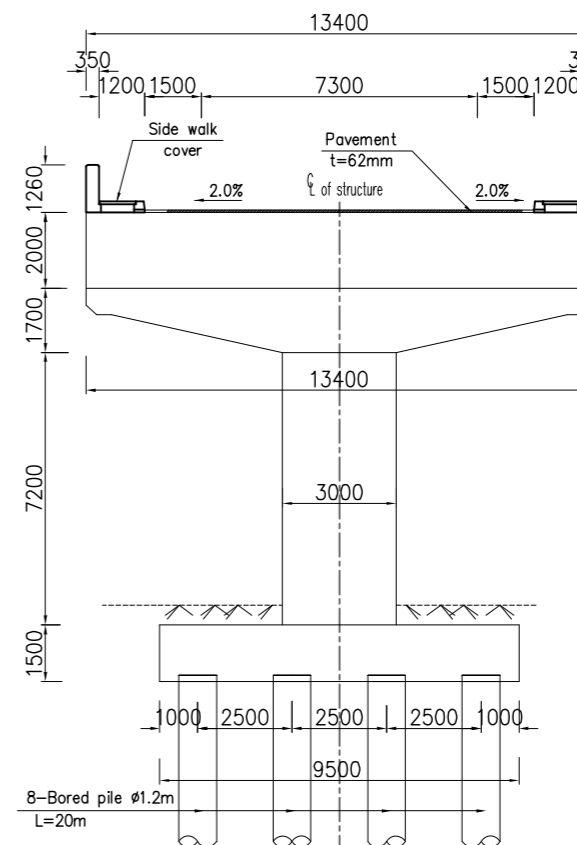
**CROSS SECTION**

SCALE 1:200



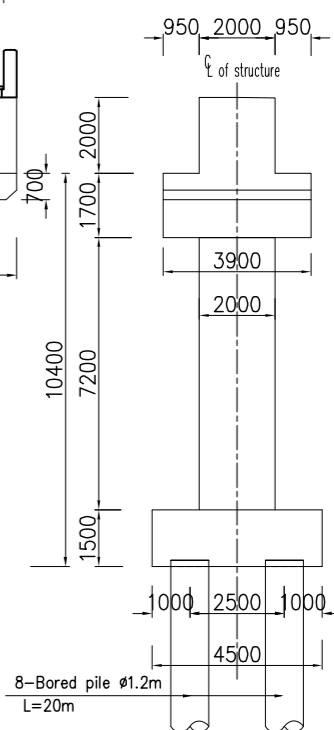
**FRONT VIEW OF PIER**

SCALE 1:200



**SIDE VIEW OF PIER**

SCALE 1:200



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
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No	REVISION	DATE

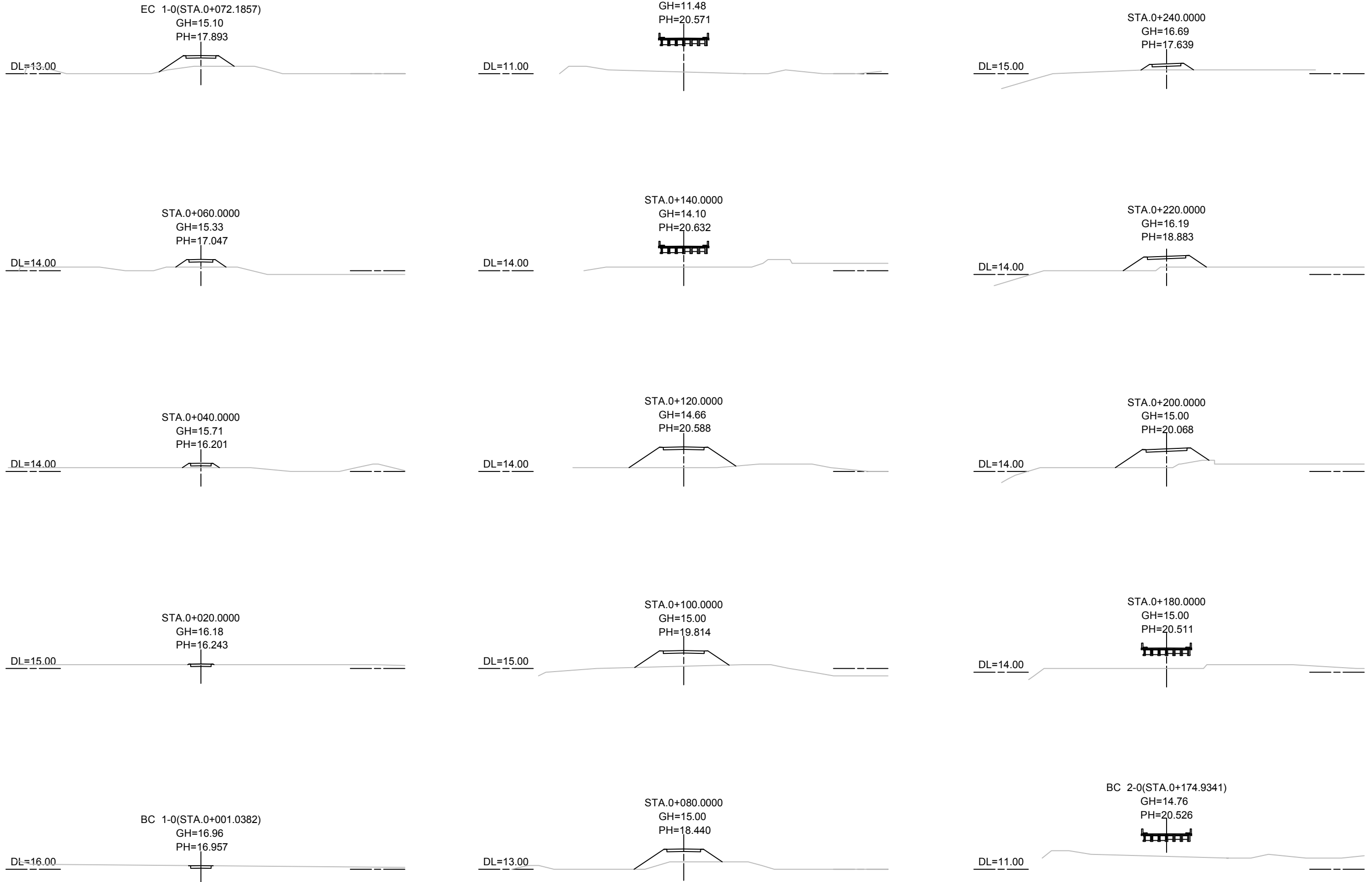
PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

GENERAL VIEW OF  
EAST BAGANBAZAR BRIDGE

DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DWG. NO.	B25/GV-01

# CROSS SECTION ( 1 )

Scale 1:1000



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT(RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



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No	REVISION	DATE

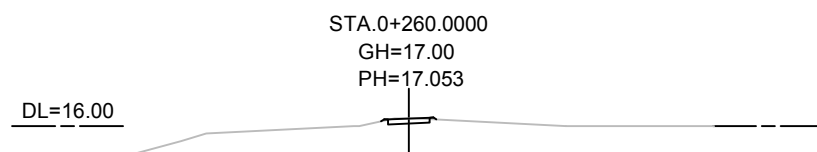
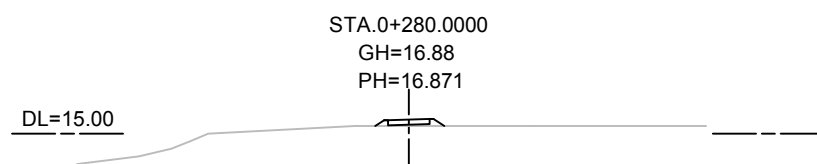
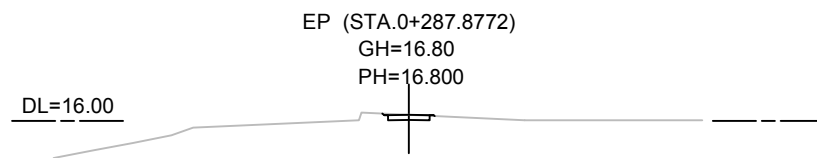
PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

Cross Section( 1 )  
East Baganbazar Bridge(B25; R-152\_14a)

DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DWG. NO.	B25/CS-01

# CROSS SECTION ( 2 )

Scale 1:1000



MINISTRY OF ROAD TRANSPORT AND BRIDGES (MRTB)  
PEOPLE'S REPUBLIC OF BANGLADESH  
ROADS & HIGHWAYS DEPARTMENT(RHD)



JAPAN INTERNATIONAL COOPERATION AGENCY



ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
PADECO CO.,LTD



No

REVISION

DATE

PREPARATORY SURVEY ON THE CROSS-BORDER  
ROAD NETWORK IMPROVEMENT PROJECT (BANGLADESH)

Cross Section( 2 )  
East Baganbazar Bridge(B25; R-152\_14a)

DESIGNED BY:

CHECKED BY:

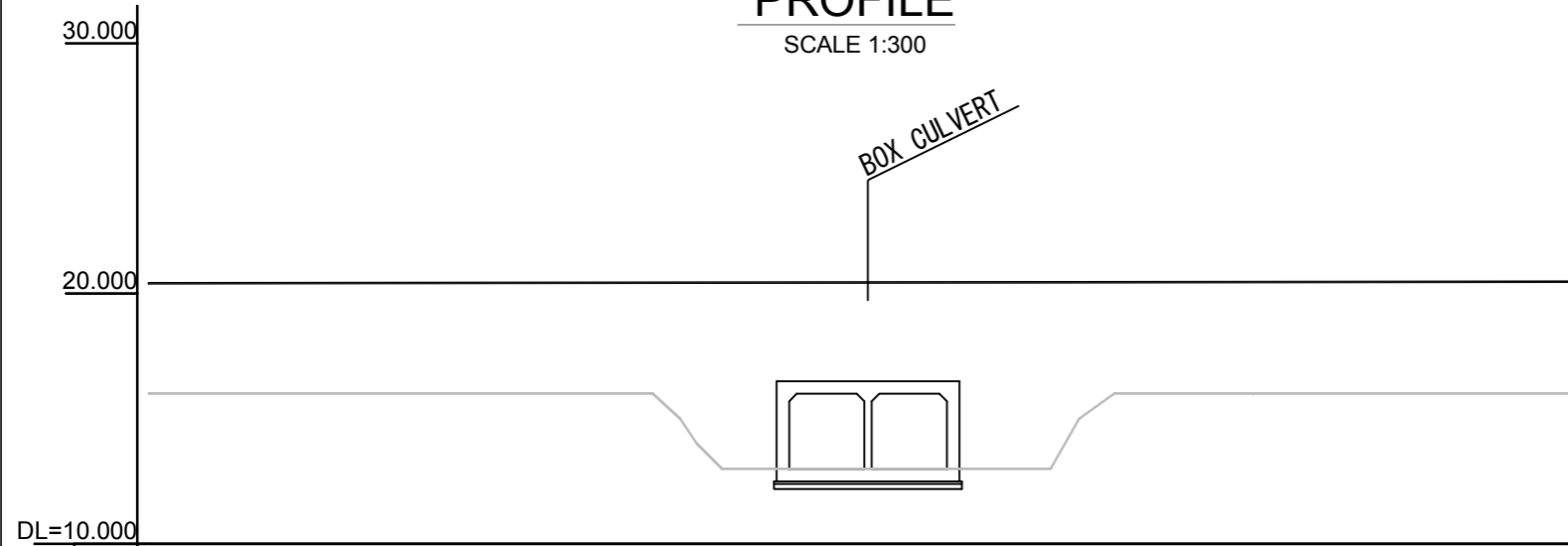
APPROVED BY:

DWG. NO.

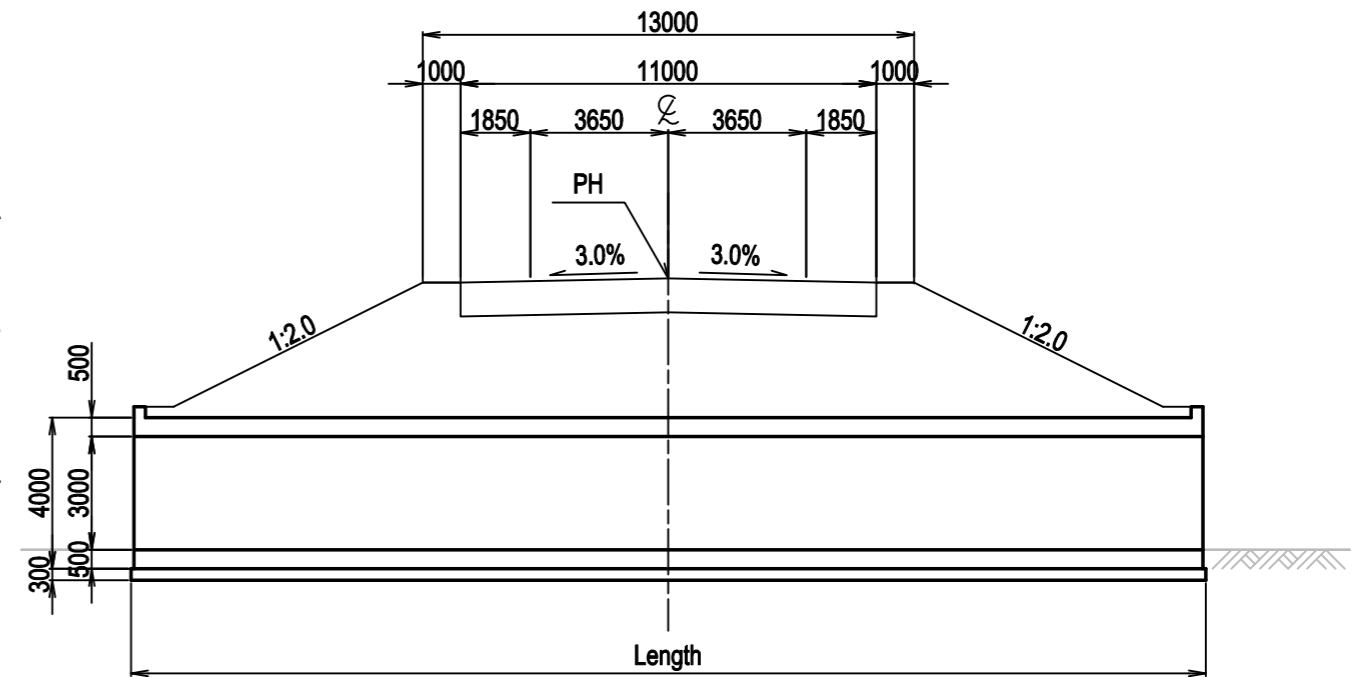
B25/CS-02

# GENERAL VIEW OF BOX CULVERT(2@H3.0xB3.0)

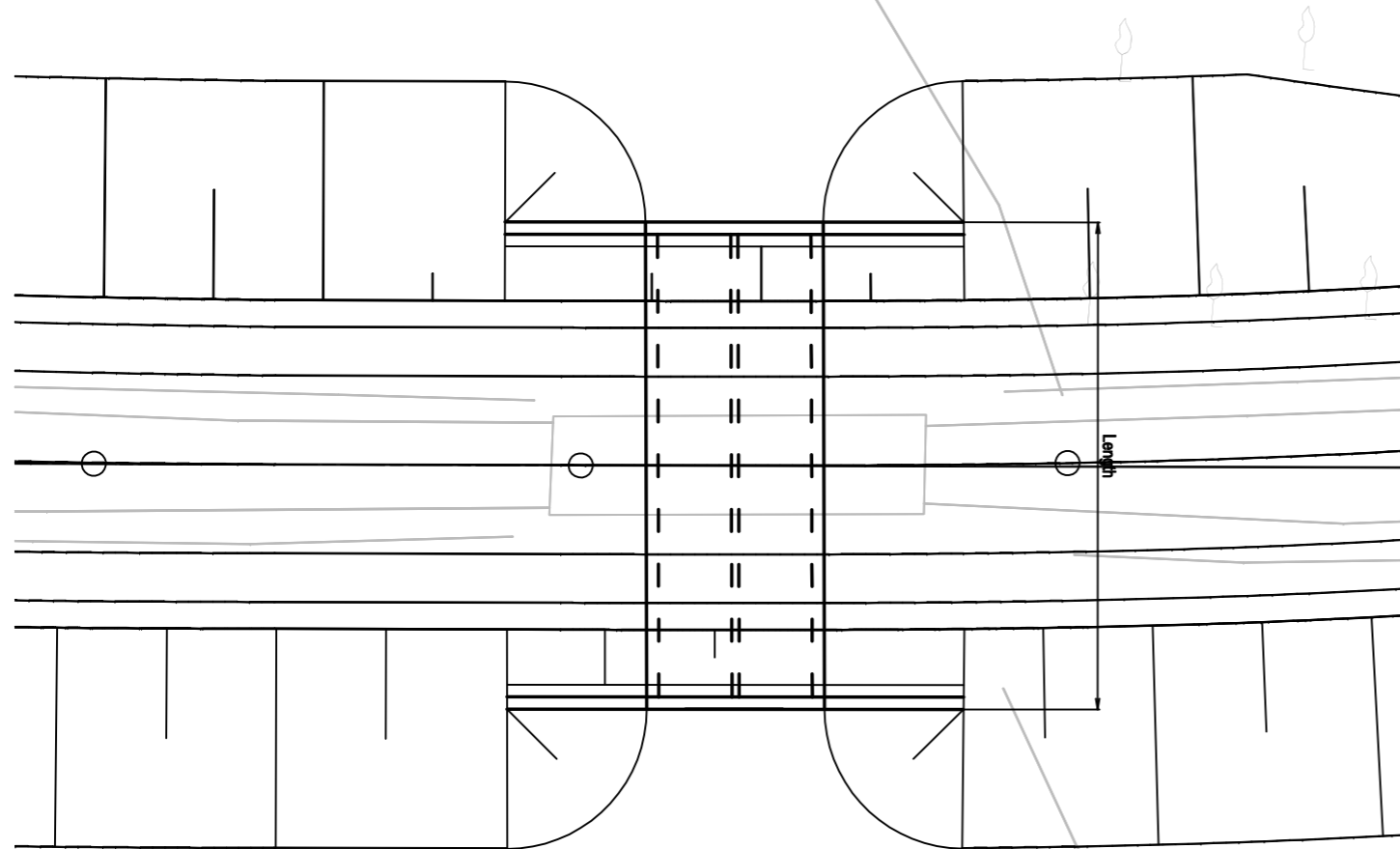
**PROFILE**  
SCALE 1:300



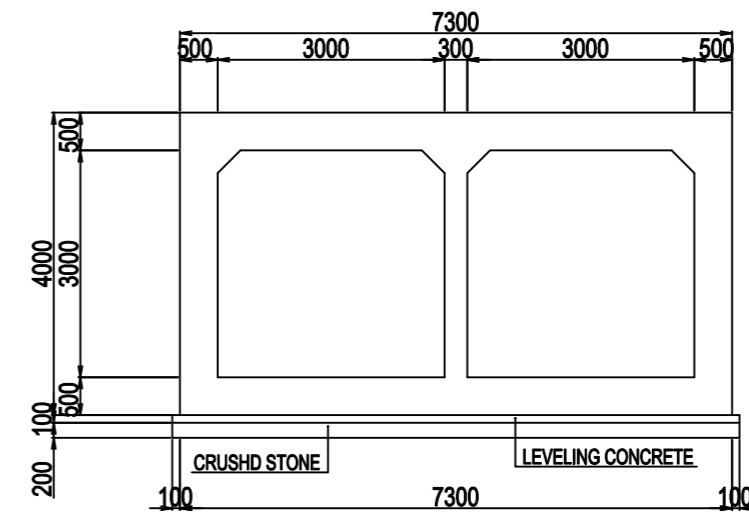
**CROSS SECTION**  
SCALE 1:200



**PLAN**  
SCALE 1:300



**FRONT VIEW OF BOX CULVERT**  
SCALE 1:100



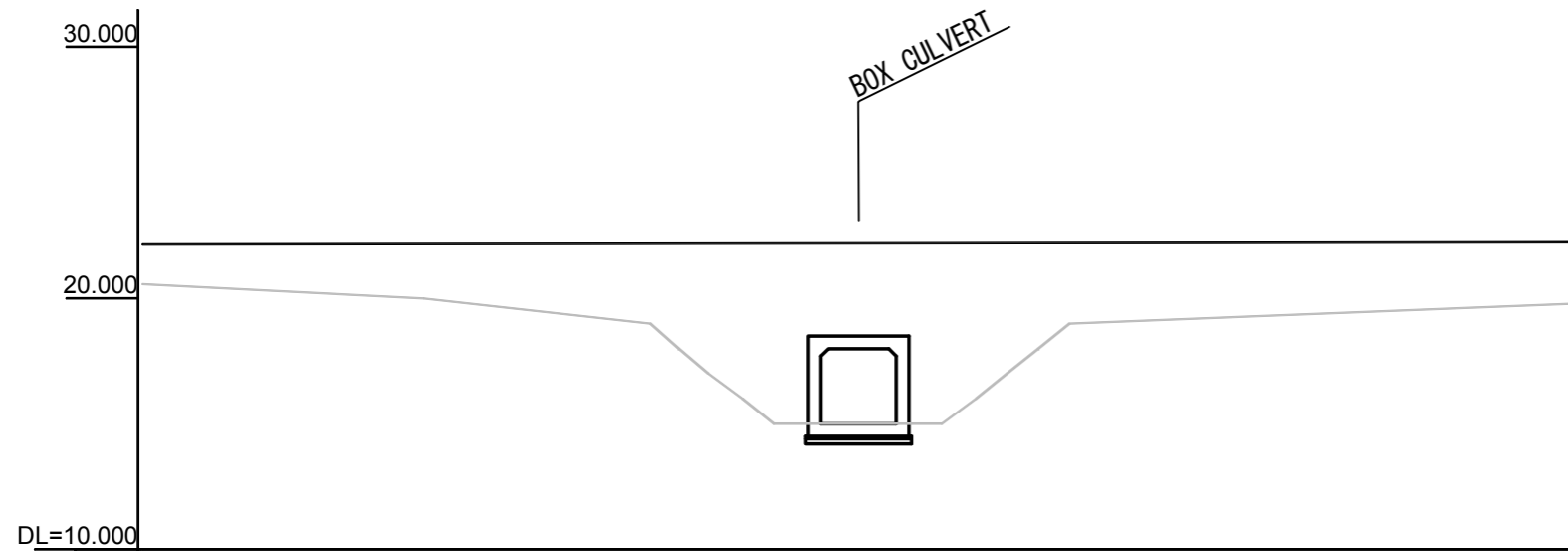
**LIST**

BOX	Location	Existing Bridge Name	Bridge ID	Length(m)
B14	STA.15+700	Fulchari Bridge	R-151_18a	20.0
B19	STA.28+115	Chikon Chara Bridge	R-152_8a	20.3
B23	STA.30+065	Gadar dokan Bridge	R-152_11b	19.4

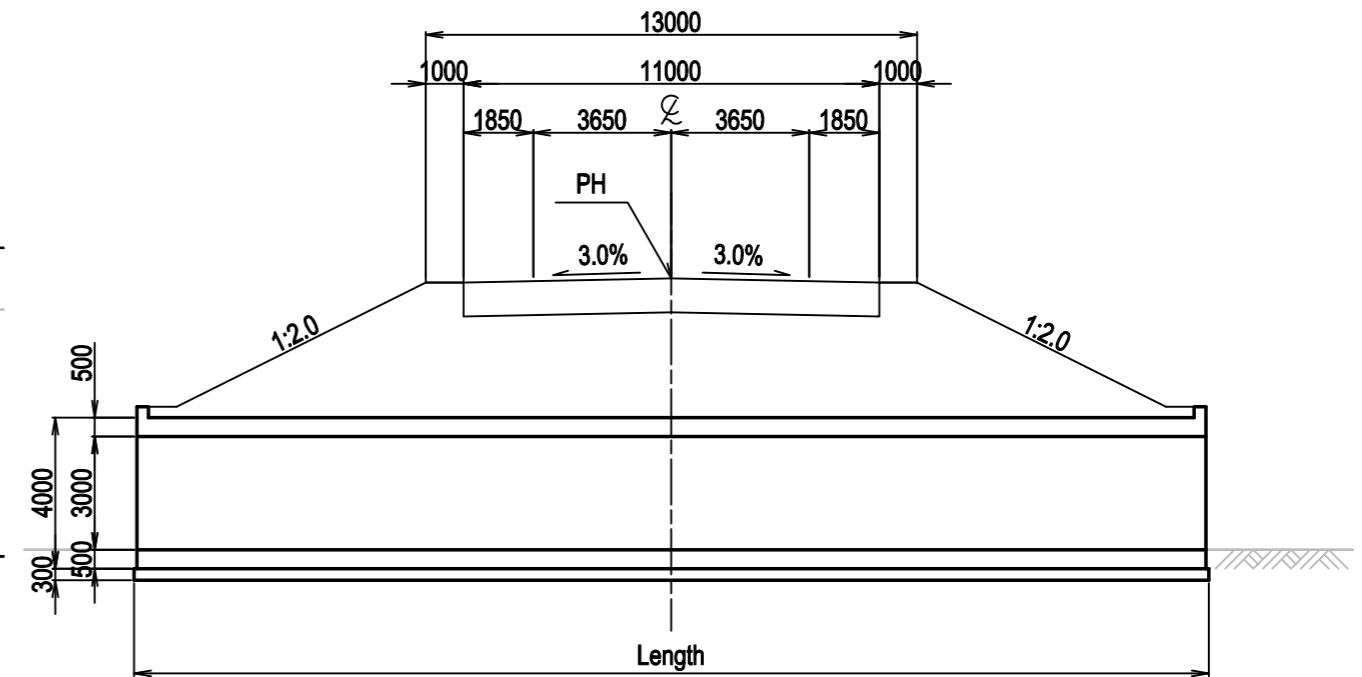


# GENERAL VIEW OF BOX CULVERT(H3.0xB3.0)

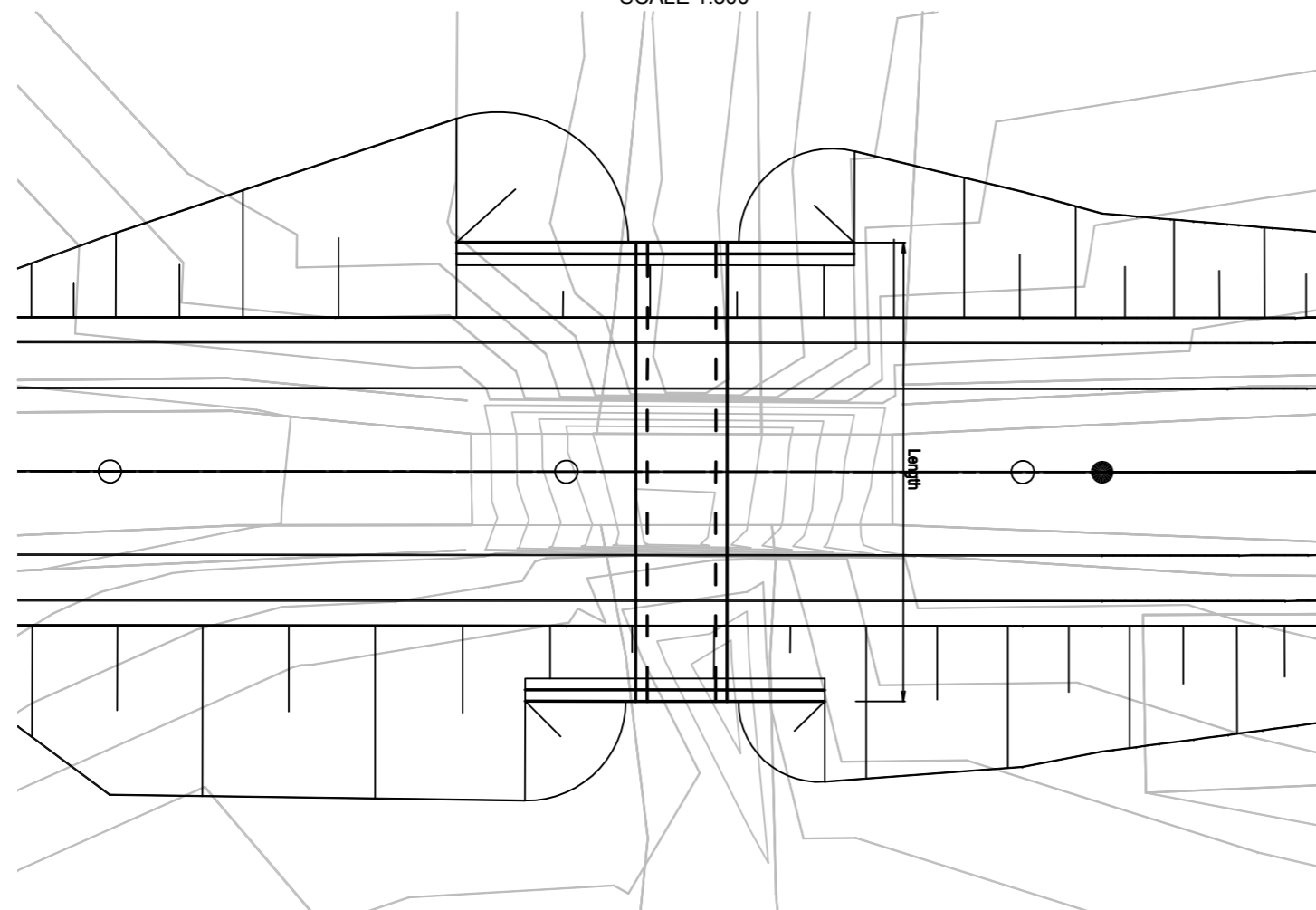
**PROFILE**  
SCALE 1:300



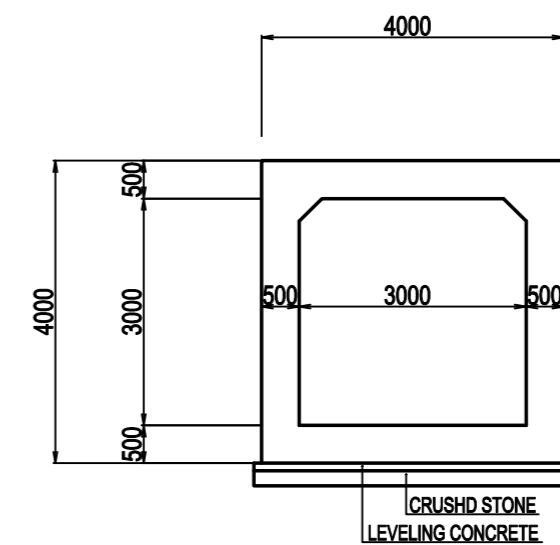
**CROSS SECTION**  
SCALE 1:200



**PLAN**  
SCALE 1:300



**FRONT VIEW OF BOX CULVERT**  
SCALE 1:100

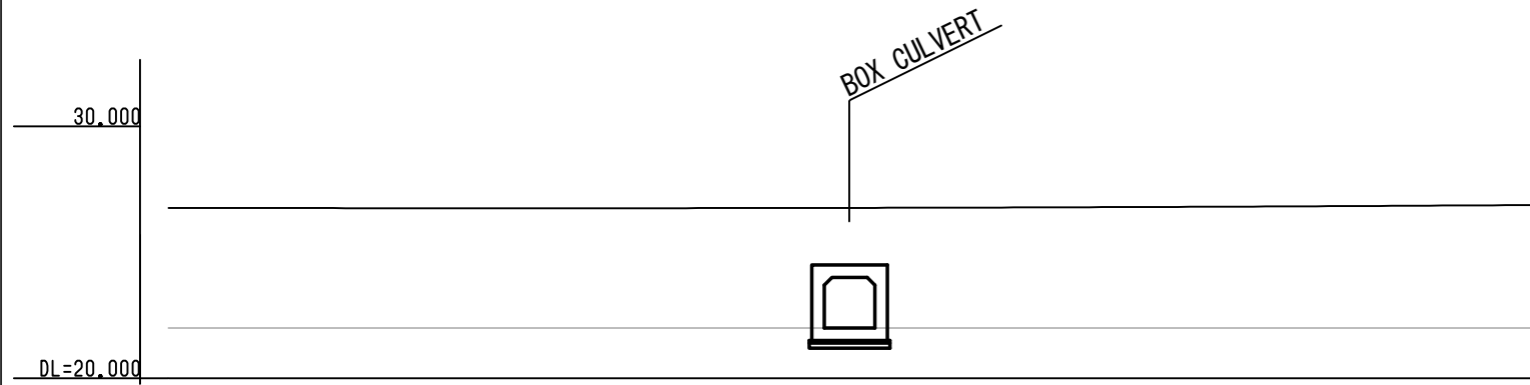


**LIST**

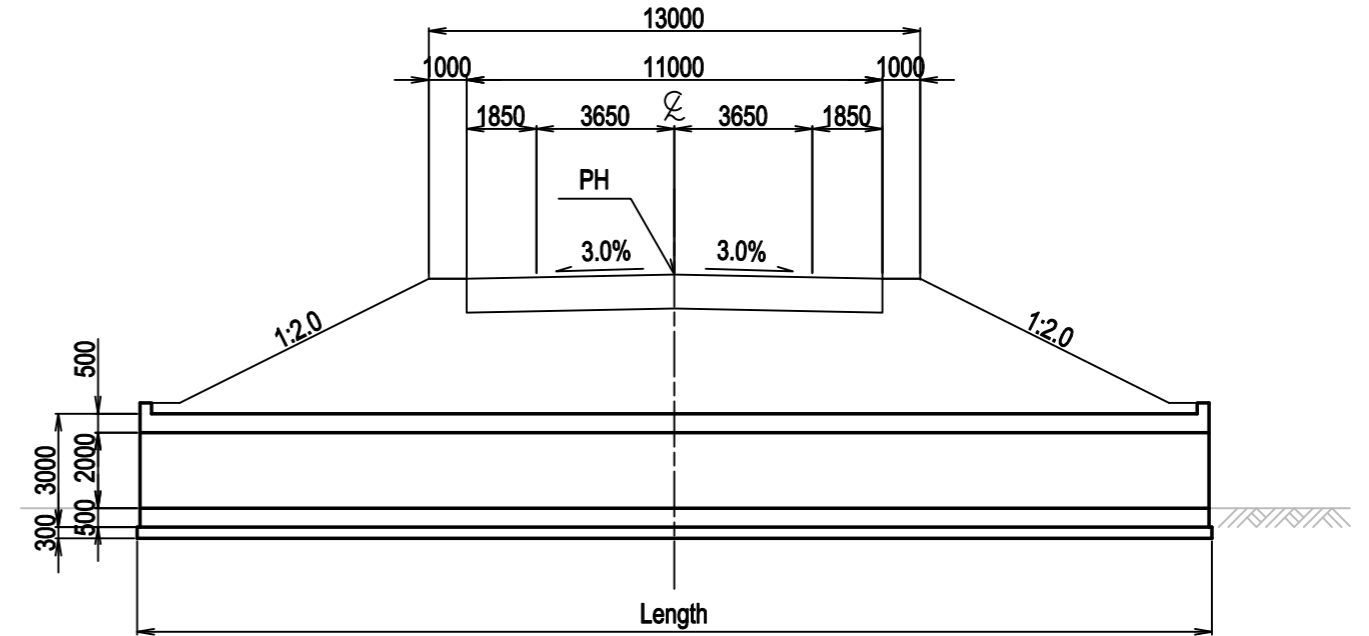
BOX	Location	Existing Bridge Name	Bridge ID	Length(m)
B15	STA.15+700	Heaku Bazar Bridge	R-151_22a	19.0
B20	STA.28+115	Banglabazar Bridge	R-152_8c	20.3
B24	STA.32+305	Baganbazar Bridge	R-152_13a	19.0

# GENERAL VIEW OF BOX CULVERT(H2.0xB2.0)

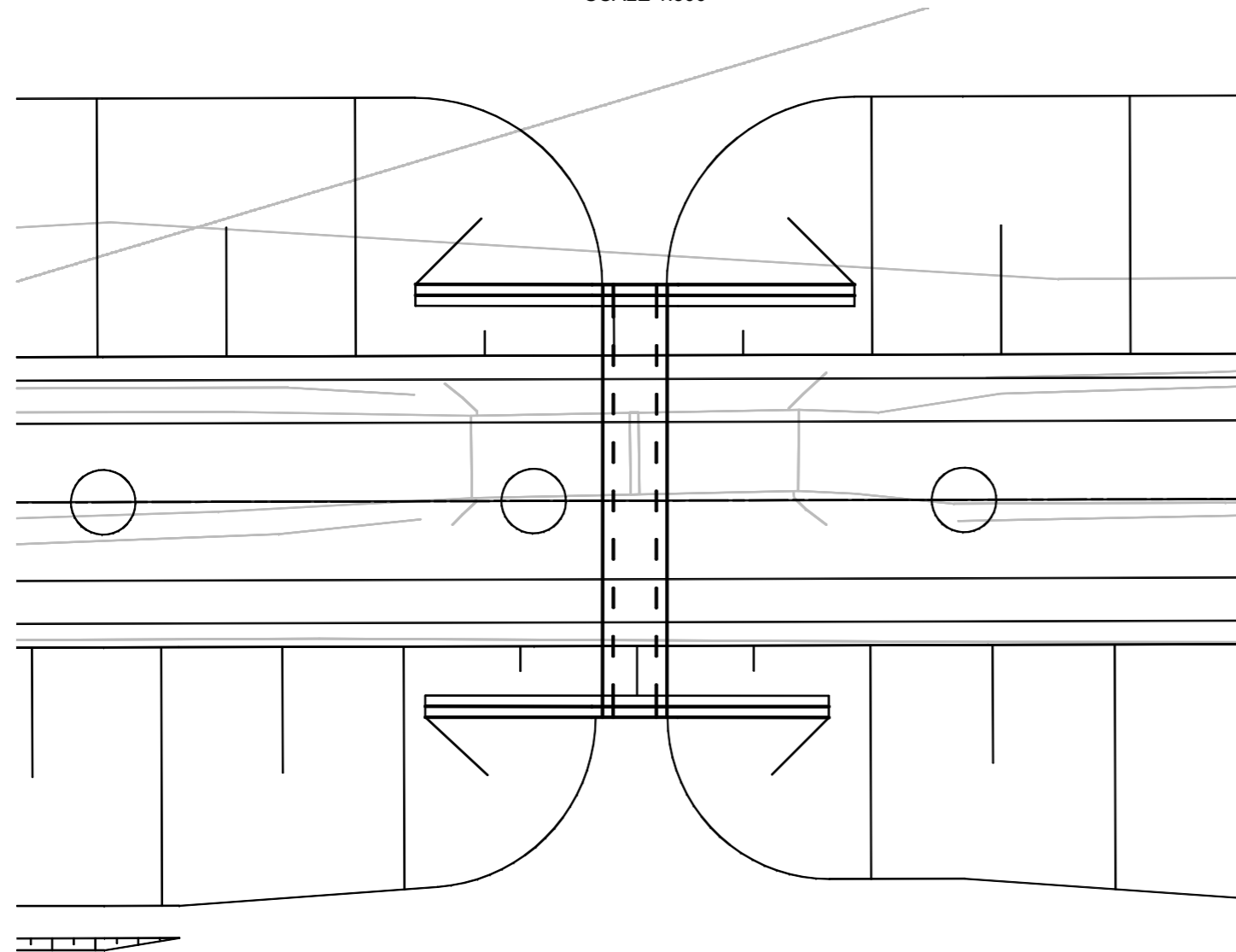
**PROFILE**  
SCALE 1:300



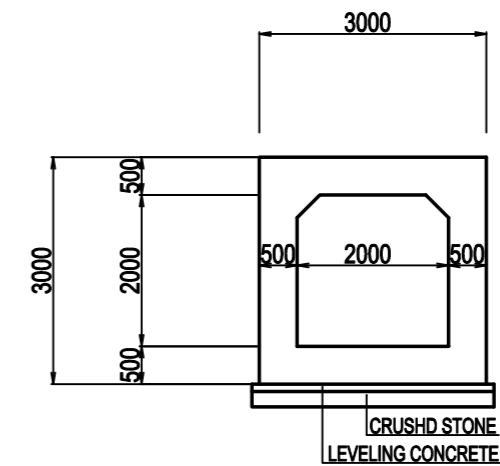
**CROSS SECTION**  
SCALE 1:200



**PLAN**  
SCALE 1:300



**FRONT VIEW OF BOX CULVERT**  
SCALE 1:100



**LIST**

BOX	Location	Existing Bridge Name	Bridge ID	Length(m)
B22	STA.30+065	Bolobil Bridge	R-152_10c	22.8