

বাংলাদেশ পানি উন্নয়ন বোর্ড

নির্বাহী প্রকৌশলীর দপ্তর
মেহেরপুর পানি উন্নয়ন বিভাগ
বাপাটুবো, মেহেরপুর।
ই-মেইল: xenmeherpurbwdb@gmail.com



Office of the Executive Engineer
Meherpur W.D Division
BWDB, Meherpur
Web: http://bwdb.meherpur.gov.bd

স্মারক নং-৪২.০১.৫৭০০.৫০৭.৩৪.০০১.২১-১০২১

তারিখ: ২২-১০-২০২৪ খ্রিঃ।

বিষয়ঃ ডিজাইন ডাটা প্রেরণ প্রসঙ্গে।

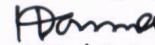
মহোদয়,

যথাযথ সম্মান প্রদর্শন পূর্বক উপর্যুক্ত বিষয়ের আলোকে জানানো যাচ্ছে যে, “পরিচালন ব্যয় ক্ষেত্রে” আওতায় মেহেরপুর পানি উন্নয়ন বিভাগ, বাপাটুবো, মেহেরপুর এর অধীন নিচের ছকে বর্ণিত কাজের ডিজাইন ডাটা আপনার সদয় প্রয়োজনীয় ব্যবস্থা গ্রহণের জন্য এতদসঙ্গে প্রেরণ করা হলো।

ক্রমিক নং	কাজের নাম	মন্তব্য
১	Re-Excavation of Ichamoti Khal from km 0.000 to km 2.850 = 2.850 km at Gangni Upazilla of Meherpur District under Meherpur WD Division , BWDB.	

সংযুক্তিঃ ডিজাইন ডাটার বই-১ সেট (২ প্রস্তে)।

আপনার অনুগত,



22.10.2024

(মোঃ আব্দুল হামান প্রধান)

পরিচিতি নং- ৯৩১২০৫০০১

নির্বাহী প্রকৌশলী (চলতি দায়িত্ব)

মেহেরপুর পানি উন্নয়ন বিভাগ

বাপাটুবো, মেহেরপুর।

তত্ত্বাবধায়ক প্রকৌশলী

কুষ্টিয়া পওর সার্কেল

বাপাটুবো, কুষ্টিয়া।

স্মারক নং- ৪২.০১.৫৭০০.৫০৭.৩৪.০০১.২১-১০২১/১ (৮)

২২-১০-২০২৪ খ্রিঃ।

অনুলিপি সদয় অবগতি/ অবগতি ও প্রয়োজনীয় ব্যবস্থা গ্রহনের জন্য প্রেরণ করা হলোঃ

- ১। প্রধান প্রকৌশলী, পশ্চিমাঞ্চল, বাপাটুবো, ফরিদপুর।
- ২। তত্ত্বাবধায়ক প্রকৌশলী, নকশা সার্কেল-৫, বাপাটুবো, ঢাকা।
- ৩। উপ-বিভাগীয় প্রকৌশলী, মেহেরপুর পানি উন্নয়ন উপ-বিভাগ, বাপাটুবো, মেহেরপুর।
- ৪। দপ্তর কপি।



22.10.2024

নির্বাহী প্রকৌশলী

মেহেরপুর পানি উন্নয়ন বিভাগ

বাপাটুবো, মেহেরপুর।

বাংলাদেশ পানি উন্নয়ন বোর্ড

তত্ত্বাবধায়ক প্রকৌশলীর দপ্তর
কুষ্টিয়া পানি উন্নয়ন সার্কেল
বাপাউবো, কুষ্টিয়া।



ফোন (অফিস) : ৮৮০-৭১-৬১৯০৮
ফোন (বাসা) : ৮৮০-৭১-৭৩৭৫৫
ফ্যাক্স : ৮৮০-৭১-৭৩৭৪৫
ই-মেইল : se.kushtia@gmail.com

স্মারকনং- ৭৮২

বরাবর,
তত্ত্বাবধায়ক প্রকৌশলী
ডিজাইন সার্কেল-৫
বাপাউবো, ঢাকা।

তারিখ: ২৩-২০-২০২৪ খ্রি:

বিষয়ঃ ডিজাইন ডাটা প্রেরণ প্রসঙ্গে।

সূত্রঃ নির্বাহী প্রকৌশলীর দপ্তর মেহেরপুর পানি উন্নয়ন বিভাগ, বাপাউবো, মেহেরপুরের স্মারক নং-৪২.০১.৫৭০০.৫০৭.৩৪.০০১.২১-১০২১;
তারিখ: ২২-১০-২০২৪ খ্রি।

উপর্যুক্ত বিষয়ের আলোকে জানানো যাচ্ছে যে, মেহেরপুর পানি উন্নয়ন বিভাগ, বাপাউবো, মেহেরপুর এর অধীন “পরিচালন ব্যয় খাতের” আওতায় নিচের ছকে বিশিষ্ট কাজের ডিজাইন ডাটা পরবর্তী প্রয়োজনীয় ব্যবস্থা গ্রহণের জন্য এতদসঙ্গে প্রেরণ করা হলো।

ক্রমিকনং	কাজেরনাম	মন্তব্য
১	Re-Excavation of IchamotiKhal from km 0.000 to km 2.850 = 2.850 km at GangniUpazilla of Meherpur District under Meherpur WD Division , BWDB.	

সংযুক্তিঃ ডিজাইন ডাটার বই-১সেট (বই আকারে প্রতিটি ২ প্রশ্নে)।

২৩-১০-২০২৪

(মোঃআব্দুল রাজ্জাক)
পরিচিতি নম্বর-৭৩১২০১০০১
তত্ত্বাবধায়ক প্রকৌশলী
কুষ্টিয়া পানি উন্নয়ন সার্কেল
বাপাউবো, কুষ্টিয়া।

স্মারকনং- ৭৮২/২ (৩)

অনুলিপি সদয় অবগতি/অবগতি ও প্রয়োজনীয় ব্যবস্থা গ্রহণের জন্য প্রেরণ করা হলোঃ
১। প্রধান প্রকৌশলী, পশ্চিমাঞ্চল, বাপাউবো, ফরিদপুর।
২। নির্বাহী প্রকৌশলী, মেহেরপুর পানি উন্নয়ন বিভাগ, বাপাউবো, মেহেরপুর।
৩। দপ্তর কপি।

তারিখ: ২৩-২০-২০২৪ খ্রি:

২৩-১০-২০২৪

তত্ত্বাবধায়ক প্রকৌশলী
কুষ্টিয়া পানি উন্নয়ন সার্কেল
বাপাউবো, কুষ্টিয়া।

BANGLADESH WATER DEVELOPMENT BOARD



DESIGN DATA

for

Re-Excavation of Ichamoti Khal from km 0.000 to km 2.850 = 2.850 km at Gangni Upazilla of Meherpur District under Meherpur WD Division , BWDB.



Scan the QR Code to Get the
Soft copy & Scan copy of the
Design Data.

Name of Division : Meherpur W.D Division, BWDB, Meherpur.

Name of Circle : Kushtia W.D Circle. BWDB, Kushtia.

Name of Zone : Western Zone, BWDB, Faridpur.

কারিগরী প্রতিবেদন

কাজের নাম : Re-Excavation of Ichamoti Khal from km 0.000 to km 2.850 = 2.850 km at Gangni Upazilla of Meherpur District under Meherpur WD Division , BWDB.

মেহেরপুর বাংলাদেশের মুক্তিযুদ্ধকালীন সরকারের স্মৃতিবিজড়িত ভারতের সীমান্তবর্তী জেলা। এই জেলার ভিতর দিয়ে প্রবাহিত কাজলা নদী একটি প্রধান নদী যা মেহেরপুরের বিভিন্ন এলাকার বর্ষা মৌসুমের জমে থাকা জল বহন করে ভৈরব নদ হয়ে মাথাভাঙ্গা নদীতে পড়ে। উক্ত নদীর সাথে ছোট ছোট অনেক নদী খাল আছে যা তার ক্যাচমেন্ট এলাকার বিভিন্ন বিল বা জলাশয়ের পানি বহন করে কাজলা নদীতে আনে। ইছামতি খালটি মেহেরপুর জেলার গাংনী উপজেলার তেতুলবাড়ি ইউনিয়নের রামদেবপুর গ্রামের কালিদহ ও করমদি গ্রামের ইছামতি বিল হতে উৎপত্তি হয়ে হিন্দাৰ কাছা কাছি দুলভপুর ভরাট বিজের কাছে কাজলা নদীতে পতত হয়েছে। খালটির মোট দৈর্ঘ্য ২.৮৫০ কিলোমিটার।

দীর্ঘদিন পুনঃখনন না করার ফলে পলি পড়ে খালের তলদেশ ভরাট সহ দিন দিন বেদখল হয়ে গেছে। যার ফলে উক্ত বিল সহ পাশের নিচু জমিতে বর্ষা মৌসুমী জলাবদ্ধতা সৃষ্টি হয়। পুনঃখনন করা হলে বর্ষা মৌসুমে পানি নিষ্কাশন ব্যবস্থার উন্নয়নসহ শুষ্ক মৌসুমে পানি ধারণ করে রাখবে এবং মৎস্য সম্পদের বৃক্ষ সহ উক্ত ধারণকৃত পানি সেচ কাজে ব্যবহার করা যাবে।

ইছামতি খালটি কাজলা নদীর কিঃমিঃ ৪৩.৬০০ চেইনেজে পতত হয়েছে। উক্ত স্থানে কাজলা নদীর বিদ্যমান গড় বেড লেভেল ১০.৪০ মিঃ(পি.ডাইলিউ.ডি) ইতোমধ্যে কাজলা নদী পুনঃখননের নিমিত্তে প্রাপ্ত ডিজাইনে উক্ত চেইনেজে কাজলা নদীর বেড লেভেল ৬.৫০ মিঃ(পি.ডাইলিউ.ডি), তলদেশের চওড়া ২০.০০ মিটার এবং পার্শ্ব ঢাল ১:২। (কপি সংযুক্ত)

খালটির গতিপথে বিদ্যমান ব্রিজ সমূহের তালিকা নিম্নরূপঃ

ক্রমিক নং	স্থানের নাম	চেইনেজ (কিঃমিঃ)	সিল লেভেল মিঃ (পি.ডাইলিউ.ডি)	প্রস্থ (মিটার)	মন্তব্য
১	গ্রামঃ হিন্দা ইউনিয়নঃ তেতুলবাড়িয়া উপজেলাঃ গাংনী	০.৩০০	১০.৩০	১৩.০০	
২	গ্রামঃ পলাশপাড়া ইউনিয়নঃ তেতুলবাড়িয়া উপজেলাঃ গাংনী	১.৯০০	৯.৯০	১২.০০	
৩	গ্রামঃ পলাশপাড়া ইউনিয়নঃ তেতুলবাড়িয়া উপজেলাঃ গাংনী	২.৩০০	৯.৫০	১৬.০০	
৪	গ্রামঃ করমদি ইউনিয়নঃ তেতুলবাড়িয়া উপজেলাঃ গাংনী	২.৭৫০	৯.৩০	১৩.০০	

খালটি খননের নিমিত্তে ২০২৪-২৫ অর্থ বছরের পরিচালন ব্যয় খাতের আওতায় মেরামত ও সংরক্ষন খাতে বাজেট বরাদ্দ থাকায় মাঠ পর্যায়ে জরীপ পরবর্তী কাজের ডিজাইন ডাটা প্রস্তুত করা হলো। মাঠ পর্যায়ের বাস্তব অবস্থা অনুযায়ী খালের প্রস্তাবিত ডিজাইন নিম্নরূপঃ

প্রস্তাবিত ডিজাইনঃ

চেইনেজ কিঃমিঃ	তলদেশের চওড়া	বেড লেভেল (Mpwd)	পার্শ্ব ঢাল	মন্তব্য
হতে	থেকে	(মিঃ)		
০.০০	২.৮৫০	১০.০০	৮.০০	১:১.৫

Henna
22.10.2024
(মোঃ আব্দুল হামান প্রধান)
পরিচিতি নম্বর-৯৩১২০৫০০১
নির্বাহী প্রকৌশলী
মেহেরপুর পানি উন্নয়ন বিভাগ
বাপাউবো, মেহেরপুর।

(শাস্ত দত্ত) 22.10.24
পরিচিতি নম্বর-৯০১২১৫০০১
উপ-বিভাগীয় প্রকৌশলী
মেহেরপুর পানি উন্নয়ন উপ-বিভাগ
বাপাউবো, মেহেরপুর।

22.10.24
(মোঃ আলমগীর হোসেন)
পরিচিতি নম্বর-৯৪১১০৫০০১
উপ-সহকারী প্রকৌশলী/শাখা কর্মকর্তা
মেহেরপুর পানি উন্নয়ন শাখা
বাপাউবো, মেহেরপুর।

DATA CHECKLIST

Name of the Structure/Work : Re-Excavation of Ichamoti Khal from km 0.000 to km 2.850 = 2.850 km at Gangni Upazilla of Meherpur District under Meherpur WD Division , BWDB.

1. Average Ground Level :- 12.50 m (PWD).
2. Average Embankment Crest Level :- 13.15 m (PWD).
3. Danger Level Of Kazla River :- 13.15 m (PWD).

Hannan Prodhan
22.10.24
(Md Abdul Hannan Prodhan)
ID: 931205001
Executive Engineer (C.C.)
Meherpur WD Division
BWDB, Meherpur.

Shanta Dutta
22.10.24
(Shanta Dutta)
ID No: 901215001
Sub-Divisional Engineer (In-Charge)
Meherpur WD Sub-Division
BWDB, Meherpur

Alamgir Hossain
22.10.24
(Md. Alamgir Hossain)
ID: 941105001
Sub-Assistant Engineer/SO
Meherpur W.D Section
BWDB, Meherpur.

DATA CHECKLIST FOR THE DESIGN OF DRAINAGE SLUICE / REGULATOR / WATER RETENTION STRUCTURE

While submitting proposal for the design of a sluice, Regulator of water control structure, this data checklist shall be filled up and sent to the design office along with other regulator mentioned herewith.

- A. Name of the Project / Scheme : Non Development Revenue Budget.
- B. Name of the Structure/Work : Re-Excavation of Ichamoti Khal from km 0.000 to km 2.850 = 2.850 km at Gangni Upazilla of Meherpur District under Meherpur WD Division , BWDB.
- C. Project area : Gangni Upazila.
- D. Catchments area above the River : 1250.00 ha.

1. PROPOSED OF THE RIVER.

Identify the purpose (s) that has to be served by the structure and put tick mark accordingly.

- | | |
|---|-------------------------------------|
| 1.1 Pre mentioned drainage. | <input checked="" type="checkbox"/> |
| 1.2 Monsoon drainage | <input checked="" type="checkbox"/> |
| 1.3 Post Monsoon drainage | <input checked="" type="checkbox"/> |
| 1.4 Prevention of early flood | <input type="checkbox"/> |
| 1.5 Prevention of flood | <input type="checkbox"/> |
| 1.6 Flushing of irrigation water | <input checked="" type="checkbox"/> |
| 1.7 Retention of Post Monsoon drainage for irrigation | <input checked="" type="checkbox"/> |

2. MAPS : (See Instructions in Annexure - (A))

2.1 GOOGLE MAP : Enclosed .

2.2. INDEX MAP : Enclosed.

2.3. : SITE PLAN : Enclosed.

3.HYDROLOGICAL DATA (See Annexure – (A))

3.1 RAINFALL DATA :

3.1.1 . Is there any rainfall station with in the catchments area ? If yes, specify the name (s) and length of records available ;

Yes

No

Sl No	Station No	Station Name	Length of record available	Remarks
1	223	Hogolbaria, Gangni, Meherpur.		
2	225	Meherpur sador.		

BB

S

MD

3.2: Water level Data :

3.2.1 : Is there any water level station on the out fall of the river at or near the structure site ? If yes, mention the name of the station (s)

Yes

No

3.2.2. : Specify the name of at least one station U/S and the station D/S of the structure site with distance.

U/S Station -205- Kazipur & 206 Hatboalia, 79-Mathabhanga river.

D/S Station -32-Kathuli, 15-(upper) Bhairab river.

3.2.3.1. Is there any water level station on the drainage channel around the proposed structure ? If so specify the name.

Yes

No

3.2.4: Mentioned the highest flood level (H.F.L) over experienced in the basin indicating the source of the record.

H.F.L (over experienced) -1998, (32-Kathuli), from gauge. Level a 11.92 M from average public information.

3.3 DISCHARGE DATA.

3.3.1 Is there any record of discharge on the drainage channel? If so, enclose the data as available:

Yes

No

4. MORFOLOGICAL DATA : (See Annexure - A)

4.1.(a) Are the bank of the outfall river and drainage channel at or near the structure site stable

Yes

No

5. MISCELLANES DATA.

5. 1. Data related with Embankment / road connecting the structure-N/A

5.1.1 : Existing proposed road / embankment profile for at least 50 ft. on each side of the proposed structure-N/A

5.1.2. ; Existing or proposed top elevation, top width and side slope of embankment / road at the structure site.

- i) Top elevation-N/A ii) Top width -N/A
- iii) C / S Slope- N/A iv) R/S slope N/A

5.1.3 Type of expected traffic loading on road/embankment:- N/A

5.1.4 : General classification of road-N/A

5.2.: Data related with aspect :-

5.2.1 Are the existing section and bed slope of the drainage channel adequate for the complete or desire level of drainage ?

Yes

No





5.2.2. If not, does the scheme include the re-sectioning of the drainage channel ? If so, designed cross section and long section may be furnished as requirement indicating para . 4.2. and 4.3 : -Enclosed of cross section and long section.

5.2.3: (a) Is the complete drainage of the basin necessary?

Yes

No

(b) If not, mentioned the drainage level required and distance of such level from the proposed structure site:

Drainage E.L. Requirement N/A PWD

Drainage from the structure site N/A mile (s)

5.2.4. From the field condition proposed the Inverted level of the structure which can allow desired level of drainage.

5.2.5: From the field condition what is the maximum level of acceptable flooding on the basin during drainage period.?

Acceptable flooding level 11.82 mPWD.

6. Other Relevant information:-

Re-Excavation of Ichamoti Khal from km 0.000 to km 2.850 = 2.850 km at Gangni Upazilla of Meherpur District under Meherpur WD Division , BWDB.

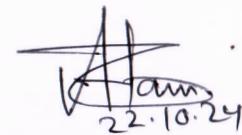
1. Length: 2.850 Km.
2. Existing Bed level : Minimum 9.49 mPWD & Maximum 10.90 mPWD.


22.10.2024

(Md. Abdul Hannan Prodhan)
ID: 931205001
Executive Engineer (C.C.)
Meherpur WD Division
BWDB, Meherpur.

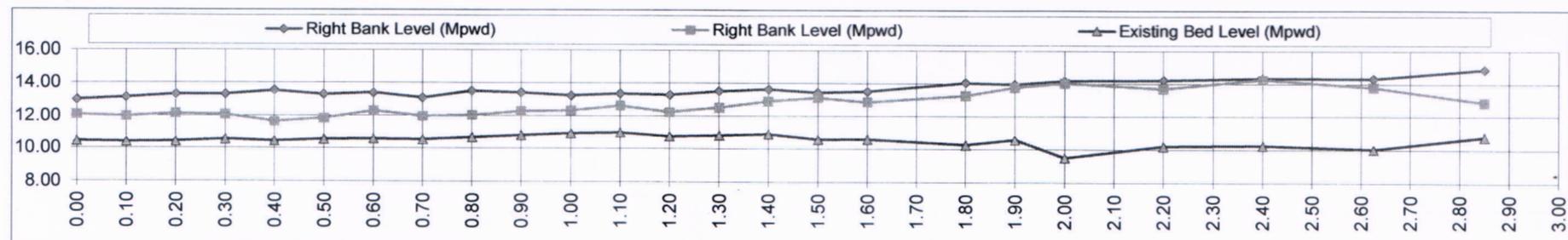

22.10.24

(Shanta Dutta)
ID No: 901215001
Sub-Divisional Engineer (In-Charge)
Meherpur WD Sub-Division
BWDB, Meherpur


22.10.24

(Md. Alamgir Hossain)
ID: 941105001
Sub-Assistant Engineer/SO
Meherpur W.D Section
BWDB, Meherpur.

Long Section for Re-Excavation of Ichamoti Khal from km 0.000 to km 2.850 = 2.850 km at Gangni Upazilla of Meherpur District under Meherpur WD Division , BWDB.



Distance (km)	Left Bank Level (MPWD)	Existing Bed Level (MPWD)	Right Bank Level (MPWD)	Remarks
0.000	12.97	10.41	12.08	
0.100	13.11	10.37	11.97	
0.200	13.29	10.39	12.15	
0.300	13.30	10.52	12.08	
0.400	13.51	10.42	11.65	
0.500	13.28	10.52	11.85	
0.600	13.39	10.54	12.30	
0.700	13.07	10.51	11.98	
0.800	13.48	10.65	12.03	
0.900	13.39	10.78	12.27	
1.000	13.22	10.90	12.32	
1.100	13.35	10.96	12.62	
1.200	13.27	10.73	12.23	
1.300	13.49	10.79	12.52	
1.400	13.62	10.87	12.90	
1.500	13.43	10.56	13.12	
1.600	13.51	10.59	12.86	
1.800	14.03	10.26	13.26	
1.900	13.95	10.57	13.77	
2.000	14.19	9.49	14.04	
2.200	14.22	10.19	13.69	
2.400	14.34	10.25	14.26	
2.625	14.33	10.03	13.79	
2.850	14.89	10.77	12.84	

Damm
22.10.2029
(MD.Abdul Hannan proshan
ID. No. 931205001
Executive Engineer (C.C)
Meherpur W.D Division
BWDB, Meherpur.

Shanta Dutta
22.10.24
(Shanta Dutta)
ID. No. 901215001
Sub-Divisional Engineer (I.C)
Meherpur W.D Sub-Division
BWDB, Meherpur.

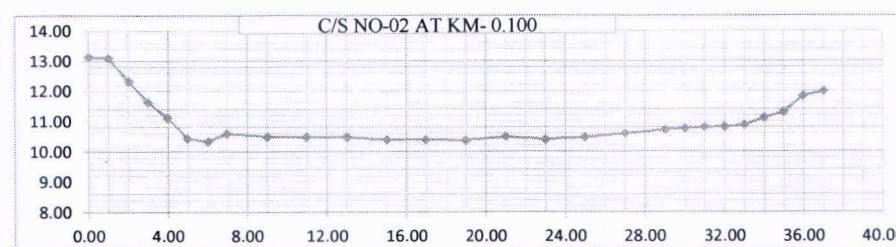
Md. Alamgir Hossain
22.10.24
(Md. Alamgir Hossain)
ID. No. 941105001
Sub-Asstt. Engineer/S.O.
Meherpur WD Section
BWDB, Meherpur.

**Re-Excavation of Ichamoti Khal from km 0.000 to km 2.850 = 2.850 km at Gangni Upazilla of Meherpur District
under Meherpur WD Division , BWDB.**

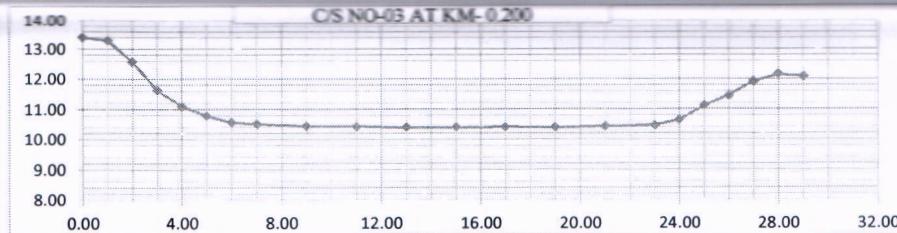
Cross section -1 chainage at km. 0.000		
Distance	RL (m. PWD)	Remarks
0.00	12.97	Ext Road Eadging , L/B
1.00	12.79	
2.00	11.92	
3.00	11.13	
4.00	11.10	
4.50	10.76	
5.00	10.58	
6.00	10.40	
7.00	10.40	
9.00	10.39	
11.00	10.40	
13.00	10.40	
15.00	10.42	
17.00	10.41	
19.00	10.42	
21.00	10.45	
23.00	10.43	
25.00	10.43	
27.00	10.43	
28.00	10.43	
29.00	10.63	
30.00	10.83	
32.00	11.34	
33.00	12.02	
34.00	12.08	



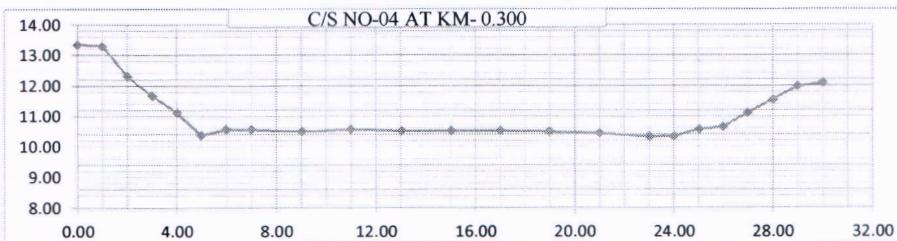
Cross section -2 chainage at km. 0.100		
Distance	RL (m. PWD)	Remarks
0.00	13.12	Ext Road Eadging , L/B
1.00	13.11	
2.00	12.33	
3.00	11.63	
4.00	11.10	
5.00	10.43	
6.00	10.33	
7.00	10.59	
9.00	10.49	
11.00	10.47	
13.00	10.47	
15.00	10.38	
17.00	10.38	
19.00	10.37	
21.00	10.48	
23.00	10.40	
25.00	10.47	
27.00	10.58	
29.00	10.71	
30.00	10.77	
31.00	10.80	
32.00	10.81	
33.00	10.87	
34.00	11.10	
35.00	11.30	
36.00	11.83	
37.00	11.97	



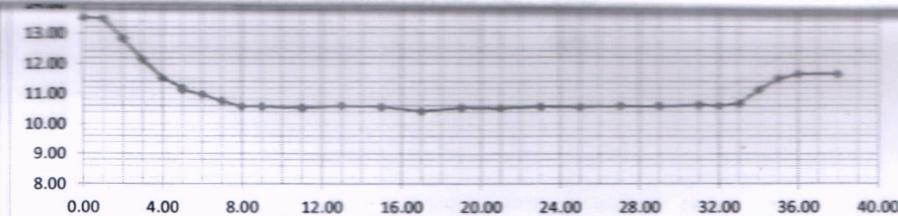
Cross section -3 chainage at km. 0.200		
Distance	RL (m. PWD)	Remarks
0.00	13.39	Ext Road Eadging , L/B
1.00	13.29	
2.00	12.56	
3.00	11.61	
4.00	11.10	
5.00	10.78	
6.00	10.56	
7.00	10.50	
9.00	10.43	
11.00	10.42	
13.00	10.39	
15.00	10.39	
17.00	10.41	
19.00	10.39	
21.00	10.42	
23.00	10.46	
24.00	10.63	
25.00	11.10	
26.00	11.45	
27.00	11.91	
28.00	12.15	
29.00	12.08	



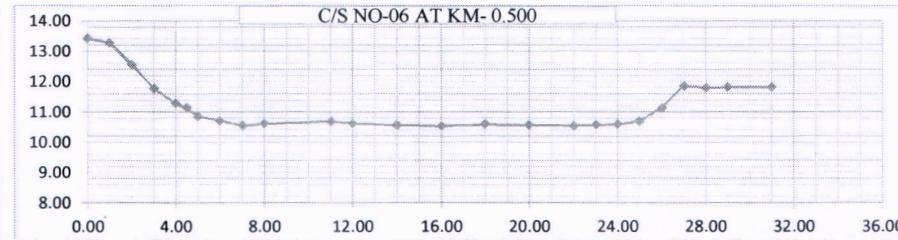
Cross section -4 chainage at km. 0.300		
Distance	RL (m. PWD)	Remarks
0.00	13.35	Ext Road Eadging , L/B
1.00	13.30	
2.00	12.30	
3.00	11.68	
4.00	11.11	
5.00	10.36	
6.00	10.56	
7.00	10.54	
9.00	10.50	
11.00	10.55	
13.00	10.52	
15.00	10.52	
17.00	10.52	
19.00	10.48	
21.00	10.43	
23.00	10.32	
24.00	10.33	
25.00	10.56	
26.00	10.64	
27.00	11.11	
28.00	11.55	
29.00	11.97	
30.00	12.08	



Distance	RL (m. PWD)	Remarks
0.00	13.54	Ext Road Edging , L/B
1.00	13.51	
2.00	12.83	
3.00	12.15	
4.00	11.53	
5.00	11.19	
5.00	11.13	
6.00	10.97	
7.00	10.74	
8.00	10.57	
9.00	10.58	
11.00	10.52	
13.00	10.60	
15.00	10.56	
17.00	10.42	
19.00	10.53	
21.00	10.51	
23.00	10.57	
25.00	10.55	
27.00	10.60	
29.00	10.59	
31.00	10.62	
32.00	10.61	
33.00	10.68	
34.00	11.13	
35.00	11.49	
36.00	11.65	
38.00	11.65	

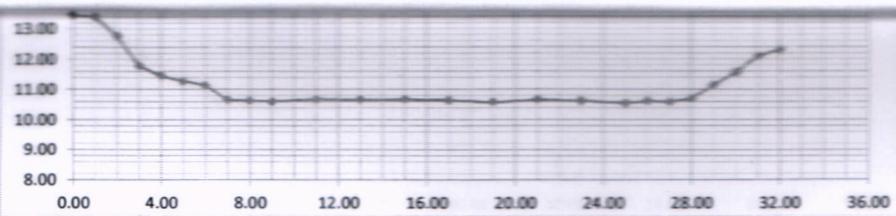


Cross section -6 chainage at km. 0.500		
Distance	RL (m. PWD)	Remarks
0.00	13.42	Ext Road Edging , L/B
1.00	13.28	
2.00	12.54	
3.00	11.78	
4.00	11.28	
4.50	11.13	
5.00	10.85	
6.00	10.70	
7.00	10.53	
8.00	10.60	
11.00	10.68	
12.00	10.61	
14.00	10.56	
16.00	10.52	
18.00	10.58	
20.00	10.56	
22.00	10.54	
23.00	10.57	
24.00	10.58	
25.00	10.69	
26.00	11.13	
27.00	11.85	
28.00	11.79	
29.00	11.81	
31.00	11.81	

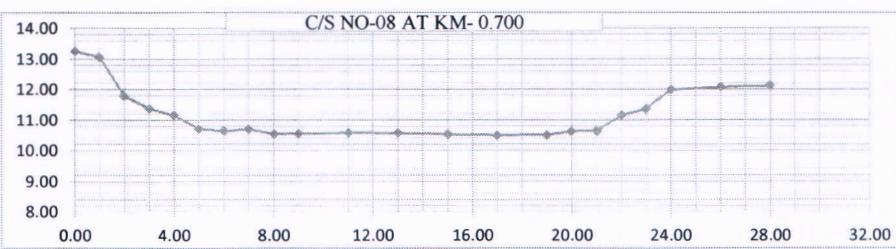


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Unnumbered	RL (m. PWD)	Remarks
0.00	13.45	Ext Road Eadging , L/B
1.00	13.39	
2.00	12.77	
3.00	11.79	
4.00	11.45	
5.00	11.28	
6.00	11.14	
7.00	10.65	
8.00	10.63	
9.00	10.60	
11.00	10.68	
13.00	10.65	
15.00	10.67	
17.00	10.64	
19.00	10.57	
21.00	10.65	
23.00	10.62	
25.00	10.54	
26.00	10.61	
27.00	10.59	
28.00	10.70	
29.00	11.14	
30.00	11.56	
31.00	12.10	
32.00	12.30	

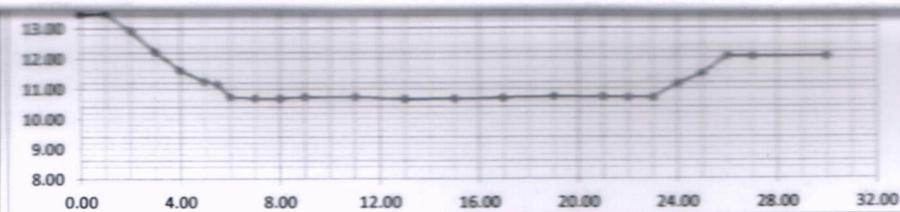


Cross section -8 chainage at km. 0.700		
Distance	RL (m. PWD)	Remarks
0.00	13.26	Ext Road Eadging , L/B
1.00	13.07	
2.00	11.78	
3.00	11.37	
4.00	11.14	
5.00	10.70	
6.00	10.63	
7.00	10.69	
8.00	10.54	
9.00	10.55	
11.00	10.58	
13.00	10.57	
15.00	10.53	
17.00	10.49	
19.00	10.51	
20.00	10.62	
21.00	10.64	
22.00	11.14	
23.00	11.35	
24.00	11.98	
26.00	12.07	
28.00	12.12	

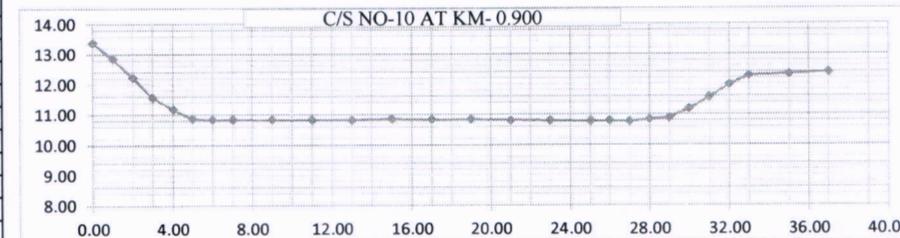


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Distance	RL (m. PWD)	Remarks
0.00	13.44	Ext Road Eadging , L/B
1.00	13.48	
2.00	12.91	
3.00	12.22	
4.00	11.61	
5.00	11.23	
5.50	11.15	
6.00	10.73	
7.00	10.68	
8.00	10.68	
9.00	10.73	
11.00	10.73	
13.00	10.65	
15.00	10.66	
17.00	10.69	
19.00	10.73	
21.00	10.71	
22.00	10.71	
23.00	10.69	
24.00	11.15	
25.00	11.48	
26.00	12.06	
27.00	12.03	
30.00	12.03	

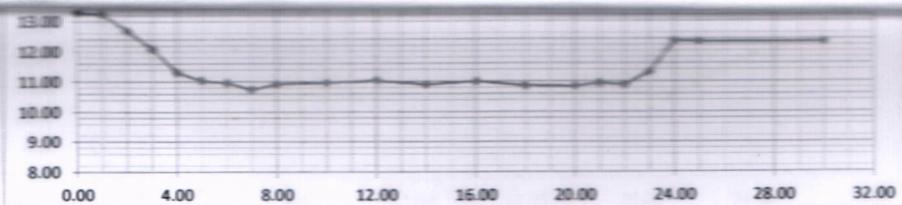


Cross section -10 chainage at km. 0.900		
Distance	RL (m. PWD)	Remarks
0.00	13.39	Ext Road Eadging , L/B
1.00	12.84	
2.00	12.24	
3.00	11.56	
4.00	11.18	
5.00	10.85	
6.00	10.82	
7.00	10.83	
9.00	10.82	
11.00	10.81	
13.00	10.82	
15.00	10.84	
17.00	10.82	
19.00	10.83	
21.00	10.81	
23.00	10.79	
25.00	10.78	
26.00	10.78	
27.00	10.77	
28.00	10.83	
29.00	10.89	
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35.00	12.33	
37.00	12.38	

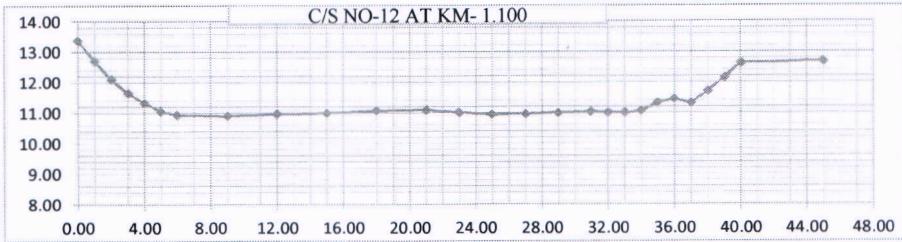


20/07/2023
Signature

Distance	RL (m. PWD)	Remarks
0.00	13.29	Ext Road Eadging , L/B
1.00	13.22	
2.00	12.68	
3.00	12.09	
4.00	11.31	
5.00	11.03	
6.00	10.96	
7.00	10.73	
8.00	10.92	
10.00	10.96	
12.00	11.03	
14.00	10.90	
16.00	11.00	
18.00	10.86	
20.00	10.84	
21.00	10.94	
22.00	10.89	
23.00	11.31	
24.00	12.32	
25.00	12.30	
30.00	12.30	



Cross section -12 chainage at km. 1.100		
Distance	RL (m. PWD)	Remarks
0.00	13.35	Ext Road Eadging , L/B
1.00	12.70	
2.00	12.10	
3.00	11.65	
4.00	11.32	
5.00	11.05	
6.00	10.92	
9.00	10.89	
12.00	10.95	
15.00	10.98	
18.00	11.06	
21.00	11.08	
23.00	11.01	
25.00	10.93	
27.00	10.96	
29.00	11.00	
31.00	11.03	
32.00	11.01	
33.00	10.99	
34.00	11.04	
35.00	11.32	
36.00	11.44	
37.00	11.30	
38.00	11.71	
39.00	12.15	
40.00	12.62	
45.00	12.68	

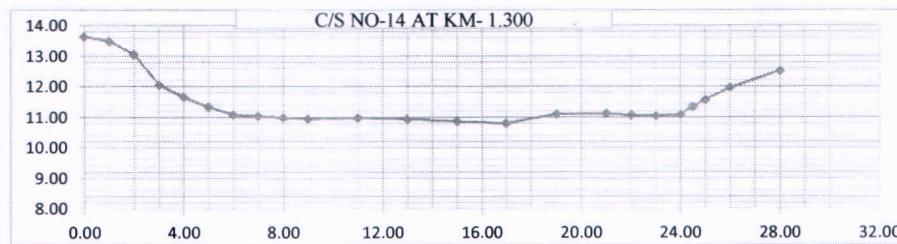


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Distance	RL (m. PWD)	Remarks
0.00	13.38	Ext Road Eadging , L/B
1.00	13.27	
2.00	12.67	
3.00	11.83	
4.00	11.34	
5.00	11.05	
6.00	10.86	
7.00	10.80	
8.00	10.73	
10.00	10.76	
12.00	10.73	
14.00	10.74	
16.00	10.68	
18.00	10.81	
20.00	10.82	
21.00	10.61	
22.00	11.13	
22.50	11.34	
23.00	11.57	
24.00	12.05	
25.00	12.23	

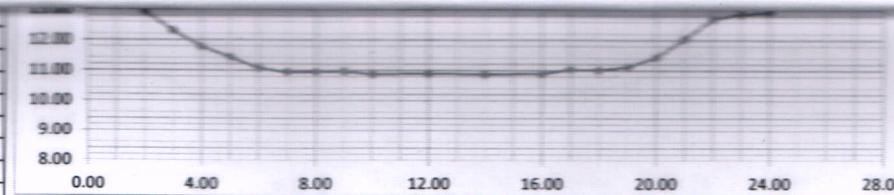


Cross section -14 chainage at km. 1.300		
Distance	RL (m. PWD)	Remarks
0.00	13.63	Ext Road Eadging , L/B
1.00	13.49	
2.00	13.05	
3.00	12.04	
4.00	11.64	
5.00	11.33	
6.00	11.08	
7.00	11.03	
8.00	10.97	
9.00	10.94	
11.00	10.96	
13.00	10.94	
15.00	10.86	
17.00	10.79	
19.00	11.10	
21.00	11.11	
22.00	11.06	
23.00	11.04	
24.00	11.08	
24.50	11.33	
25.00	11.57	
26.00	11.95	
28.00	12.52	

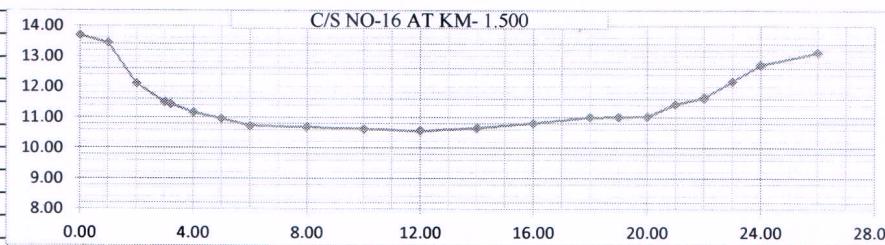


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Distance	RL (m. PWD)	Ext Road Edging , L/B
0.00	12.95	
1.00	13.62	
2.00	12.93	
3.00	12.30	
4.00	11.78	
5.00	11.43	
6.00	11.07	
7.00	10.93	
8.00	10.96	
9.00	10.96	
10.00	10.87	
12.00	10.88	
14.00	10.87	
16.00	10.88	
17.00	11.03	
18.00	11.00	
19.00	11.12	
20.00	11.43	
21.00	12.03	
22.00	12.68	
23.00	12.86	
24.00	12.90	

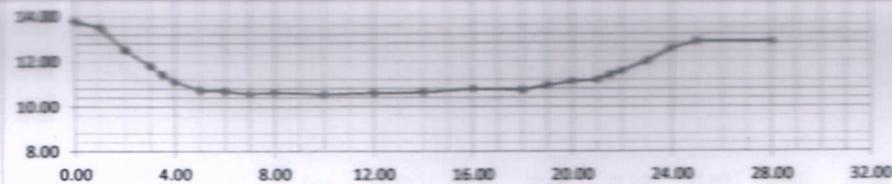


Cross section -16 chainage at km. 1.500		
Distance	RL (m. PWD)	Remarks
0.00	13.67	Ext Road Eadging , L/B
1.00	13.43	
2.00	12.10	
3.00	11.48	
3.20	11.43	
4.00	11.16	
5.00	10.96	
6.00	10.73	
8.00	10.68	
10.00	10.62	
12.00	10.56	
14.00	10.65	
16.00	10.81	
18.00	11.00	
19.00	11.01	
20.00	11.02	
21.00	11.43	
22.00	11.64	
23.00	12.17	
24.00	12.72	
26.00	13.12	

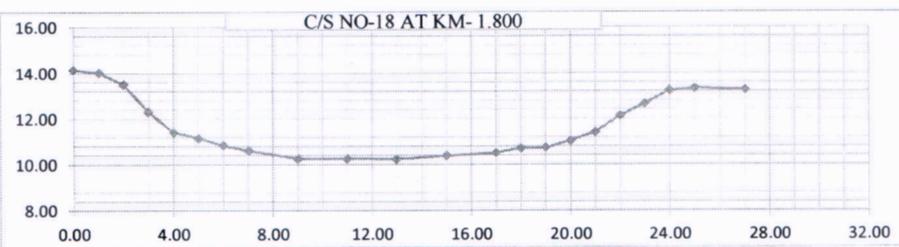


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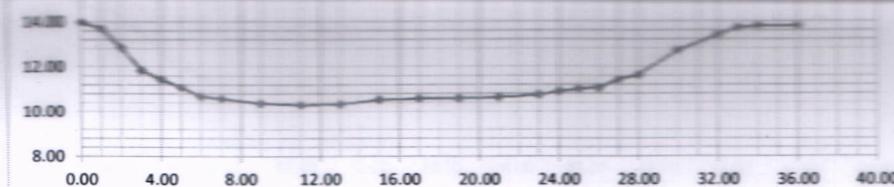
0.00	13.77	Ext Road Eadging , L/B
1.00	13.51	
2.00	12.51	
3.00	11.79	
3.50	11.43	
4.00	11.11	
5.00	10.73	
6.00	10.68	
7.00	10.56	
8.00	10.63	
10.00	10.54	
12.00	10.59	
14.00	10.63	
16.00	10.79	
18.00	10.73	
19.00	10.93	
20.00	11.10	
21.00	11.18	
21.50	11.43	
22.00	11.57	
23.00	12.01	
24.00	12.56	
25.00	12.86	
28.00	12.86	



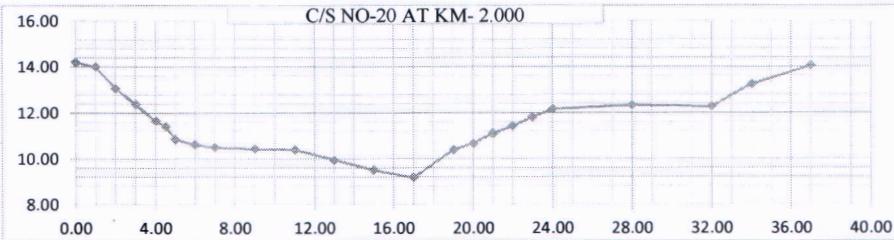
Cross section -18 chainage at km. 1.800		
Distance	RL (m. PWD)	Remarks
0.00	14.14	Ext Road Eadging , L/B
1.00	14.03	
2.00	13.51	
3.00	12.31	
4.00	11.42	
5.00	11.17	
6.00	10.83	
7.00	10.62	
9.00	10.27	
11.00	10.26	
13.00	10.24	
15.00	10.38	
17.00	10.50	
18.00	10.72	
19.00	10.72	
20.00	11.05	
21.00	11.42	
22.00	12.12	
23.00	12.65	
24.00	13.23	
25.00	13.32	
27.00	13.26	



Distance	RL (m. PWD)	Remarks
0.00	13.95	Ext Road Eadging , L/B
1.00	13.72	
2.00	12.84	
3.00	11.83	
4.00	11.42	
5.00	11.08	
6.00	10.67	
7.00	10.56	
9.00	10.36	
11.00	10.29	
13.00	10.32	
15.00	10.51	
17.00	10.57	
19.00	10.57	
21.00	10.63	
23.00	10.73	
24.00	10.89	
25.00	11.00	
26.00	11.05	
27.00	11.42	
28.00	11.62	
30.00	12.70	
32.00	13.39	
33.00	13.71	
34.00	13.77	
36.00	13.77	

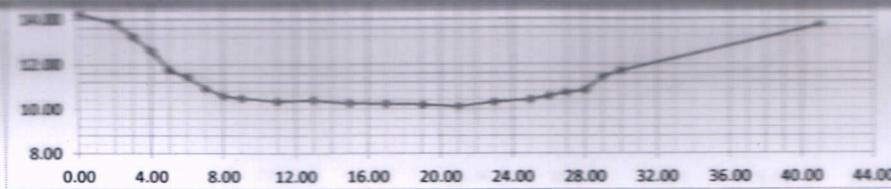


Cross section -20 chainage at km. 2.000		
Distance	RL (m. PWD)	Remarks
0.00	14.19	Ext Road Eadging , L/B
1.00	13.98	
2.00	13.08	
3.00	12.38	
4.00	11.64	
4.50	11.41	
5.00	10.84	
6.00	10.59	
7.00	10.49	
9.00	10.40	
11.00	10.38	
13.00	9.94	
15.00	9.49	
17.00	9.16	
19.00	10.38	
20.00	10.67	
21.00	11.09	
22.00	11.41	
23.00	11.81	
24.00	12.15	
28.00	12.34	
32.00	12.26	
34.00	13.23	
37.00	14.04	Ext Road Eadging

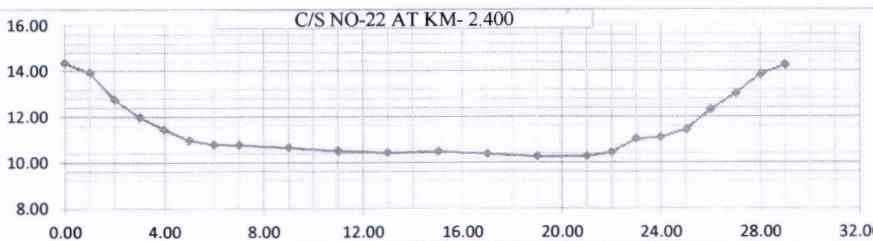


[Handwritten signatures]

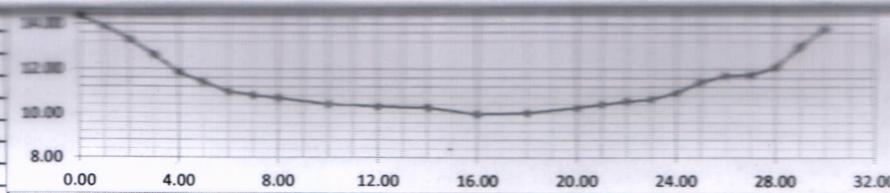
0.00	14.34	Ext Road Eadging , L/B
2.00	13.95	
3.00	13.23	
4.00	12.61	
5.00	11.75	
6.00	11.43	
7.00	10.93	
8.00	10.59	
9.00	10.49	
11.00	10.35	
13.00	10.39	
15.00	10.25	
17.00	10.24	
19.00	10.19	
21.00	10.11	
23.00	10.30	
25.00	10.42	
26.00	10.57	
27.00	10.73	
28.00	10.81	
29.00	11.43	
30.00	11.69	
41.00	13.69	Ext Road Eadging



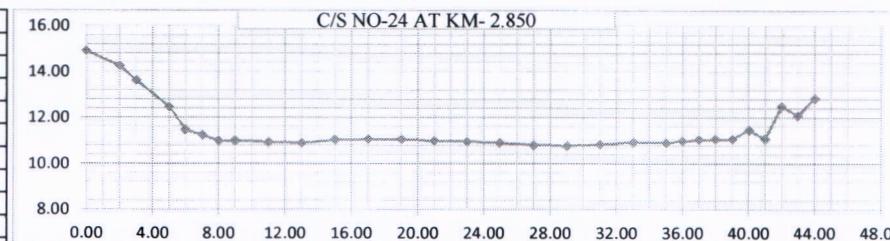
Cross section -22 chainage at km. 2.400		
Distance	RL (m. PWD)	Remarks
0.00	14.34	Ext Road Eadging , L/B
1.00	13.90	
2.00	12.76	
3.00	11.98	
4.00	11.44	
5.00	10.97	
6.00	10.78	
7.00	10.77	
9.00	10.64	
11.00	10.50	
13.00	10.42	
15.00	10.48	
17.00	10.37	
19.00	10.25	
21.00	10.27	
22.00	10.43	
23.00	11.02	
24.00	11.10	
25.00	11.44	
26.00	12.31	
27.00	13.01	
28.00	13.83	
29.00	14.26	Ext Road Eadging



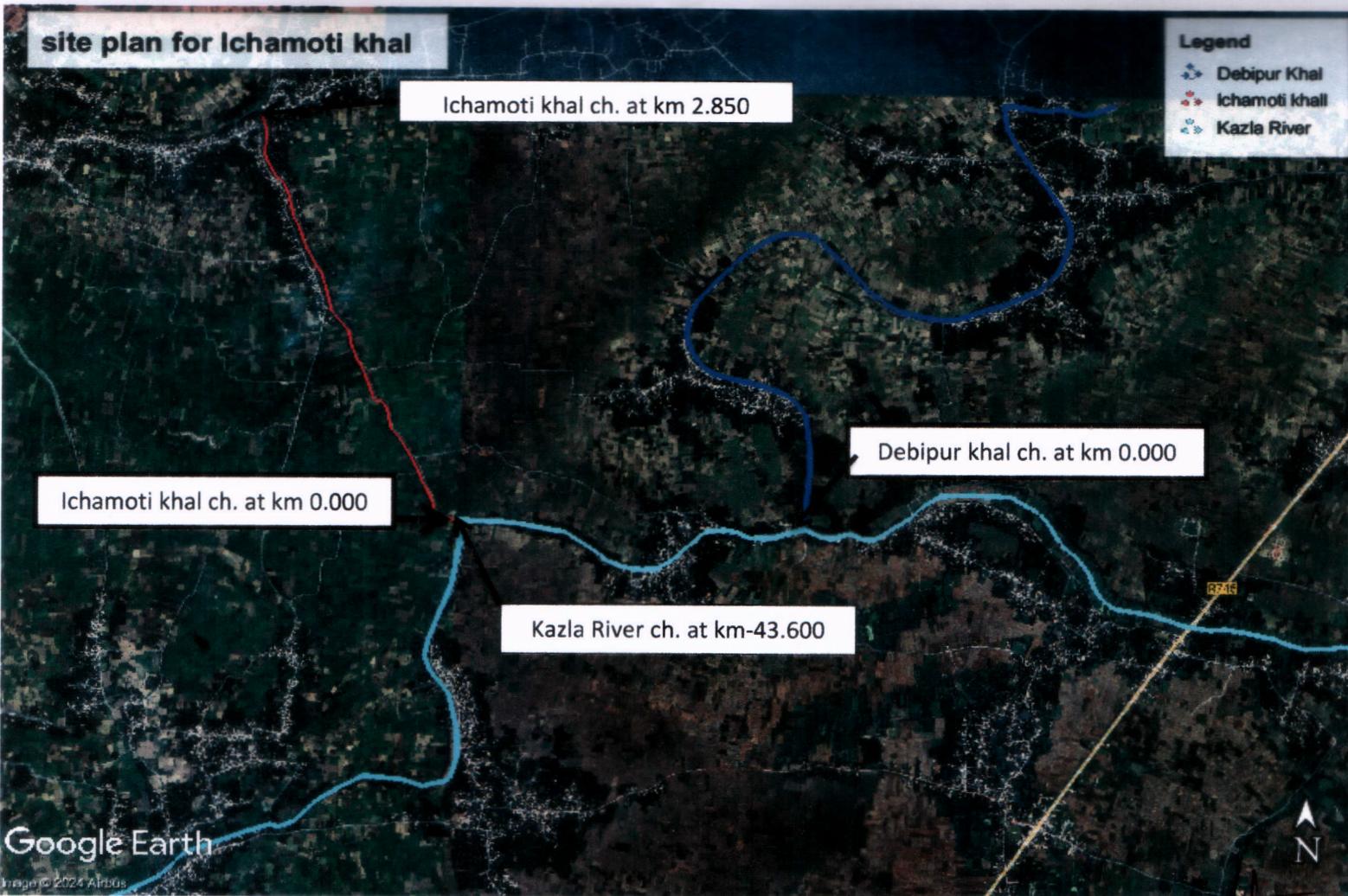
Distance	RL (m. PWD)
1.00	13.90
2.00	13.31
3.00	12.62
4.00	11.84
5.00	11.42
6.00	10.98
7.00	10.83
8.00	10.70
10.00	10.44
12.00	10.32
14.00	10.27
16.00	9.97
18.00	10.03
20.00	10.27
21.00	10.41
22.00	10.55
23.00	10.65
24.00	10.93
25.00	11.42
26.00	11.70
27.00	11.73
28.00	12.07
29.00	12.99
30.00	13.79
40.00	Ext Road



Cross section -24 chainage at km. 2.850		
Distance	RL (m. PWD)	Remarks
0.00	14.89	Ext Road Eadging , L/B
2.00	14.23	
3.00	13.61	
5.00	12.47	
6.00	11.45	
7.00	11.23	
8.00	10.97	
9.00	10.98	
11.00	10.93	
13.00	10.88	
15.00	11.01	
17.00	11.04	
19.00	11.05	
21.00	10.97	
23.00	10.96	
25.00	10.89	
27.00	10.80	
29.00	10.77	
31.00	10.83	
33.00	10.92	
35.00	10.91	
36.00	10.97	
37.00	11.02	
38.00	11.05	
39.00	11.05	
40.00	11.46	
41.00	11.06	
42.00	12.48	
43.00	12.08	
44.00	12.84	pond dayke top



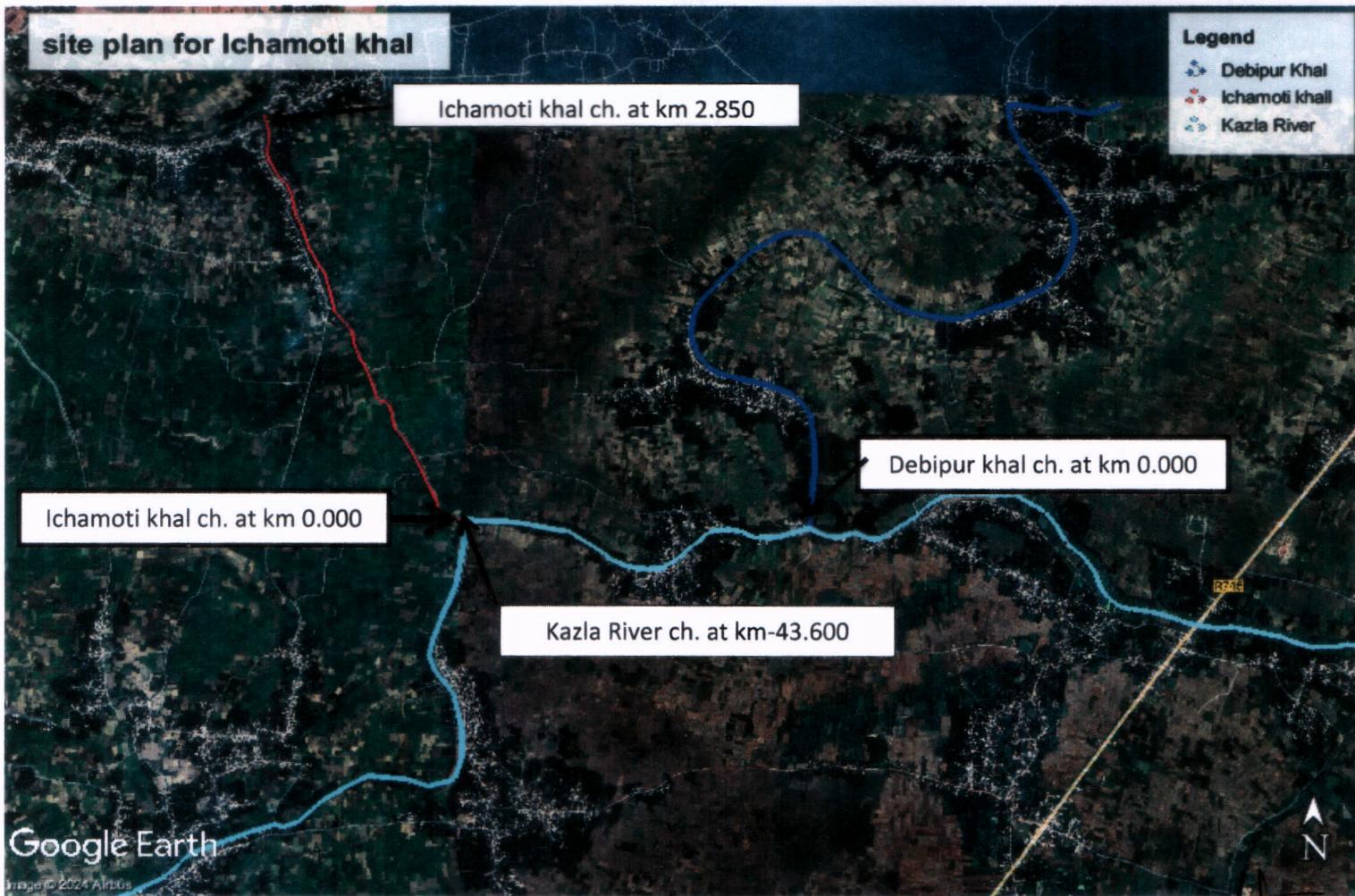
M/S
T.S



Hannan
22.10.24
(Md. Abdul Hannan Prodhan)
ID No- 931205001
Executive Engineer (C.C)
Meherpur WD Division
BWDB, Meherpur.

Duttto
22.10.24
(Shanta Dutto)
ID No- 901215001
Sub-Divisional Engineer (I.C)
Meherpur WD Sub-Division
BWDB, Meherpur.

Hossain
22.10.24
(Md. Alamgir Hossain)
ID No- 941105001
S.A.E/SO
Meherpur WD Section
BWDB, Meherpur.

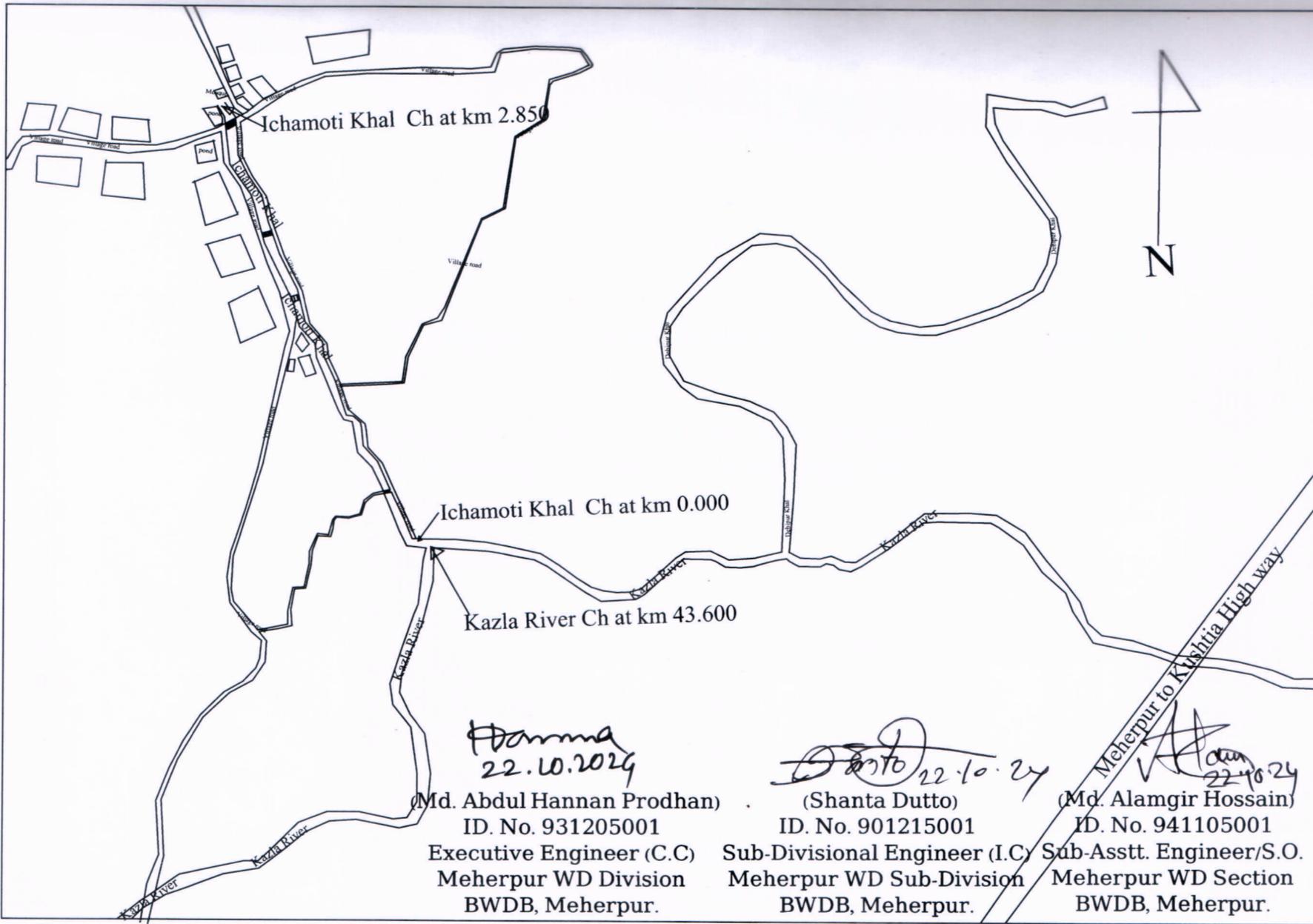


Dhanna
22.10.2029
(Md. Abdul Hannan Prodhan)
ID No- 931205001
Executive Engineer (C.C)
Meherpur WD Division
BWDB, Meherpur.

Dutta
22.10.29
(Shanta Dutta)
ID No- 901215001
Sub-Divisional Engineer (I.C)
Meherpur WD Sub-Division
BWDB, Meherpur.

Hossain
22.10.24
(Md. Alamgir Hossain)
ID No- 941105001
S.A.E/SO
Meherpur WD Section
BWDB, Meherpur.

Site plan for Re-Excavation of Ichamoti Khal from km 0.000 to km 2.850 = 2.850 km at Gangni Upazilla of Meherpur District under Meherpur WD Division , BWDB.



Bangladesh Water Development Board

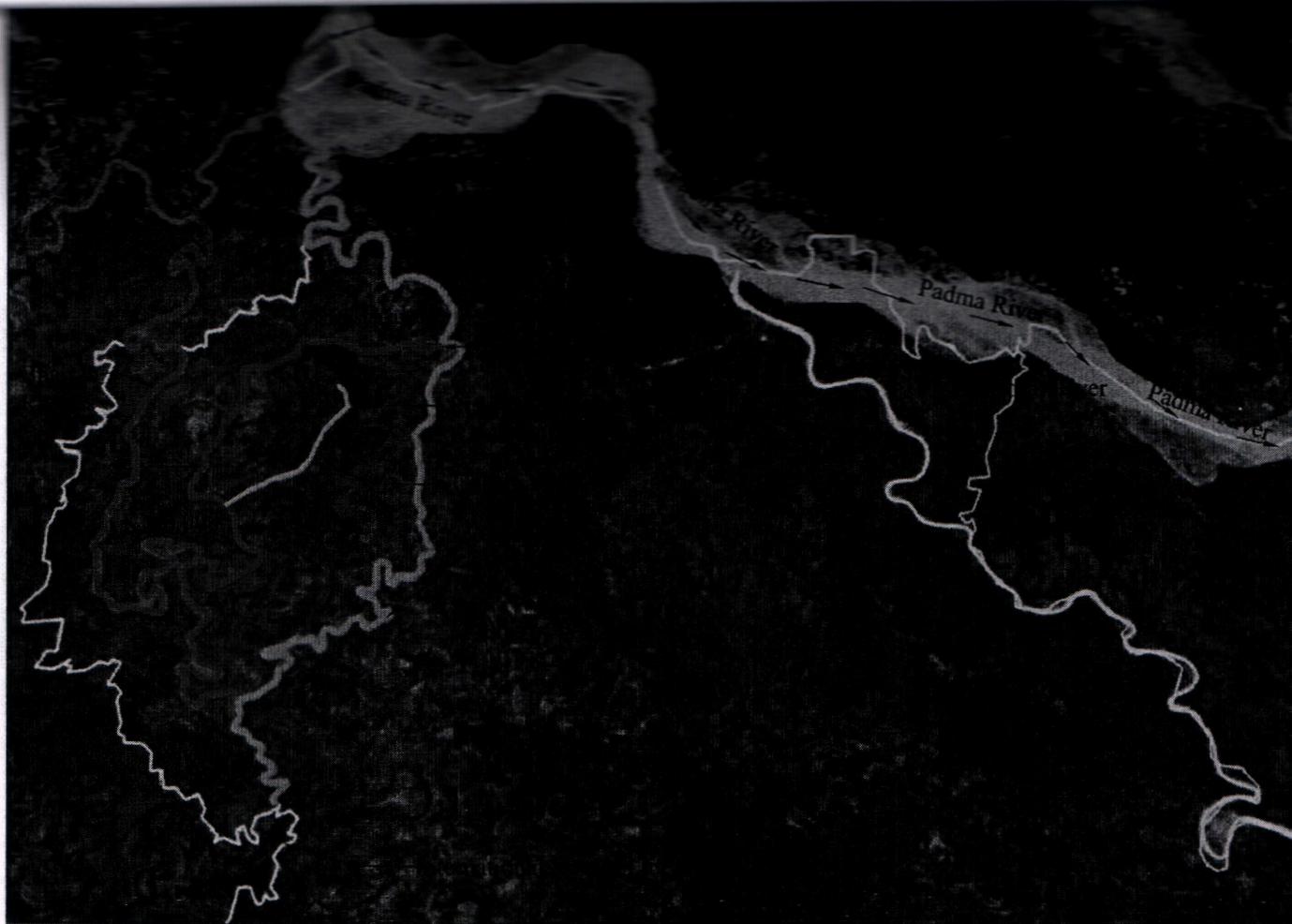


"Re-Excavation of Kazla River in Meherpur District "

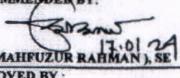
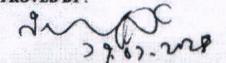
Re-excavation of Kazla River from Km 0.000 to Km 57.250 at Meherpur Sadar Upazila and Gangni Upazila of Meherpur District under Meherpur WD Division, BWDB, Meherpur.

Meherpur WD Division, BWDB, Meherpur.

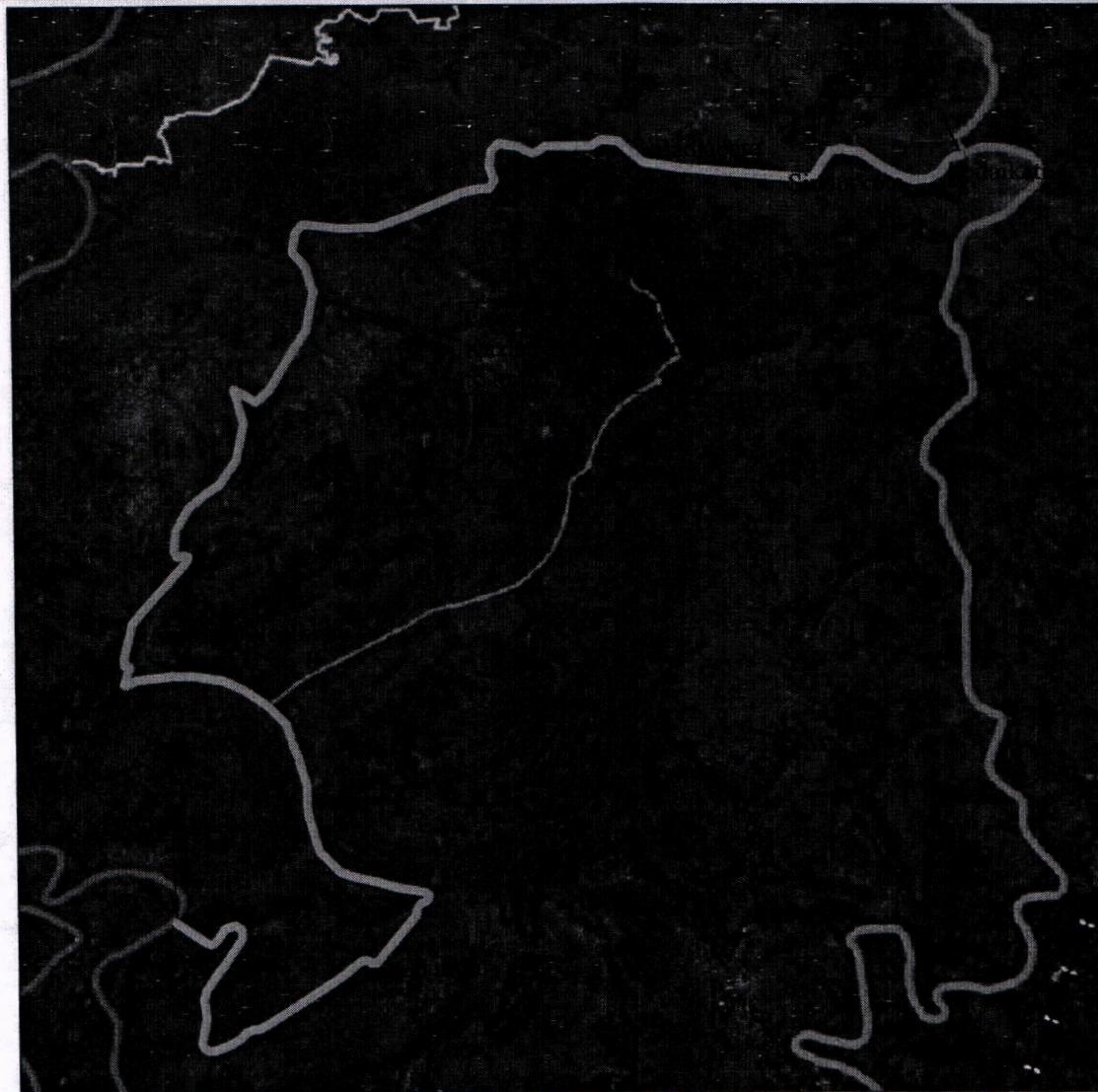
Designed by: Design Circle-5, BWDB, Dhaka.
January, 2024



SITE PLAN OF KAZLA RIVER (Google Map)
(Not to Scale)

BANGLADESH WATER DEVELOPMENT BOARD OFFICE OF THE SUPERINTENDING ENGINEER DESIGN CIRCLE-5				
Re-Excavation of Kazla River in Meherpur District				
Re-excavation of Kazla River from Km 0.000 to Km 57.250 at Meherpur Sadar Upazila and Gangni Upazila of Meherpur District under Meherpur WD Division, BWDB, Meherpur.				
TITLE: SITE PLAN (GOOGLE MAP)				
DESIGNED BY:  (FARZANA AFSARI), AE	RECOMMENDED BY:  (MD. MAHFUZUR RAHMAN), SE 17.01.24			
CHECKED BY:  (MD. KAMRUL HASAN), EE	APPROVED BY:  (MD. ENAYET ULLAH), CE, DESIGN 17.01.24			
DATE: 17-01-2024 DWG NO.: DC-5-5703-01/34				

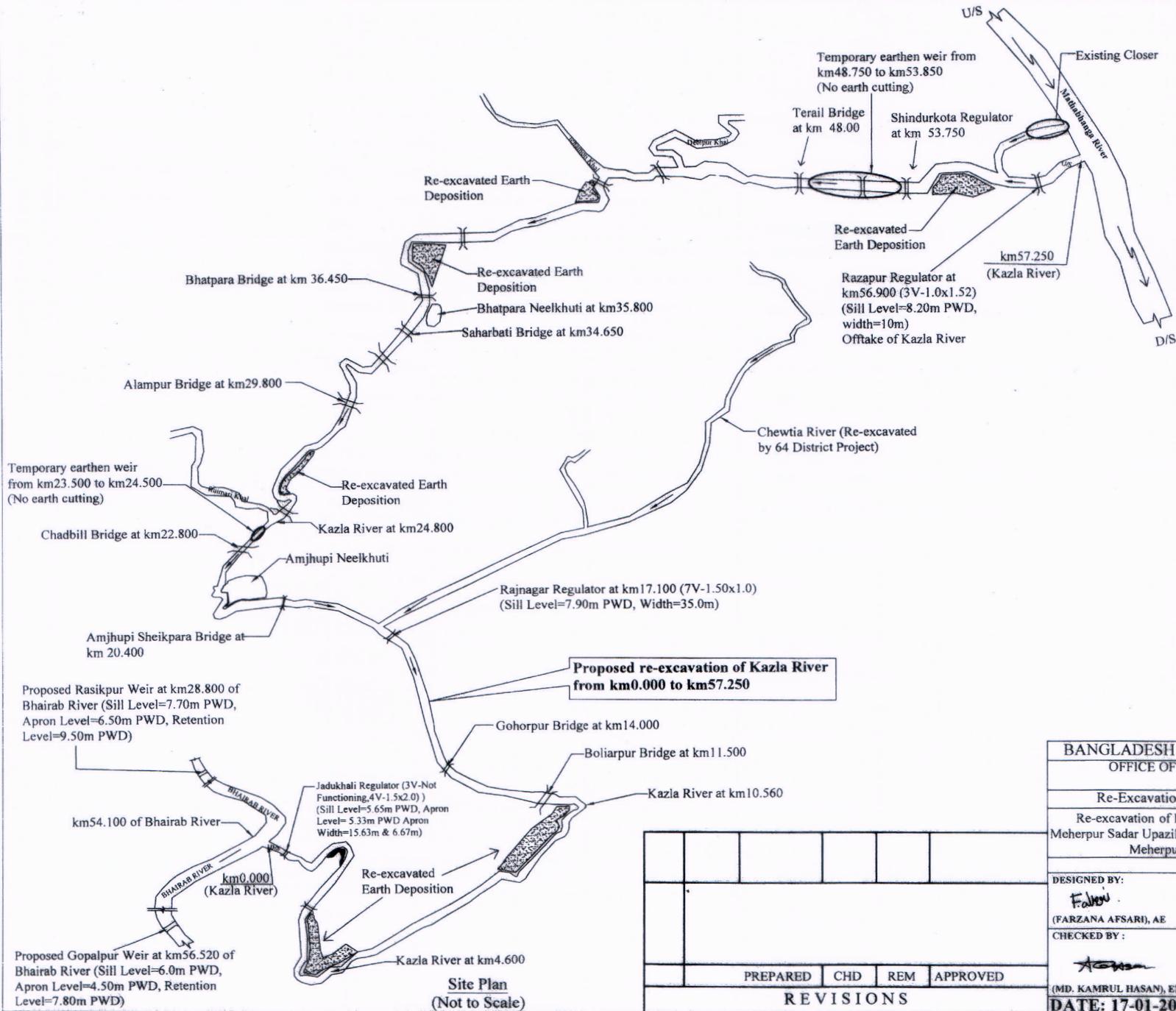
PREPARED	CHD	REM	APPROVED	
REVISIONS				



SITE PLAN OF KAZLA RIVER (Google Map)

(Not to Scale)

	PREPARED	CHD	REM	APPROVED	
REVISIONS					
DESIGNED BY:	RECOMMENDED BY:				
F. Afsari (FARZANA AFSARI), AE	17.01.24 (MD. MAHFUZUR RAHMAN), SE				
CHECKED BY:	APPROVED BY:				
A. Hasan (MD. KAMRUL HASAN), EE	24.01.2028 (MD. ENAYET ULLAH), CE, DESIGN				
DATE: 17-01-2024 DWG NO.: DC-5-5703-02/34					



BANGLADESH WATER DEVELOPMENT BOARD OFFICE OF THE SUPERINTENDING ENGINEER DESIGN CIRCLE-5										
Re-excavation of Kazla River in Meherpur District										
Re-excavation of Kazla River from Km 0.000 to Km 57.250 at Meherpur Sadar Upazila and Gangni Upazila of Meherpur District under Meherpur WD Division, BWDB, Meherpur.										
TITLE: SITE PLAN										
DESIGNED BY: <i>Fazlur</i> (FARZANA AFSARI), AE	RECOMMENDED BY: <i>M. Mahfuzur Rahman</i> (MD. MAHFUZUR RAHMAN), SE									
CHECKED BY: <i>A. Hasan</i> (MD. KAMRUL HASAN), EE	APPROVED BY: <i>Enayetullah</i> (MD. ENAYET ULLAH), CE, DESIGN									
PREPARED CHD REM APPROVED										
REVISIONS										
DATE: 17-01-2024 DWG NO.: DC-5-5703-03/34										

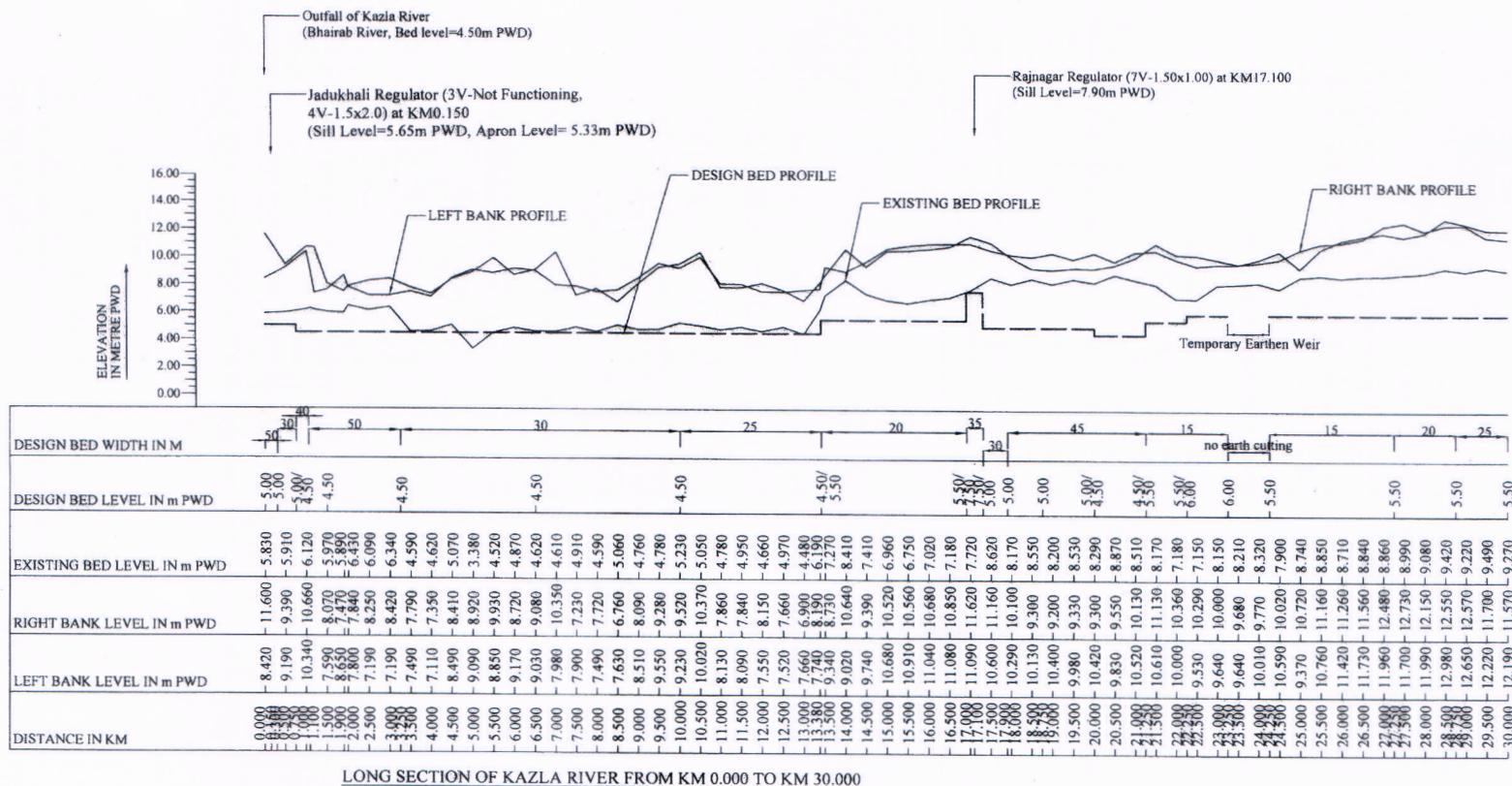
GENERAL NOTES AND SPECIFICATIONS :

1. WORK SHOULD BE EXECUTED AFTER ADMINISTRATIVE AND FINANCIAL APPROVAL AND TECHNICAL SANCTION FROM THE COMPETENT AUTHORITY. AND WITHIN DPP OR BUDGET PROVISION.
2. ALL DIMENSIONS ARE IN MILLIMETRE & ALL ELEVATIONS ARE IN METRE PWD UNLESS OTHERWISE MENTIONED IN THE DRAWING.
3. FOR ANY ERROR, OMISSION OR CONFUSION PLEASE REFER TO THIS OFFICE AS QUICK AS POSSIBLE FOR NECESSARY ACTION.
4. ALL MATERIALS AND WORK MUST CONFIRM WITH TECHNICAL SPECIFICATION.
5. NECESSARY LAND IF REQUIRED SHALL BE ARRANGED BY THE FIELD OFFICE FOR EXCAVATION.
6. RE-EXCAVATION OF THE RIVER SHALL BE STARTED FROM DOWNSTREAM SIDE OF THE RIVER.
7. RE-EXCAVATION MUST BE DONE VERY CAREFULLY SO THAT BASE SLAB/ FOUNDATION OF THE EXISTING CULVERT/BRIDGE DO NOT DISTURB (IF ANY)
8. A SMOOTH TRANSITION SHALL BE PROVIDED BETWEEN THE EXCAVATED SECTION OF THE RIVER/CHANNEL AND THE EXISTING SECTION.
9. A SMOOTH TRANSITION 1:100 SHALL BE PROVIDED AT THE POINT WHERE DESIGN BED WIDTH OR BED LEVEL CHANGES.
10. A SMOOTH TRANSITION AT A SLOPE OF 1:100 SHALL BE KEPT BETWEEN APRON LEVEL OF CONNECTING STRUCTURE (IF ANY) TO DESIGN BED LEVEL OF RIVER.
11. THE EXCAVATION WORK SHALL BE DONE IN THE DRY SEASON WHEN WATER LEVEL IS AT OR NEAR LOW WATER LEVEL.
12. NO FILLING SHALL BE DONE WHERE THE EXISTING BED LEVEL OF THE RIVER IS LOWER THAN THE DESIGN BED LEVEL AND EXISTING SIDE SLOPE IN FLATTER DESIGN SECTION.
13. ANY OUTFALL/OFFTAKE CHANNEL WHICH IS CONNECTED WITH THE PROPOSED CHANNEL/RIVER SHALL BE KEPT OPEN.
14. MANAGEMENT OF EXCAVATED EARTH:
 - a) HEAP OF EXCAVATED EARTH ON BANK SHALL BE AVOIDED. EXCAVATED EARTH TO BE SPREAD OVER THE BANKS (AS SHOWN IN THE DRAWING) AT LEAST 7.00M AWAY FROM THE BANK LINE OF THE RIVER OR TO A SAFE DISTANCE FROM WHERE NO DEPOSITED EARTH SHALL FLOW BACK TO THE RIVER. FLOWING BACK OF DEPOSITED EARTH TO THE RIVER SHALL NOT BE ALLOWED.
 - b) EXCAVATED EARTH MAY BE USED FOR CONSTRUCTION / RE-SECTIONING OF INTERNAL DYKE / ROAD / EMBANKMENT / LAND DEVELOPMENT / DITCH FILLING WITHIN THE EXCAVATION COST AS PER SCHEDULE ITEM (WHERE APPLICABLE).
 - c) TO AVOID THE WATER LOGGING IN ADJACENT AREA , DRAINAGE STRUCTURE MAY BE PROVIDED ALONG THE BANK OF THE RIVER.
 - d) FINE DRESSING WITH TURFING ON COMPACTED RE-EXCAVATED EARTH (MENTION IN SERIAL 14.a) SHALL BE DONE.
 - e) TREE PLANTATION ON COMPACTED RE-EXCAVATED EARTH (MENTION IN SERIAL 14.a) SHALL BE DONE.
15. RE-EXCAVATION OF THE PROPOSED WORK SHALL BE DONE MANUALLY OR BY EXCAVATOR OR BY DREDGER (WHERE APPLICABLE)
16. EXCAVATED EARTH TO BE COLLECTED FROM RIVER CAREFULLY CONSIDERING NO ADVERSE EFFECT ON CHANNEL FLOW AND BANK EROSION.

SPECIAL NOTES:

1. THIS DRAWING HAS BEEN PREPARED AS PROPOSED AND DESIGN DATA SUBMITTED BY SE, KUSHTIA O&M CIRCLE, BWDB, KUSHTIA VIDE HIS OFFICE MEMO NO: 1T-4/736, DATE: 19-11-2023
2. DETAIL WORKING DRAWING SHALL BE COLLECTED BEFORE EXECUTION OF WORK.
3. THIS RE-REEXCAVATION WORK HAS ALSO BEEN DESIGNED CONSIDERING THE WATER RESERVOIR AS WELL AS FOR IRRIGATION PURPOSE.
4. IF THERE EXISTS ANY STRUCTURE (REGULATOR, WEIR, BOX CULVERT ETC.) OTHER THAN BRIDGE WITHIN THE PROPOSED LENGTH OF THE RIVER, RE-EXCAVATION WORK IS PROHIBITED THROUGHOUT THE LENGTH OF THAT STRUCTURE.
5. DESIGN BED LEVEL SHALL NOT BE BELOW THE FOUNDATION TOP LEVEL OF THE EXISTING STRUCTURES IN THE RIVER. IF THE DESIGN BED LEVEL IS BELOW THE FOUNDATION TOP LEVEL THEN THE DIFFERENCE BETWEEN THESE LEVELS SHALL BE MATCHED IN A SLOPE 1:100, OR A DIATANCE OF 100 M, WHICHEVER IS HIEGHER (U/S AND D/S OF THE STRUCTURE), (OR AS SHOWN IN THE DRAWING).
6. RE-EXCAVATION OF KAZLA RIVER HAS BEEN DESIGNED CONSIDERING THE EXISTING RIVER SECTION AND DEAD STORAGE/ RESERVOIR WITHOUT DETAILS STUDY.

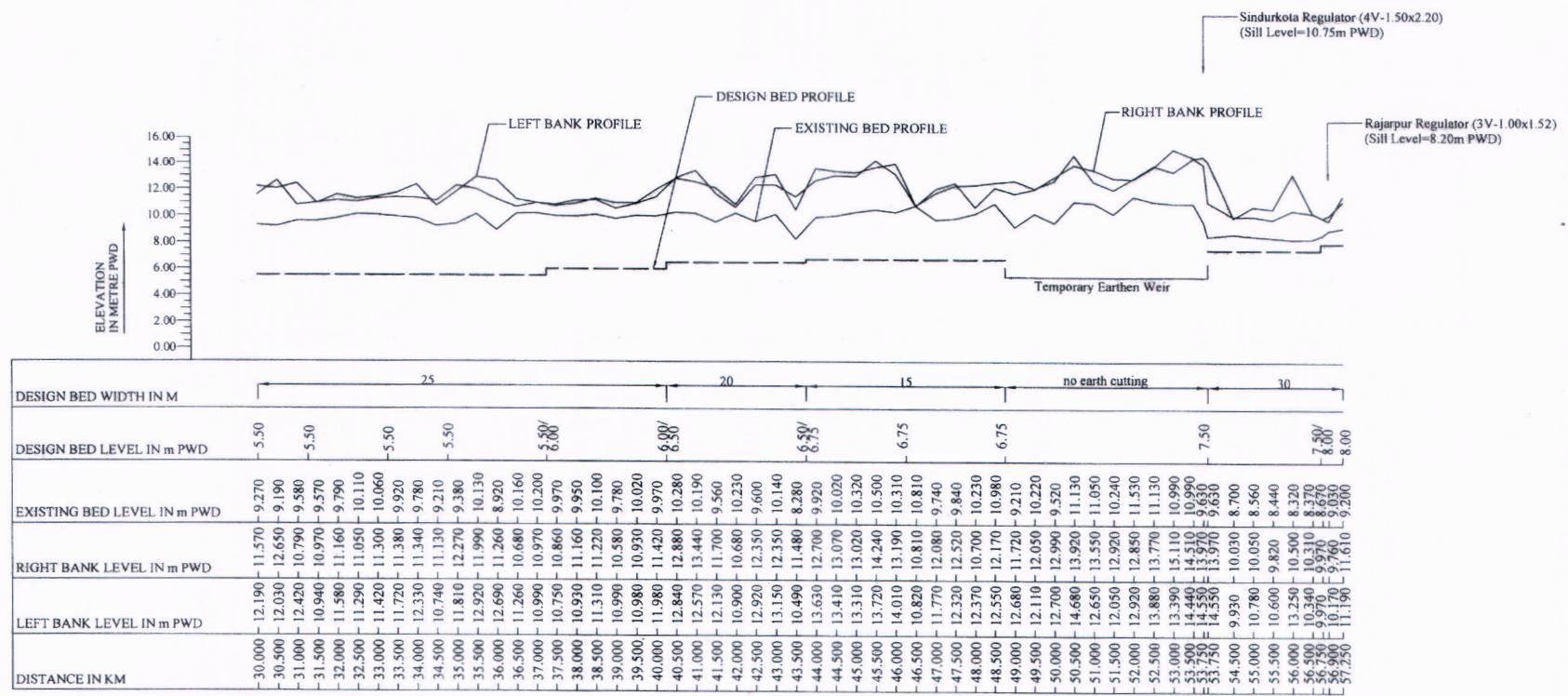
PREPARED CHD REM APPROVED						
REVISIONS						
BANGLADESH WATER DEVELOPMENT BOARD						
OFFICE OF THE SUPERINTENDING ENGINEER						
DESIGN CIRCLE-5						
Re-excavation of Kazla River in Meherpur District						
Re-excavation of Kazla River from Km 0.000 to Km 57.250 at Meherpur Sadar Upazila and Gangni Upazila of Meherpur District under Meherpur WD Division, BWDB, Meherpur.						
TITLE: Notes of Kazla River.						
DESIGNED BY: <i>F. Afsari</i> (FARZANA AFSARI), AE	RECOMMENDED BY: <i>M. M. Rahman</i> (MD. MAHFUZUR RAHMAN), SE					
CHECKED BY: <i>A. Hasan</i> (MD. KAMRUL HASAN), EE	APPROVED BY: <i>H. U. Rasheed</i> (MD. HARUN UR RASHEED) CHIEF ENGINEER, DESIGN					
DATE: 17-01-2024 DWG NO.: DC-5-5703-04/34						



N.B - EARTHEN WEIR HAS BEEN INTRODUCED AS TEMPORARY BASIS TO WATER STORAGE
POSITION/ REQUIREMENTS/ FUNCTION/ OTHER SHOULD BE FINALIZED AFTER DETAIL STUDY.

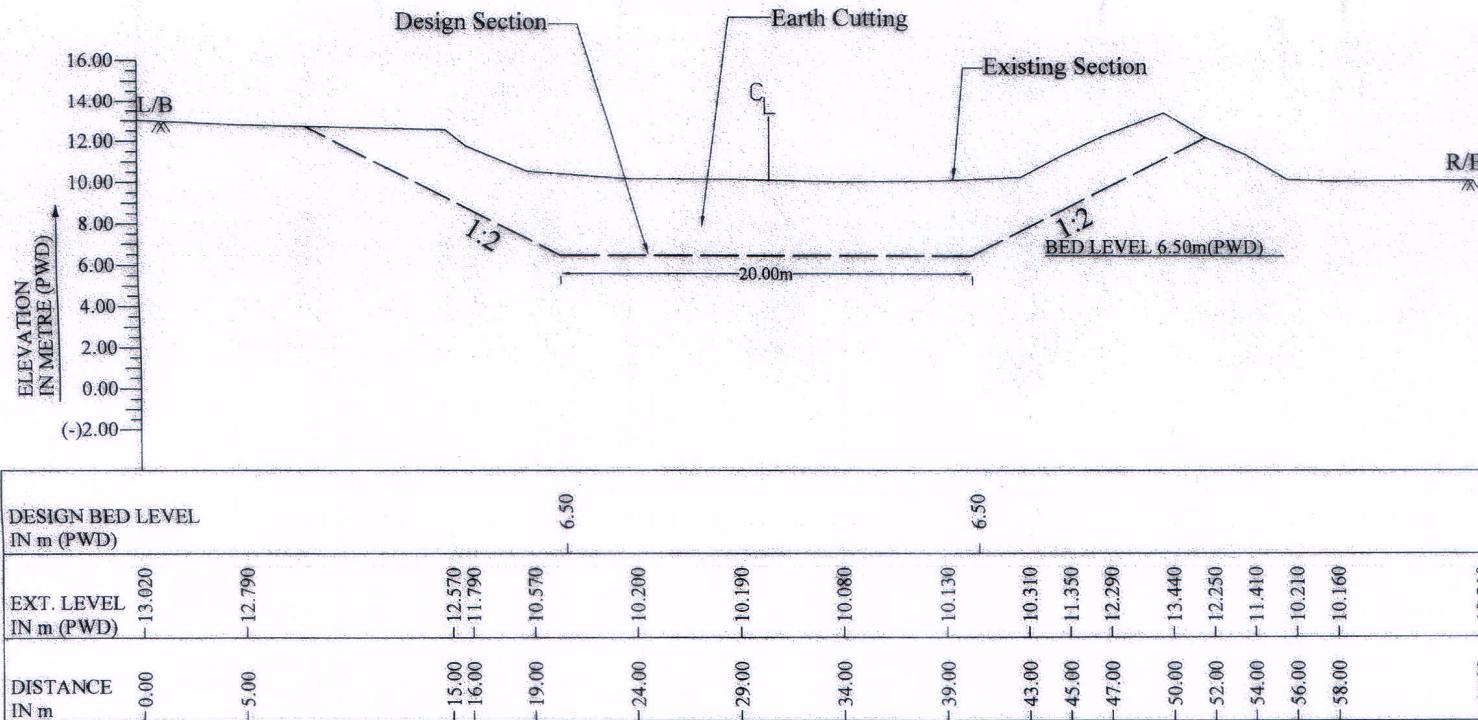
BANGLADESH WATER DEVELOPMENT BOARD			
OFFICE OF THE SUPERINTENDING ENGINEER			
DESIGN CIRCLE-5			
Re-Excavation of Kazla River in Meherpur District			
Re-excavation of Kazla River from Km 0.000 to Km 57.250 at Meherpur Sadar Upazila and Gangni Upazila of Meherpur District under Meherpur WD Division, BWDB, Meherpur .			
TITLE: LONG SECTION			
DESIGNED BY:		RECOMMENDED BY:	
<i>F. Ahsan</i> (FARZANA AFSARI), AE		<i>M. Mahfuzur Rahman</i> (MD. MAHFUZUR RAHMAN), SE	
CHECKED BY :		APPROVED BY :	
<i>M. Kamrul Hasan</i> (MD. KAMRUL HASAN), EE		<i>M. Enayet Ullah</i> (MD. ENAYET ULLAH), CE, DESIGN	
DATE: 17-01-2024 DWG NO.: DC-S-5703-05/34			

PREPARED	CHD	REM	APPROVED
REVISIONS			



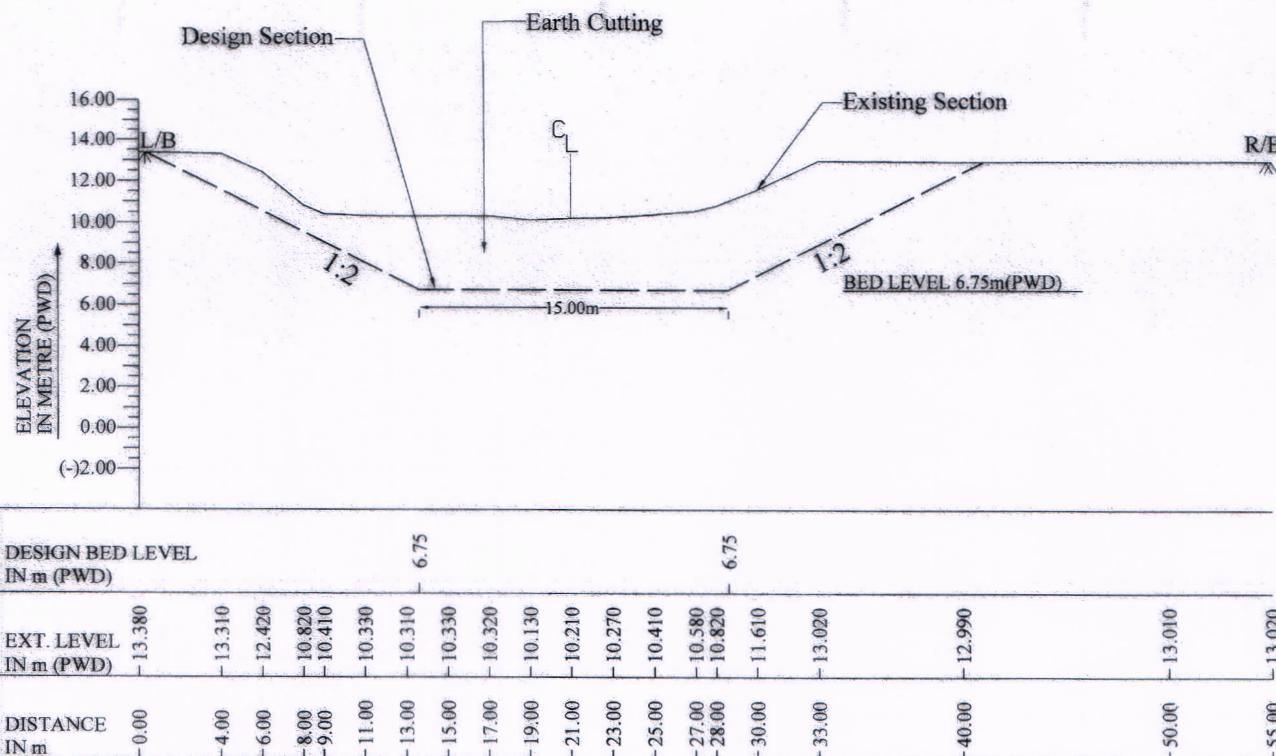
N.B. - EARTHEN WEIR HAS BEEN INTRODUCED AS TEMPORARY BASIS TO WATER STORAGE.
POSITION/ REQUIREMENTS/ FUNCTION/ OTHER SHOULD BE FINALIZED AFTER DETAIL STUDY.

	PREPARED	CHD	REM	APPROVED
	REVISIONS			
DESIGNED BY:	RECOMMENDED BY:			
(FARZANA AFSARI), AE	(MD. MAHFUZUR RAHMAN), SE			
CHECKED BY:	APPROVED BY:			
(MD. KAMRUL HASAN), EE	(MD. ENAYET ULLAH), CE, DESIGN			
DATE: 17-01-2024 DWG NO.: DC-5-5703-06/34				



TYPICAL X-SECTION AT KM 41.000
(Applicable from KM 40.250 TO KM 43.750 = 3.500km)

BANGLADESH WATER DEVELOPMENT BOARD OFFICE OF THE SUPERINTENDING ENGINEER DESIGN CIRCLE-5					
Re-Excavation of Kazla River in Meherpur District					
Re-excavation of Kazla River from Km 0.000 to Km 57.250 at Meherpur Sadar Upazila and Gangni Upazila of Meherpur District under Meherpur WD Division, BWDB, Meherpur.					
TITLE: Typical Section					
DESIGNED BY:  (FARZANA AFSAARI), AE			RECOMMENDED BY:  (MD. MAHFUZUR RAHMAN), SE 17-01-29		
CHECKED BY:  (MD. KAMRUL HASAN), EE			APPROVED BY:  (MD. ENAYET ULLAH), CE, DESIGN 29-01-2024		
PREPARED CHD REM APPROVED					
REVISIONS					
DATE: 17-01-2024 DWG NO.: DC-5-5703-29/34					



BANGLADESH WATER DEVELOPMENT BOARD OFFICE OF THE SUPERINTENDING ENGINEER DESIGN CIRCLE-5			
Re-Excavation of Kazla River in Meherpur District			
Re-excavation of Kazla River from Km 0.000 to Km 57.250 at Meherpur Sadar Upazila and Gangni Upazila of Meherpur District under Meherpur WD Division, BWDB, Meherpur.			
TITLE: Typical Section			
DESIGNED BY: <i>F. Afsari</i> (FARZANA AFSARI), AE	RECOMMENDED BY: <i>M. M. Rahman</i> (MD. MAHFUZUR RAHMAN), SE		
CHECKED BY: <i>A. Hasan</i> (MD. KAMRUL HASAN), EE	APPROVED BY: <i>E. Ullah</i> (MD. ENAYET ULLAH), CE, DESIGN		
PREPARED CHD REM APPROVED			
REVISIONS			
DATE: 17-01-2024 DWG NO.: DC-5-5703-30/34			