

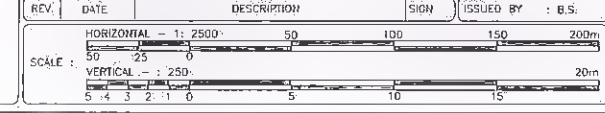
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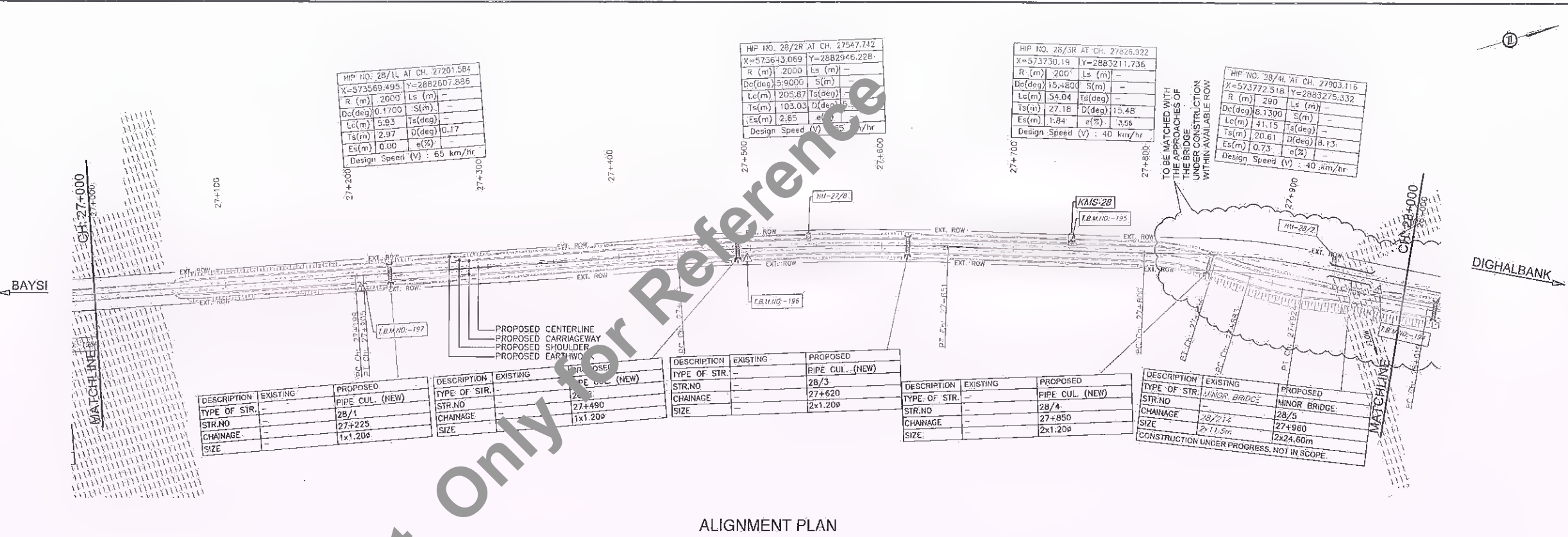
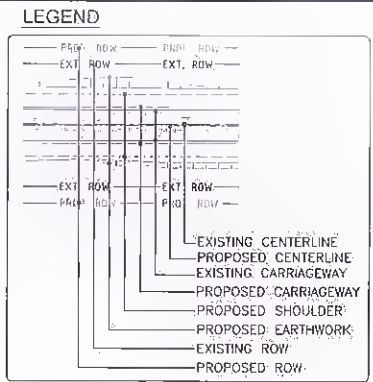
Manager (Tech.)
 BSRDCL
 PIU-Katihar

D. G. M. (Tech.)
 BSRDCL
 PIU-Katihar



<p>Bihar State Road Development Corporation Limited (BSRDCL) (A Government of Bihar Undertaking)</p>	<p>PROJECT: Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar Baysi - Bahadurganj - Dighalbank (SH-99)</p>	<p>CONSULTANTS: SAI Consulting Engineers Pvt. Ltd. An ISO 9001 Certified Company Block-A "SAI House", Sahyambhawan Corporate Square, 8th/ Rajpath Club, Boudh, Ahmedabad-380059, Gujarat India Phone : +91-79-86162600/7708; Fax : +91-79-86162600 Email : saic@saiconsulting.com</p>	<table border="1"> <tr> <td>PF</td> <td>31/07/19</td> <td>GOOD FOR CONSTRUCTION (REVISED DPR)</td> <td>DRAWN BY : R.K.</td> <td rowspan="5"> <p>TITLE: RAJITA-MAHADEV DIGHI CHOWK (PACKAGE-II) ALIGNMENT PLAN & PROFILE KM. 26+000 TO KM. 27+000</p> </td> </tr> <tr> <td>PE</td> <td>17/12/18</td> <td>GOOD FOR CONSTRUCTION (DPR)</td> <td>CHECKED BY : A.S.</td> </tr> <tr> <td>PO</td> <td>10/04/14</td> <td>GOOD FOR CONSTRUCTION (DPR)</td> <td>APPROVED BY : J.D.</td> </tr> <tr> <td>PC</td> <td>26/02/14</td> <td>ISSUED WITH FINAL DPR</td> <td>ISSUED BY : B.S.</td> </tr> <tr> <td>PA</td> <td>13/11/13</td> <td>AUGMENTATION OF DPR</td> <td></td> </tr> </table>	PF	31/07/19	GOOD FOR CONSTRUCTION (REVISED DPR)	DRAWN BY : R.K.	<p>TITLE: RAJITA-MAHADEV DIGHI CHOWK (PACKAGE-II) ALIGNMENT PLAN & PROFILE KM. 26+000 TO KM. 27+000</p>	PE	17/12/18	GOOD FOR CONSTRUCTION (DPR)	CHECKED BY : A.S.	PO	10/04/14	GOOD FOR CONSTRUCTION (DPR)	APPROVED BY : J.D.	PC	26/02/14	ISSUED WITH FINAL DPR	ISSUED BY : B.S.	PA	13/11/13	AUGMENTATION OF DPR	
	PF	31/07/19	GOOD FOR CONSTRUCTION (REVISED DPR)	DRAWN BY : R.K.	<p>TITLE: RAJITA-MAHADEV DIGHI CHOWK (PACKAGE-II) ALIGNMENT PLAN & PROFILE KM. 26+000 TO KM. 27+000</p>																			
PE	17/12/18	GOOD FOR CONSTRUCTION (DPR)	CHECKED BY : A.S.																					
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	<p>REVISION:</p> <table border="1"> <tr> <th>REV.</th> <th>DATE</th> <th>DESCRIPTION</th> <th>SIGN</th> <th>ISSUED BY</th> </tr> <tr> <td>1</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	REV.	DATE	DESCRIPTION	SIGN	ISSUED BY	1					<p>DRG. NO.: SAI-213007/DPR/IC/HPP - 27</p> <p>REVISION: - PF</p>												
REV.	DATE	DESCRIPTION	SIGN	ISSUED BY																				
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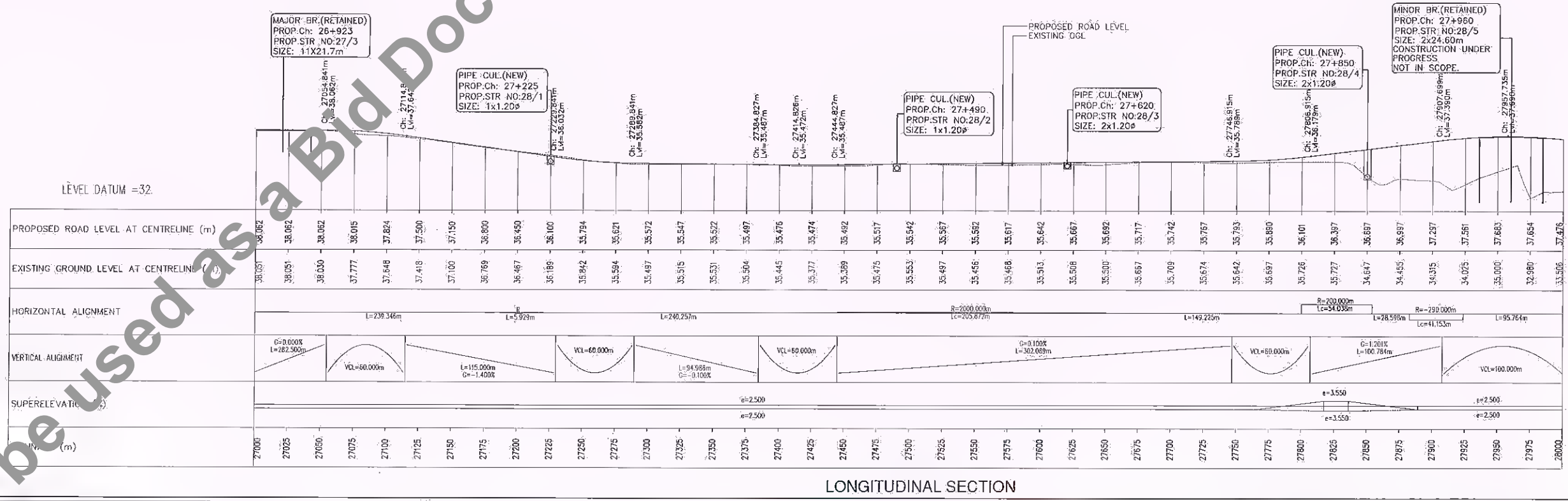


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TYPE OF STR.	-	PIPE CUL. (NEW)	TYPE OF STR.	-	PIPE CUL. (NEW)
STR.NO	-	28/1	STR.NO	-	28/2
CHAINAGE	-	27+225	CHAINAGE	-	27+490
SIZE	-	1x1.20 ϕ	SIZE	-	2x1.20 ϕ

DESCRIPTION	EXISTING	PROPOSED	DESCRIPTION	EXISTING	PROPOSED
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STR.NO	-	28/3	STR.NO	-	28/4
CHAINAGE	-	27+620	CHAINAGE	-	27+850
SIZE	-	2x1.20 ϕ	SIZE	-	2x1.20 ϕ

DESCRIPTION	EXISTING	PROPOSED	DESCRIPTION	EXISTING	PROPOSED
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STR.NO	-	28/5	STR.NO	-	28/6
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ALIGNMENT PLAN

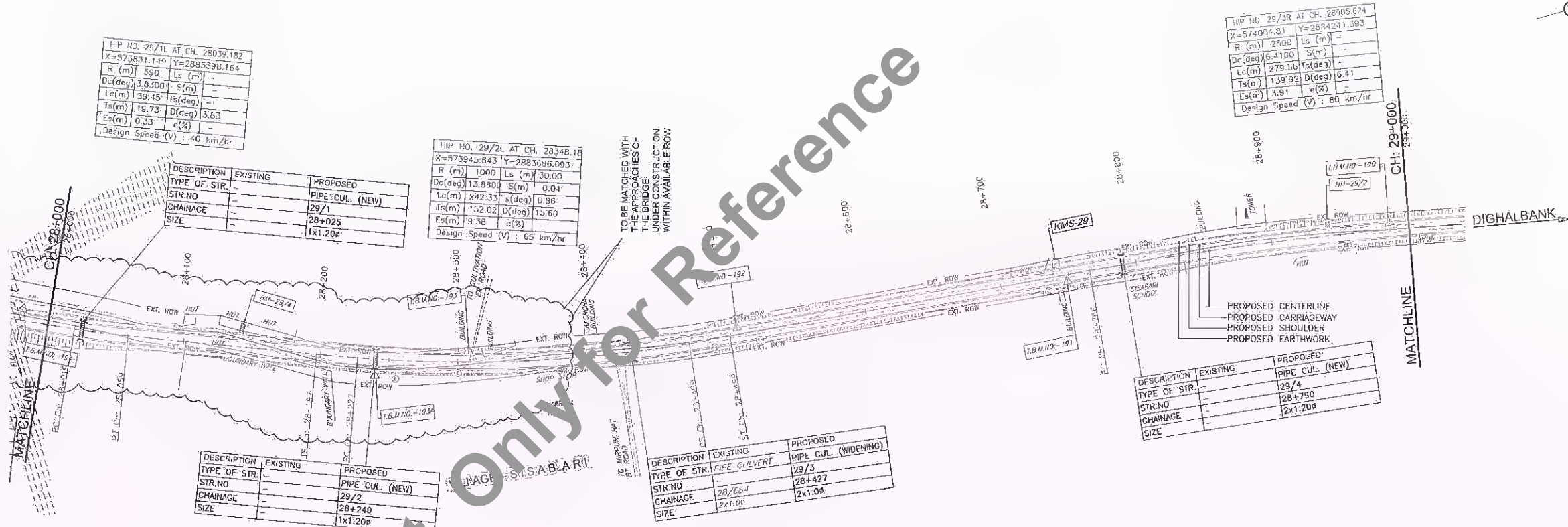
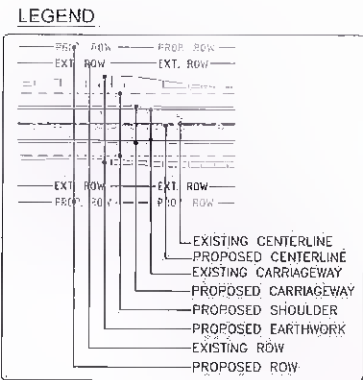


LONGITUDINAL SECTION

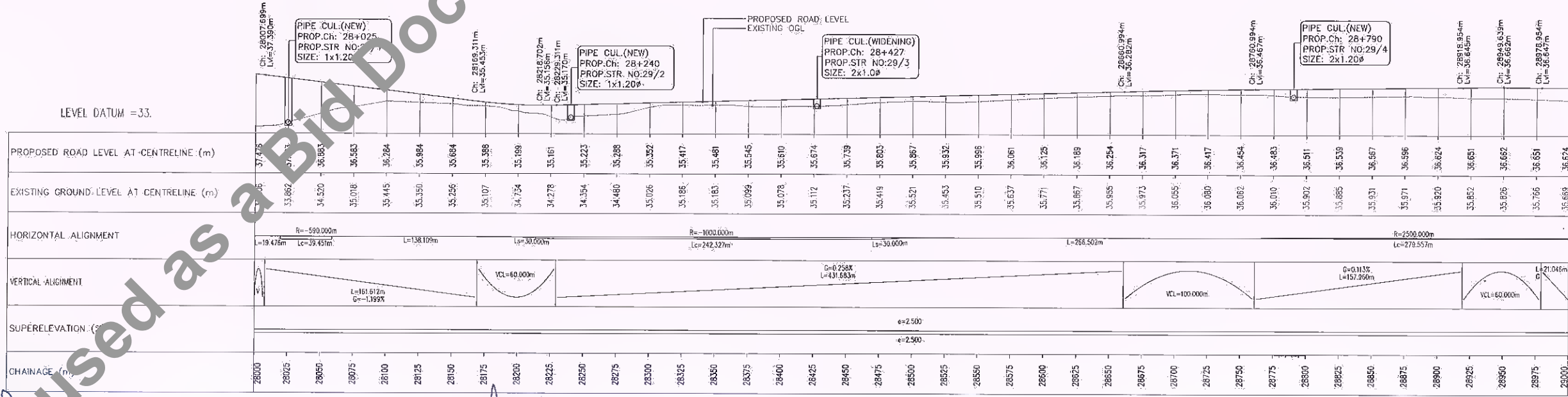
<p>CLIENT:</p> <p>Bihar State Road Development Corporation Limited (BSRDCL) (A Government of Bihar Undertaking) Manager (Tech.)</p> <p>BSRDCL PIU-Katihar</p>	<p>PROJECT:</p> <p>Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar <i>Baysi - Mahadurganj - Dighalbank (SH-99)</i> D. G. M. (Tech.) BSRDCL PIU-Katihar</p>	<p>CONSULTANTS:</p> <p>SAI Consulting Engineers, Pvt. Ltd. An ISO 9001 Certified Company</p> <p>Back-A "SI House", Satyam Corporate Square, B/h Rajpath, Dab, Badli, New Delhi - 110029, India Phone: +91-11-26142600/700, Fax: +91-11-26142600 Email: info@saiindia.com</p>	<p>PE 31/07/19 GOOD FOR CONSTRUCTION (REVISED DPR)</p> <p>PD 17/12/18 GOOD FOR CONSTRUCTION (DPR)</p> <p>RC 10/04/14 GOOD FOR CONSTRUCTION (DPR)</p> <p>PB 26/02/14 ISSUED WITH FINAL DPR</p> <p>PA 13/11/13 ISSUED WITH DPR</p> <p>DRWN BY : R.K.</p> <p>CHECKED BY : A.S.</p> <p>APPROVED BY : J.D.</p> <p>ISSUED BY : B.S.</p> <p>TITLE : RAUTA-MAHADEV OIGHI CHOWK (PACKAGE-II) ALIGNMENT PLAN & PROFILE KM. 27+000 TO KM. 28+000</p> <p>DRG. NO. : SAI-213007/DPR/CH/PP - 28</p> <p>REVISION : PE</p>
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ALIGNMENT PLAN



LONGITUDINAL SECTION

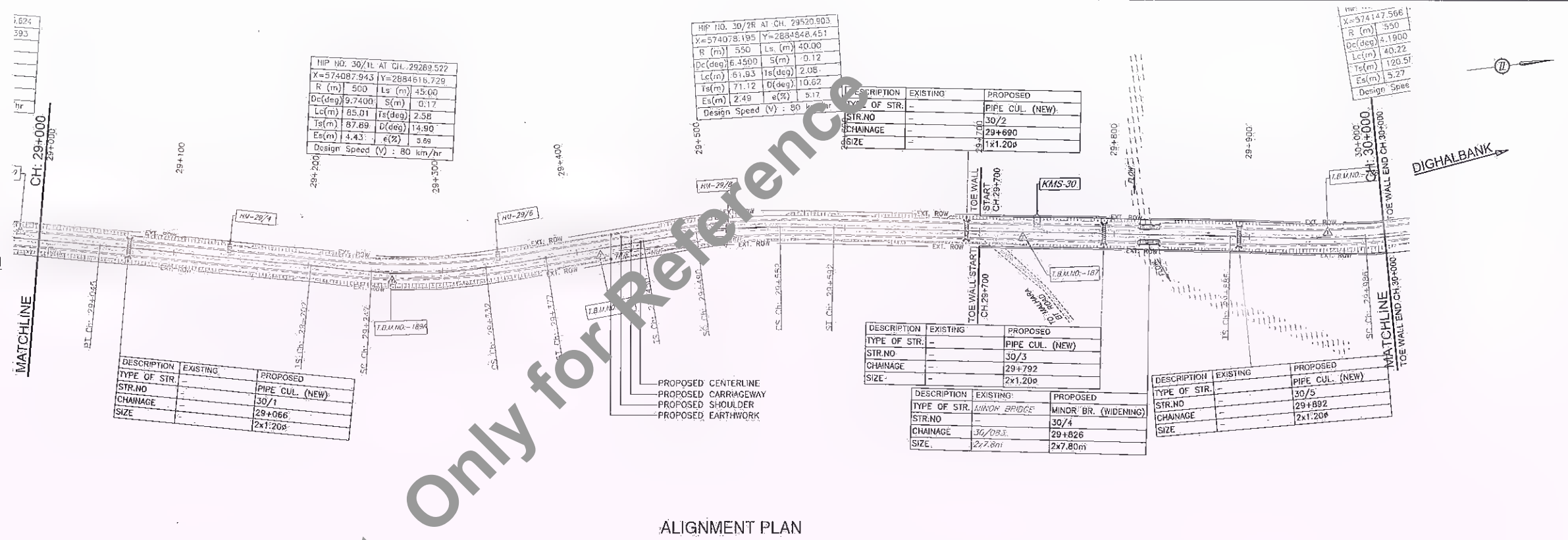
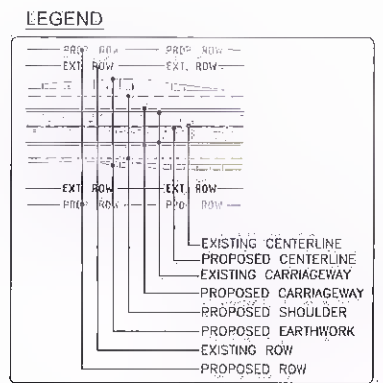
Manager (Tech.)
BSRDCL
PIU-Katihar

D. G. M. (Tech.)
BSRDCL
PIU-Katihar

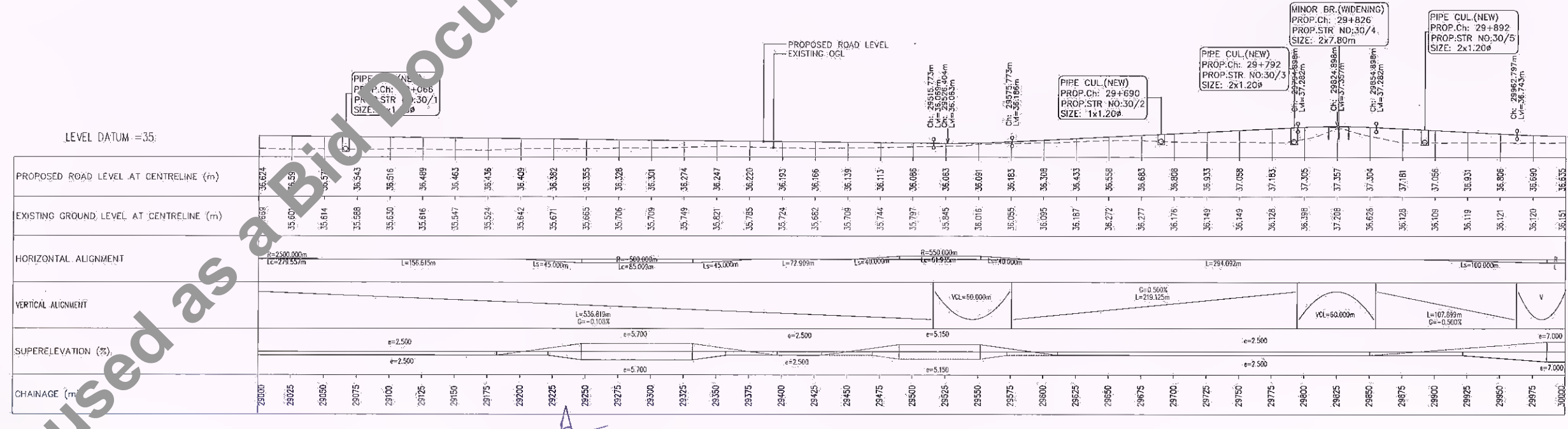


<p>CLIENT:</p> <p>Bihar State Road Development Corporation Limited (BSRDCL) (A Government of Bihar Undertaking)</p>	<p>PROJECT:</p> <p>Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar Baysi - Bahadurganj - Dighalbank (SH-99)</p>	<p>CONSULTANTS:</p> <p>SAI Consulting Engineers Pvt. Ltd. An ISO 9001 Certified Company</p> <p>Block-A, "Sai House", Sarjan, Corporate Square, B/H Rajpath Club, Bahadurganj, Ahmednagar-380059, Gujarat, India Phone: +91-79-66142600/7100; Fax: +91-79-66142800 Email: s.ai@saieda.com</p>	<table border="1"> <tr><td>REV.</td><td>DATE</td><td>DESCRIPTION</td><td>SIGN</td><td>ISSUED BY</td></tr> <tr><td>1</td><td>31/07/19</td><td>GOOD FOR CONSTRUCTION (REVISED DPR)</td><td></td><td></td></tr> <tr><td>2</td><td>17/12/18</td><td>GOOD FOR CONSTRUCTION (DPR)</td><td></td><td></td></tr> <tr><td>3</td><td>10/04/14</td><td>GOOD FOR CONSTRUCTION (DPR)</td><td></td><td></td></tr> <tr><td>4</td><td>26/02/14</td><td>ISSUED WITH FINAL DPR</td><td></td><td></td></tr> <tr><td>5</td><td>01/01/14</td><td>ADDENDUM OF DPR</td><td></td><td></td></tr> <tr><td>6</td><td>13/11/13</td><td>ISSUED WITH DPR</td><td></td><td></td></tr> </table> <p>DRAWN BY: R.K. CHECKED BY: A.S. APPROVED BY: J.D.</p>	REV.	DATE	DESCRIPTION	SIGN	ISSUED BY	1	31/07/19	GOOD FOR CONSTRUCTION (REVISED DPR)			2	17/12/18	GOOD FOR CONSTRUCTION (DPR)			3	10/04/14	GOOD FOR CONSTRUCTION (DPR)			4	26/02/14	ISSUED WITH FINAL DPR			5	01/01/14	ADDENDUM OF DPR			6	13/11/13	ISSUED WITH DPR			<p>TITLE: RAJTA-MAHADEV DIGHI CHOWK (PACKAGE-II) ALIGNMENT PLAN & PROFILE KM. 28+000 TO KM. 29+000</p> <p>DRG. NO.: SAI-213007/DPR/C/PPP - 29</p> <p>REVISION: PF</p>
REV.	DATE	DESCRIPTION	SIGN	ISSUED BY																																			
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5	01/01/14	ADDENDUM OF DPR																																					
6	13/11/13	ISSUED WITH DPR																																					

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ALIGNMENT PLAN



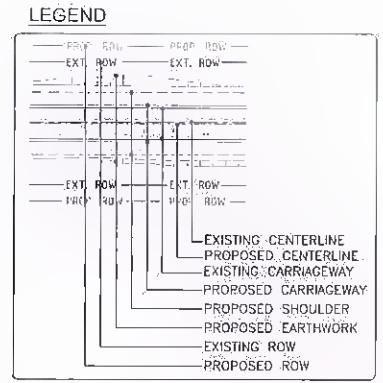
LONGITUDINAL SECTION

D. G. M. (Tech.)
BSRDCL
PIU-Katihar

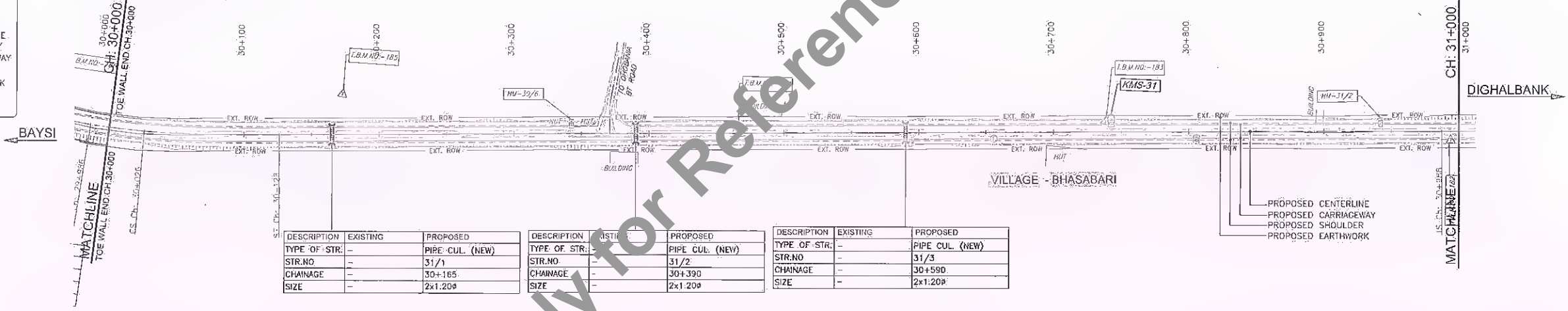
Manager (Tech.)
BSRDCL
PIU-Katihar

<p>Bihar State Road Development Corporation Limited (BSRDCL) (A Government of Bihar Undertaking)</p>	<p>PROJECT: Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar Baysi - Bahadurganj - Dighalbank (SH-99)</p>	<p>CONSULTANTS: SAI Consulting Engineers Pvt. Ltd. An ISO 9001 Certified Company</p>	<table border="1"> <tr><td>PF</td><td>31/07/19</td><td>GOOD FOR CONSTRUCTION (REVISED DPR)</td><td>DRAWN BY : R.K.</td><td rowspan="5"> <p>TITLE : RAUTA-MAHADEV DIGHI CHOWK (PACKAGE-II) ALIGNMENT PLAN & PROFILE KM. 29+000 TO KM. 30+000</p> </td> </tr> <tr><td>PC</td><td>17/12/18</td><td>GOOD FOR CONSTRUCTION (DPR)</td><td>CHECKED BY : A.S.</td> </tr> <tr><td>PD</td><td>10/04/14</td><td>GOOD FOR CONSTRUCTION (DPR)</td><td>APPROVED BY : J.D.</td> </tr> <tr><td>PE</td><td>26/02/14</td><td>ISSUED WITH FINAL DPR</td><td>ISSUED BY : B.S.</td> </tr> <tr><td>PA</td><td>01/01/14</td><td>ADDENDUM OF DPR</td><td></td> </tr> <tr><td>PA</td><td>13/11/13</td><td>ISSUED WITH DPR</td><td></td><td></td> </tr> </table>	PF	31/07/19	GOOD FOR CONSTRUCTION (REVISED DPR)	DRAWN BY : R.K.	<p>TITLE : RAUTA-MAHADEV DIGHI CHOWK (PACKAGE-II) ALIGNMENT PLAN & PROFILE KM. 29+000 TO KM. 30+000</p>	PC	17/12/18	GOOD FOR CONSTRUCTION (DPR)	CHECKED BY : A.S.	PD	10/04/14	GOOD FOR CONSTRUCTION (DPR)	APPROVED BY : J.D.	PE	26/02/14	ISSUED WITH FINAL DPR	ISSUED BY : B.S.	PA	01/01/14	ADDENDUM OF DPR		PA	13/11/13	ISSUED WITH DPR		
	PF	31/07/19	GOOD FOR CONSTRUCTION (REVISED DPR)	DRAWN BY : R.K.	<p>TITLE : RAUTA-MAHADEV DIGHI CHOWK (PACKAGE-II) ALIGNMENT PLAN & PROFILE KM. 29+000 TO KM. 30+000</p>																								
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PA	13/11/13	ISSUED WITH DPR																											
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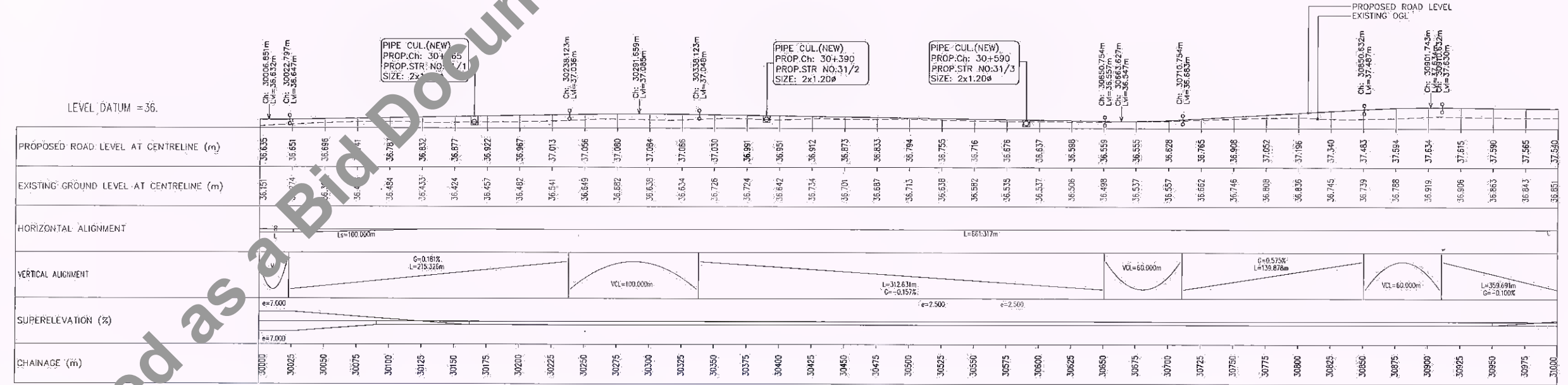


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Ts(m) 120.58	D(deg) 14.61
Es(m) 5.27	e(%) 7.60
Design Speed (V) : 100 km/hr	



DESCRIPTION	EXISTING	PROPOSED	DESCRIPTION	EXISTING	PROPOSED
TYPE OF STR.	-	PIPE CUL. (NEW)	TYPE OF STR.	-	PIPE CUL. (NEW)
STR.NO	-	31/1	STR.NO	-	31/2
CHAINAGE	-	30+165	CHAINAGE	-	30+390
SIZE	-	2x1.20 ϕ	SIZE	-	2x1.20 ϕ

ALIGNMENT PLAN



LONGITUDINAL SECTION

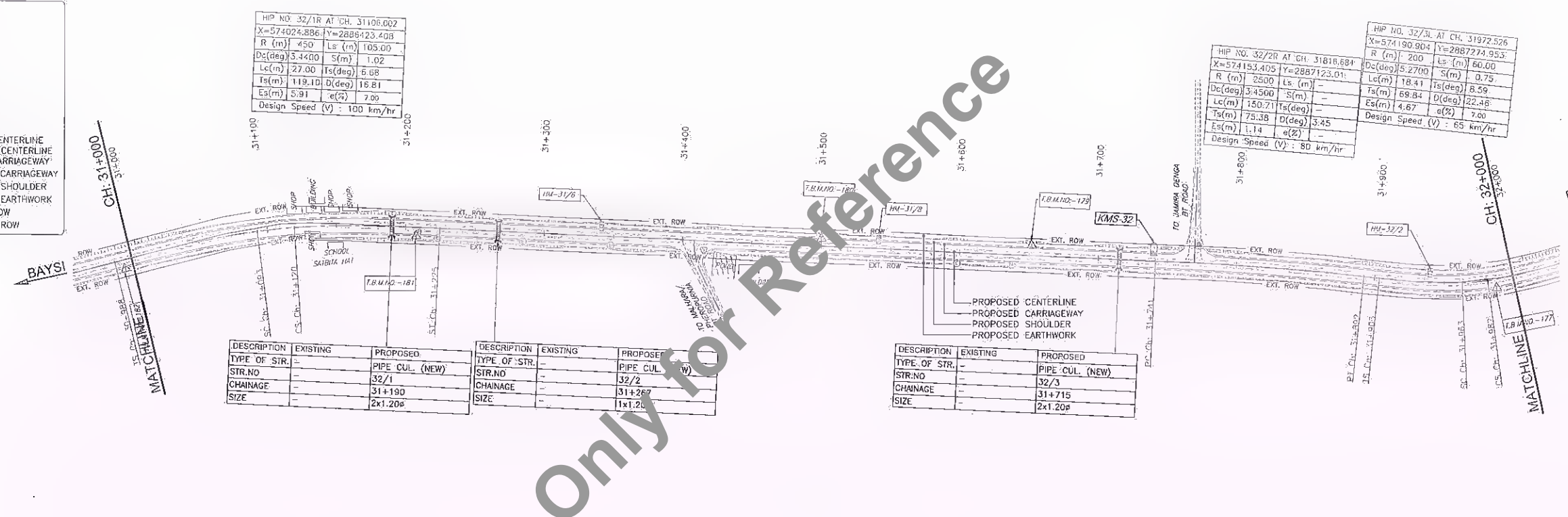
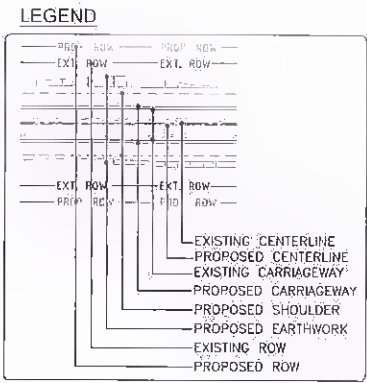
Manager (Tech.)
BSRDCL
PIU-Katihar

D. G. M. (Tech.)
BSRDCL
PIU-Katihar



<p>CLIENT:</p> <p>Bihar State Road Development Corporation Limited (BSRDCL) (A Government of Bihar Undertaking)</p>	<p>PROJECT:</p> <p>Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar Baysi - Bahadurganj - Dighalbank (SH-99)</p>	<p>CONSULTANTS:</p> <p>SAI Consulting Engineers Pvt. Ltd. An ISO 9001 Certified Company</p>	<table border="1"> <tr> <th>REV.</th> <th>DATE</th> <th>DESCRIPTION</th> <th>SIGN</th> <th>ISSUED BY</th> </tr> <tr> <td>PF</td> <td>31/07/19</td> <td>GOOD FOR CONSTRUCTION (REVISED DPR)</td> <td></td> <td>R.K.</td> </tr> <tr> <td>PE</td> <td>17/12/18</td> <td>GOOD FOR CONSTRUCTION (DPR)</td> <td></td> <td>A.S.</td> </tr> <tr> <td>PD</td> <td>10/04/14</td> <td>GOOD FOR CONSTRUCTION (DPR)</td> <td></td> <td>J.D.</td> </tr> <tr> <td>PC</td> <td>26/02/14</td> <td>ISSUED WITH FINAL DPR</td> <td></td> <td>B.S.</td> </tr> <tr> <td>PB</td> <td>01/01/14</td> <td>AJENDUM OF DPR</td> <td></td> <td></td> </tr> <tr> <td>PA</td> <td>13/11/13</td> <td>ISSUED WITH DPR</td> <td></td> <td></td> </tr> </table>	REV.	DATE	DESCRIPTION	SIGN	ISSUED BY	PF	31/07/19	GOOD FOR CONSTRUCTION (REVISED DPR)		R.K.	PE	17/12/18	GOOD FOR CONSTRUCTION (DPR)		A.S.	PD	10/04/14	GOOD FOR CONSTRUCTION (DPR)		J.D.	PC	26/02/14	ISSUED WITH FINAL DPR		B.S.	PB	01/01/14	AJENDUM OF DPR			PA	13/11/13	ISSUED WITH DPR			<p>TITLE: RAUTA-MAHADEV DIGHI CHOWK (PACKAGE-III) ALIGNMENT PLAN & PROFILE KM. 30+000 TO KM. 31+000</p> <p>DRG. NO.: SAI-213007/DPR/CI/PPP - 31</p> <p>REVISION: PF</p>
REV.	DATE	DESCRIPTION	SIGN	ISSUED BY																																			
PF	31/07/19	GOOD FOR CONSTRUCTION (REVISED DPR)		R.K.																																			
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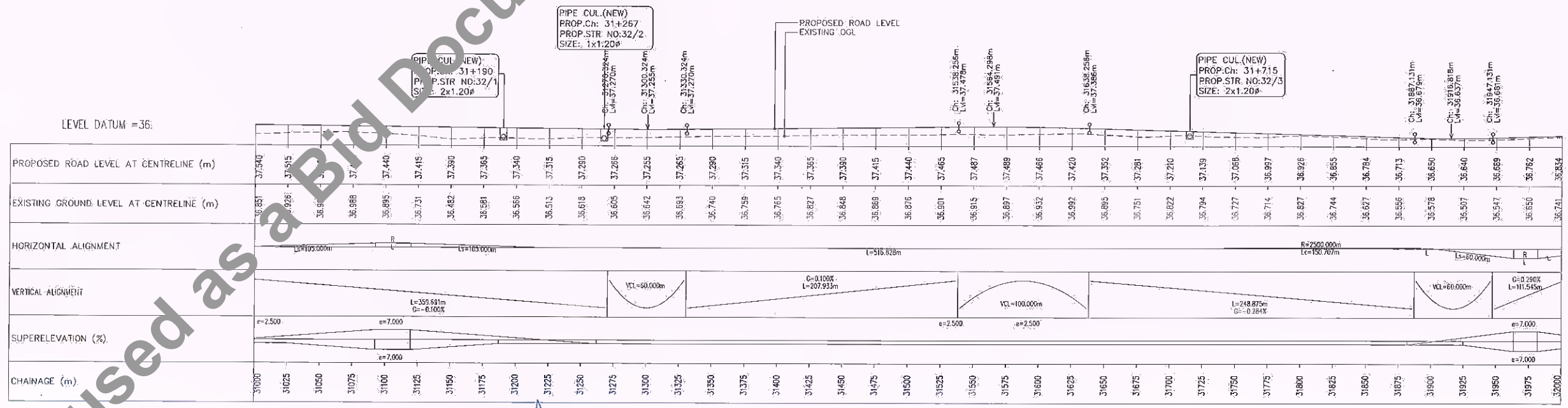
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DESCRIPTION	EXISTING	PROPOSED	DESCRIPTION	EXISTING	PROPOSED
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DESCRIPTION	EXISTING	PROPOSED
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CHAINAGE	-	31+715
SIZE	-	2x1.20#

ALIGNMENT PLAN



LONGITUDINAL SECTION

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Maha (Tech.)
BSRDCL
PIU-Katihar

D. G. M. (Tech.)
BSRDCL
PIU-Katihar

CLIENT:
Bihar State Road Development Corporation Limited (BSRDCL)
(A Government of Bihar Undertaking)

PROJECT:
Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar
Baysi - Bahadurganj - Dighalbank (SH-99)

CONSULTANTS:
SAI Consulting Engineers Pvt. Ltd.
An ISO 9001 Certified Company

REV.	DATE	DESCRIPTION	SIGN	ISSUED BY	BY
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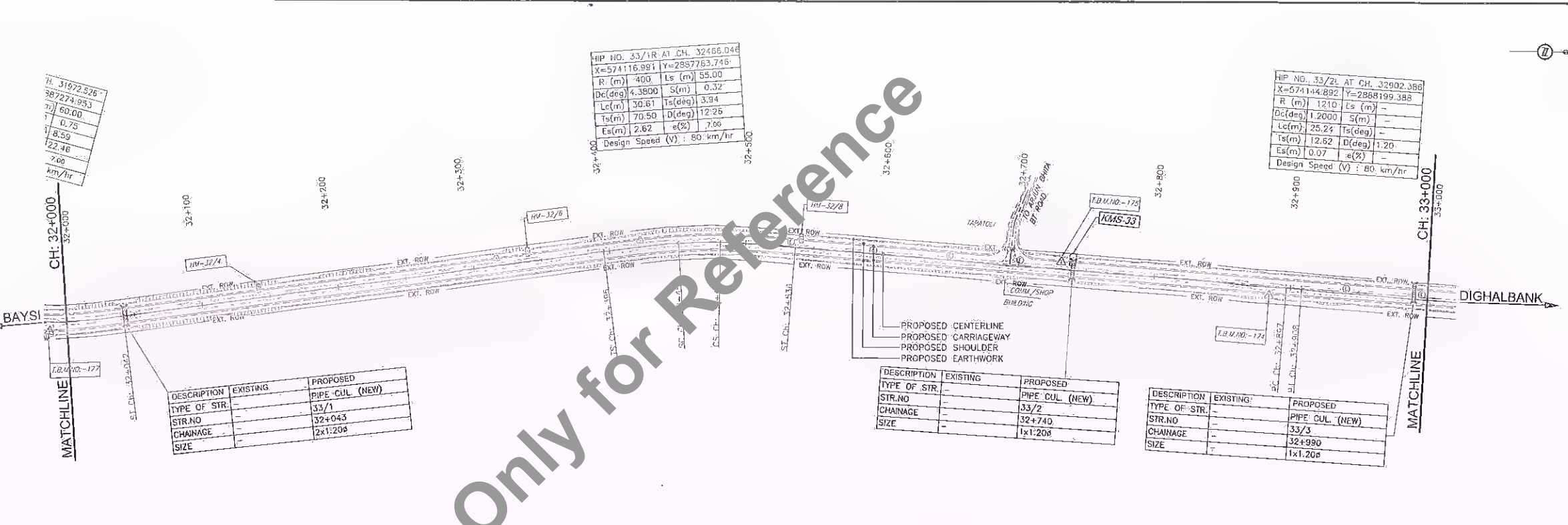
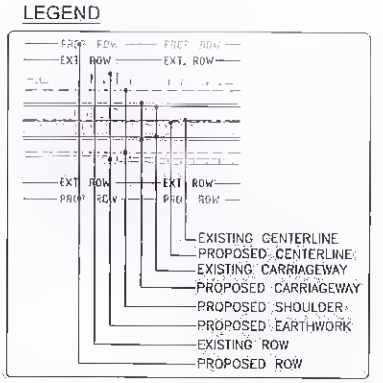
DRAWN BY: R.K.
CHECKED BY: A.S.
APPROVED BY: J.D.
ISSUED BY: B.S.

TITLE: RAUTA-MAHADEV DIGHI CHOWK (PACKAGE-II)
ALIGNMENT PLAN & PROFILE
KM. 31+000 TO KM. 32+000

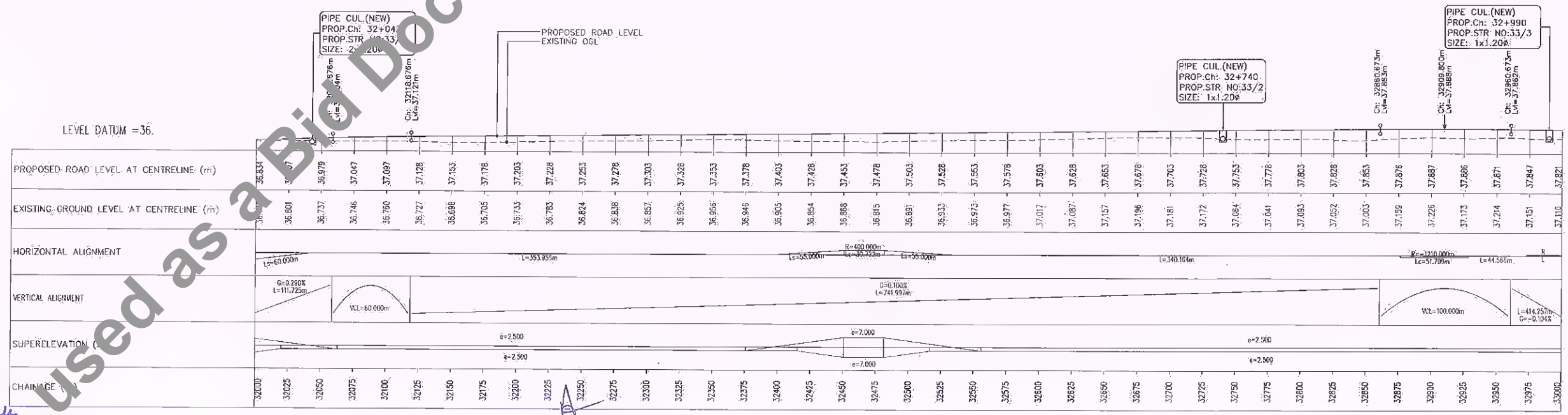
DRG. NO.:
SAI-213007/DPR/C/H/PP -32

REVISION: PF





ALIGNMENT PLAN



LONGITUDINAL SECTION

Manager (Tech.)
BSRDCL
PIU-Katihar

D. G. M. (Tech.)
BSRDCL
PIU-Katihar



<p>Bihar State Road Development Corporation Limited (BSRDCL) (A Government of Bihar Undertaking)</p>	<p>PROJECT: Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar <i>Baysi - Bahadurganj - Dighalbank (SH-99)</i></p>	<p>CONSULTANTS: SAI SAI Consulting Engineers Pvt. Ltd. An ISO 9001 Certified Company Block-A "SAI House" Sahyambh Corporate Square, Bih Rajnagar Club, Bahadurganj, Ahmednagar-430059, Gujarat, India Phone : +91-79-66142800/7000 Fax : +91-79-66142800 Email : info@saiindia.com</p>	<p>REV. DATE DESCRIPTION SIGN</p> <p>31/07/18 G.O.O.F FOR CONSTRUCTION (REVISED DPR) DRAWN BY : R.K. 17/12/18 GOOD FOR CONSTRUCTION (DPR) CHECKED BY : A.S. 10/04/14 ISSUED WITH FINAL DPR APPROVED BY : J.D. 26/02/14 ADDITION OF DDPR 01/01/14 ISSUED WITH DDPR 13/11/13</p>	<p>TITLE : RAUTA MAHADEV DIGHI CHOWK (PACKAGE-II) ALIGNMENT PLAN & PROFILE KM. 32+000 TO KM. 33+000</p>
			<p>SCALE : HORIZONTAL - 1 : 2500 VERTICAL - 1 : 250</p>	<p>DRG. NO. : SAI-213007/DPR/C/H/PP - 33</p>

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Not to be used as a Bid Document, Only for Reference

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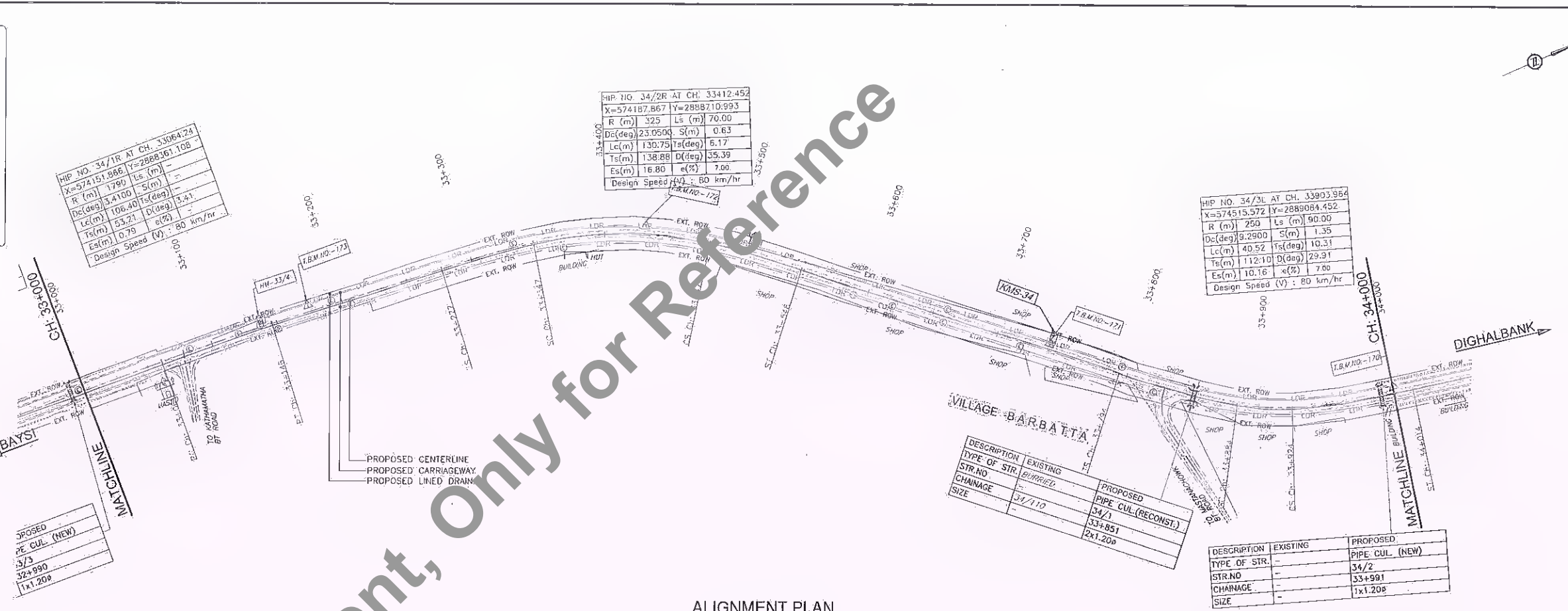
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- EXT. ROW
- LDR
- EXIST. CENTERLINE
- PROPOSED CENTERLINE
- EXIST. CARRIAGEWAY
- PROPOSED CARRIAGEWAY
- PROPOSED LINED DRAIN (FLEXIBLE PAVEMENT)
- EXISTING ROW
- PROPOSED ROW

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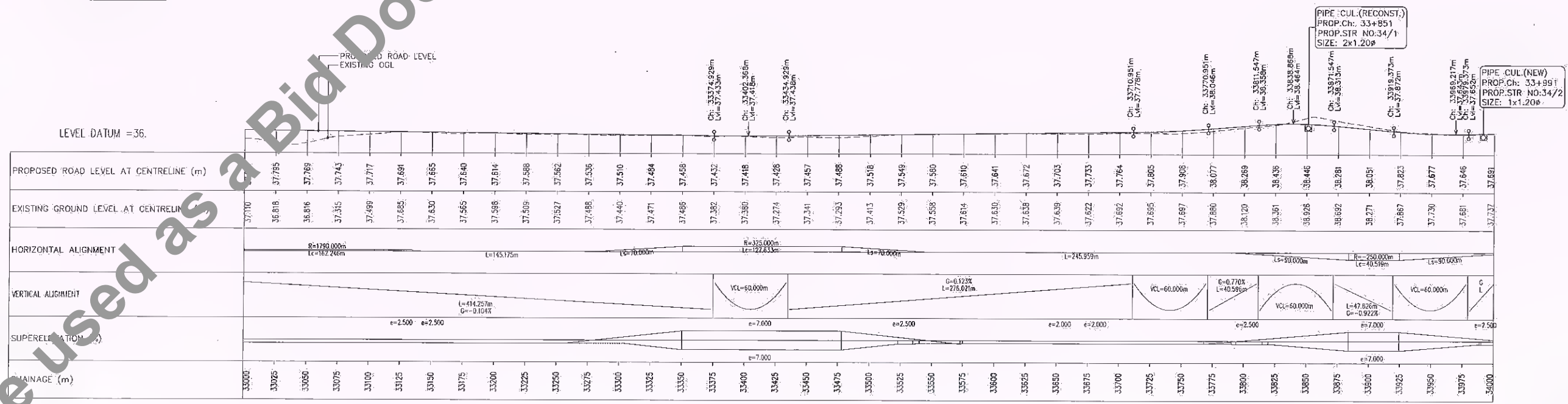
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- EXIST. CARRIAGEWAY
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- PROPOSED LINED DRAIN (RIGID PAVEMENT)
- EXISTING ROW
- PROPOSED ROW

LEGEND

- PROF. ROW
- EXT. ROW
- LDR
- EXIST. CENTERLINE
- PROPOSED CENTERLINE
- EXIST. CARRIAGEWAY
- PROPOSED CARRIAGEWAY
- PROPOSED SHOULDER
- PROPOSED EARTHWORK
- EXISTING ROW
- PROPOSED ROW



ALIGNMENT PLAN



LONGITUDINAL SECTION

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CLIENT:

Bihar State Road Development Corporation Limited (BSRDCL)
(A Government of Bihar Undertaking)
Manager (Tech.)
BSRDCL
PIU-Katihar

PROJECT:

Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar
Baysi - Bahadurganj - Dighalbank (SH-99)
D. G. M. (Tech.)
BSRDCL
PIU-Katihar

CONSULTANTS:

SAI Consulting Engineers Pvt. Ltd.
An ISO 9001 Certified Company
Block-A "SAI House", Salyam Corporate Square, B/n Rajpath
Club, Badshah, Ahmedabad-380059 Gujarat, India
Phone: +91-79-66142000/7000 Fax: +91-79-66142899
Email: mail@saiindia.com

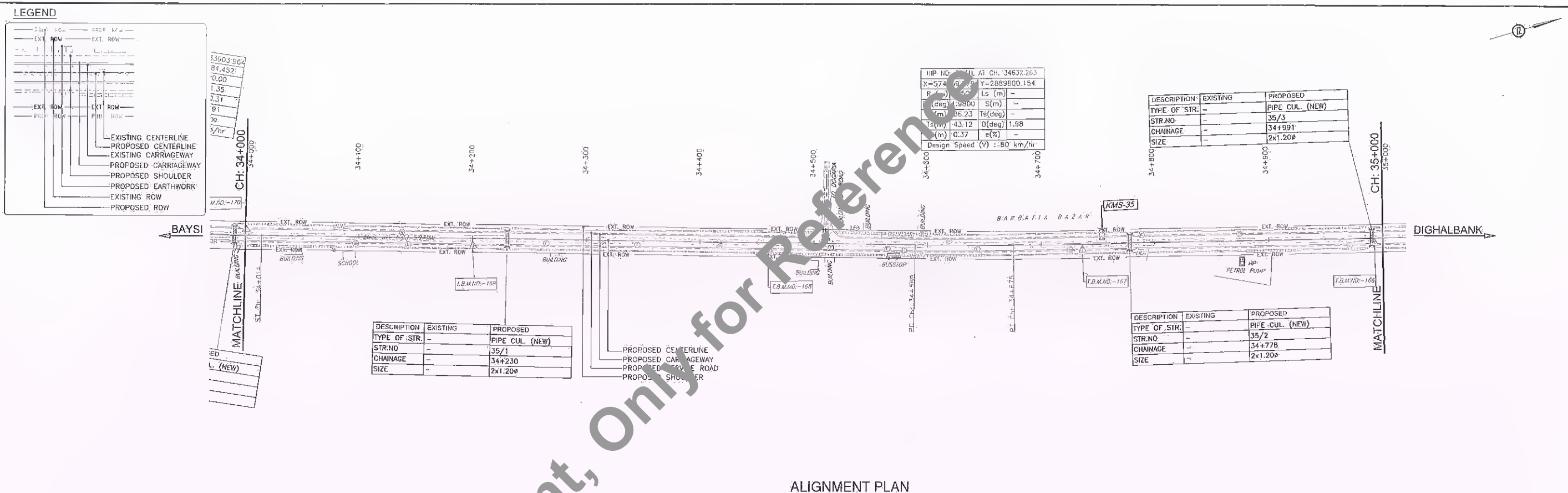
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PD	10/04/14	GOOD FOR CONSTRUCTION (DPR)			
PC	26/02/14	ISSUED WITH FINAL DPR			
PB	01/01/14	ADDENDUM OF DPR			
PA	13/11/13	ISSUED WITH DPR			

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VERTICAL SCALE: 1:250

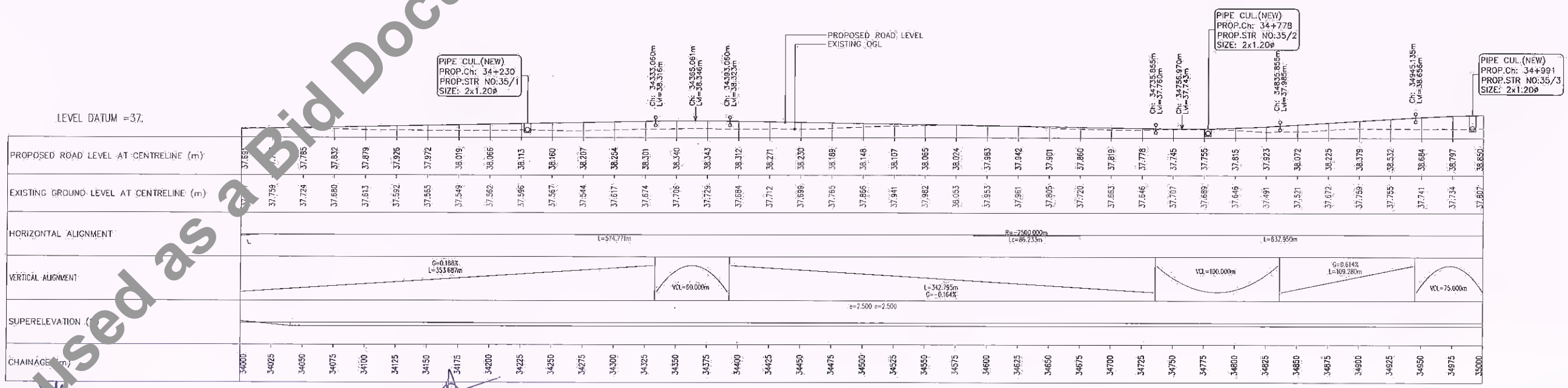
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ALIGNMENT PLAN & PROFILE
KM. 33+000 TO KM. 34+000

DRG. NO.: SAI-213007/DPR/CH/PP-34
REVISION: PF





ALIGNMENT PLAN



LONGITUDINAL SECTION

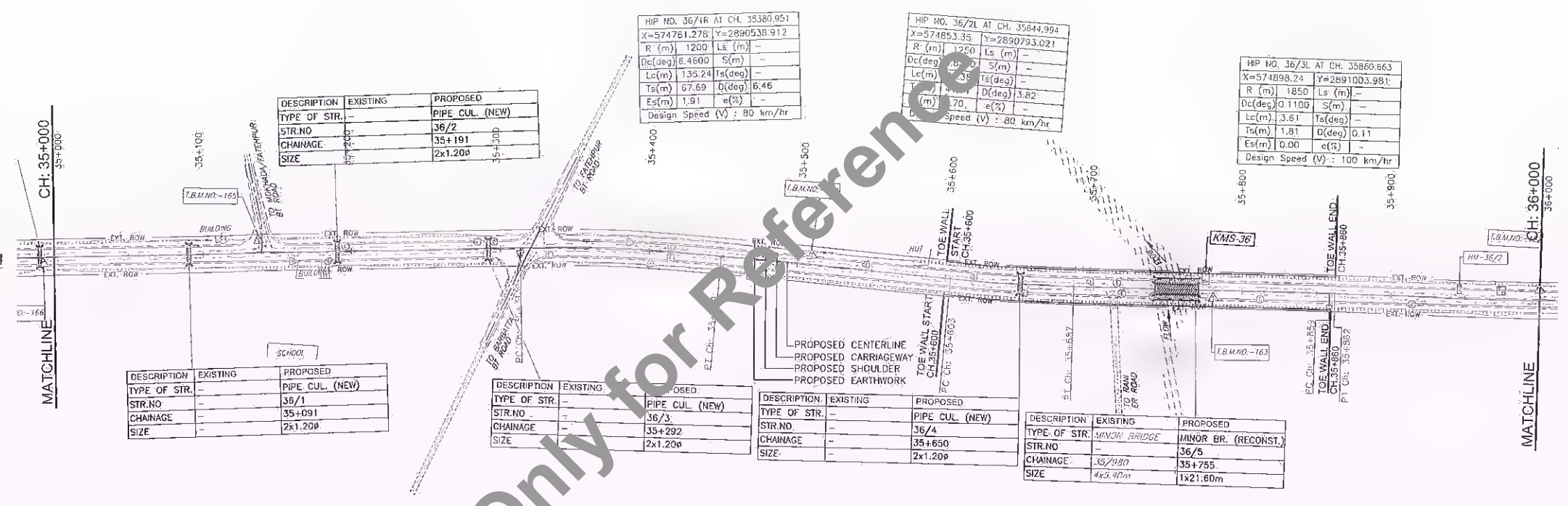
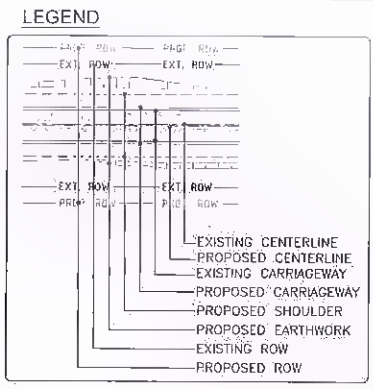
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Manager (Tech.)
 BSRDCL
 PIU-Katihar

D. G. M. (Tech.)
 BSRDCL
 PIU-Katihar



<p>Bihar State Road Development Corporation Limited (BSRDCL) (A Government of Bihar Undertaking)</p>	<p>PROJECT: Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar Baysi - Bahadurganj - Dighalbank (SH-99)</p>	<p>CONSULTANTS: SAI Consulting Engineers Pvt. Ltd. An ISO 9001 Certified Company</p>	<p>PE: 31/07/19 PD: 17/12/18 PC: 10/04/14 PB: 26/02/14 PA: 13/11/13</p>	<p>GOOD FOR CONSTRUCTION (REVISED DPR) GOOD FOR CONSTRUCTION (DPR) GOOD FOR CONSTRUCTION (DPR) ISSUED WITH FINAL DPR</p>	<p>DRAWN BY: R.K. CHECKED BY: A.S. APPROVED BY: J.D.</p>	<p>TITLE: RAUTA-MAHADEV DIGHI CHOWK (PACKAGE-III) ALIGNMENT PLAN & PROFILE KM. 34+000 TO KM. 35+000</p>
			<p>REV. DATE DESCRIPTION SIGN ISSUED BY: B.S.</p>	<p>HORIZONTAL: 1:2500 0 50 100 150 200m SCALE: 25 VERTICAL: 1:250 0 5 10 15 20m</p>	<p>DRG. NO.: SAI-213007/DPR/CH/PP-35 REVISION: PE</p>	



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STR. NO.	-	36/2
CHAINAGE	-	35+191
SIZE	-	2x1.20 ϕ

DESCRIPTION	EXISTING	PROPOSED
TYPE OF STR.	-	PIPE CUL. (NEW)
STR. NO.	-	36/1
CHAINAGE	-	35+091
SIZE	-	2x1.20 ϕ

DESCRIPTION	EXISTING	PROPOSED
TYPE OF STR.	-	PIPE CUL. (NEW)
STR. NO.	-	36/3
CHAINAGE	-	35+292
SIZE	-	2x1.20 ϕ

DESCRIPTION	EXISTING	PROPOSED
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STR. NO.	-	36/4
CHAINAGE	-	35+650
SIZE	-	2x1.20 ϕ

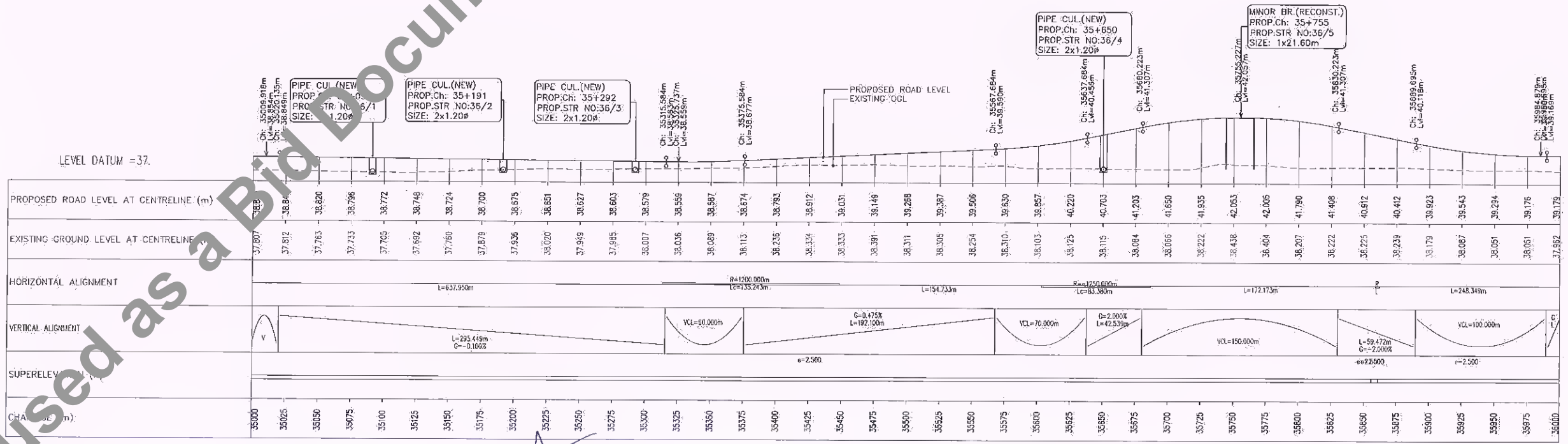
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TYPE OF STR.	MINOR BRIDGE	MINOR BR. (RECONST.)
STR. NO.	-	36/5
CHAINAGE	35/280	35+755
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Lc (m)	6.4600
Ls (m)	-
Dc (deg)	135.24
Ts (m)	07.69
Es (m)	1.91
e (%)	-
Design Speed (V)	80 km/hr

HIP NO. 36/2L AT CH. 35644.094	
X=574853.35	Y=2890793.021
R (m)	1200
Lc (m)	6.4600
Ls (m)	-
Dc (deg)	135.24
Ts (m)	07.69
Es (m)	1.91
e (%)	-
Design Speed (V)	80 km/hr

HIP NO. 36/3L AT CH. 35860.663	
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R (m)	1850
Lc (m)	0.1100
Ls (m)	-
Dc (deg)	0.1100
Ts (m)	1.81
Es (m)	0.00
e (%)	-
Design Speed (V)	100 km/hr

ALIGNMENT PLAN



LONGITUDINAL SECTION

Manager (Tech.)
BSRDCL
PIU-Katihar

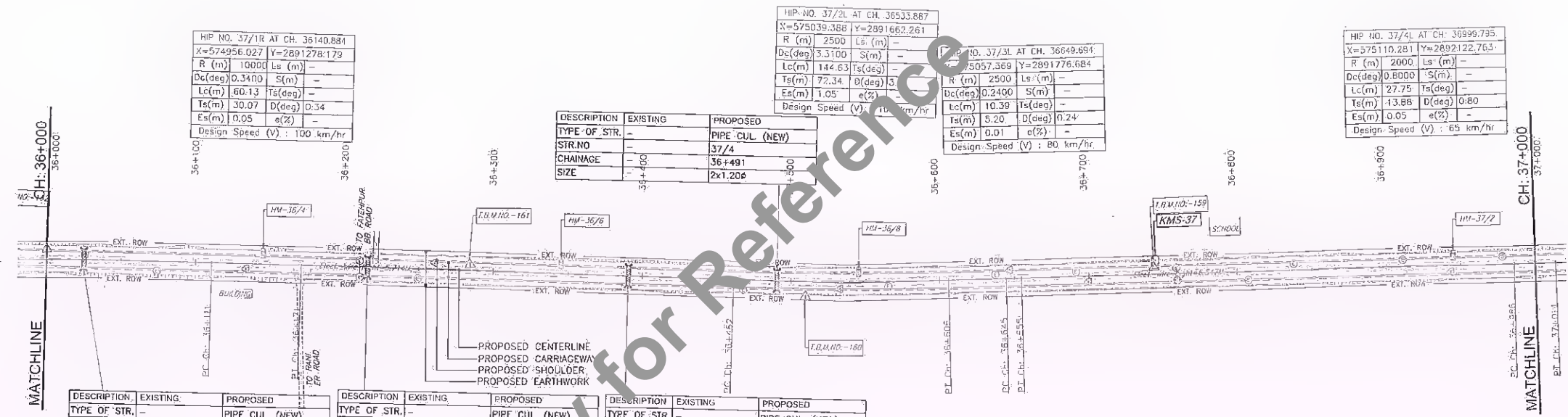
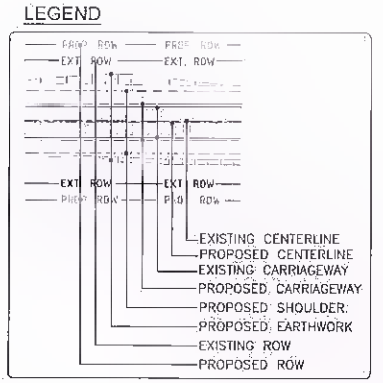
D. G. M. (Tech.)
BSRDCL
PIU-Katihar



<p>CLIENT : Bihar State Road Development Corporation Limited (BSRDCL) (A Government of Bihar Undertaking)</p>	<p>PROJECT : Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar Baysi - Bahadurganj - Dighalbank (SH-99)</p>	<p>CONSULTANTS : SAI Consulting Engineers Pvt. Ltd. An ISO 9001 Certified Company</p>	<p>PE 31/07/19 GOOD FOR CONSTRUCTION (REVISED DPR)</p>	<p>DRAWN BY : R.K.</p>	<p>TITLE : RAJITA-MAHADEV DIGHI CHOWK (PACKAGE-II) ALIGNMENT PLAN & PROFILE KM. 35+000 TO KM. 36+000</p>
			<p>PD 17/12/18 GOOD FOR CONSTRUCTION (DPR)</p>	<p>CHECKED BY : A.S.</p>	
<p>SAI CONSULTING ENGINEERS PVT. LTD. Block-A "SAI House", Solaimon Corporate Square, B/H. Rajpath, Club Road, Indira Nagar - 220059, Gopalganj, India. Phone : +91-79-66142600/7000, Fax : +91-79-66142600 Email : mail@saiconsulting.com</p>	<p>PA 13/11/13 ISSUED WITH DDPR</p>	<p>APPROVED BY : J.D.</p>	<p>ISSUED BY : B.S.</p>	<p>DRG. NO. : SAI-213007/DPR/C/H/PP - 36</p>	
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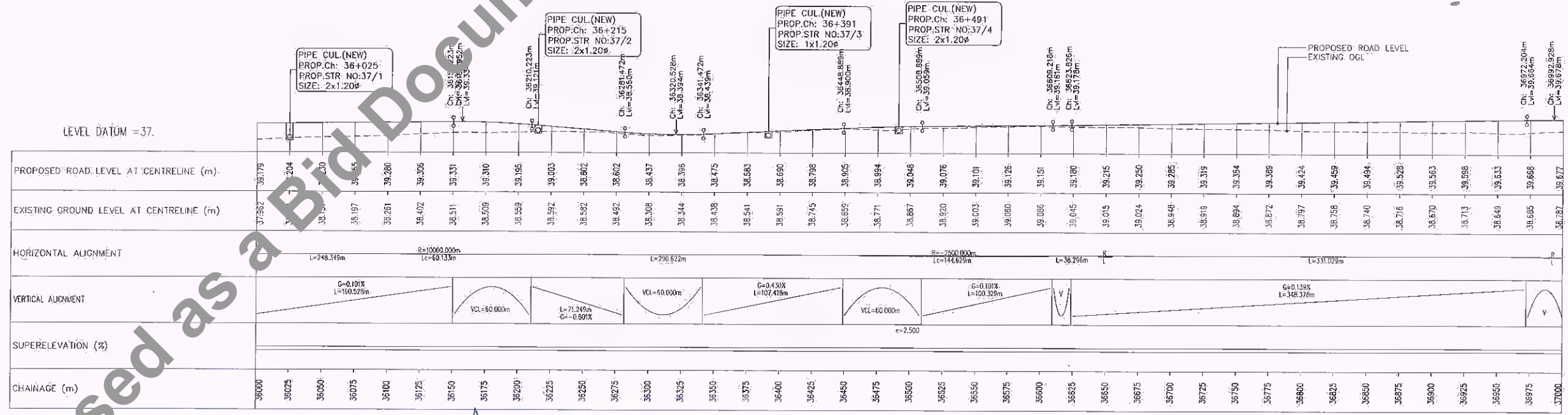
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Not to be used as a Bid Document, Only for Reference



DESCRIPTION	EXISTING	PROPOSED	DESCRIPTION	EXISTING	PROPOSED	DESCRIPTION	EXISTING	PROPOSED
TYPE OF STR.	-	PIPE CUL. (NEW)	TYPE OF STR.	-	PIPE CUL. (NEW)	TYPE OF STR.	-	PIPE CUL. (NEW)
STR. NO.	-	37/1	STR. NO.	-	37/2	STR. NO.	-	37/3
CHAINAGE	-	36+025	CHAINAGE	-	36+215	CHAINAGE	-	36+391
SIZE	-	2x1.20#	SIZE	-	2x1.20#	SIZE	-	1x1.20#

ALIGNMENT PLAN



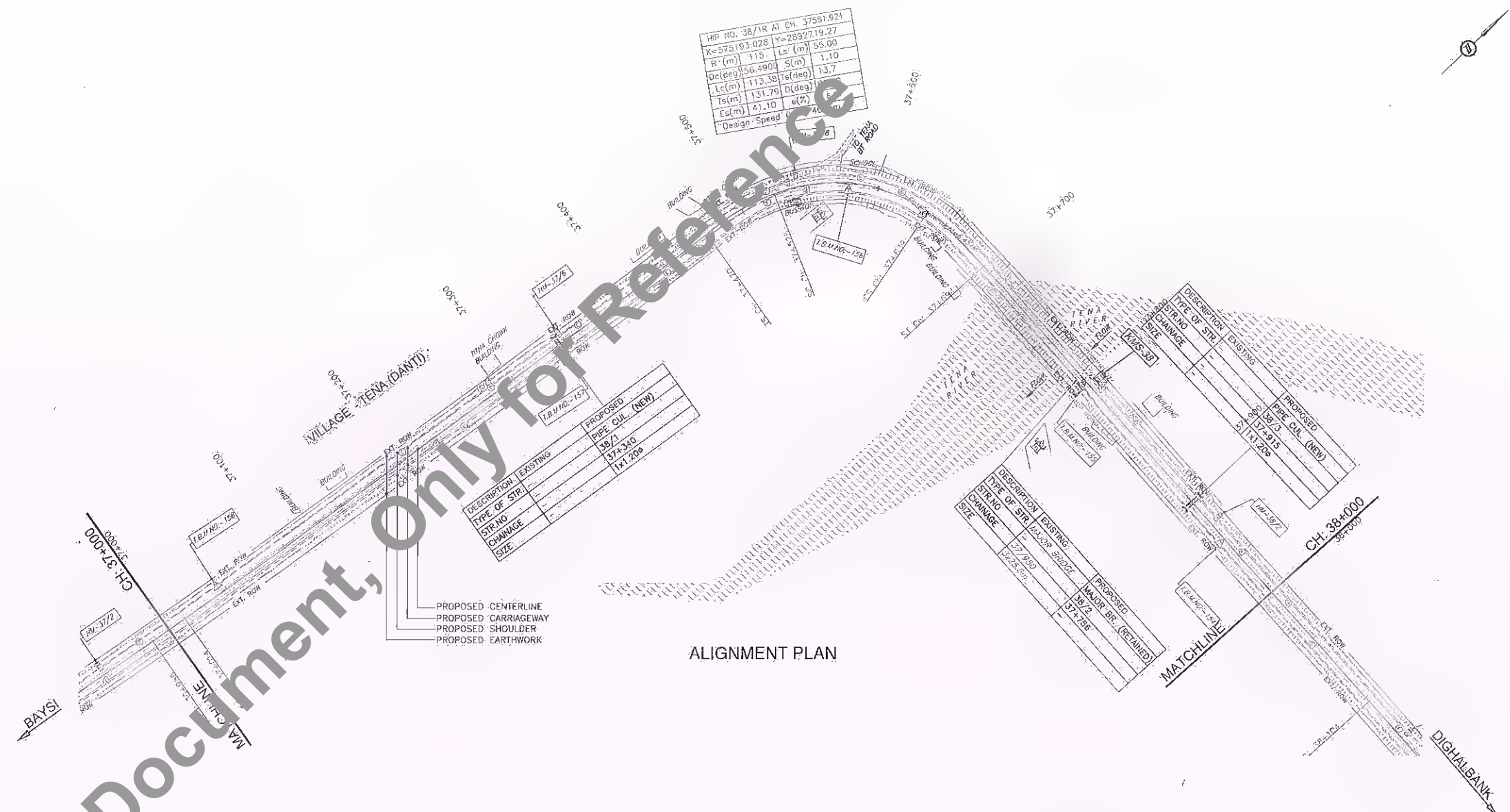
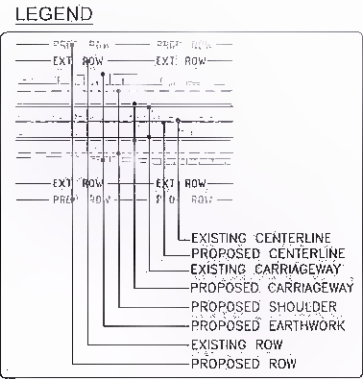
LONGITUDINAL SECTION

Manager (Tech.)
BSRDCL
MU-Katihar

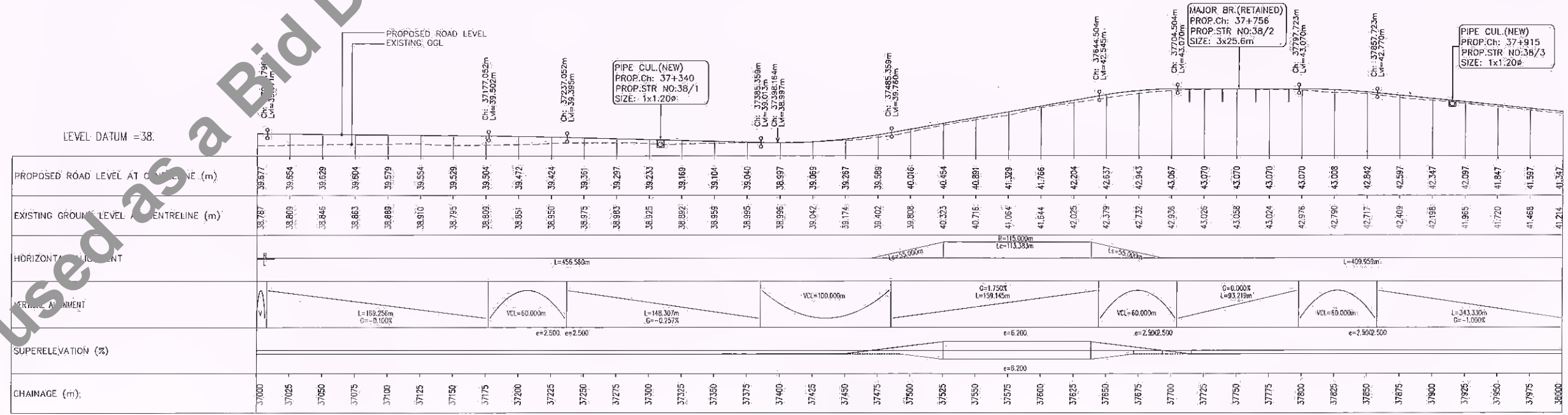
D. G. M. (Tech.)
BSRDCL
PIU-Katihar



<p>CLIENT:</p> <p>Bihar State Road Development Corporation Limited (BSRDCL) (A Government of Bihar Undertaking)</p>	<p>PROJECT:</p> <p>Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar Baysi - Bahadurganj - Dighalbank (SH-99)</p>	<p>CONSULTANTS:</p> <p>SAL Consulting Engineers Pvt. Ltd. An ISO 9001 Certified Company</p> <p>Block-A, 'Sai' House, Sanyam Corporate Square, B/N Rajpath Club, Badli, New Delhi-110028, India Phone: +91-11-26142600/700, Fax: +91-11-26142800 Email: mail@salindia.com</p>	<table border="1"> <tr> <td>PE</td> <td>31/07/19</td> <td>GOOD FOR CONSTRUCTION (REVISED DPR)</td> <td>DRAWN BY : R.K.</td> <td>TITLE : RAUTA MAHADEV DIGHI CHOWK (PACKAGE-II)</td> </tr> <tr> <td>PD</td> <td>17/12/18</td> <td>GOOD FOR CONSTRUCTION (DPR)</td> <td>CHECKED BY : A.S.</td> <td>ALIGNMENT PLAN & PROFILE</td> </tr> <tr> <td>PC</td> <td>10/04/14</td> <td>GOOD FOR CONSTRUCTION (DPR)</td> <td>APPROVED BY : J.D.</td> <td>KM. 36+000 TO KM. 37+000</td> </tr> <tr> <td>PP</td> <td>26/02/14</td> <td>ISSUED WITH FINAL DPR</td> <td>ISSUED BY : B.S.</td> <td></td> </tr> <tr> <td>PA</td> <td>13/11/13</td> <td>ISSUED WITH DPR.</td> <td></td> <td></td> </tr> </table>	PE	31/07/19	GOOD FOR CONSTRUCTION (REVISED DPR)	DRAWN BY : R.K.	TITLE : RAUTA MAHADEV DIGHI CHOWK (PACKAGE-II)	PD	17/12/18	GOOD FOR CONSTRUCTION (DPR)	CHECKED BY : A.S.	ALIGNMENT PLAN & PROFILE	PC	10/04/14	GOOD FOR CONSTRUCTION (DPR)	APPROVED BY : J.D.	KM. 36+000 TO KM. 37+000	PP	26/02/14	ISSUED WITH FINAL DPR	ISSUED BY : B.S.		PA	13/11/13	ISSUED WITH DPR.		
PE	31/07/19	GOOD FOR CONSTRUCTION (REVISED DPR)	DRAWN BY : R.K.	TITLE : RAUTA MAHADEV DIGHI CHOWK (PACKAGE-II)																								
PD	17/12/18	GOOD FOR CONSTRUCTION (DPR)	CHECKED BY : A.S.	ALIGNMENT PLAN & PROFILE																								
PC	10/04/14	GOOD FOR CONSTRUCTION (DPR)	APPROVED BY : J.D.	KM. 36+000 TO KM. 37+000																								
PP	26/02/14	ISSUED WITH FINAL DPR	ISSUED BY : B.S.																									
PA	13/11/13	ISSUED WITH DPR.																										
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ALIGNMENT PLAN

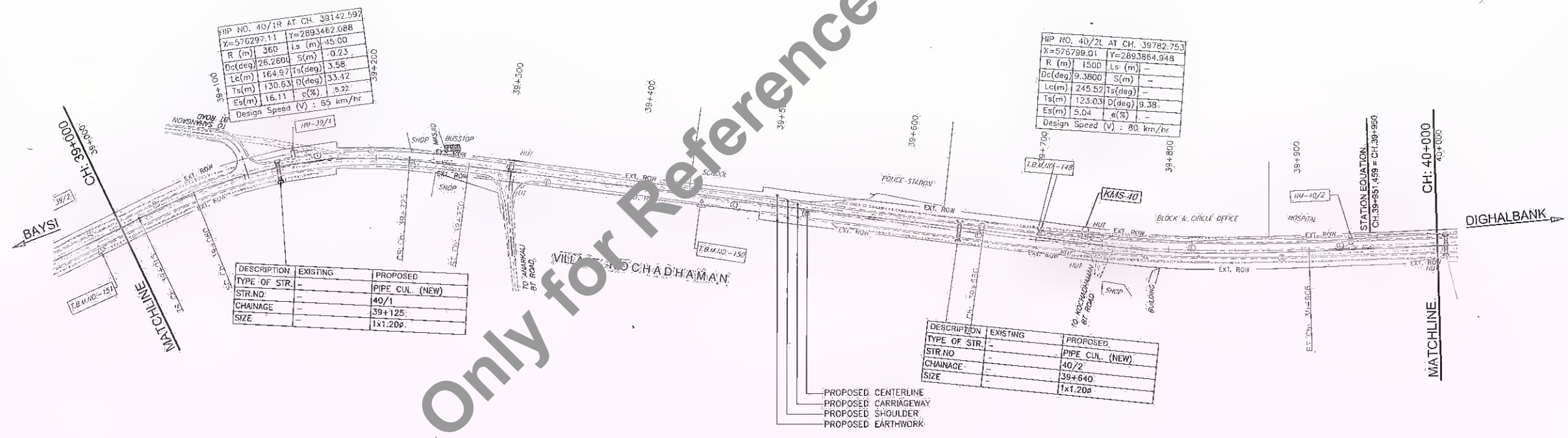
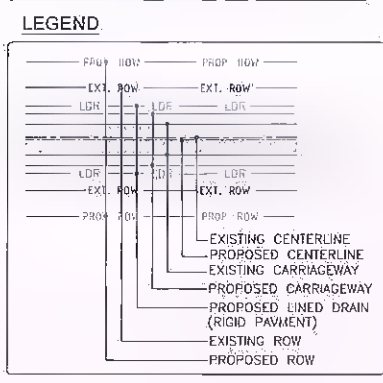
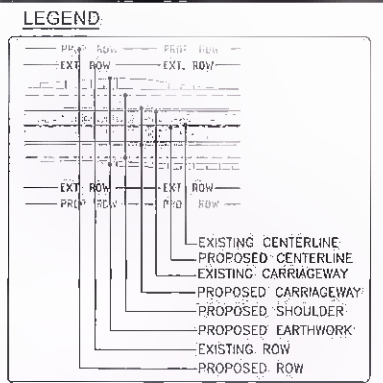


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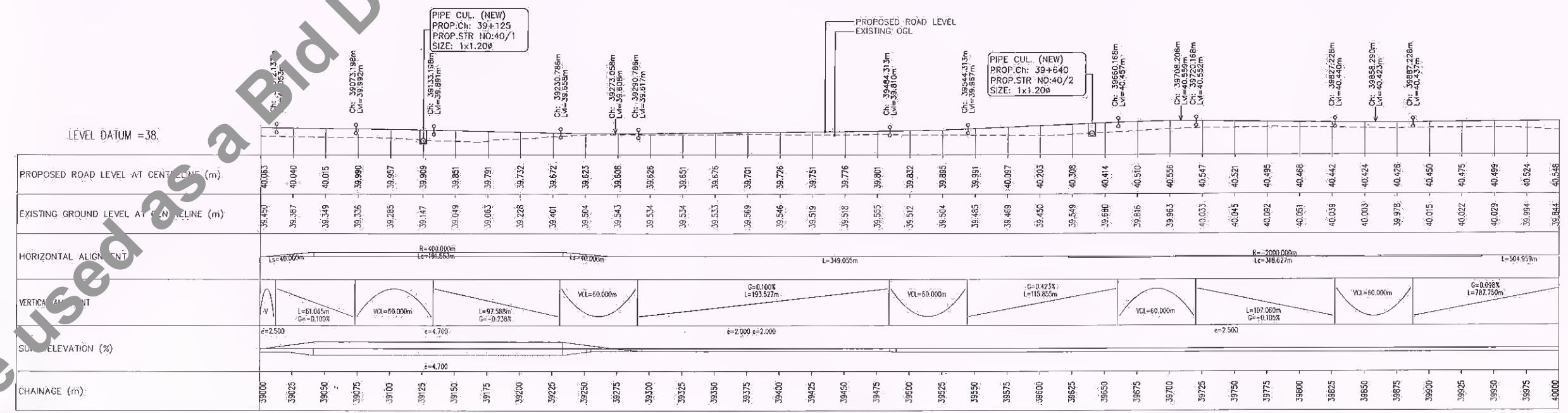
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<p>CLIENT: Bihar State Road Development Corporation Limited (BSRDCL) (A Government of Bihar Undertaking) Manager (Tech.) BSRDCL PIU-Katihar</p>	<p>PROJECT: Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar Baysi - Bahadurganj - Dighalbank (SH-99) D. G. M. (Tech.) BSRDCL PIU-Katihar</p>	<p>CONSULTANTS: SAI Consulting Engineers Pvt. Ltd. An ISO 9001 Certified Company Block-A 'SAI House' Sakyam Corporate Square, D/h Rajpath Club, Bodakhey, Ahmedabad-380059, Gujarat, India Phone: +91-79-66142600/700, Fax: +91-79-66142600 Email: info@saiengineers.com</p>	<p>PE 31/07/19 GOOD FOR CONSTRUCTION (REVISED DPR)</p> <p>PD 17/12/18 GOOD FOR CONSTRUCTION (DPR)</p> <p>PC 10/04/14 GOOD FOR CONSTRUCTION (DPR)</p> <p>PA 26/02/14 ISSUED WITH FINAL DPR</p> <p>PA 13/11/13 ISSUED WITH DPR</p>	<p>DRAWN BY : R.K.</p> <p>CHECKED BY : A.S.</p> <p>APPROVED BY : J.D.</p> <p>ISSUED BY : B.S.</p>	<p>TITLE: RAUTA-MAHADEV DIGHI CHOWK (PACKAGE-II) ALIGNMENT PLAN & PROFILE KM. 37+000 TO KM. 38+000</p>
			<p>REV. DATE DESCRIPTION SIGN</p> <p>HORIZONTAL : 1:2500</p> <p>VERTICAL : 1:250</p>	<p>DRG. NO. : SAI-213007/DPR/CH/PP- 38</p> <p>REVISION : PE</p>	





ALIGNMENT PLAN

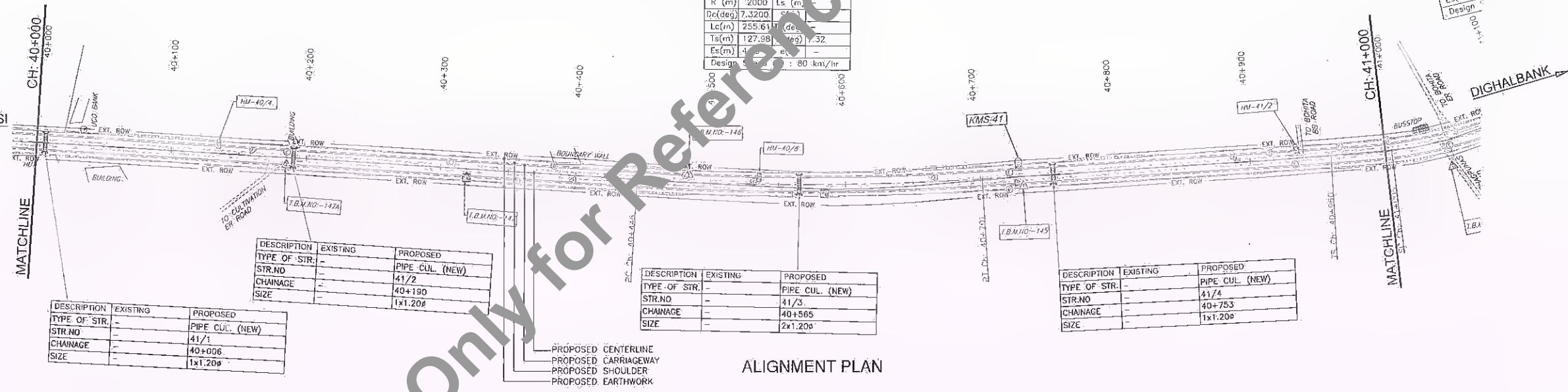
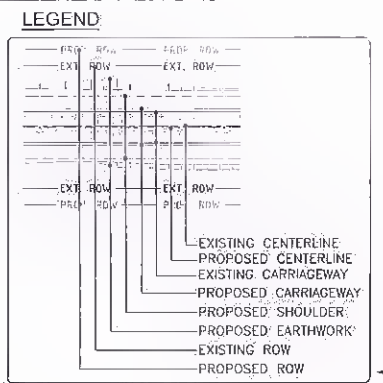


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<p>PROJECT: Bihar State Road Development Corporation Limited (BSRDCL) (A Government of Bihar Undertaking)</p> <p>Manager (Tech.) BSRDCL PIU-Katihar</p>	<p>PROJECT: Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar</p> <p><i>Baysi - Bahadarganj - Dighalbank (SH-99)</i></p> <p>D. G. M. (Tech.) BSRDCL PIU-Katihar</p>	<p>CONSULTANTS: SAI Consulting Engineers Pvt. Ltd.</p> <p>An ISO 9001 Certified Company</p> <p>SAI SYSTRA GROUP</p> <p>Block-A "SAI House", Sahyog Corporate Square, B'n Rajpath, Club Bodekher, Ahmedabad-380019, Gujarat, India Phone : 91-79-6542600/700, Fax : 91-79-6617200 Email : saei@saiindia.com</p>	<table border="1"> <tr><td>REV.</td><td>DATE</td><td>DESCRIPTION</td><td>SIGN</td><td>ISSUED BY</td><td>B.S.</td></tr> <tr><td>01</td><td>31/07/19</td><td>GOOD FOR CONSTRUCTION (REVISED DPR)</td><td></td><td></td><td></td></tr> <tr><td>02</td><td>17/12/18</td><td>GOOD FOR CONSTRUCTION (DPR)</td><td></td><td></td><td></td></tr> <tr><td>03</td><td>10/04/14</td><td>GOOD FOR CONSTRUCTION (DPR)</td><td></td><td></td><td></td></tr> <tr><td>04</td><td>26/02/14</td><td>ISSUED WITH FINAL DDPR</td><td></td><td></td><td></td></tr> <tr><td>05</td><td>01/01/14</td><td>ADDENDUM OF DDPR</td><td></td><td></td><td></td></tr> <tr><td>06</td><td>13/11/13</td><td>ISSUED WITH DDPR</td><td></td><td></td><td></td></tr> </table> <p>SCALE: HORIZONTAL: 1:2500, 1:500, 1:100, 1:50, 1:20, 1:10, 1:5, 1:2, 1:1 VERTICAL: 1:250, 1:100, 1:50, 1:20, 1:10, 1:5, 1:2, 1:1</p>	REV.	DATE	DESCRIPTION	SIGN	ISSUED BY	B.S.	01	31/07/19	GOOD FOR CONSTRUCTION (REVISED DPR)				02	17/12/18	GOOD FOR CONSTRUCTION (DPR)				03	10/04/14	GOOD FOR CONSTRUCTION (DPR)				04	26/02/14	ISSUED WITH FINAL DDPR				05	01/01/14	ADDENDUM OF DDPR				06	13/11/13	ISSUED WITH DDPR				<p>TITLE: RAJTA-MAHADEV DIGHI CHOWK (PACKAGE-II)</p> <p>ALIGNMENT PLAN & PROFILE KM. 39+000 TO KM. 40+000</p> <p>DRG. NO.: SAI-213007/DPR/CH/PP-40</p> <p>REVISION: PF</p>
REV.	DATE	DESCRIPTION	SIGN	ISSUED BY	B.S.																																									
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05	01/01/14	ADDENDUM OF DDPR																																												
06	13/11/13	ISSUED WITH DDPR																																												





HIP NO. 41/1L AT CH. 4057.3

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Dc(deg)	7.3200	Ss (m)	-
Lc(m)	255.61	de (m)	-
Ts(m)	127.98	es (m)	-
Es(m)	-	Design	80 km/hr

HIP NO. 42/

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Design	80 km/hr

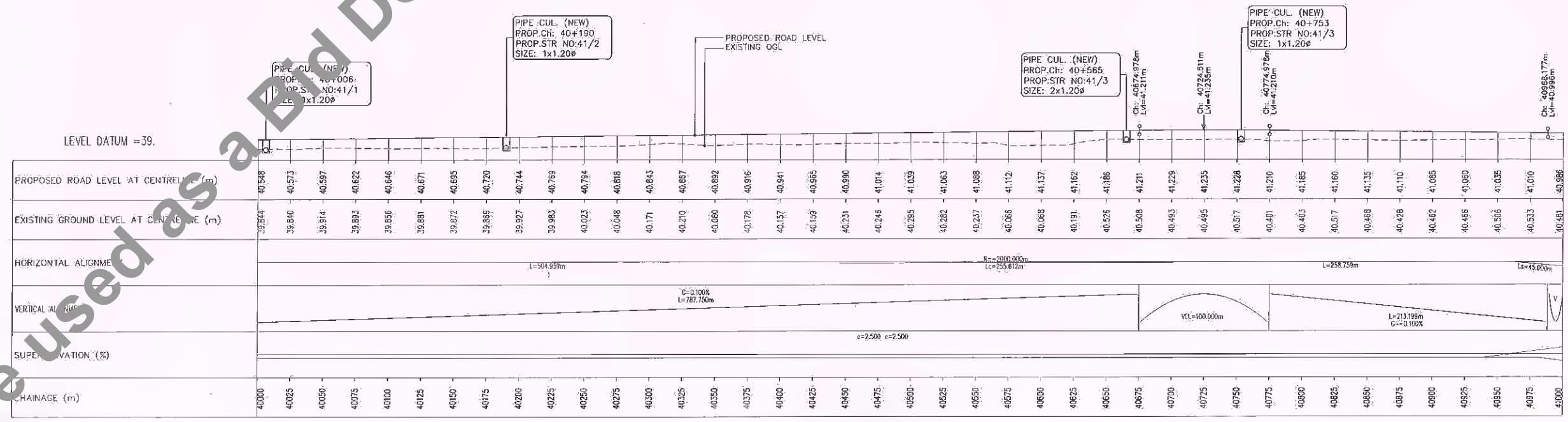
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SIZE	-	1x1.20 ^ø

DESCRIPTION	EXISTING	PROPOSED
TYPE OF STR.	-	PIPE CUL. (NEW)
STR.NO	-	41/2
CHAINAGE	-	40+190
SIZE	-	1x1.20 ^ø

DESCRIPTION	EXISTING	PROPOSED
TYPE OF STR.	-	PIPE CUL. (NEW)
STR.NO	-	41/3
CHAINAGE	-	40+565
SIZE	-	2x1.20 ^ø

DESCRIPTION	EXISTING	PROPOSED
TYPE OF STR.	-	PIPE CUL. (NEW)
STR.NO	-	41/4
CHAINAGE	-	40+753
SIZE	-	1x1.20 ^ø

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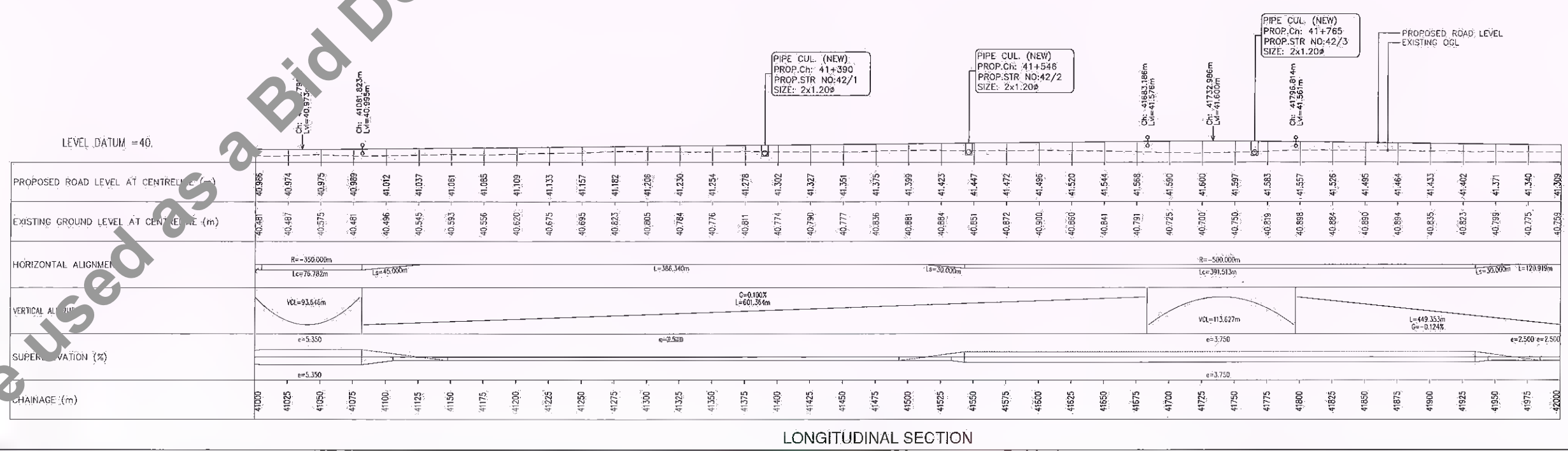
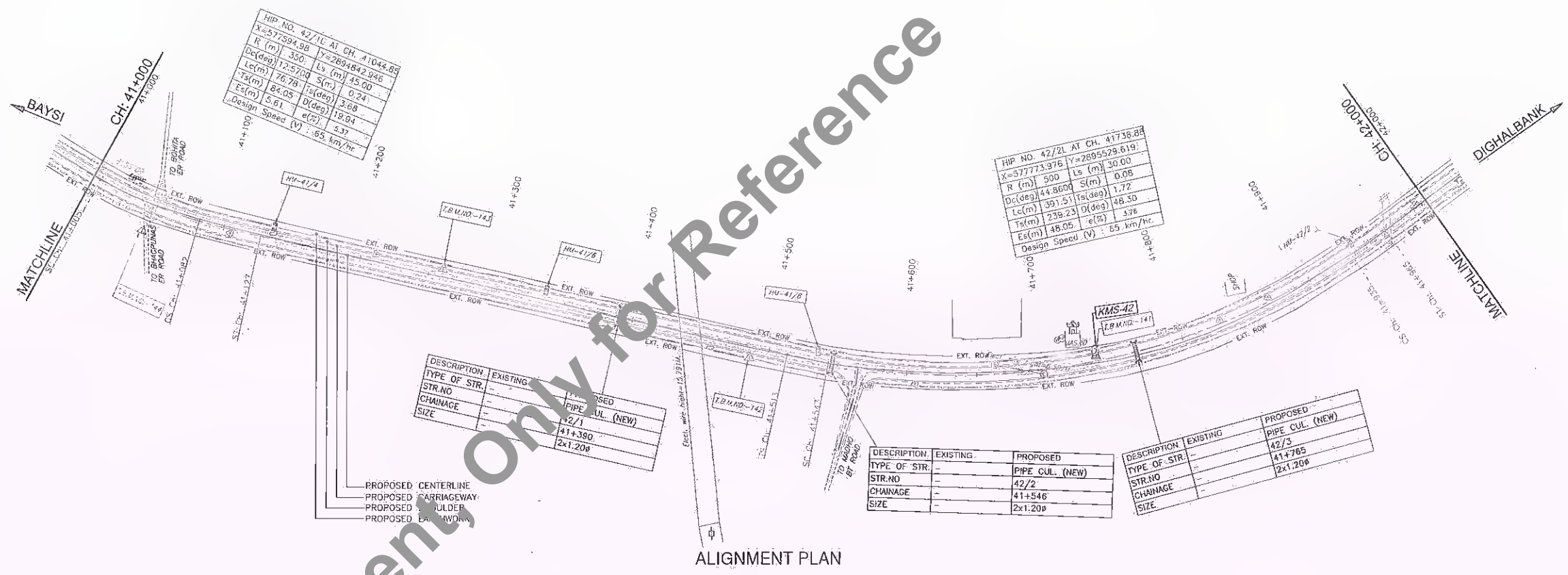


LONGITUDINAL SECTION

<p>Bihar State Road Development Corporation Limited (BSRDCL) (A Government of Bihar Undertaking) Manager (Tech.) BSRDCL PIU-Katihar</p>	<p>PROJECT:</p> <p>Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar <i>Baysi - Bahadurganj - Dighalbank (SH-99)</i></p> <p>D. G. M. (Tech.) BSRDCL PIU-Katihar</p>	<p>CONSULTANTS:</p> <p>SAI Consulting Engineers Pvt. Ltd. An ISO 9001 Certified Company</p> <p>Block-A "Sai House", Solvay Corporate Square, 8/h Rajpath, Club Road, Ahmedabad-380055, Gujarat, India. Phone: +91-79-56142600/700, Fax: +91-79-66142800. Email: info@saiengineers.com</p>	<p>PC: 31/07/19, 0000 FOR CONSTRUCTION (REVISED DPR)</p> <p>PD: 17/12/18, 0000 FOR CONSTRUCTION (DPR)</p> <p>PE: 10/04/14, 0000 FOR CONSTRUCTION (DPR)</p> <p>PF: 26/02/14, ISSUED WITH FINAL DPR</p> <p>PA: 13/11/13, ISSUED WITH DPR</p>	<p>DRAWN BY: R.K.</p> <p>CHECKED BY: A.S.</p> <p>APPROVED BY: J.D.</p> <p>ISSUED BY: B.S.</p>	<p>TITLE: RAUTA-MAHADEV DIGHI CHOWK (PACKAGE-II)</p> <p>ALIGNMENT PLAN & PROFILE KM. 40+000 TO KM. 41+000</p> <p>DRG. NO.: SAI-213007/DPR/C/PP-41</p> <p>REVISION: PE</p>
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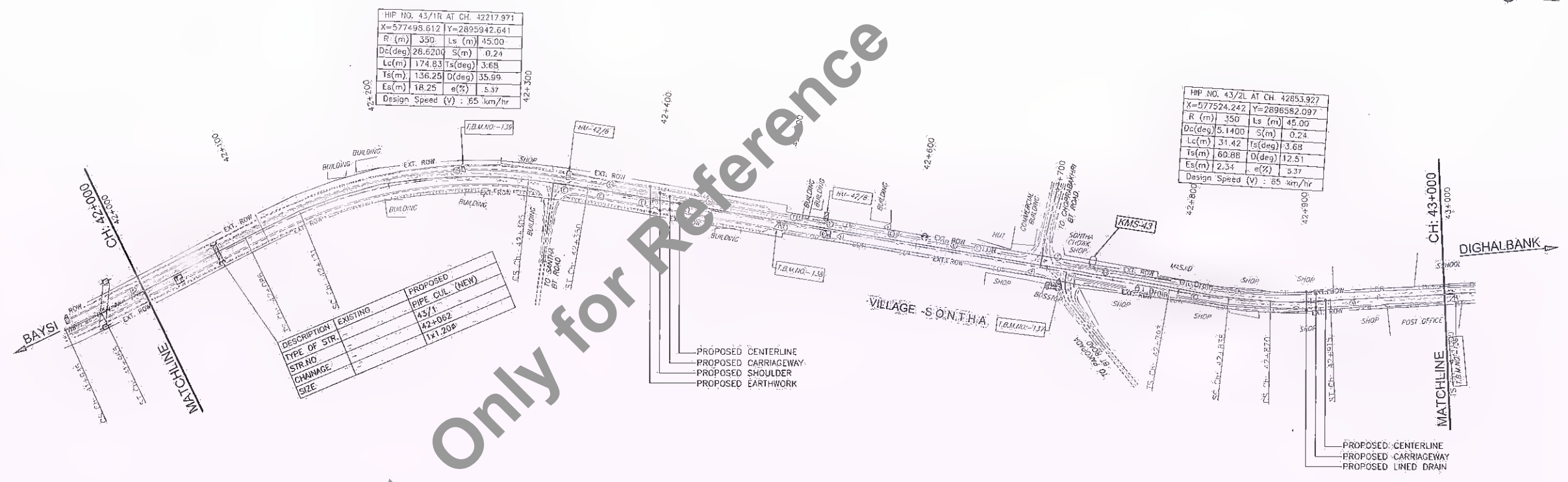
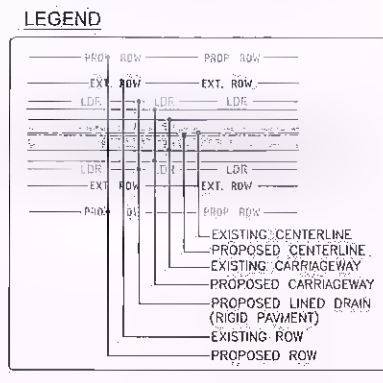
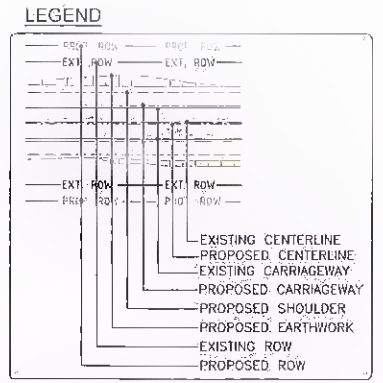
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—	EXISTING ROW
—	PROPOSED ROW

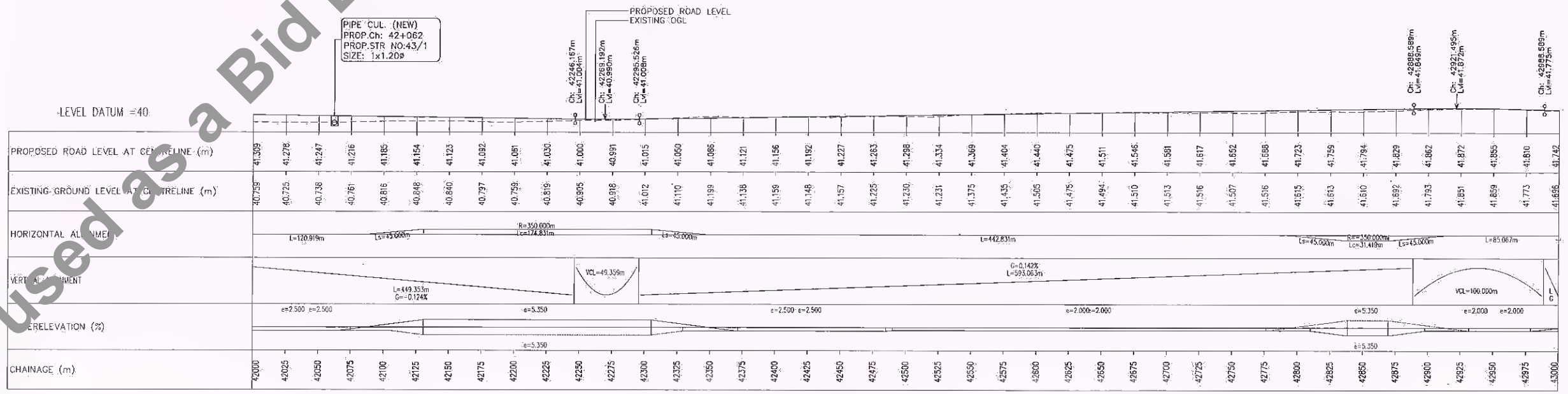


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<p>Bihar State Road Development Corporation Limited (BSRDCL) (A Government of Bihar Undertaking) Manager (Tech.) BSRDCL PIU-Katihar</p>	<p>PROJECT: Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar Baysi - Bahadurgarh - Dighalbank (SH-99)</p> <p>D. G. M. (Tech.) BSRDCL PIU-Katihar</p>	<p>CONSULTANTS: SAI Consulting Engineers Pvt. Ltd. An ISO 9001 Certified Company</p> <p>SAI SYSTRA GROUP</p> <p>Block-A "Sai House", Solihum Corporate Square, B/h Rajpath Club, Badli, New Delhi-110028 Phone: +91-79-86142600/700, Fax: +91-79-86142800 Email: mia@saiconsulting.com</p>	<p>PE 31/07/19 GOOD FOR CONSTRUCTION (REVISED DPR)</p> <p>PD 17/12/18 GOOD FOR CONSTRUCTION (DPR)</p> <p>PC 10/04/14 GOOD FOR CONSTRUCTION (DPR)</p> <p>PB 26/02/14 ISSUED WITH FINAL DPR</p> <p>PA 13/11/13 ISSUED WITH DPR</p>	<p>DRAWN BY : R.K.</p> <p>CHECKED BY : A.S.</p> <p>APPROVED BY : J.D.</p> <p>ISSUED BY : B.S.</p>	<p>TITLE: RAUTA-MAHADEV DIGHI CHOWK (PACKAGE-B) ALIGNMENT PLAN & PROFILE KM. 41+000 TO KM. 42+000</p> <p>DRG. NO.: SAI-213007/DPR/C/H/PP - 42</p> <p>REVISION: PE</p>
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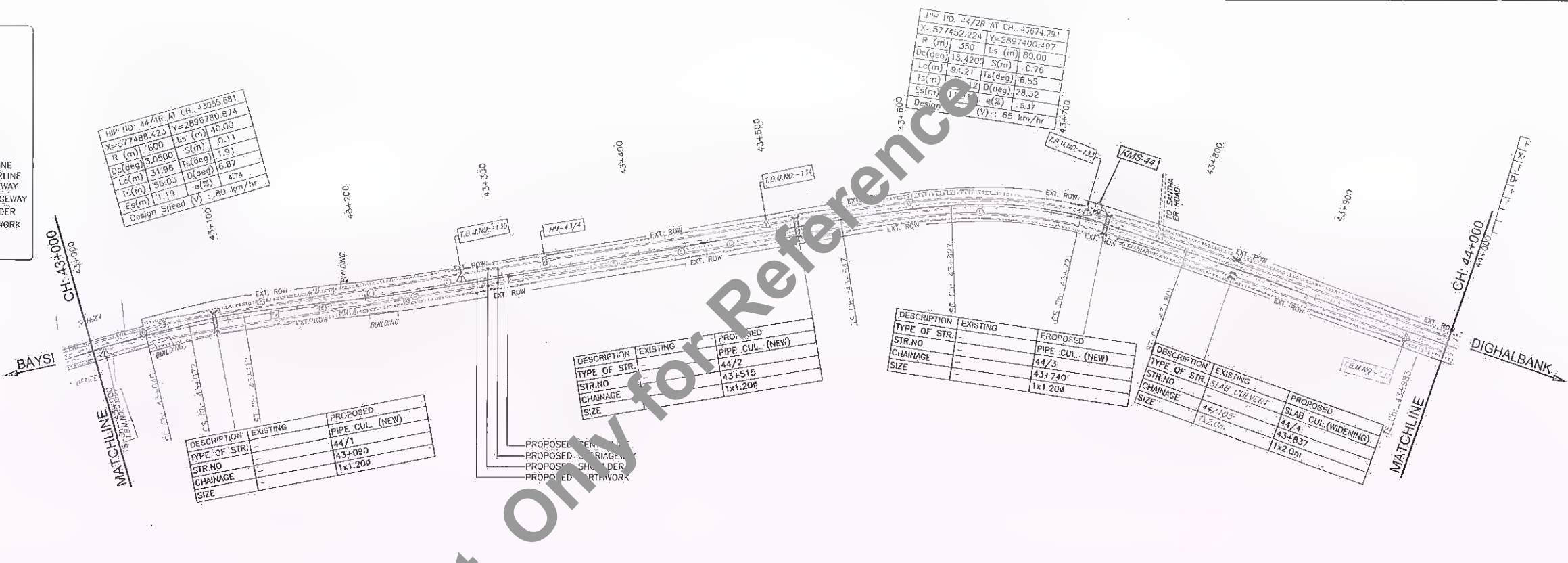
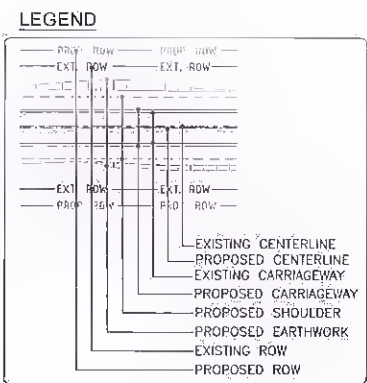
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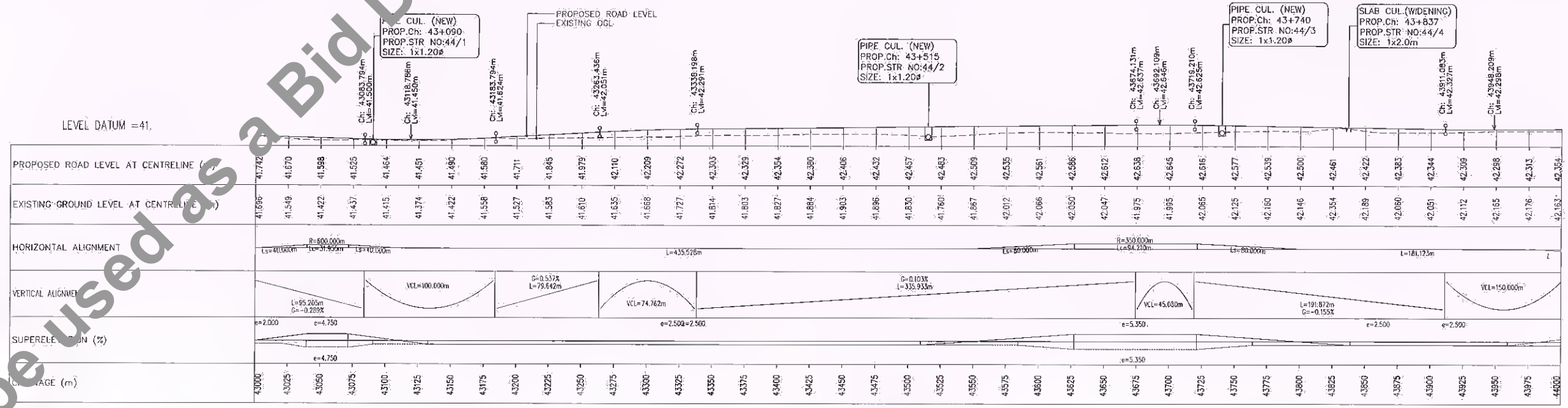
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<p>Bihar State Road Development Corporation Limited (BSRDCL) (A Government of Bihar Undertaking) Manager (Tech.)</p>	<p>PROJECT: Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar <i>Baysi - Bahadurganj - Dighalbank (SH-99)</i> D. G. M. (Tech.) BSRDCL PIU-Katihar</p>	<p>CONSULTANTS: SAL SYSTRA GROUP SAI Consulting Engineers Pvt. Ltd. An ISO 9001 Certified Company B-6/A "SAI House", Satyam Corporate Square, B/h Rajpath Club, Bahadurganj, Patna-800059, Bihar, India Phone: +91-91-99-6614260/700, Fax: +91-91-99-6614280 Email: info@saiindia.com</p>	<p>PE 31/07/19 GOOD FOR CONSTRUCTION (REVISED DPR)</p>	<p>DRAWN BY: R.K.</p>	<p>TITLE: RAUTA MAHADEV DIGHI CHOWK (PACKAGE-B) ALIGNMENT PLAN & PROFILE KM. 42+000 TO KM. 43+000</p>
			<p>PD 17/12/18 GOOD FOR CONSTRUCTION (DPR)</p>	<p>CHECKED BY: A.S.</p>	
<p>PS 18/04/14 GOOD FOR CONSTRUCTION (DPR)</p>	<p>APPROVED BY: J.O.</p>	<p>SAI CONSULTING ENGINEERS PVT. LTD.</p>	<p>PA 13/11/13 ISSUED WITH DDPR</p>	<p>ISSUED BY: B.S.</p>	<p>DRG. NO.: SAI-213007/DPR/C/HPP - 43</p>
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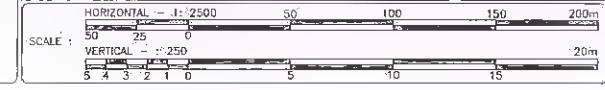
ALIGNMENT PLAN

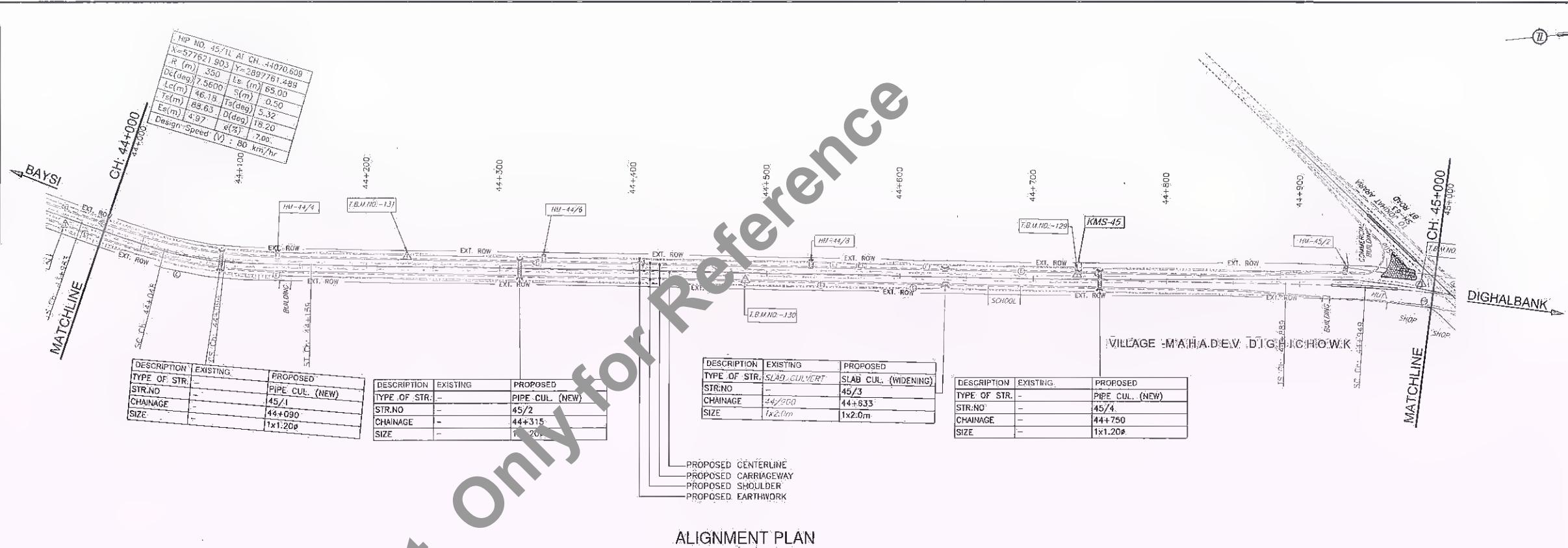
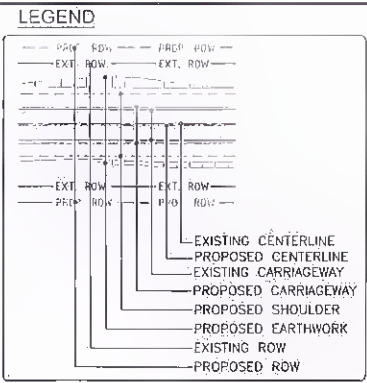


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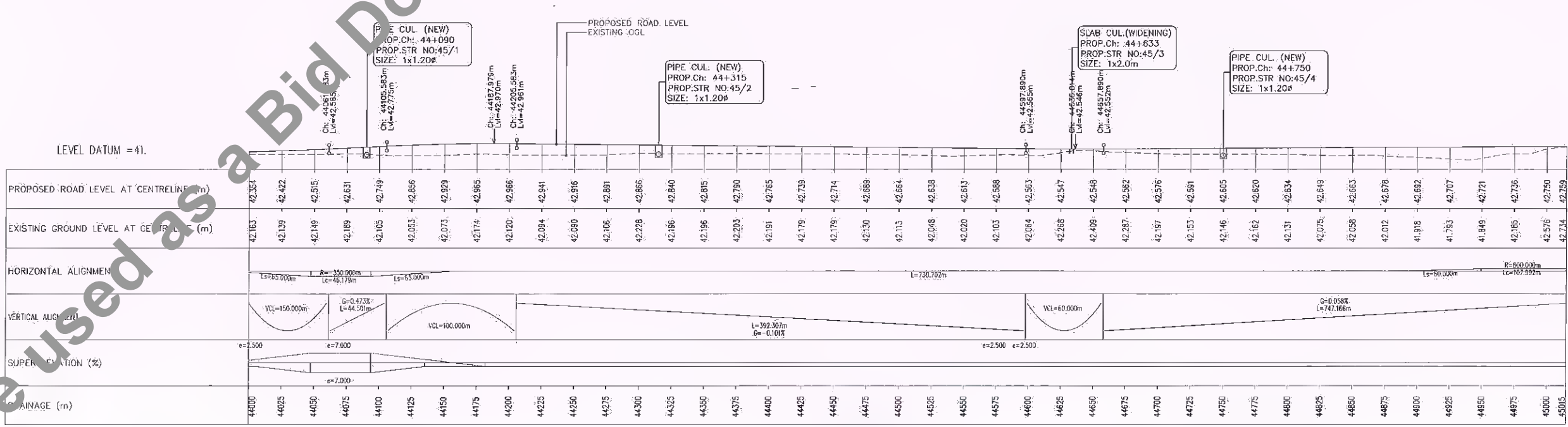
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<p>CLIENT: Bihar State Road Development Corporation Limited (BSRDCL) (A Government of Bihar Undertaking) Manager (Tech.) BSRDCL PIU-Katihar</p>	<p>PROJECT: Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar Baysi - Bahadurganj - Dighalbank (SH-99) D. G. M. (Tech.) BSRDCL PIU-Katihar</p>	<p>CONSULTANTS: SAI Consulting Engineers Pvt. Ltd. An ISO 9001 Certified Company Block-A "SAI House", Sakinagar Complex Square, B/H Rajpath Club, Boddevi, Ahmedabad-380059, Gujarat, India Phone: +91-79-66142600/700 Fax: +91-79-66142800 Email: mail@saiconsulting.com</p>	<p>PE: 31/07/19 GOOD FOR CONSTRUCTION (REVISED DPR)</p> <p>PD: 17/12/18 GOOD FOR CONSTRUCTION (DPR)</p> <p>PC: 10/04/14 GOOD FOR CONSTRUCTION (DPR)</p> <p>PA: 26/02/14 ISSUED WITH FINAL DPR</p> <p>PA: 13/11/13 ISSUED WITH DPR</p>	<p>DRAWN BY: :R.K.</p> <p>CHECKED BY: :A.S.</p> <p>APPROVED BY: :J.D.</p> <p>ISSUED BY: :B.S.</p>	<p>TITLE: RAUTA-MAHADEV DIGHI CHOWK (PACKAGE-II) ALIGNMENT PLAN & PROFILE KM. 43+000 TO KM. 44+000</p>						
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REV.	DATE	DESCRIPTION	SIGN	ISSUED BY							





ALIGNMENT PLAN




LONGITUDINAL SECTION

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CLIENT:

Bihar State Road Development Corporation Limited (BSRDCL)
 (A Government of Bihar Undertaking)
Manager (Tech.)
 BSRDCL
 PIU-Katihar

PROJECT:
Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar
Baysi - Bahadurganj - Dighalbank (SH-99)
D. G. M. (Tech.)
 BSRDCL
 PIU-Katihar

CONSULTANTS:

SAI Consulting Engineers Pvt. Ltd.
 An ISO 9001 Certified Company
 Block-A "SAI House" Satyamev Corporate Square, B/A Rajpath
 Club Road, New Ahmedabad-380015, Gujarat, India
 Phone: +91-79-66426889/90/91 Fax: +91-79-66426890
 Email: mail@saiindia.com

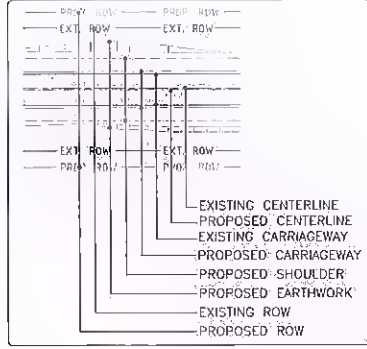
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PD	31/03/17	GOOD FOR CONSTRUCTION (DPR)		J.D.
PC	19/04/14	GOOD FOR CONSTRUCTION (DPR)		B.S.
PB	26/02/14	ISSUED WITH FINAL DPR		
PA	13/11/13	ISSUED WITH DPR		

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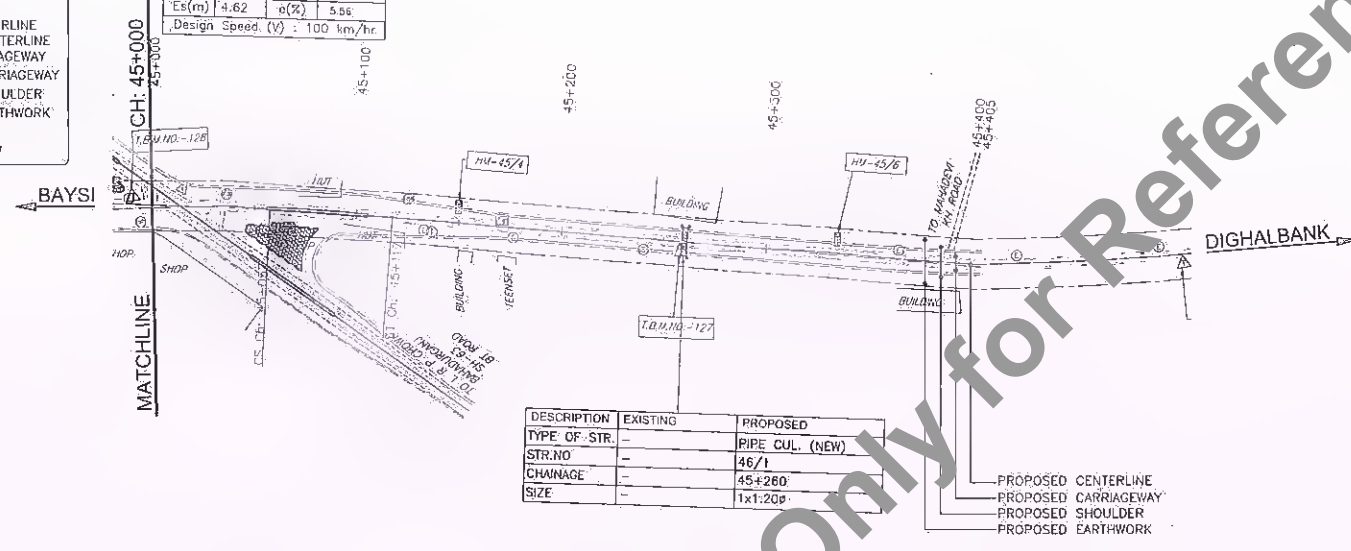
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ALIGNMENT PLAN & PROFILE
KM. 44+000 TO KM. 45+000
DRG. NO.:
 SAI-213007/DPR/CH/PP - 45
REVISION: PF



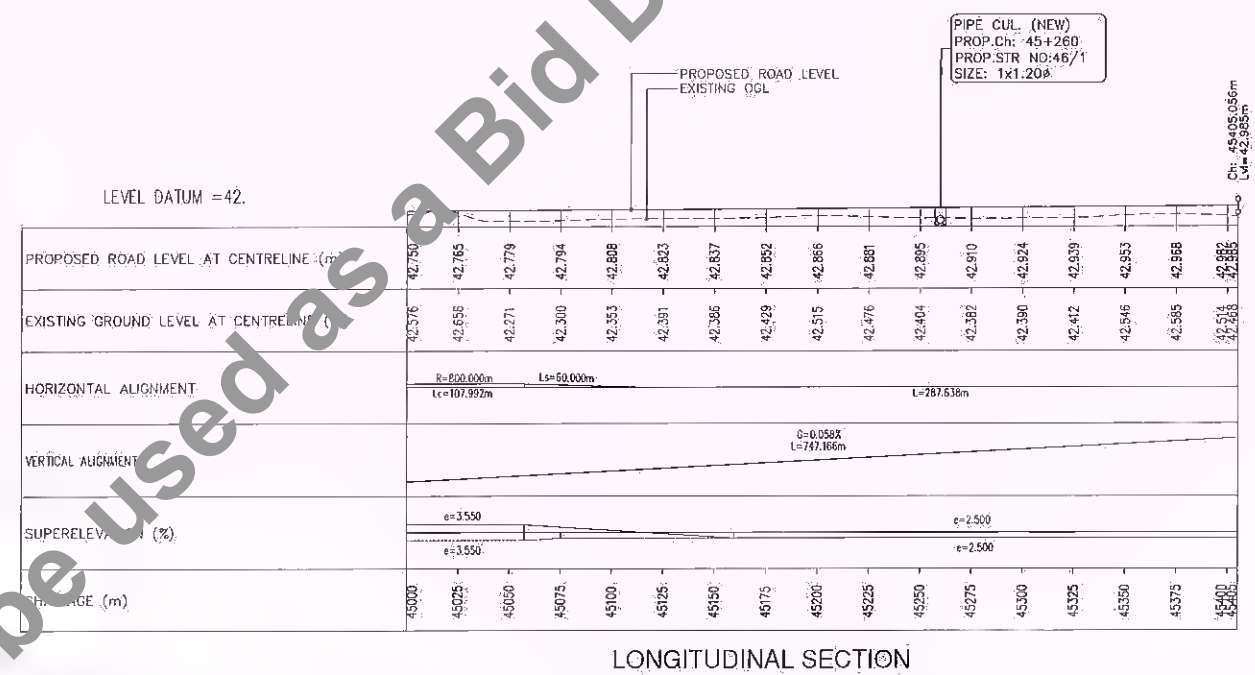
LEGEND



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 Lc(m) 107.99 Ts(deg) 2.15
 Te(m) 114.33 D(deg) 12.03
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ALIGNMENT PLAN

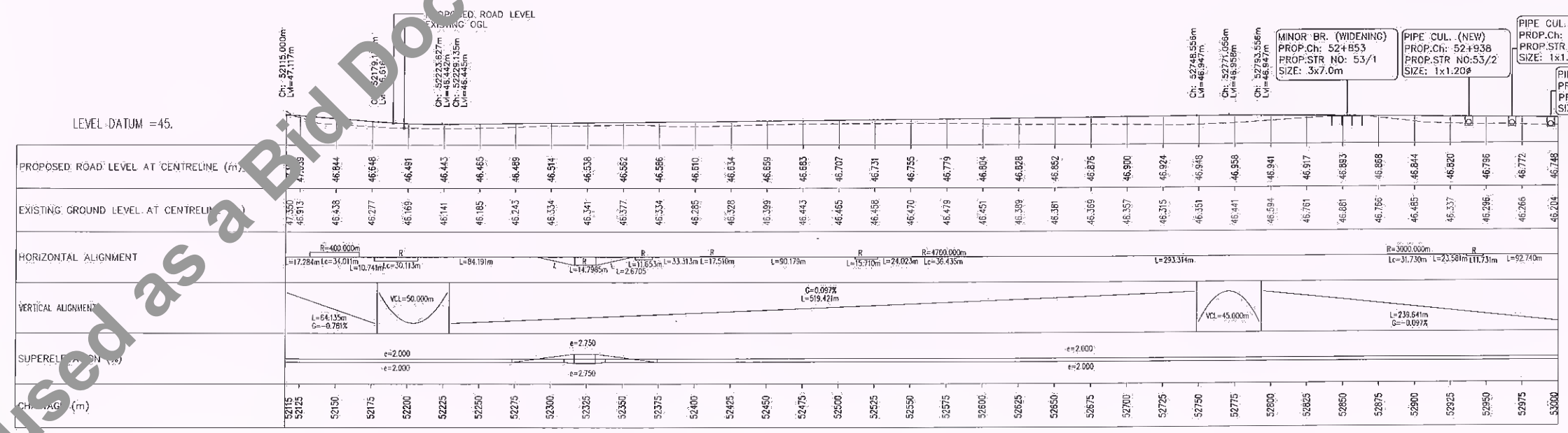
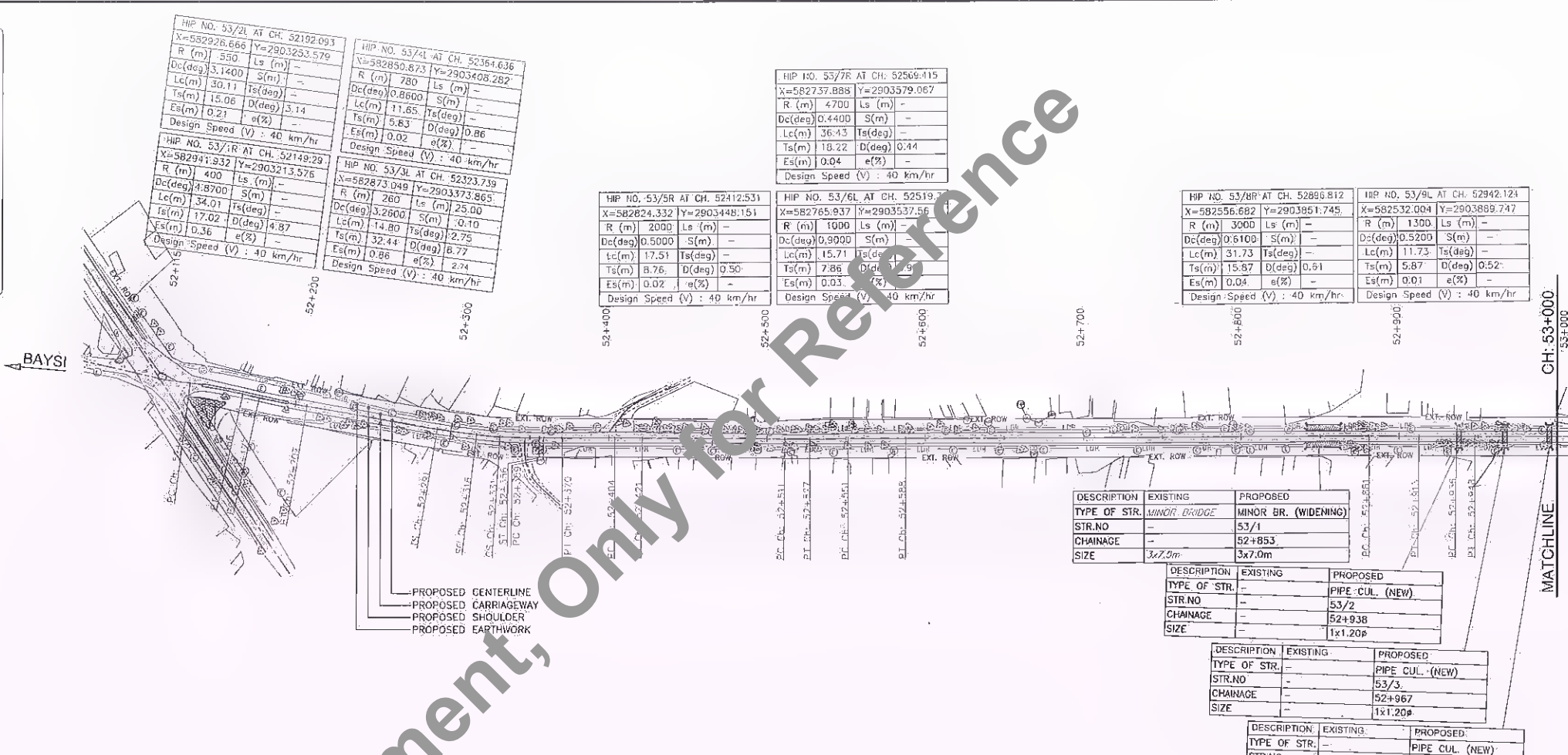
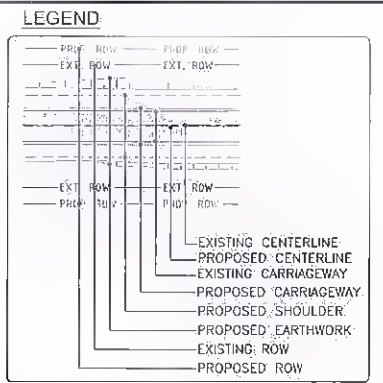


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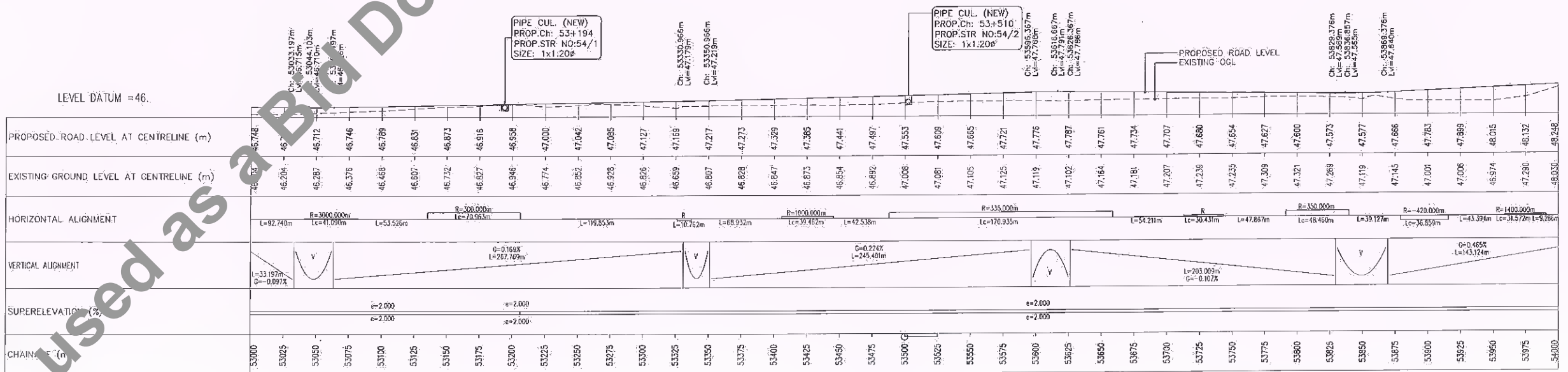
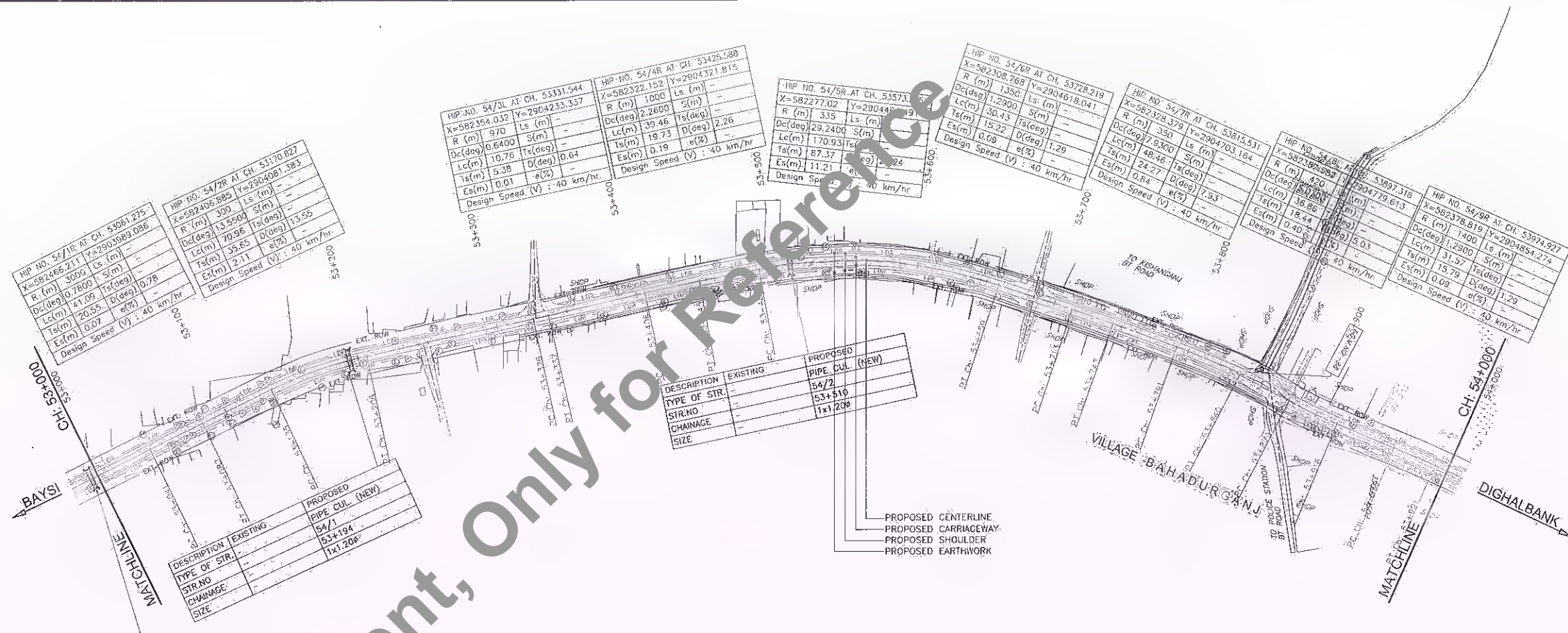
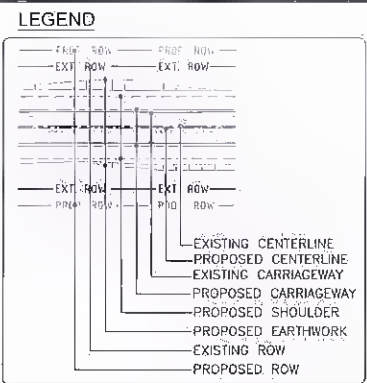
<p>CLIENT: Bihar State Road Development Corporation Limited (BSRDCL) (A Government of Bihar Undertaking) Manager (Tech.) BSRDCL PIU-Katihar</p>	<p>PROJECT: Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar Baysi - Bahadurganj - Dighalbank (SH-99) D. G. M. (Tech.) BSRDCL PIU-Katihar</p>	<p>CONSULTANTS: SAI Consulting Engineers Pvt. Ltd. An ISO 9001 Certified Company Block-A "SAI House", Sanyam Corporate Square, Bih Rajpath Club, Bodokay, Ahmedabad-380059 Gujarat, India Phone : +91-79-4615200/200 Fax : +91-79-46151800 Email : mail@saiconsulting.com</p>	PF 31/07/18 GOOD FOR CONSTRUCTION (REVISED DPR) PE 17/12/18 GOOD FOR CONSTRUCTION (DPR) PD 31/03/17 GOOD FOR CONSTRUCTION (DPR) PC 10/04/14 GOOD FOR CONSTRUCTION (DPR) PB 26/02/14 ISSUED WITH FINAL DPR PA 13/11/13 ISSUED WITH DDPR	DRAWN BY : R.K. CHECKED BY : A.S. APPROVED BY : J.D. ISSUED BY : B.S.	TITLE : RAUTA-MAHADEV DIGHI CHOWK (PACKAGE III) ALIGNMENT PLAN & PROFILE KM. 45+000 TO KM. 45+405
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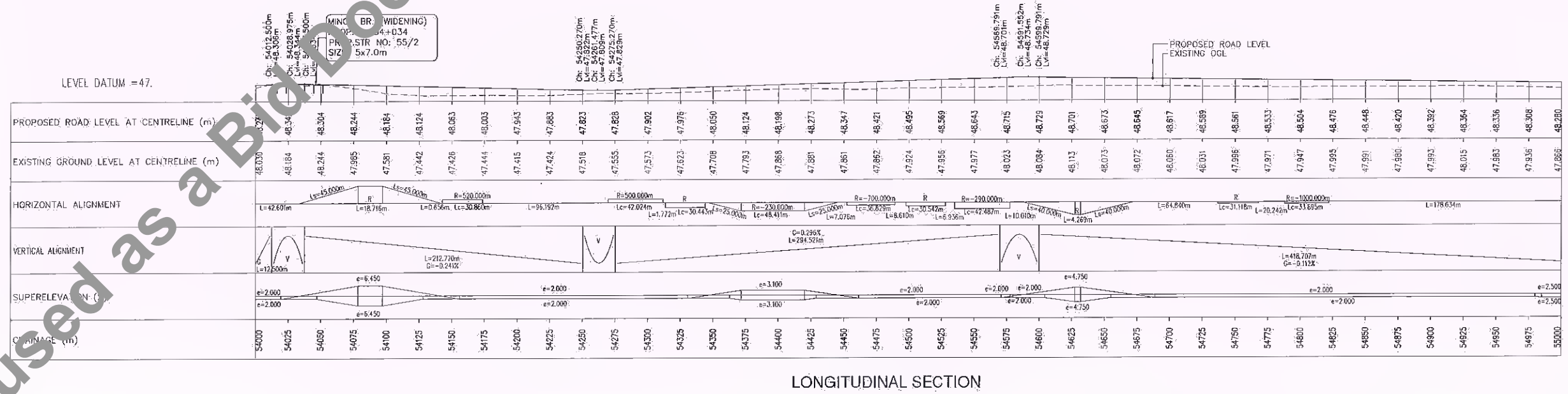
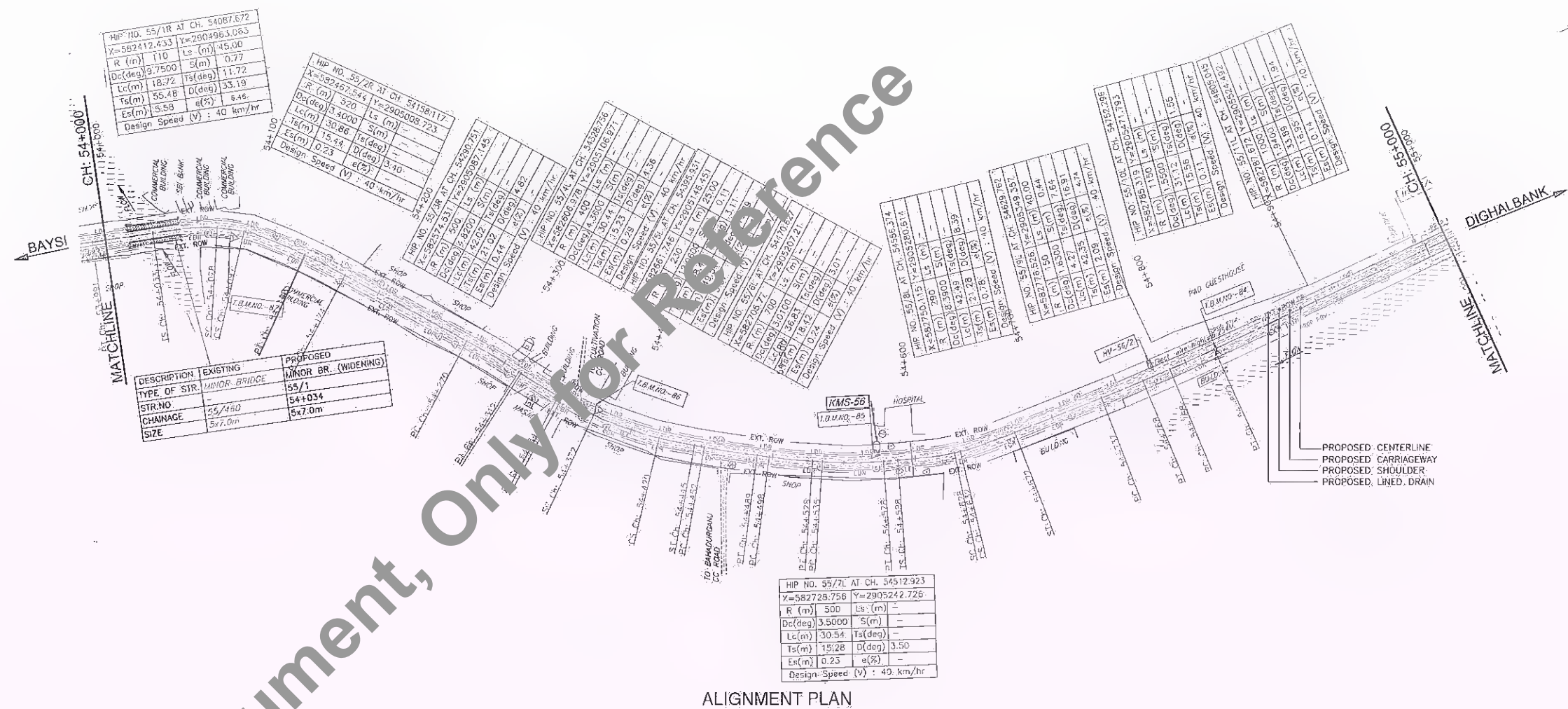
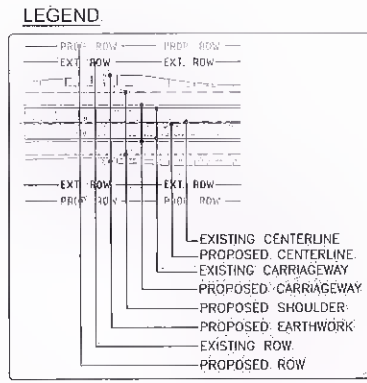
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<p>Bihar State Road Development Corporation Limited (BSRDCL) (A Government of Bihar Undertaking) Manager (Tech.) BSRDCL PIU-Katihar</p>	<p>PROJECT: Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar <i>Baysi - Bahadurganj - Dighalbank (SH-99)</i> D. G. M. (Tech.) BSRDCL PIU-Katihar</p>	<p>CONSULTANTS: SAI Consulting Engineers Pvt. Ltd. An ISO 9001 Certified Company Block-A "Al House" Satyam Corporate Square, Bm. Rajpath Club Road, New Delhi-110028, India Phone : +91-11-6642560/700, Fax : +91-11-6612400 Email : mail@saimindia.com</p>	<p>PF 31/07/19 GOOD FOR CONSTRUCTION (REVISED DPR)</p> <p>PE 17/12/18 GOOD FOR CONSTRUCTION (DPR)</p> <p>PD 31/03/17 GOOD FOR CONSTRUCTION (DPR)</p> <p>PC 10/04/14 GOOD FOR CONSTRUCTION (DPR)</p> <p>PB 26/02/14 ISSUED WITH FINAL DPPP</p> <p>PA 13/11/13 ISSUED WITH DPPP</p>	<p>DRAWN BY : R.K.</p> <p>CHECKED BY : A.S.</p> <p>APPROVED BY : J.D.</p> <p>ISSUED BY : B.S.</p>	<p>TITLE : LRP-CHOWK (BAHADURGANJ) - DIGHALBANK (PACKAGE-III) ALIGNMENT PLAN & PROFILE KM. 52+115 TO KM. 53+000</p>
			<p>REV. DATE DESCRIPTION SIGN</p> <p>HORIZONTAL - 1: 2500 SCALE: 1: 250 VERTICAL - 1: 250</p>	<p>DRG. NO.: SAI-213007/DPR/C/HPP - 53</p> <p>REVISION: PF</p>	



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<p>Bihar State Road Development Corporation Limited (BSRDCL) (A Government of Bihar Undertaking)</p> <p>Manager (Tech.) BSRDCL PIU-Katihar</p>	<p>PROJECT:</p> <p>Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar Baysi - Bahadurganj - Dighalbank (SH-99)</p> <p>D. G. M. (Tech.) BSRDCL PIU-Katihar</p>	<p>CONSULTANTS:</p> <p>SAI Consulting Engineers Pvt. Ltd. An ISO 9001 Certified Company</p> <p>SAI SYSTRA GROUP</p> <p>Block-A "SAI House", Sanyam Corporate Square, B/n Rajpath 11th, Bada Bazar, Ahmedabad-380059, Gujarat, India Phone : +91-79-65142000/709, Fax : +91-79-65141800 Email : mail@saimed.com</p>	<p>REV. DATE DESCRIPTION SIGN ISSUED BY : B.S.</p> <p>31/07/19 GOOD FOR CONSTRUCTION (REVISED DPR) R.K.</p> <p>17/12/18 GOOD FOR CONSTRUCTION (DPR) R.K.</p> <p>31/03/17 GOOD FOR CONSTRUCTION (DPR) A.S.</p> <p>10/04/14 GOOD FOR CONSTRUCTION (DPR) A.S.</p> <p>26/02/14 ISSUED WITH FINAL DPR J.D.</p> <p>13/11/13 ISSUED WITH DPR J.D.</p>	<p>TITLE : LRP CHOWK (BAHADURGANJ) - DIGHALBANK (PACKAGE-III) ALIGNMENT PLAN & PROFILE KM. 53+000 TO KM. 54+000</p> <p>DRG. NO. : SAI-213007/DPR/CH/PP - 54</p> <p>REVISION : PF</p>
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CLIENT:

Bihar State Road Development Corporation Limited (BSRDCL)
 (A Government of Bihar Undertaking)
Manager (Tech.)
 BSRDCL
 PIU-Katihar

PROJECT:

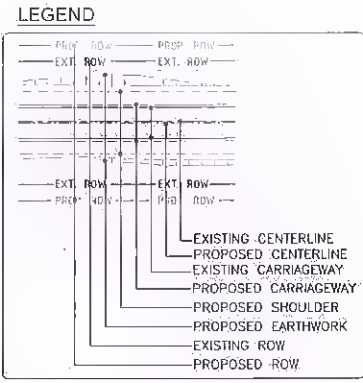
Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar
 Baysi - Bahadurganj - Dighalbank (SH-99)
D. G. M. (Tech.)
 BSRDCL
 PIU-Katihar

CONSULTANTS:

SAI Consulting Engineers Pvt. Ltd.
 An ISO 9001 Certified Company
 Block-A "SAI House", Saiyam Corporate Square, Bih Rajpatti
 (Opp. Baidodev Ahmedabad-380059 Bujraji, India)
 Phone : +91-79-6616607/710, Fax : +91-79-6616190
 Email : mail@saiindia.co

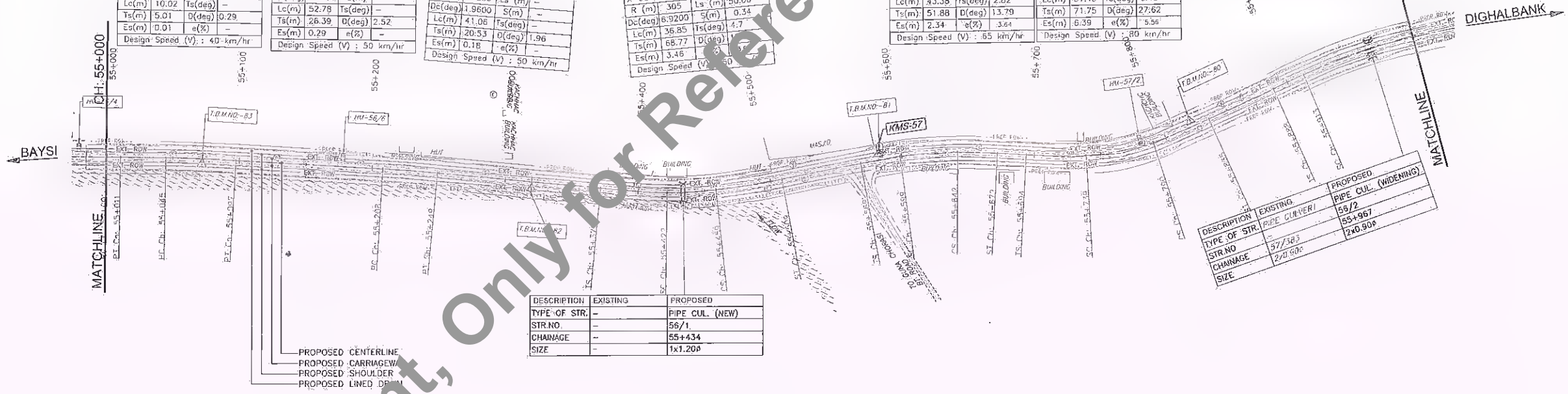
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PE	17/12/18	GOOD FOR CONSTRUCTION (DPR)	CHECKED BY : A.S.	ALIGNMENT PLAN & PROFILE
PD	31/03/17	GOOD FOR CONSTRUCTION (DPR)	APPROVED BY : J.D.	KM. 54+000 TO KM. 55+000
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 HORIZONTAL : 1 : 2500
 VERTICAL : 1 : 250



HIP NO. 56/1R AT CH. 55005.638 X=582789.826 Y=2905725.075 R (m) 2000 Ls (m) - Dc(deg) 0.2900 S(m) - Lc(m) 10.02 Ts(deg) - Ts(m) 5.01 D(deg) 0.29 Es(m) 0.01 e(%) - Design Speed (V): 40 km/hr	HIP NO. 56/2R AT CH. 55071.103 X=582790.857 Y=2905790.536 R (m) 1200 Ls (m) - Dc(deg) 2.5200 S(m) - Lc(m) 52.78 Ts(deg) - Ts(m) 26.39 D(deg) 2.52 Es(m) 0.29 e(%) - Design Speed (V): 50 km/hr	HIP NO. 56/3R AT CH. 55226.387 X=582800.246 Y=2905947.546 R (m) 1200 Ls (m) - Dc(deg) 1.9600 S(m) - Lc(m) 41.06 Ts(deg) - Ts(m) 20.53 D(deg) 1.96 Es(m) 0.18 e(%) - Design Speed (V): 50 km/hr	HIP NO. 56/4L AT CH. 55440.209 X=582820.147 Y=2906158.773 R (m) 305 Ls (m) 50.00 Dc(deg) 6.9200 S(m) 0.34 Lc(m) 36.85 Ts(deg) 4.7 Ts(m) 68.77 D(deg) 4.7 Es(m) 3.46 e(%) - Design Speed (V): 50 km/hr	HIP NO. 56/5R AT CH. 55620.621 X=582785.827 Y=2906336.433 R (m) 305 Ls (m) 30.00 Dc(deg) 8.1500 S(m) 0.12 Lc(m) 43.38 Ts(deg) 2.82 Ts(m) 51.88 D(deg) 13.79 Es(m) 2.34 e(%) 3.64 Design Speed (V): 65 km/hr	HIP NO. 56/6L AT CH. 55764.576 X=582793.051 Y=2906481.449 R (m) 200 Ls (m) 45.00 Dc(deg) 14.7300 S(m) 0.42 Lc(m) 51.40 Ts(deg) 6.45 Ts(m) 71.75 D(deg) 27.62 Es(m) 6.39 e(%) 5.96 Design Speed (V): 80 km/hr
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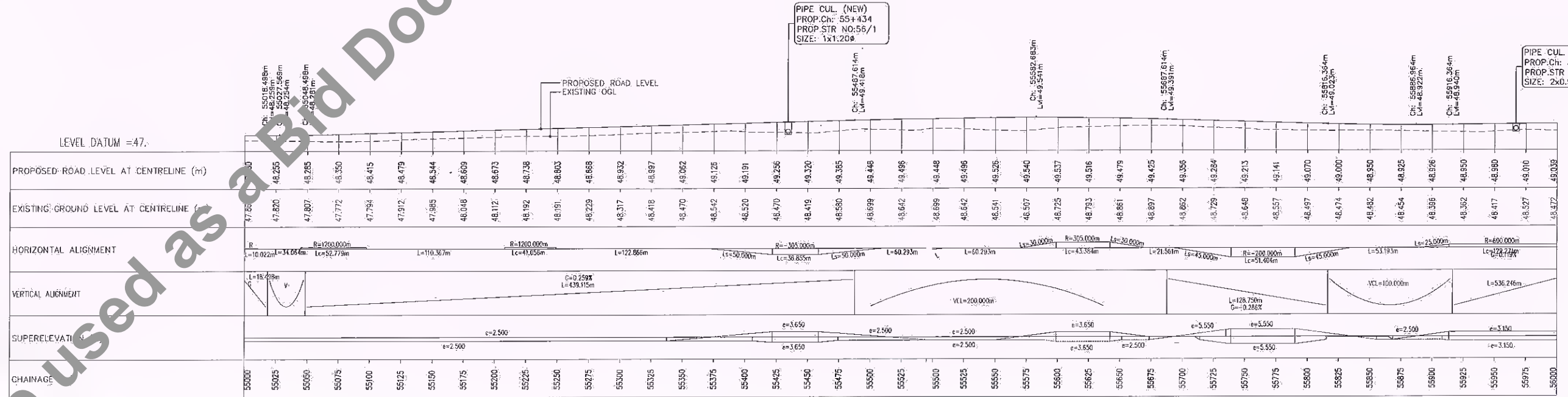
HIP NO. 56/7R AT CH. 55976.108 X=582702.08 Y=2905576.685 R (m) 600 Ls (m) 25.00 Dc(deg) 12.3400 S(m) 0.04 Lc(m) 728.27 Ts(deg) 14.73 Ts(m) 90.07 D(deg) 3.13 Es(m) 5.03 e(%) - Design Speed (V): 65 km/hr
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DESCRIPTION	EXISTING	PROPOSED
TYPE OF STR.	-	PIPE CUL. (NEW)
STR. NO.	-	56/1
CHAINAGE	-	55+434
SIZE	-	1x1.20m

DESCRIPTION	EXISTING	PROPOSED
TYPE OF STR.	PIPE CULVERT	PIPE CUL. (WIDENING)
STR. NO.	57/303	55+967
CHAINAGE	2+0.905	2+0.905
SIZE	-	2x0.90m

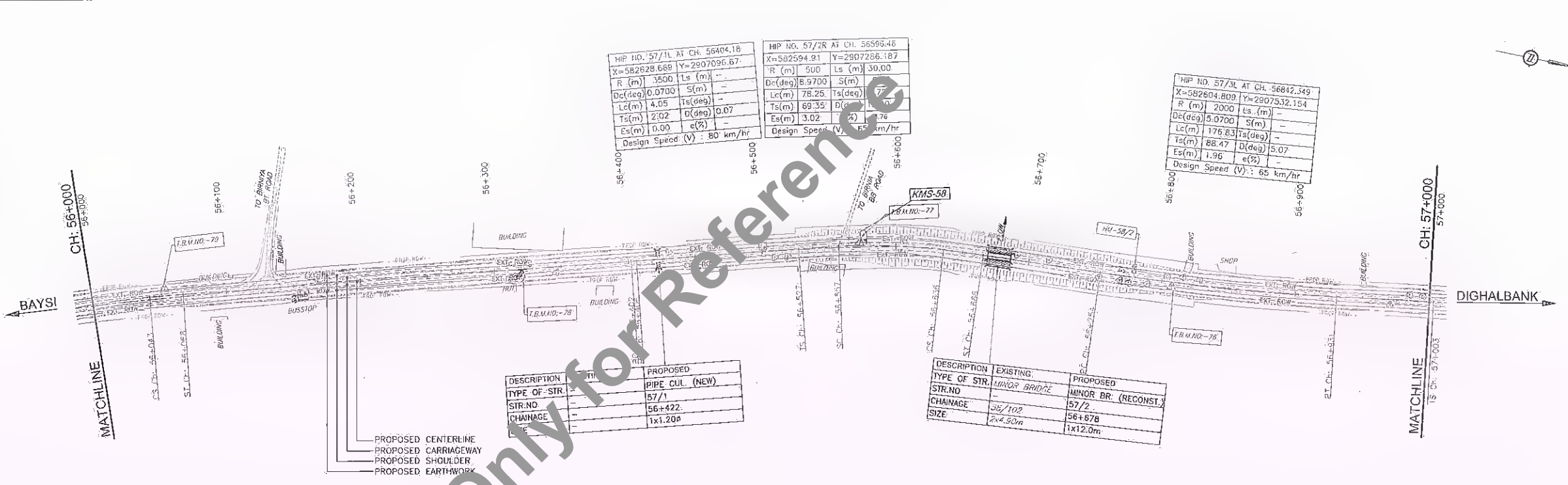
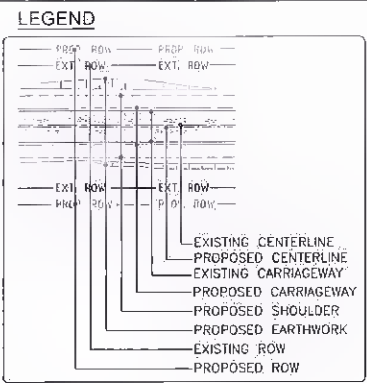
ALIGNMENT PLAN



LONGITUDINAL SECTION

DATE: 2021/07/12 11:09am PATH: C:\Users\lsc\AppData\Local\Temp\Publish_S268\101 PP Km: 52.115 to Km: 73.815.dwg

<p>CLIENT: Bihar State Road Development Corporation Limited (BSRDCL) (A Government of Bihar Undertaking) Manager (Tech.) BSRDCL PIU-Katihar</p>	<p>PROJECT: Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar Baysi - Bahadurganj - Dighalbank (SH-99) D. G. M. (Tech.) BSRDCL PIU-Katihar</p>	<p>CONSULTANTS: SAI Consulting Engineers Pvt. Ltd. An ISO 9001 Certified Company Block-A 'SAI House', Sanyam Corporate Square, B/H Rajpath Club, Bodoland, Ahmedabad-380059, Gujarat, India Phone: +91-79-8632800/730, Fax: +91-79-6614380 Email: mgl@saiindia.com</p>	<p>REV. DATE DESCRIPTION SIGN ISSUED BY</p> <table border="1"> <tr> <td>1</td> <td>31/07/19</td> <td>GOOD FOR CONSTRUCTION (REVISED DPR)</td> <td></td> <td>R.K.</td> </tr> <tr> <td>2</td> <td>17/12/18</td> <td>GOOD FOR CONSTRUCTION (DPR)</td> <td></td> <td>R.K.</td> </tr> <tr> <td>3</td> <td>31/03/17</td> <td>GOOD FOR CONSTRUCTION (DPR)</td> <td></td> <td>A.S.</td> </tr> <tr> <td>4</td> <td>10/04/14</td> <td>GOOD FOR CONSTRUCTION (DPR)</td> <td></td> <td>A.S.</td> </tr> <tr> <td>5</td> <td>26/02/14</td> <td>ISSUED WITH FINAL DPR</td> <td></td> <td>J.D.</td> </tr> <tr> <td>6</td> <td>13/11/13</td> <td>ISSUED WITH DPR</td> <td></td> <td>B.S.</td> </tr> </table>	1	31/07/19	GOOD FOR CONSTRUCTION (REVISED DPR)		R.K.	2	17/12/18	GOOD FOR CONSTRUCTION (DPR)		R.K.	3	31/03/17	GOOD FOR CONSTRUCTION (DPR)		A.S.	4	10/04/14	GOOD FOR CONSTRUCTION (DPR)		A.S.	5	26/02/14	ISSUED WITH FINAL DPR		J.D.	6	13/11/13	ISSUED WITH DPR		B.S.	<p>TITLE: LRP CHOWK (BAHADURGANJ) - DIGHALBANK (PACKAGE-III) ALIGNMENT PLAN & PROFILE KM. 55+000 TO KM. 56+000 DRG. NO.: SAI-213007/DPR/C/HPP - 55 REVISION: PF</p>
			1	31/07/19	GOOD FOR CONSTRUCTION (REVISED DPR)		R.K.																											
2	17/12/18	GOOD FOR CONSTRUCTION (DPR)		R.K.																														
3	31/03/17	GOOD FOR CONSTRUCTION (DPR)		A.S.																														
4	10/04/14	GOOD FOR CONSTRUCTION (DPR)		A.S.																														
5	26/02/14	ISSUED WITH FINAL DPR		J.D.																														
6	13/11/13	ISSUED WITH DPR		B.S.																														
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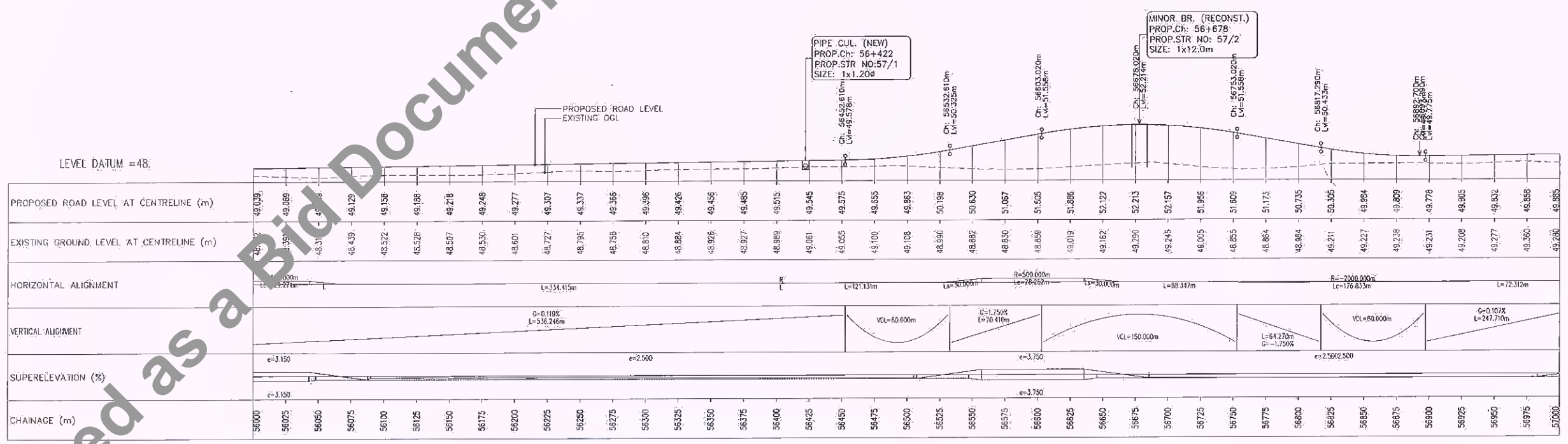
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X=582628.689	Y=2907096.67	X=582594.91	Y=2907286.187
R (m) 3500	Ls (m) -	R (m) 500	Ls (m) 30.00
Dc(deg) 0.0700	S(m) -	Dc(deg) 8.9700	S(m) -
Lc(m) 4.05	Ts(deg) -	Lc(m) 78.25	Ts(deg) -
Ts(m) 2.02	D(deg) 0.07	Ts(m) 69.35	D(deg) -
Es(m) 0.00	e(%) -	Es(m) 3.02	e(%) 1.76
Design Speed (V) : 80 km/hr		Design Speed (V) : 65 km/hr	

HIP NO. 57/3L AT CH. 56842.349	
X=582604.809	Y=2907532.154
R (m) 2000	Ls (m) -
Dc(deg) 5.0700	S(m) -
Lc(m) 176.83	Ts(deg) -
Ts(m) 88.47	D(deg) 5.07
Es(m) 1.96	e(%) -
Design Speed (V) : 65 km/hr	

DESCRIPTION	EXISTING	PROPOSED
TYPE OF STR.	-	PIPE CUL. (NEW)
STR. NO.	-	57/1
CHAINAGE	-	56+422
SIZE	-	1x1.20m

DESCRIPTION	EXISTING	PROPOSED
TYPE OF STR.	MINOR BRIDGE	MINOR BR. (RECONST.)
STR. NO.	-	57/2
CHAINAGE	56+102	56+878
SIZE	2x4.50m	1x12.0m

ALIGNMENT PLAN



LONGITUDINAL SECTION

CHAINAGE (m)	PROPOSED ROAD LEVEL AT CENTRELINE (m)	EXISTING GROUND LEVEL AT CENTRELINE (m)
56000	48.029	48.317
56025	48.069	48.317
56050	48.129	48.317
56075	48.158	48.317
56100	48.188	48.317
56125	48.215	48.317
56150	48.248	48.317
56175	48.277	48.317
56200	48.307	48.317
56225	48.337	48.317
56250	48.366	48.317
56275	48.396	48.317
56300	48.426	48.317
56325	48.456	48.317
56350	48.485	48.317
56375	48.515	48.317
56400	48.545	48.317
56425	48.575	48.317
56450	48.605	48.317
56475	48.635	48.317
56500	48.665	48.317
56525	48.695	48.317
56550	48.725	48.317
56575	48.755	48.317
56600	48.785	48.317
56625	48.815	48.317
56650	48.845	48.317
56675	48.875	48.317
56700	48.905	48.317
56725	48.935	48.317
56750	48.965	48.317
56775	48.995	48.317
56800	49.025	48.317
56825	49.055	48.317
56850	49.085	48.317
56875	49.115	48.317
56900	49.145	48.317
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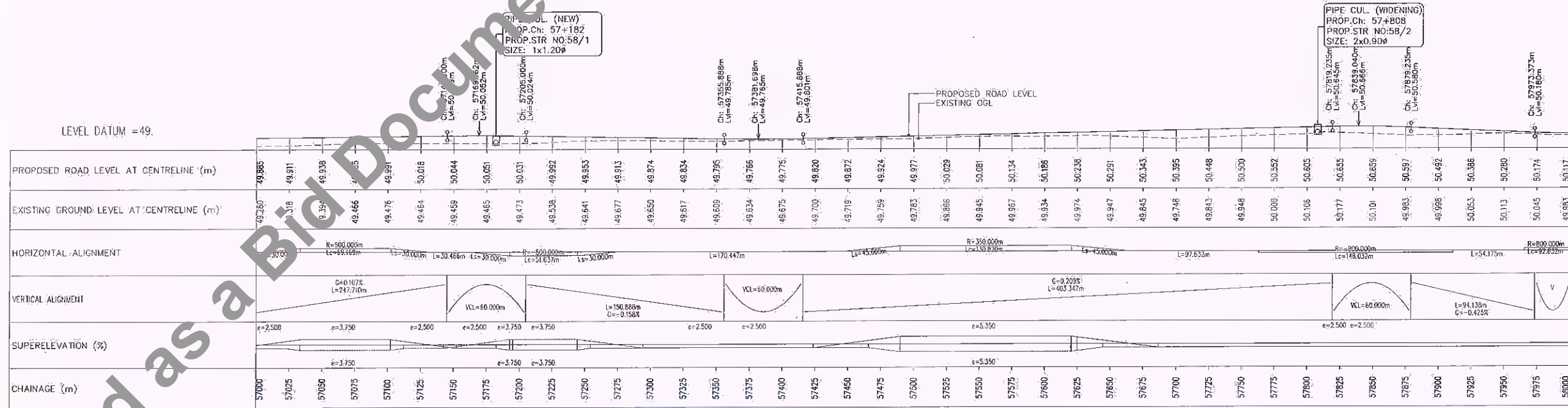
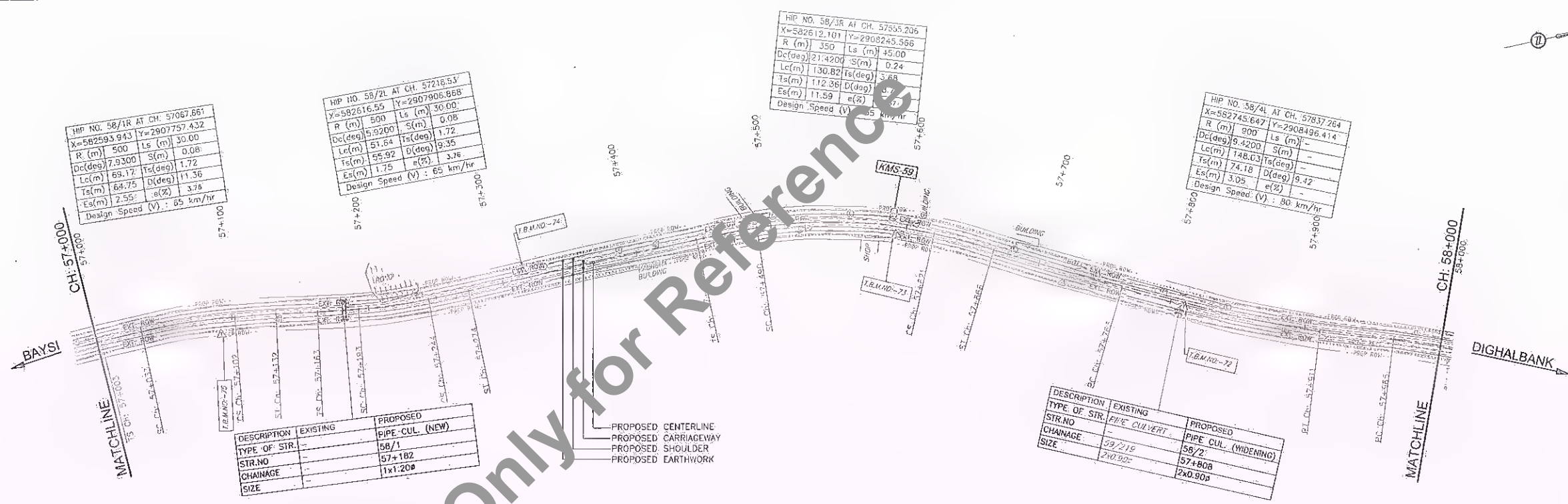
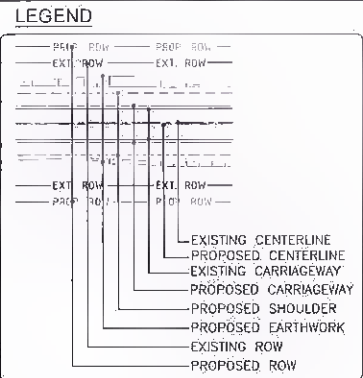
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Manager (Tech.)
BSRDCL
PIU-Katihar

D. G. M. (Tech.)
BSRDCL
PIU-Katihar

<p>Bihar State Road Development Corporation Limited (BSRDCL) (A Government of Bihar Undertaking)</p>	<p>PROJECT: Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar <i>Baysi - Bahadurganj - Dighalbank (SH-99)</i></p>	<p>CONSULTANTS: SAI Consulting Engineers Pvt. Ltd. An ISO 9001 Certified Company</p>	<p>PF 31/07/19 GOOD FOR CONSTRUCTION (REVISED DPR)</p>	<p>DRAWN BY : R.K.</p>	<p>TITLE: LRP CHOWK (BAHADURGANJ) - DIGHALBANK (PACKAGE-III) ALIGNMENT PLAN & PROFILE KM. 56+000 TO KM. 57+000</p>
			<p>PE 17/12/18 GOOD FOR CONSTRUCTION (DPR)</p>	<p>CHECKED BY : A.S.</p>	
		<p>PD 31/03/17 GOOD FOR CONSTRUCTION (DPR)</p>	<p>APPROVED BY : J.D.</p>	<p>DRG. NO.: SAI-213007/DPR/CI/PP-57</p>	
		<p>PC 10/04/14 GOOD FOR CONSTRUCTION (DPR)</p>	<p>ISSUED BY : B.S.</p>		
		<p>PP 26/02/14 ISSUED WITH FINAL DPR</p>	<p>REVISION: PF</p>		
		<p>PA 13/11/13 ISSUED WITH DPR</p>	<p>SCALE: HORIZONTAL - 1: 2500 VERTICAL - 1: 250</p>		





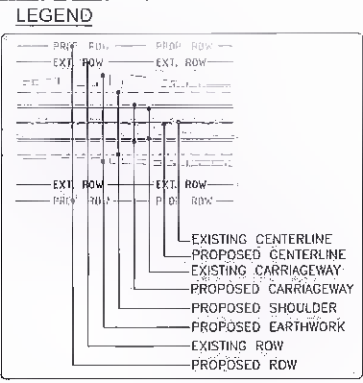
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Manager (Tech.)
 BSRDCL
 PIU-Katihar

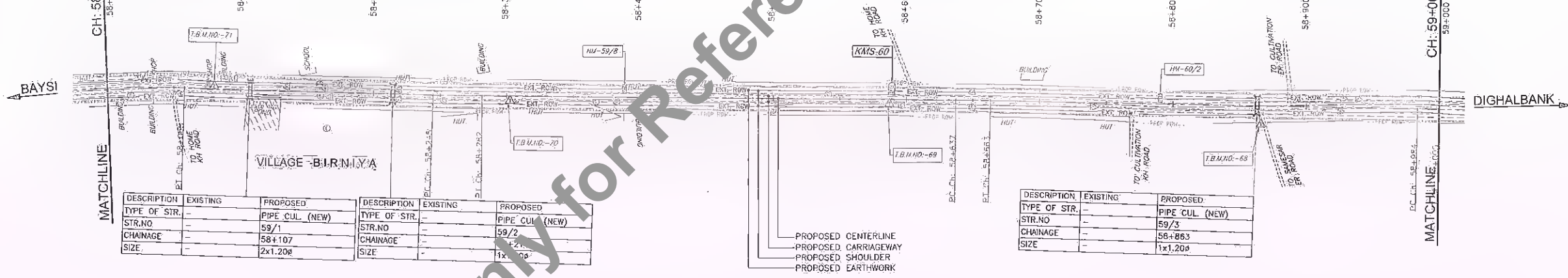
D. G. M. (Tech.)
 BSRDCL
 PIU-Katihar



<p>Bihar State Road Development Corporation Limited (BSRDCL) (A Government of Bihar Undertaking)</p>	<p>PROJECT: Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar <i>Baysi - Bahadurganj - Dighalbank (SH-99)</i></p>	<p>CONSULTANTS: SAL Consulting Engineers. Pvt. Ltd. An ISO 9001 Certified Company</p>	<p>PF 31/07/19 GOOD FOR CONSTRUCTION (REVISED DPR)</p>	<p>DRAWN BY : R.K.</p>	<p>TITLE: LRP CHOWK (BAHADURGANJ) - DIGHALBANK (PACKAGE-III) ALIGNMENT PLAN & PROFILE KM. 57+000 TO KM. 58+000</p>
			<p>PE 17/12/18 GOOD FOR CONSTRUCTION (DPR)</p>	<p>CHECKED BY : A.S.</p>	
<p>CLIENT: Bihar State Road Development Corporation Limited (BSRDCL) (A Government of Bihar Undertaking)</p>			<p>PD 31/03/17 GOOD FOR CONSTRUCTION (DPR)</p>	<p>APPROVED BY : J.D.</p>	<p>DRG. NO.: SAI-213007/DP/PC/HPP - 58</p>
<p>PROJECT: Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar <i>Baysi - Bahadurganj - Dighalbank (SH-99)</i></p>			<p>PC 10/04/14 GOOD FOR CONSTRUCTION (DPR)</p>	<p>ISSUED BY : J.S.</p>	
<p>PROJECT: Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar <i>Baysi - Bahadurganj - Dighalbank (SH-99)</i></p>			<p>PA 26/02/14 ISSUED WITH FINAL DPR</p>	<p>SCALE: HORIZONTAL - 1:2500 VERTICAL - 1:250</p>	<p>REVISION: PF</p>



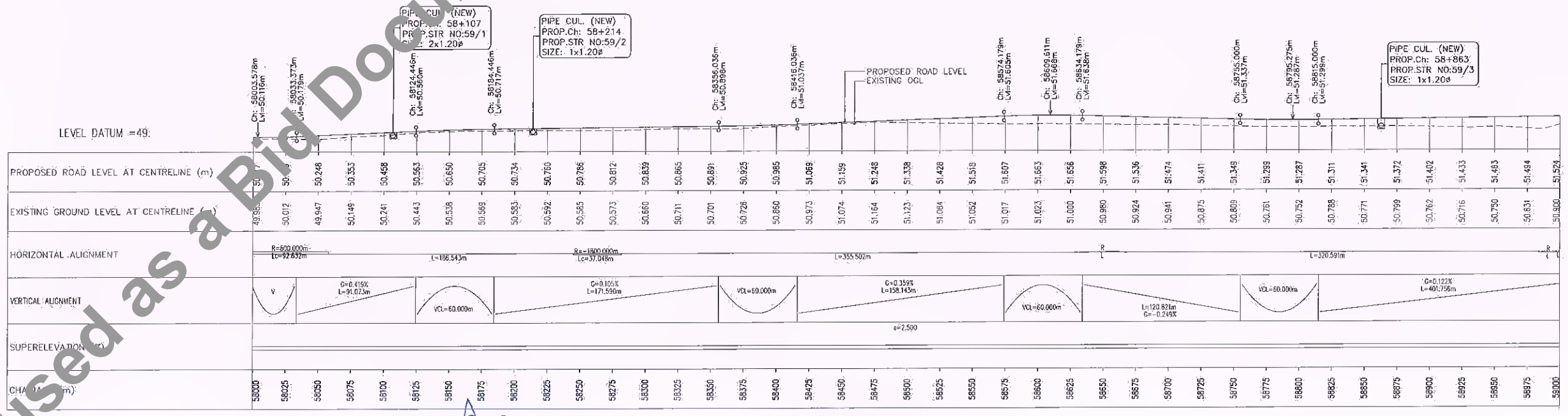
HIP NO. 59/1R AT CH. 58011.771 X=582801.393 Y=2908662.008 R (m) 800 Ls (m) - Dc(deg) 6.6300 S(m) - Lc(m) 92.63 Ts(deg) - Tc(m) 46.37 D(deg) 6.63 Es(m) 1.34 e(%) - Design Speed (V) : 100 km/hr	HIP NO. 59/2L AT CH. 58263.154 X=582908.608 Y=2908889.439 R (m) 1800 Ls (m) - Dc(deg) 1.1800 S(m) - Lc(m) 37.05 Ts(deg) - Tc(m) 18.52 D(deg) 1.18 Es(m) 0.10 e(%) - Design Speed (V) : 100 km/hr	HIP NO. 59/3R AT CH. 58850.162 X=583066.393 Y=2909242.823 R (m) 2800 Ls (m) - Dc(deg) 0.5300 S(m) - Lc(m) 25.96 Ts(deg) - Tc(m) 12.98 D(deg) 0.53 Es(m) 0.03 e(%) - Design Speed (V) : 80 km/hr	HIP NO. 59/4L AT CH. 58991.633 X=583208.497 Y=2909553.321 R (m) 2000 Ls (m) - Dc(deg) 0.4500 S(m) - Lc(m) 15.80 Ts(deg) - Tc(m) 7.90 D(deg) 0.45 Es(m) 0.02 e(%) - Design Speed (V) : 80 km/hr
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DESCRIPTION	EXISTING	PROPOSED	DESCRIPTION	EXISTING	PROPOSED
TYPE OF STR.	-	PIPE CUL (NEW)	TYPE OF STR.	-	PIPE CUL (NEW)
STR.NO	-	59/1	STR.NO	-	59/2
CHAINAGE	-	58+107	CHAINAGE	-	58+214
SIZE	-	2x1.20#	SIZE	-	1x1.20#

DESCRIPTION	EXISTING	PROPOSED
TYPE OF STR.	-	PIPE CUL (NEW)
STR.NO	-	59/3
CHAINAGE	-	58+863
SIZE	-	1x1.20#

ALIGNMENT PLAN



LONGITUDINAL SECTION

Manoj (Tech.)
BSRDCL
PIU-Katihar

D. G. M. (Tech.)
BSRDCL
PIU-Katihar



CLIENT:
 Bihar State Road Development Corporation Limited (BSRDCL)
 (A Government of Bihar Undertaking)

PROJECT:
 Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar
 Baysi - Bahadurganj - Dighalbank (SH-99)

CONSULTANTS:
 SAI Consulting Engineers Pvt. Ltd.
 An ISO 9001 Certified Company
 Block-A "SAI House", Sakyam, Corporate Square, 8th Rajpath, New Delhi, India
 Phone : 91-11-4513691/303/Fax : 91-11-46162800
 Email : info@saiindia.com

REV. DATE DESCRIPTION SIGN ISSUED BY : B.S.

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PE	17/12/18	GOOD FOR CONSTRUCTION (DPR)	CHECKED BY : A.S.
PD	31/03/17	GOOD FOR CONSTRUCTION (DPR)	APPROVED BY : J.D.
PC	19/04/14	GOOD FOR CONSTRUCTION (DPR)	
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PA	13/11/13	ISSUED WITH DPR	

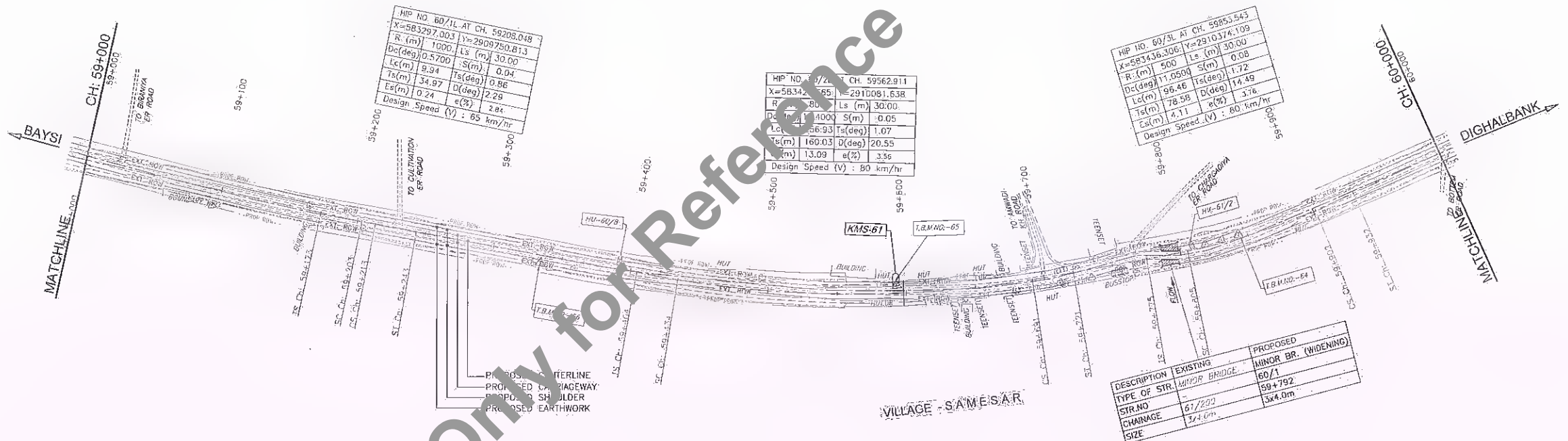
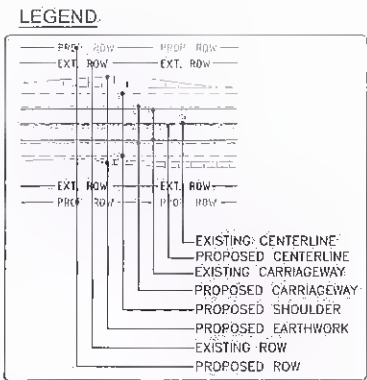
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 VERTICAL : 1 : 250

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 ALIGNMENT PLAN & PROFILE
 KM. 58+000 TO KM. 59+000

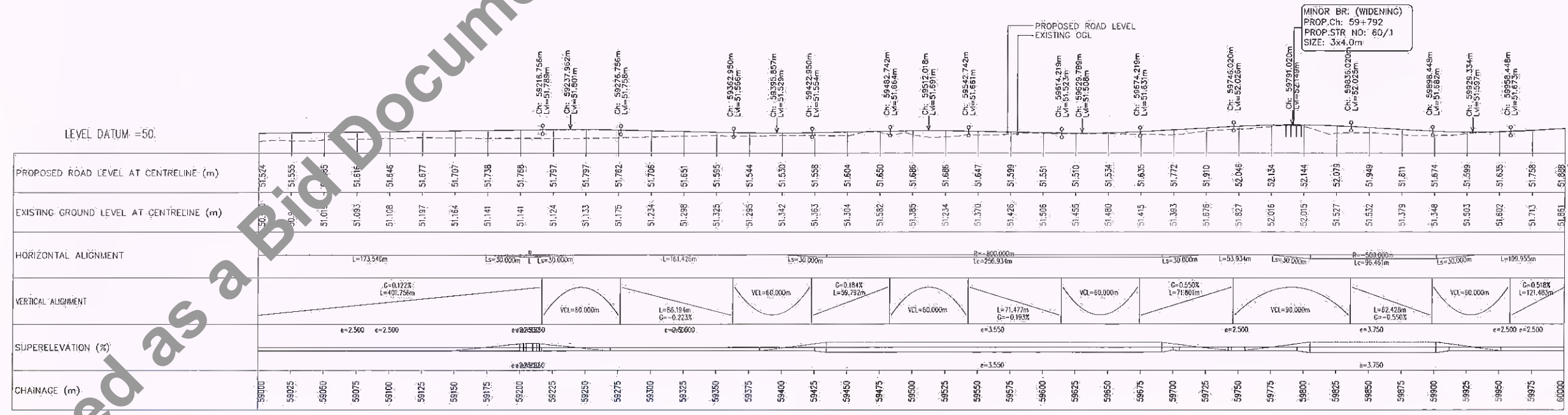
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REVISION : PF

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ALIGNMENT PLAN



LONGITUDINAL SECTION

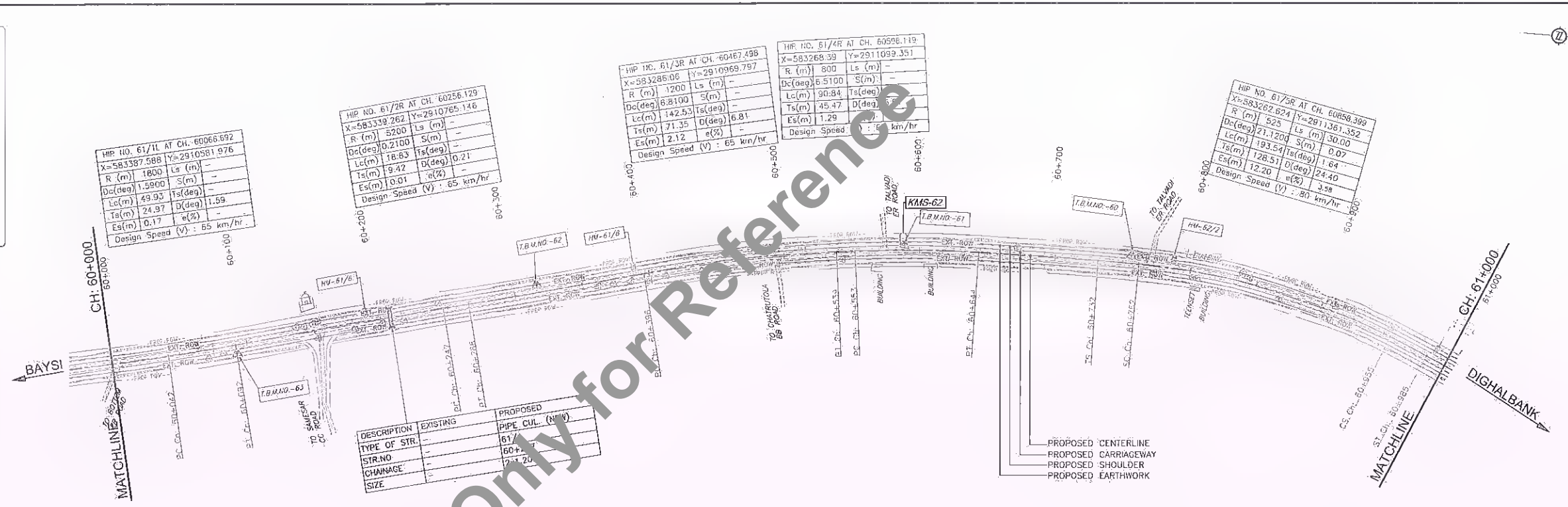
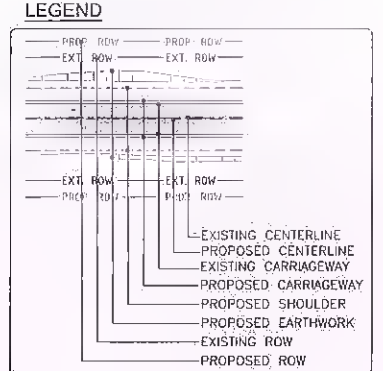
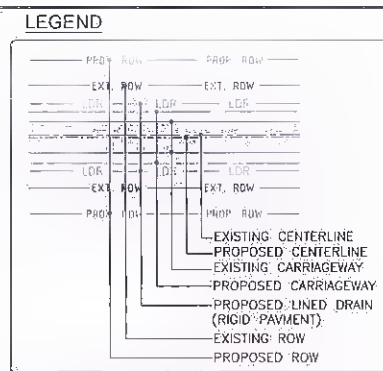
Manager (Tech.)
BSRDCL
PIU-Katihar

D. G. M. (Tech.)
BSRDCL
PIU-Katihar



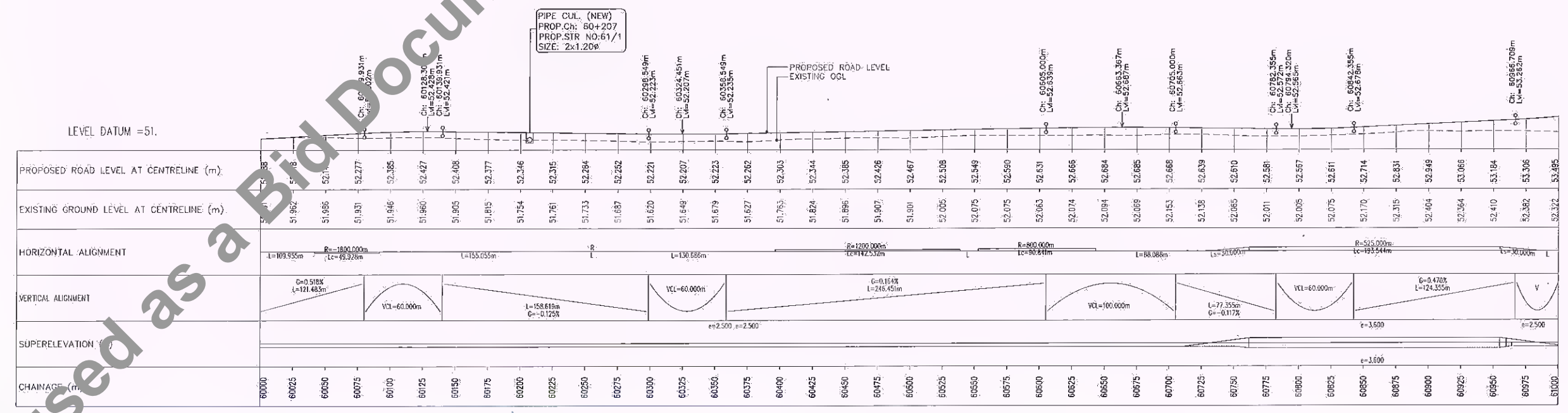
CLIENT: Bihar State Road Development Corporation Limited (BSRDCL) (A Government of Bihar Undertaking)	PROJECT: Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar Baysi - Bahadurganj - Dighalbank (SH-99)	CONSULTANTS: SAI Consulting Engineers Pvt. Ltd. An ISO 9001 Certified Company Block-A 'SAI House' Sanyal Corporate Square, B/14 Rajpath Dab, Badli, New Delhi-110028, India Phone: +91-11-66126000/786 Fax: +91-11-4442400 Email: mail@saiconsulting.com	PF: 31/07/19: GOOD FOR CONSTRUCTION (REVISED) DPR PE: 17/12/16: GOOD FOR CONSTRUCTION (DPR) PD: 31/03/17: GOOD FOR CONSTRUCTION (DPR) PC: 10/04/14: GOOD FOR CONSTRUCTION (DPR) PB: 26/02/14: ISSUED WITH FINAL DPR PA: 12/11/13: ISSUED WITH DPR	DRAWN BY : R.K. CHECKED BY : A.S. APPROVED BY : J.D. ISSUED BY : B.S.	TITLE: LRP CHOWK (BAHADURGANJ) DIGHALBANK (PACKAGE-III) ALIGNMENT PLAN & PROFILE KM. 59+000 TO KM. 60+000						
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DESCRIPTION	EXISTING	PROPOSED
TYPE OF STR.	-	61
STR. NO.	-	60+207
CHAMMAGE	-	2x1.20
SIZE	-	-

ALIGNMENT PLAN



LONGITUDINAL SECTION

DATE: 2021/07/12
PATH: C:\Users\st... \temp\publish_52681\01 PP Km. 52+15 to Km. 73+815.dwg

Manager (Tech.)
BSRDCL
D. G. M. (Tech.)
BSRDCL
PIU-Katihar

CLIENT:
Bihar State Road Development Corporation Limited (BSRDCL)
(A Government of Bihar Undertaking)

PROJECT:
Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar
Baysi - Bahadurganj - Dighalbank (SH-99)

CONSULTANTS:
SAI Consulting Engineers. Pvt. Ltd.
An ISO 9001 Certified Company

REVISIONS:

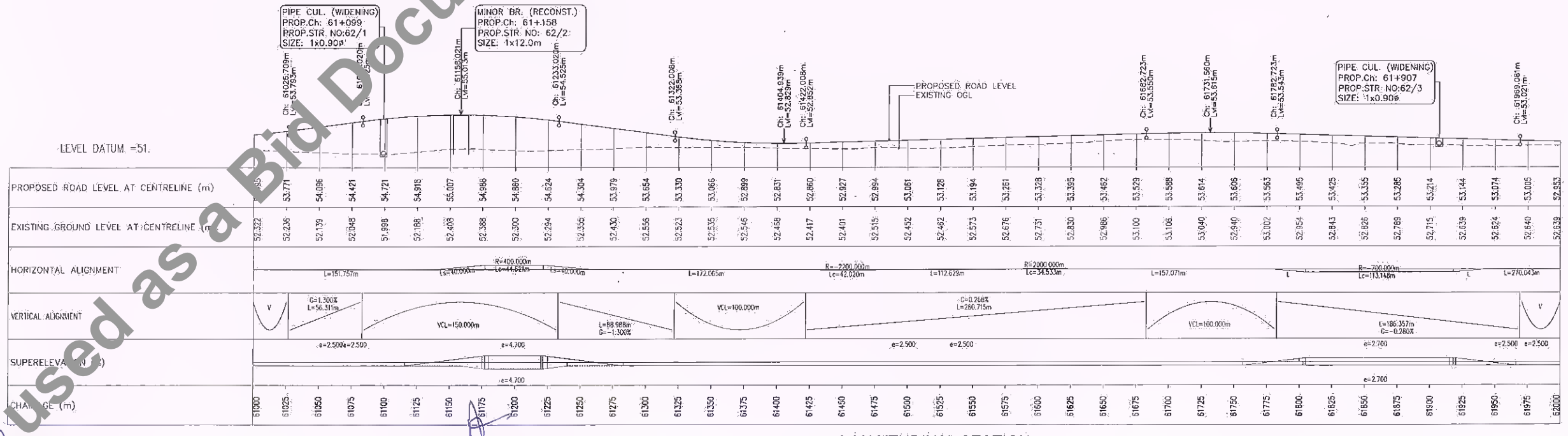
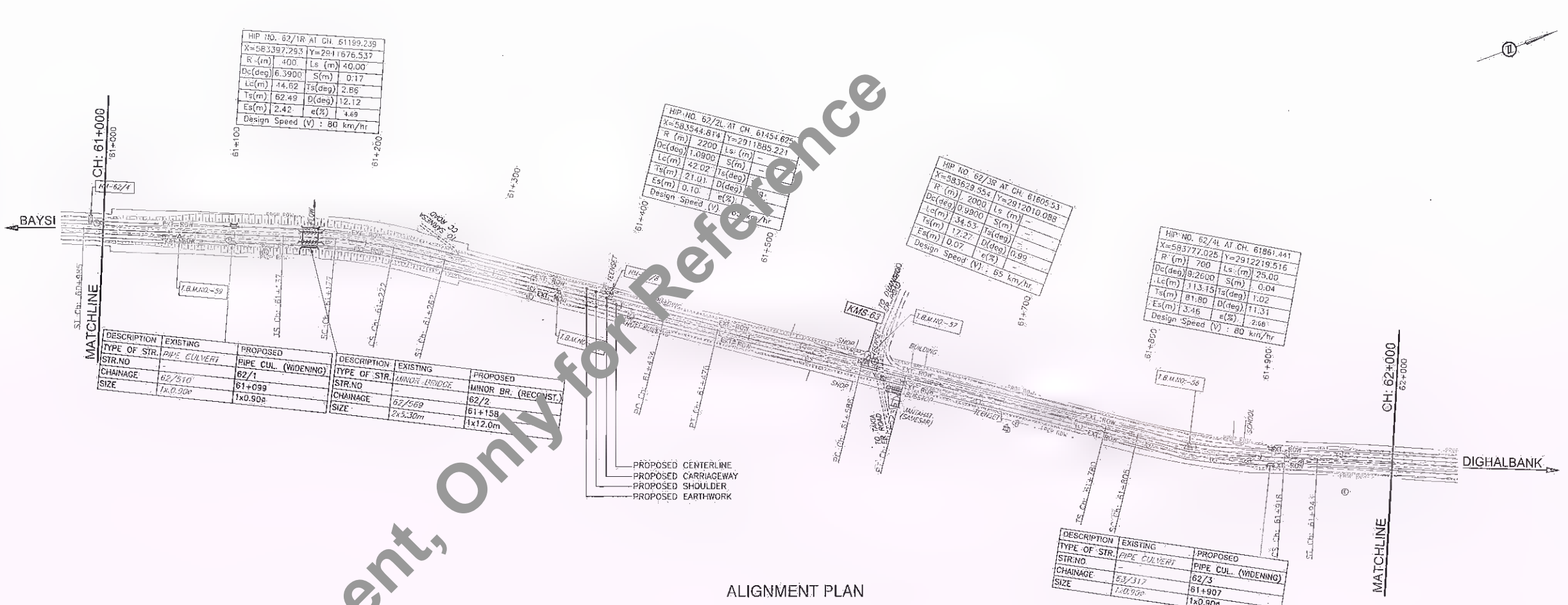
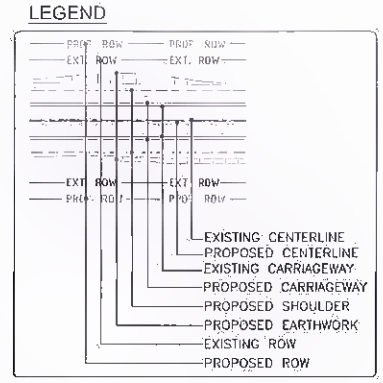
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PD	31/03/17	GOOD FOR CONSTRUCTION (DPR)			
PC	10/04/14	GOOD FOR CONSTRUCTION (DPR)			
PA	26/02/14	ISSUED WITH FINAL DPR			
PB	13/11/13	ISSUED WITH DPR			

TITLE: LRP CHOWK (BAHADURGANJ) - DIGHALBANK (PACKAGE-II)
ALIGNMENT PLAN & PROFILE
KM. 60+000 TO KM. 81+000

DRG. NO.: SAI-213007/DPR/CI/H/PP - 61

REVISION: PF





DATE: 2021/07/12 09:40am
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Manager (Tech.)
BSRDCL
PIU-Katihar

D. G. M. (Tech.)
BSRDCL
PIU-Katihar

Bihar State Road Development Corporation Limited (BSRDCL)
 (A Government of Bihar Undertaking)

PROJECT:
 Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar
 Baysi - Bahadurganj - Dighalbank (SH-99)

CONSULTANTS:
SAI Consulting Engineers Pvt. Ltd.
 An ISO 9001 Certified Company

Block-A "SAI House", Saiyan Corporate Square, 8th Rajpath, Lib, Bodkher, Ahmedabad-380059, Gujarat, India
 Phone: +91-79-4614080/710, Fax: +91-79-6643900
 Email: mail@saiindia.com

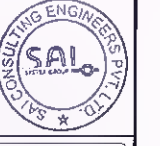
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PG	31/03/17	GOOD FOR CONSTRUCTION (DPR)			
PD	10/04/14	GOOD FOR CONSTRUCTION (DPR)			
PA	26/02/14	ISSUED WITH FINAL DPR			
PA	13/11/13	ISSUED WITH DDPR			

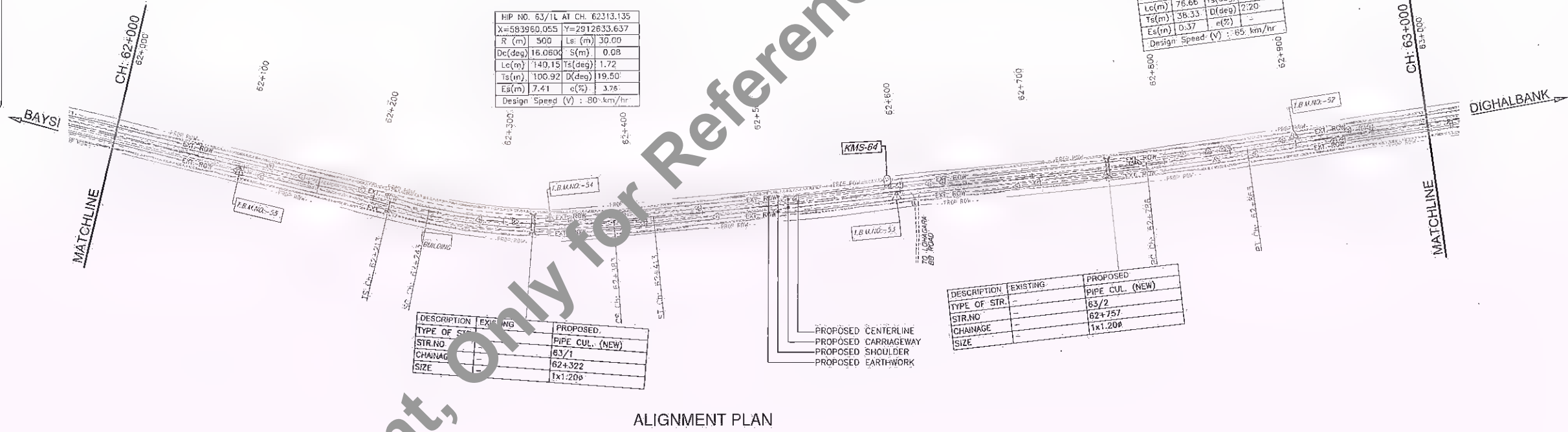
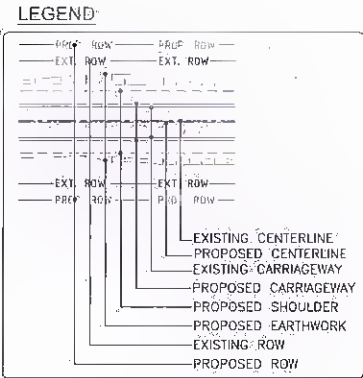
DRAWN BY : R.K.
 CHECKED BY : A.S.
 APPROVED BY : J.D.

TITLE : LRP CHOWK (BAHADURGANJ) - DIGHALBANK (PACKAGE III)
ALIGNMENT PLAN & PROFILE
 KM. 61+000 TO KM. 62+000

DRG. NO. :
 SAI-213007/DPR/C/H/PP - 62

REVISION : PF





HIP NO. 63/1L AT CH. 62313.135

X=583960.055	Y=2912633.637
R (m) 500	Ls (m) 30.00
Dc(deg) 16.0604	S(m) 0.08
Lc(m) 140.15	Ts(deg) 1.72
Ts(m) 100.92	D(deg) 19.50
Es(m) 7.41	e(%) 3.76
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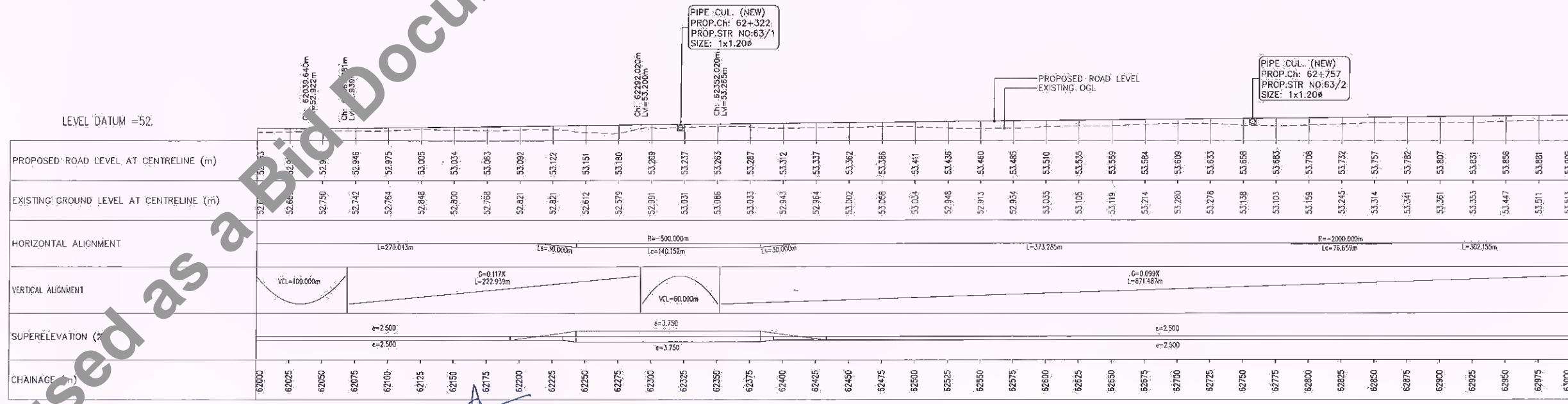
HIP NO. 63/2L AT CH. 62824.826

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Dc(deg) 2.2000	S(m) -
Lc(m) 76.66	Ts(deg) -
Ts(m) 38.33	D(deg) 2.20
Es(m) 0.37	e(%) -
Design Speed (V) : 65 km/hr	

DESCRIPTION	EXISTING	PROPOSED
TYPE OF STR.	-	PIPE CUL. (NEW)
STR. NO.	-	63/1
CHAINAGE	-	624-322
SIZE	-	1x1.20#

DESCRIPTION	EXISTING	PROPOSED
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STR. NO.	-	63/2
CHAINAGE	-	624-757
SIZE	-	1x1.20#

ALIGNMENT PLAN

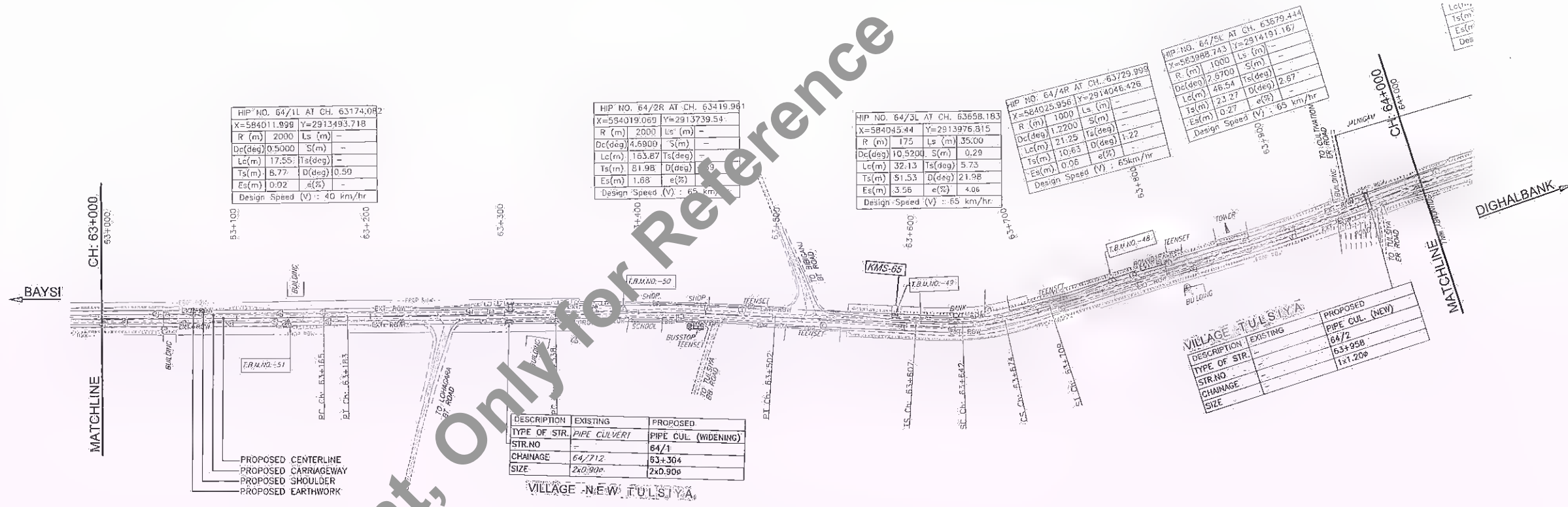
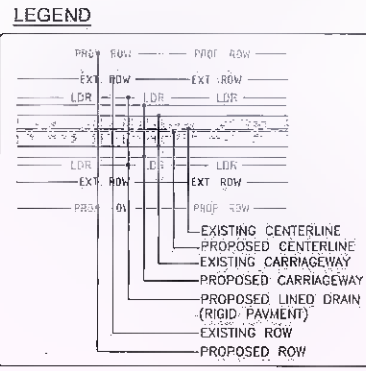
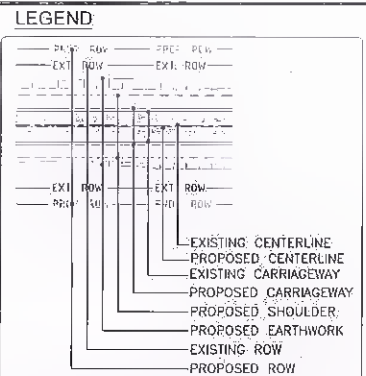


LONGITUDINAL SECTION

D. G. M. (Tech.)
BSRDCL
PIU-Katihar

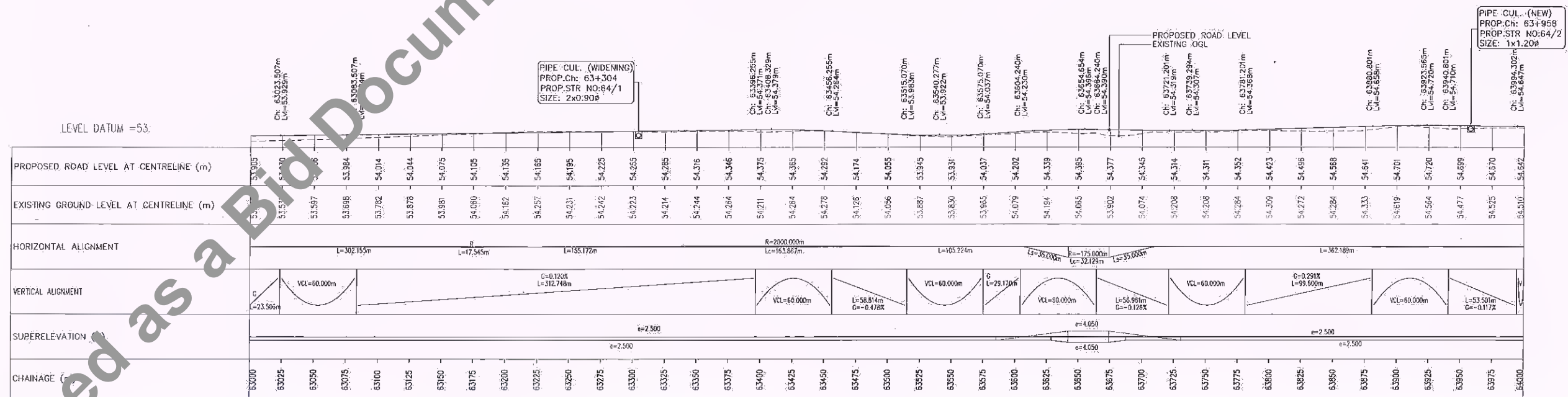
Manager (Tech.)
BSRDCL
PIU-Katihar

<p>Bihar State Road Development Corporation Limited (BSRDCL) (A Government of Bihar Undertaking)</p>	<p>PROJECT: Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar <i>Baysi - Bahadurganj - Dighalbank (SH-99)</i></p>	<p>CONSULTANTS: SAI Consulting Engineers Pvt. Ltd. An ISO 9001 Certified Company Bhakt-A, "SAI House", Saiyam Corporate Square, Bf, Rajpath, Lko, Badaakh, Ahmedabad - 380059, Gujrat, India Phone : +91-79-65126007/08 Fax : +91-79-6642000 Email : info@saiindia.com</p>	<table border="1"> <tr> <td>REV.</td> <td>DATE</td> <td>DESCRIPTION</td> <td>SIGN</td> <td>ISSUED BY</td> </tr> <tr> <td>PF</td> <td>31/07/16</td> <td>GOOD FOR CONSTRUCTION (REVISED DPR)</td> <td></td> <td></td> </tr> <tr> <td>PE</td> <td>12/12/16</td> <td>GOOD FOR CONSTRUCTION (DPR)</td> <td></td> <td></td> </tr> <tr> <td>PD</td> <td>31/03/17</td> <td>GOOD FOR CONSTRUCTION (DPR)</td> <td></td> <td></td> </tr> <tr> <td>PC</td> <td>10/04/14</td> <td>GOOD FOR CONSTRUCTION (DPR)</td> <td></td> <td></td> </tr> <tr> <td>PB</td> <td>26/02/14</td> <td>ISSUED WITH FINAL DPR</td> <td></td> <td></td> </tr> <tr> <td>PA</td> <td>13/11/13</td> <td>ISSUED WITH DPR</td> <td></td> <td></td> </tr> </table>	REV.	DATE	DESCRIPTION	SIGN	ISSUED BY	PF	31/07/16	GOOD FOR CONSTRUCTION (REVISED DPR)			PE	12/12/16	GOOD FOR CONSTRUCTION (DPR)			PD	31/03/17	GOOD FOR CONSTRUCTION (DPR)			PC	10/04/14	GOOD FOR CONSTRUCTION (DPR)			PB	26/02/14	ISSUED WITH FINAL DPR			PA	13/11/13	ISSUED WITH DPR			<p>TITLE: LRP CHOWK (BAHADURGANJ) DIGHALBANK (PACKAGE-III) ALIGNMENT PLAN & PROFILE KM. 62+000 TO KM. 63+000</p> <p>DRG. NO.: SAI-213007/DPR/CH/PP - 63 REVISION: PF</p>
	REV.	DATE	DESCRIPTION	SIGN	ISSUED BY																																		
PF	31/07/16	GOOD FOR CONSTRUCTION (REVISED DPR)																																					
PE	12/12/16	GOOD FOR CONSTRUCTION (DPR)																																					
PD	31/03/17	GOOD FOR CONSTRUCTION (DPR)																																					
PC	10/04/14	GOOD FOR CONSTRUCTION (DPR)																																					
PB	26/02/14	ISSUED WITH FINAL DPR																																					
PA	13/11/13	ISSUED WITH DPR																																					
<p>DATE: 2021/07/12 10:40pm PA: Th: C:\Users\vsr\AppData\Local\Temp\AcPublish\526B\101 PP Km. 52+115 to Km. 73-815.dwg</p>	<p>SAI CONSULTING ENGINEERS PVT. LTD.</p>			<p>SCALE: HORIZONTAL - 1:2500 VERTICAL - 1:250</p>																																			



DESCRIPTION	EXISTING	PROPOSED
TYPE OF STR.	PIPE CULVERT	PIPE CUL. (WIDENING)
STR.NO	64/1	64/1
CHAINAGE	64+712	63+304
SIZE	2x0.90m	2x0.90m

ALIGNMENT PLAN



LONGITUDINAL SECTION

Manager (Tech.)
BSRDCL
PIU-Katihar

D. G. M. (Tech.)
BSRDCL
PIU-Katihar



Bihar State Road Development Corporation Limited (BSRDCL)
(A Government of Bihar Undertaking)

PROJECT: Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar
Baysi - Bahadurganj - Dighalbank (SH-99)

CONSULTANTS: SAI Consulting Engineers Pvt. Ltd.
An ISO 9001 Certified Company

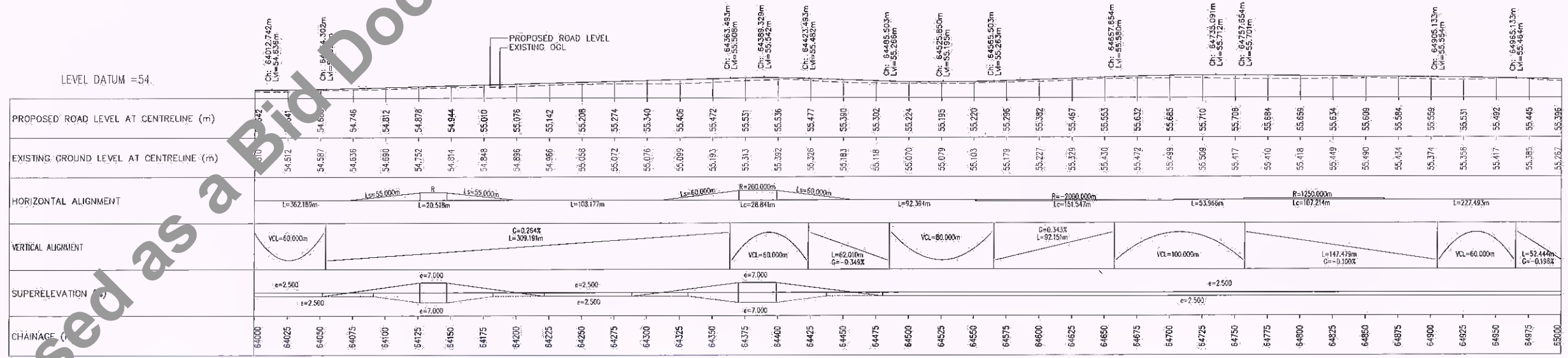
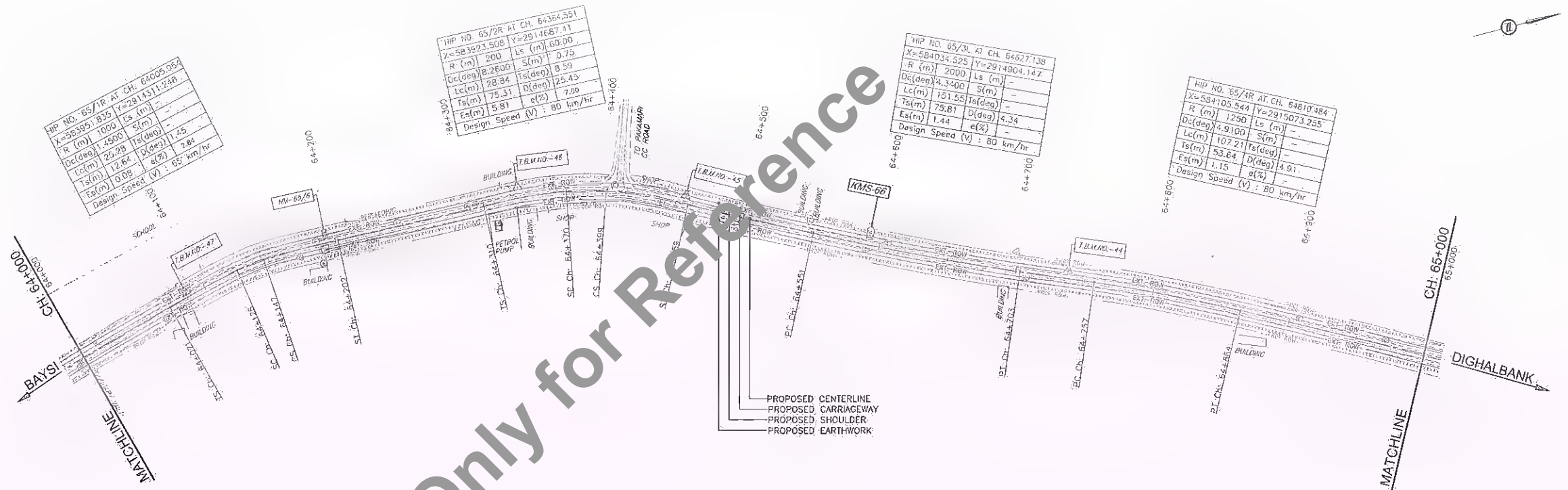
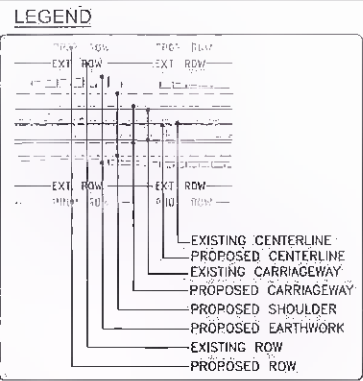
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3	31/03/17	GOOD FOR CONSTRUCTION (DPR)		P.R.K.
4	10/04/14	GOOD FOR CONSTRUCTION (DPR)		P.R.K.
5	26/02/14	ISSUED WITH FINAL DPR		P.R.K.
6	13/11/13	ISSUED WITH DPR		P.R.K.

TITLE: LRP CHOWK (BAHADURGANJ) DIGHALBANK (PACKAGE III)
ALIGNMENT PLAN & PROFILE
KM. 63+000 TO KM. 64+000

DRG. NO.: SAI-213007/DPR/CH/PP - 64

REVISION: PF

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Manager (Tech)
BSRDCL
Dil.Katihar

D. S. (Tech)
BSRDCL
Dil.Katihar



Client: Bihar State Road Development Corporation Limited (BSRDCL) (A Government of Bihar Undertaking)

PROJECT: Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar Baysi - Bahadurganj - Dighalbank (SH-99)

CONSULTANTS: SAI Consulting Engineers Pvt. Ltd. An ISO 9001 Certified Company

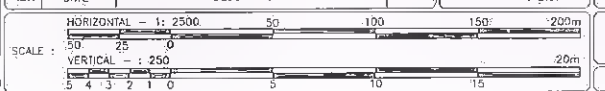
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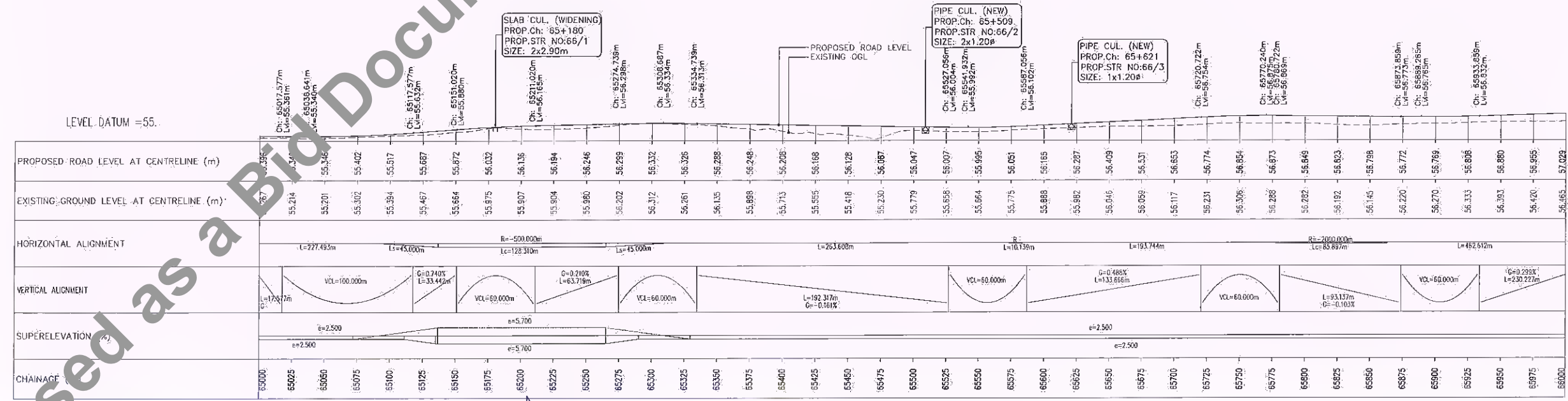
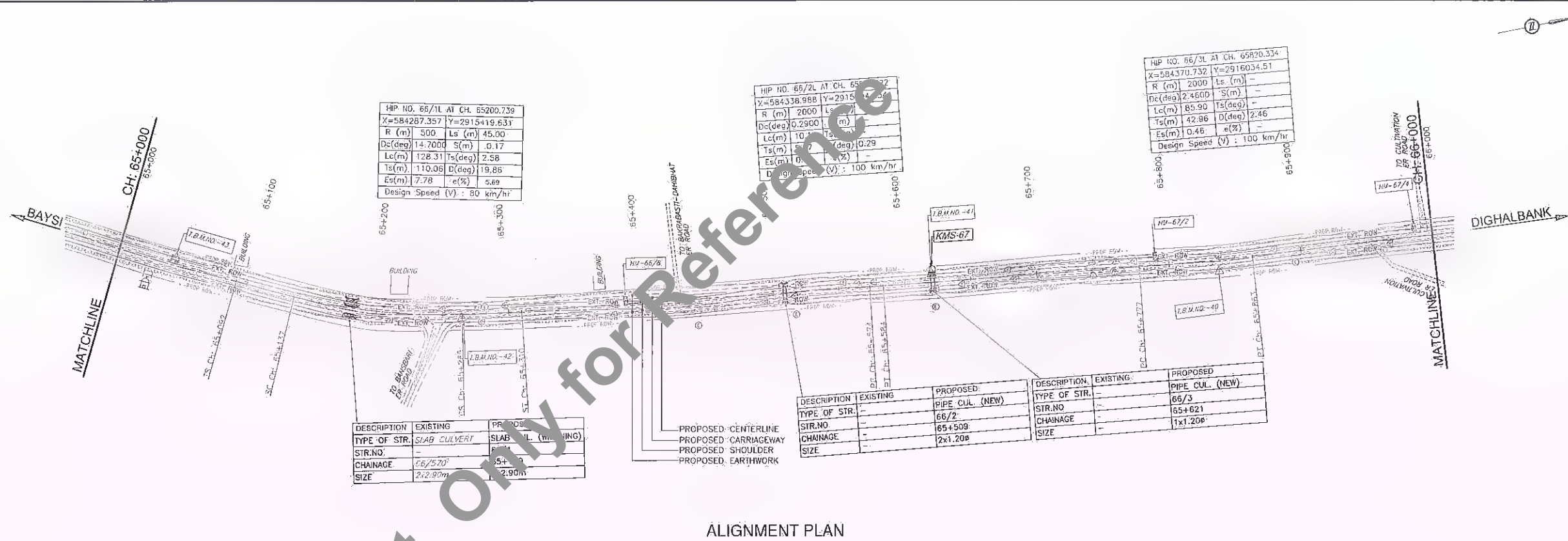
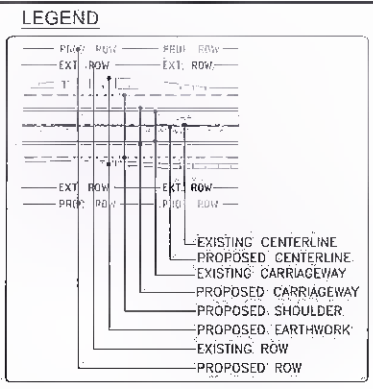
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2	17/12/18	GOOD FOR CONSTRUCTION (DPR)		R.K.
3	31/03/17	GOOD FOR CONSTRUCTION (DPR)		A.S.
4	10/04/14	GOOD FOR CONSTRUCTION (DPR)		J.D.
5	26/02/14	ISSUED WITH FINAL DPR		J.D.
6	13/11/13	ISSUED WITH DPR		B.S.

TITLE: LRP CHOWK (BAHADURGANJ) - DIGHALBANK (PACKAGE-III) ALIGNMENT PLAN & PROFILE KM. 64+000 TO KM. 65+000

DRG. NO.: SAI-213007/DPR/CH/PP-65

REVISION: PF





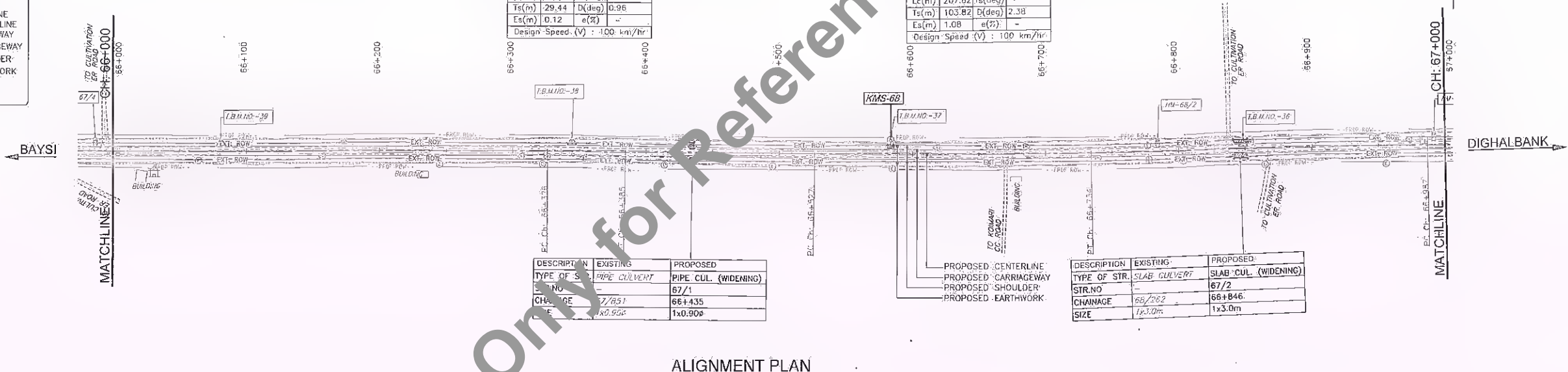
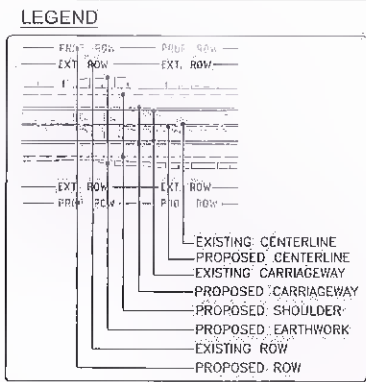
D. G. M. (Tech.)
BSRDCL
PIU-Katihar

Manager (Tech.)
BSRDCL
PIU-Katihar



<p>Client: Bihar State Road Development Corporation Limited (BSRDCL) (A Government of Bihar Undertaking)</p>	<p>PROJECT: Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar Baysi - Bahadurganj - Dighalbank (SH-99)</p>	<p>CONSULTANTS: SAI Consulting Engineers Pvt. Ltd. An ISO 9001 Certified Company Block-A "Sai House", Sahjanu Corporate Square, B/n Rajpath Khad, Bahadurganj, Patna-801009, Bihar, India Phone : 91-755-651360/209/204, 91-91-79-6612609 Email : saic@saiconsulting.com</p>	<p>PF 31/07/18: GOOD FOR CONSTRUCTION (REVISED DPR)</p> <p>PE 17/12/18: GOOD FOR CONSTRUCTION (DPR)</p> <p>PD 31/03/17: GOOD FOR CONSTRUCTION (DPR)</p> <p>PC 19/04/14: GOOD FOR CONSTRUCTION (DPR)</p> <p>PB 26/02/14: ISSUED WITH FINAL DPR</p> <p>PA 13/11/13: ISSUED WITH DPR</p>	<p>DRAWN BY : R.K.</p> <p>CHECKED BY : A.S.</p> <p>APPROVED BY : J.D.</p> <p>ISSUED BY : B.S.</p>	<p>TITLE: LRP CHOWK (BAHADURGANJ) - DIGHALBANK (PACKAGE III) - ALIGNMENT PLAN & PROFILE - KM. 65+000 TO KM. 66+000</p> <p>DRG. NO.: SAI-213007/DPR/IC/H/PP - 66</p> <p>REVISION: PF</p>
			<p>SCALE: HORIZONTAL - 1:2500 VERTICAL - 1:250</p>		

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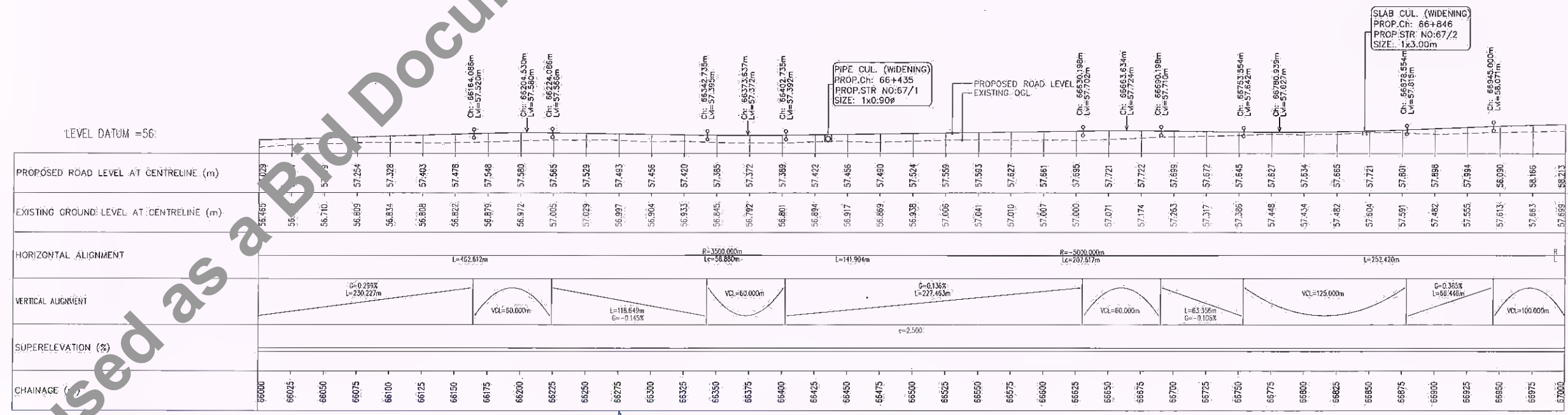


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Dc(deg) 0.9600	S(m) -	Dc(deg) 2.3800	S(m) -
Lc(m) 58.88	Ts(deg) -	Lc(m) 207.62	Ts(deg) -
Ts(m) 29.44	D(deg) 0.96	Ts(m) 103.82	D(deg) 2.38
Es(m) 0.12	e(%) -	Es(m) 1.08	e(%) -
Design Speed (V) : 100 km/hr			

DESCRIPTION	EXISTING	PROPOSED
TYPE OF STR.	PIPE CULVERT	PIPE CUL. (WIDENING)
STR. NO.	-	67/1
CHAINAGE	66+435	66+435
SIZE	1x0.90φ	1x0.90φ

DESCRIPTION	EXISTING	PROPOSED
TYPE OF STR.	SLAB CULVERT	SLAB CUL. (WIDENING)
STR. NO.	-	67/2
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SIZE	1x3.0m	1x3.0m

ALIGNMENT PLAN



LONGITUDINAL SECTION

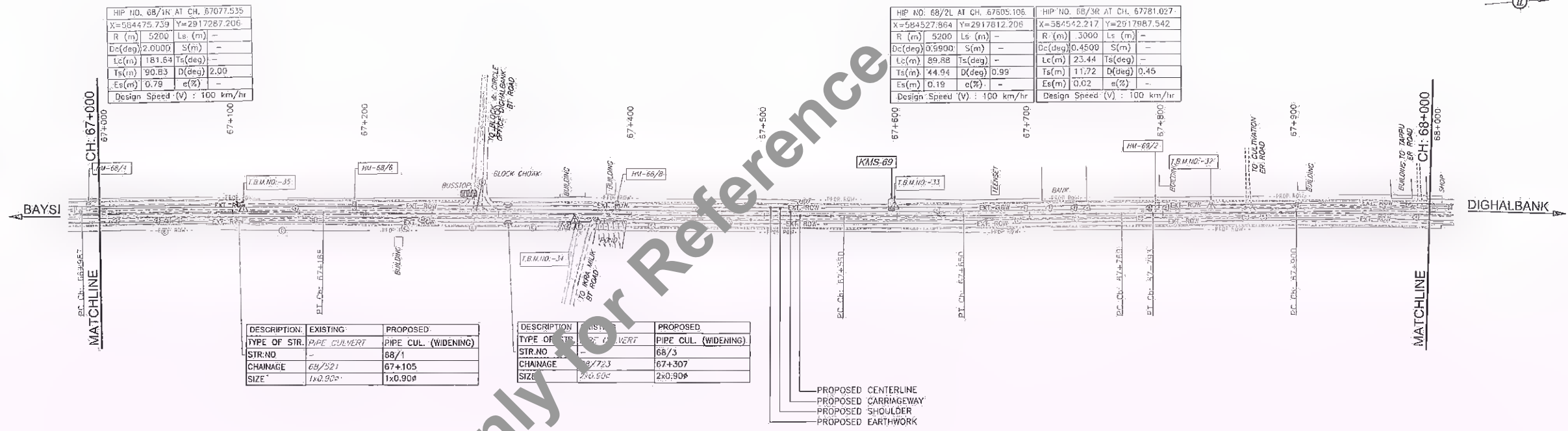
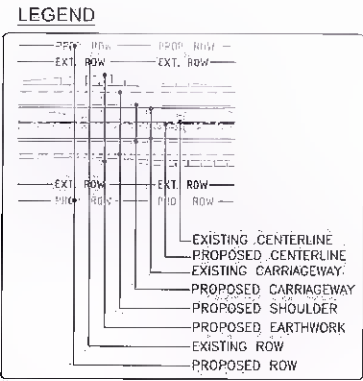
Manager (Tech.)
BSRDCL
Patna-Katihar

D. G. M. (Tech.)
BSRDCL
Patna-Katihar

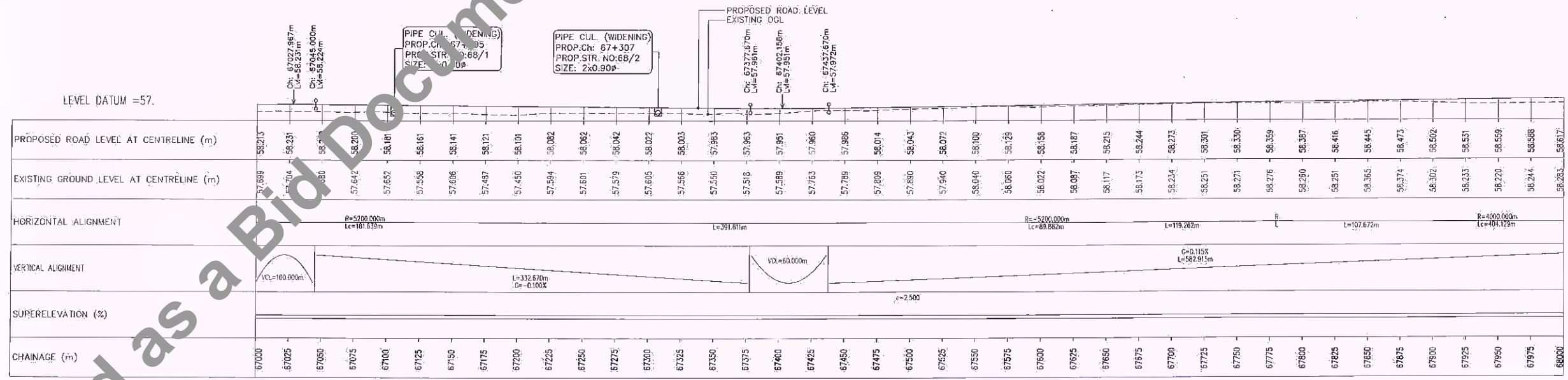


<p>CLIENT: Bihar State Road Development Corporation Limited (BSRDCL) (A Government of Bihar Undertaking)</p>	<p>PROJECT: Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar Baysi - Bahadurganj - Digalbank (SH-99)</p>	<p>CONSULTANTS: SAI Consulting Engineers Pvt. Ltd. An ISO 9001 Certified Company Block-A "SAI House", Sanyam Corporate Square, B/4 Rajpath, Lax, Bhubaneswar, Odisha-751005, Gujarat, India Phone : +91-78-65613097/700, Fax : +91-78-6512800 Email : mail@saiindia.com</p>	<p>PF : 31/07/19 GOOD FOR CONSTRUCTION (REVISED DPR)</p> <p>PD : 17/12/18 GOOD FOR CONSTRUCTION (DPR)</p> <p>PC : 31/03/17 GOOD FOR CONSTRUCTION (DPR)</p> <p>PA : 10/04/14 GOOD FOR CONSTRUCTION (DPR)</p> <p>PA : 26/02/14 ISSUED WITH FINAL DPR</p> <p>PA : 13/11/13 ISSUED WITH DPR</p>	<p>DRAWN BY : R.K.</p> <p>CHECKED BY : A.S.</p> <p>APPROVED BY : J.D.</p> <p>ISSUED BY : B.S.</p>	<p>TITLE : LRP CHOWK (BAHADURGANJ) - DIGALBANK (PACKAGE-III) - ALIGNMENT PLAN & PROFILE KM. 66+000 TO KM. 67+000</p> <p>DRG. NO. : SAI-213007/DPR/CIH/PP - 67</p> <p>REVISION : PF</p>
			<p>SCALE : HORIZONTAL : 1:2500 VERTICAL : 1:250</p>		

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ALIGNMENT PLAN



LONGITUDINAL SECTION

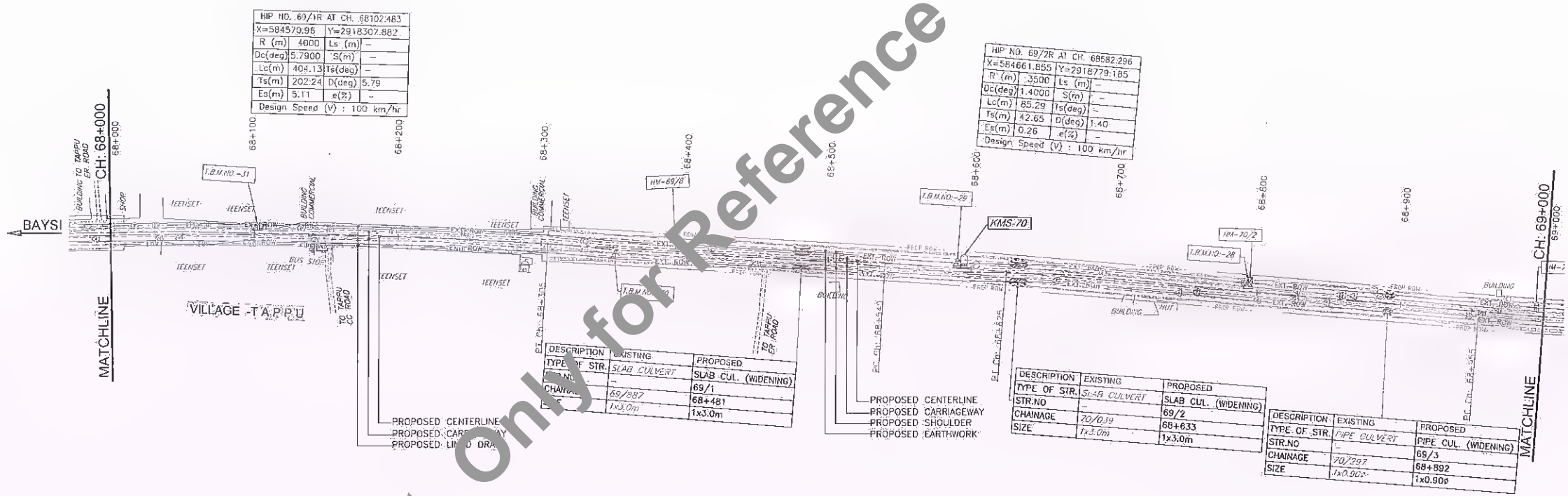
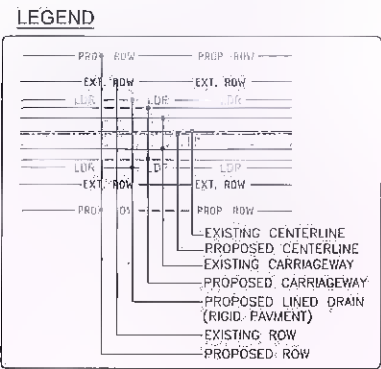
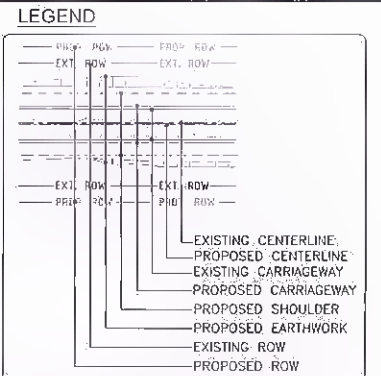
D. G. M. (Tech.)
BSRDCL
PIU-Katihar

Manager (Tech.)
BSRDCL
PIU-Katihar



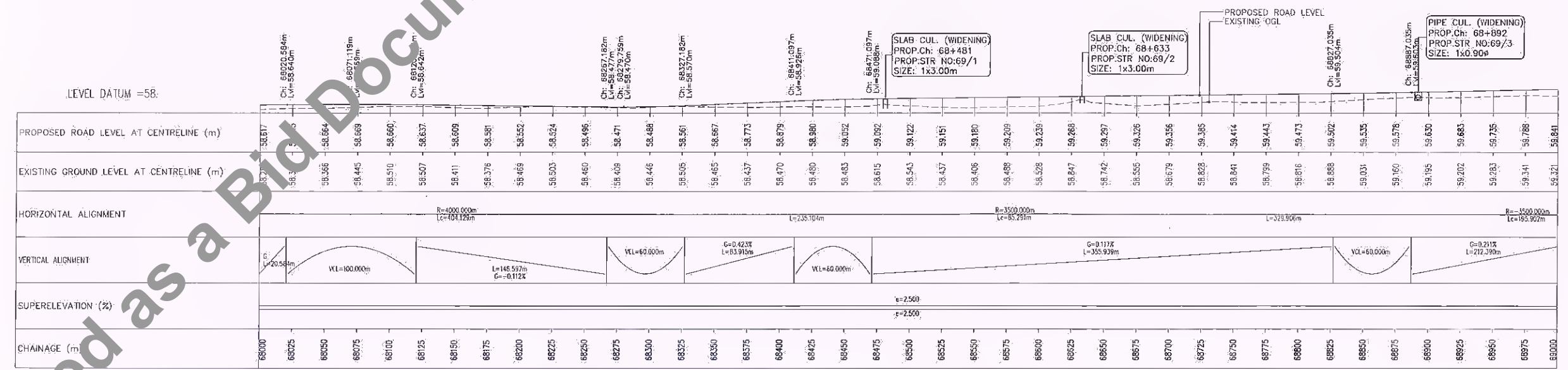
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<p>Bihar State Road Development Corporation Limited (BSRDCL) (A Government of Bihar Undertaking)</p>	<p>PROJECT: Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar Baysi - Bahadurganj - Dighalbank (SH-99)</p>	<p>CONSULTANTS: SAI Consulting Engineers Pvt. Ltd. An ISO 9001 Certified Company Block-A "Sai House" Salyan Corporate Square, B/A Rajpath Club Bodekay, Ahmedabad-380057, Gujarat, India Phone : +91-79-66142600/700, Fax : +91-79-66142800 Email : sai@saindia.com</p>	<p>REV. DATE DESCRIPTION SIGN ISSUED BY : B.S.</p>	<p>DRAWN BY : #K. CHECKED BY : A.S. APPROVED BY : J.D.</p>	<p>TITLE : LRP/CHOKK (BAHADURGANJ) - DIGHALBANK (PACKAGE-III) ALIGNMENT PLAN & PROFILE KM. 67+000 TO KM. 68+000</p>
			<p>HORIZONTAL : 1:2500 VERTICAL : 1:250</p>	<p>DRG. NO. : SAI-213007/DPR/CH/PP - 68</p>	<p>REVISION : PF</p>



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ALIGNMENT PLAN



LONGITUDINAL SECTION

Manager (Tech.)
BSRDCL
MU-Katihar

D. G. M. (Tech.)
BSRDCL
PIU-Katihar



CLIENT:
Bihar State Road Development Corporation Limited (BSRDCL)
(A Government of Bihar Undertaking)

PROJECT:
Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar
Baysi - Bahadurganj - Dighalbank (SH-99)

CONSULTANTS:
SAI Consulting Engineers Pvt. Ltd.
An ISO 9001 Certified Company
Block-A "SAI House" Sanyam Corporate Square, Bili, Rajpath
Lko, Bada, New, Ahmedabad-380059, Gujarat, India
Phone : +91-79-66164000, Fax : +91-79-66162000
E-mail : mail@saiindia.com

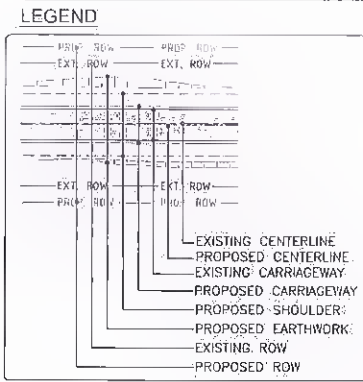
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PD	31/03/17	GOOD FOR CONSTRUCTION (DPR)	APPROVED BY :	J.D.
PC	10/04/14	GOOD FOR CONSTRUCTION (DPR)	ISSUED BY :	B.S.
PA	26/02/14	ISSUED WITH FINAL DPR		
	13/11/13	ISSUED WITH DDPR		

SCALE : HORIZONTAL : 1:2500
VERTICAL : 1:250

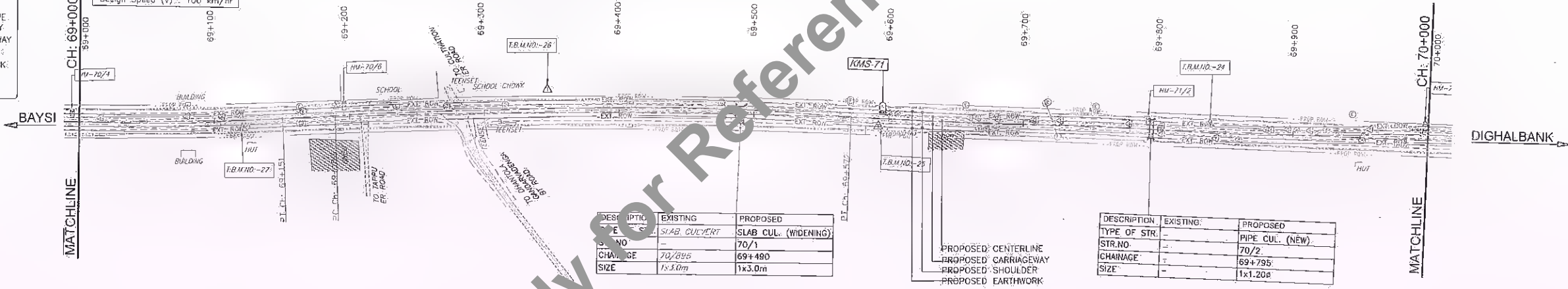
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ALIGNMENT PLAN & PROFILE
KM. 68+000 TO KM. 69+000

DRG. NO. : SAI-213007/DPR/CI/PP - 69
REVISION : PF

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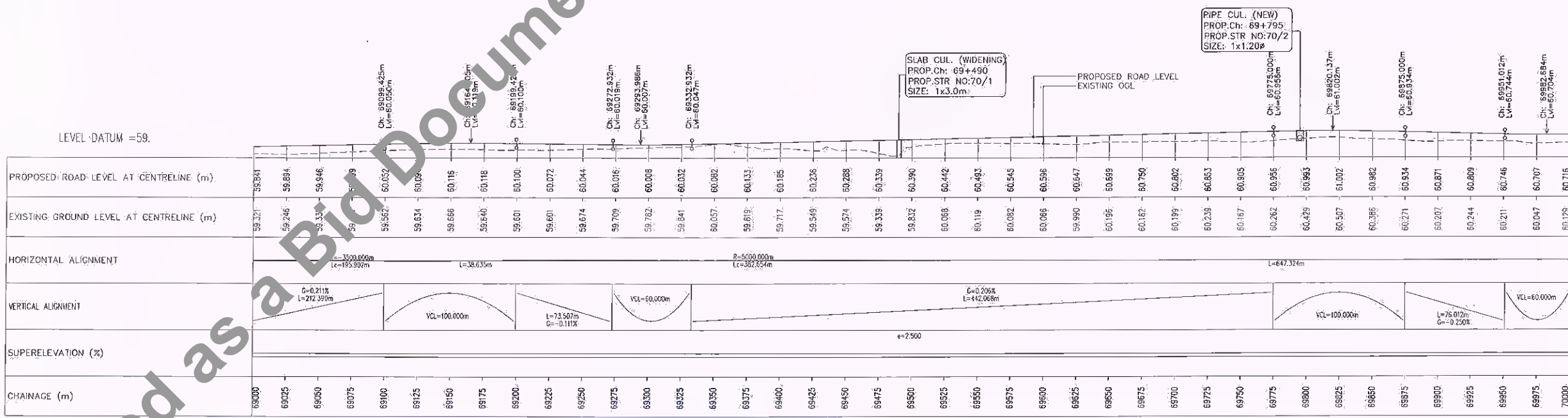
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X=584762.19	Y=2919238.893	X=584814.101	Y=2919562.792
R (m) 3500	Ls (m) -	R (m) 5000	Ls (m) -
Dc(deg) 3.2100	S(m) -	Dc(deg) 4.3800	S(m) -
Lc(m) 195.90	Ts(deg) -	Lc(m) 382.65	Ts(deg) -
Ts(m) 97.98	D(deg) 3.21	Ts(m) 191.42	D(deg) 4.38
Es(m) 1.37	e(%) -	Es(m) 3.66	e(%) -
Design Speed (V) : 100 km/hr		Design Speed (V) : 100 km/hr	



DESCRIPTION	EXISTING	PROPOSED
TYPE OF STR.	-	PIPE CUL. (WIDENING)
STR. NO.	-	70/1
CHANGAGE	70/2/8/9	69+490
SIZE	1x3.0m	1x3.0m

DESCRIPTION	EXISTING	PROPOSED
TYPE OF STR.	-	PIPE CUL. (NEW)
STR. NO.	-	70/2
CHANGAGE	-	69+795
SIZE	-	1x1.20m

ALIGNMENT PLAN



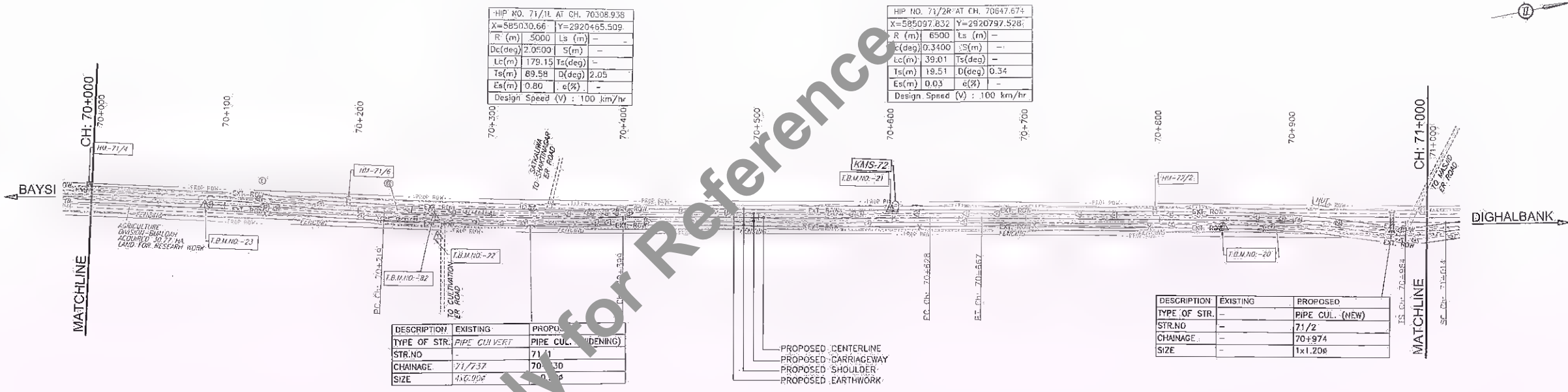
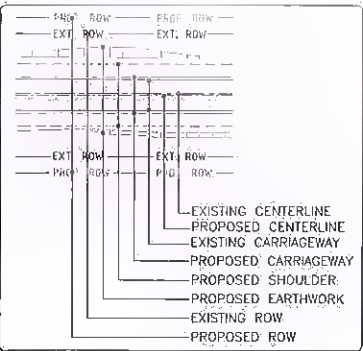
LONGITUDINAL SECTION

Manager (Tech.)
BSRDCL
PIU-Katihar

D. G. M. (Tech.)
BSRDCL
PIU-Katihar

<p>CLIENT: Bihar State Road Development Corporation Limited (BSRDCL) (A Government of Bihar Undertaking)</p>	<p>PROJECT: Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar Baysi - Bahadurganj - Dighalbank (SH-99)</p>	<p>CONSULTANTS: SAI Consulting Engineers Pvt. Ltd. An ISO 9001 Certified Company Block-A, "SAM House", Sanyam Corporate Square, B'n Rupaiah Club, Bosekalyan, Ahaadabad-380059, Gujarat, India Phone : +91-79-88142029/280, Fax : 91-79-88142000 Email : mail@saiengineers.com</p>	<p>REV. DATE DESCRIPTION SIGN ISSUED BY : B.S.</p>	<p>TITLE : LRP CHOWK (BAHADURGANJ) - DIGHALBANK (PACKAGE-III) ALIGNMENT PLAN & PROFILE KM. 69+000 TO KM. 70+000</p>
			<p>DATE: 2022/07/12 PATH: C:\Users\l... \AppData\Local\Temp\AcPublish_5268\1\01_PP_Km. 52+115 to Km. 73+815.dwg</p>	<p>DRAWN BY : R.K. CHECKED BY : A.S. APPROVED BY : J.D.</p>

LEGEND



HIP NO. 71/1L AT CH. 70308.938

X=585030.66	Y=2920465.509
R (m) : 5000	Ls (m) : -
Dc(deg) : 2.0500	S(m) : -
Lc(m) : 179.15	Ts(deg) : -
Ts(m) : 89.59	D(deg) : 2.05
Es(m) : 0.80	e(%) : -
Design Speed (V) : 100 km/hr	

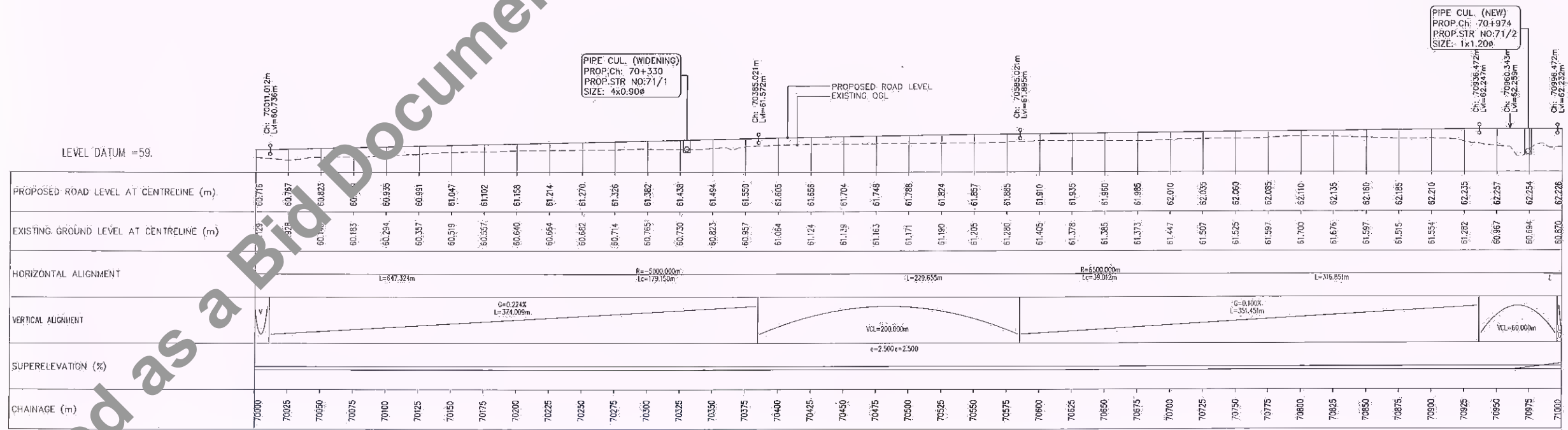
HIP NO. 71/2R AT CH. 70647.674

X=585097.832	Y=2920797.528
R (m) : 6500	Ls (m) : -
Dc(deg) : 0.3400	S(m) : -
Lc(m) : 39.01	Ts(deg) : -
Ts(m) : 19.51	D(deg) : 0.34
Es(m) : 0.03	e(%) : -
Design Speed (V) : 100 km/hr	

DESCRIPTION	EXISTING	PROPOSED
TYPE OF STR.	PIPE CULVERT	PIPE CUL. (WIDENING)
STR.NO	-	71/1
CHAINAGE	71/237	70+330
SIZE	4x0.90φ	4x0.90φ

DESCRIPTION	EXISTING	PROPOSED
TYPE OF STR.	-	PIPE CUL. (NEW)
STR.NO	-	71/2
CHAINAGE	-	70+974
SIZE	-	1x1.20φ

ALIGNMENT PLAN



CHAINAGE (m)	PROPOSED ROAD LEVEL AT CENTRELINE (m)	EXISTING GROUND LEVEL AT CENTRELINE (m)
70000	60.716	60.729
70025	60.787	60.797
70050	60.823	60.846
70075	60.835	60.883
70100	60.935	60.924
70125	60.991	60.957
70150	61.047	60.919
70175	61.102	60.857
70200	61.158	60.840
70225	61.214	60.864
70250	61.270	60.862
70275	61.326	60.774
70300	61.382	60.769
70325	61.438	60.730
70350	61.494	60.823
70375	61.550	60.957
70400	61.605	61.064
70425	61.656	61.124
70450	61.704	61.139
70475	61.746	61.163
70500	61.786	61.171
70525	61.824	61.190
70550	61.857	61.205
70575	61.885	61.228
70600	61.910	61.405
70625	61.935	61.378
70650	61.950	61.386
70675	61.985	61.373
70700	62.010	61.447
70725	62.035	61.507
70750	62.060	61.525
70775	62.085	61.597
70800	62.110	61.700
70825	62.135	61.676
70850	62.160	61.597
70875	62.185	61.515
70900	62.210	61.554
70925	62.235	61.282
70950	62.257	60.867
70975	62.254	60.694
71000	62.226	60.870

LONGITUDINAL SECTION

Manager (Tech.) BSRDCL PIU-Katihar

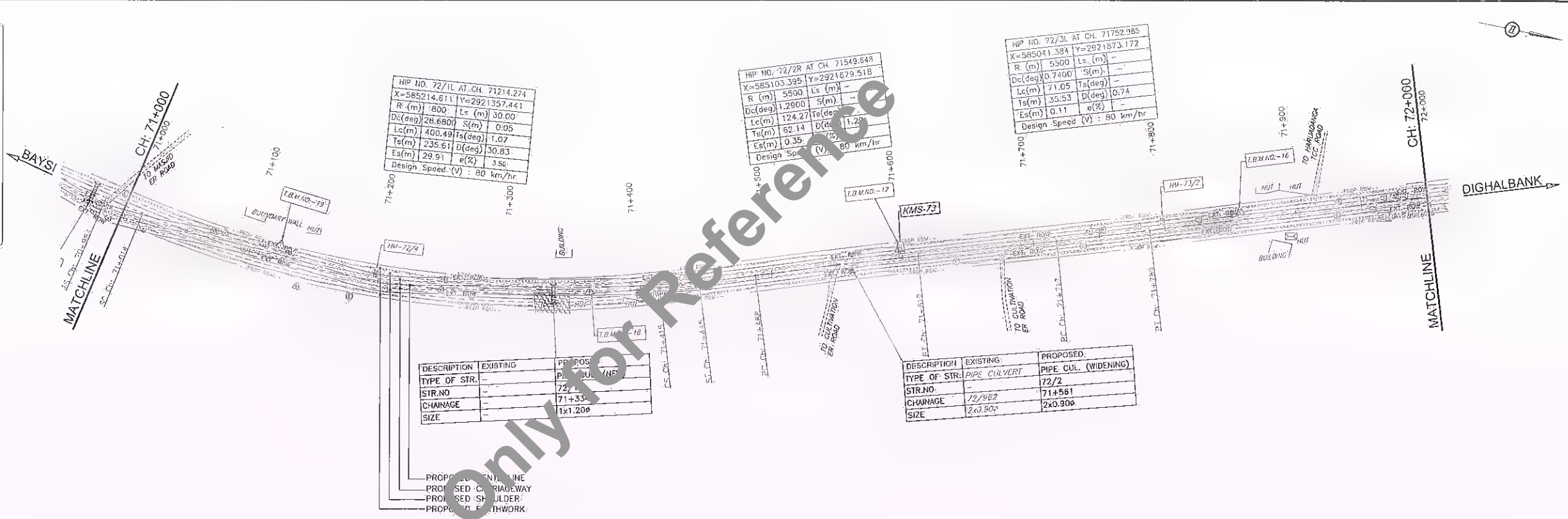
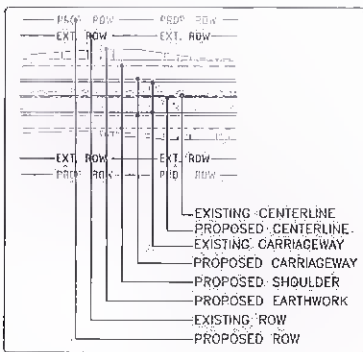
D. G. M. (Tech.) BSRDCL PIU-Katihar



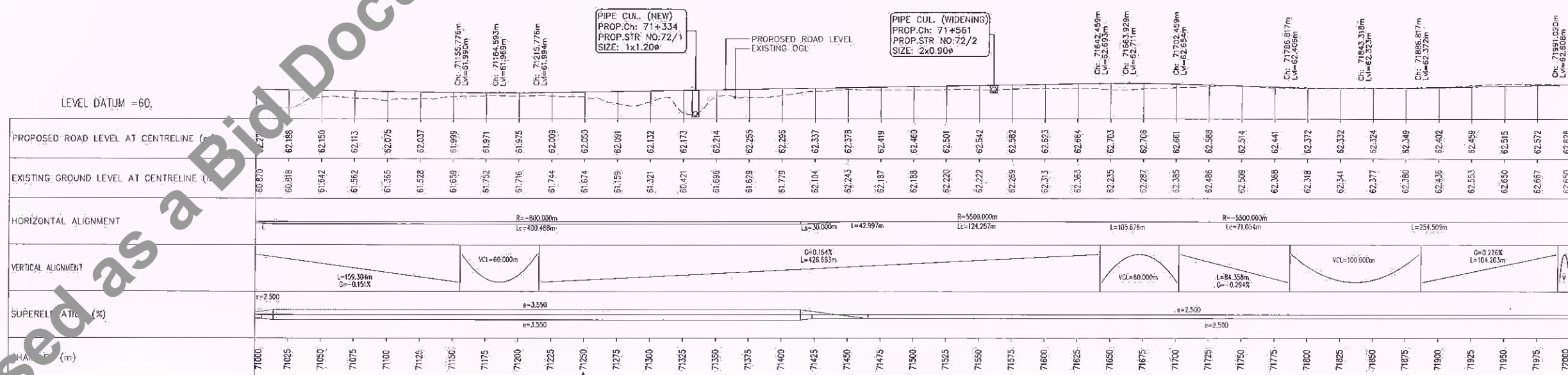
<p>CLIENT:</p> <p>Bihar State Road Development Corporation Limited (BSRDCL) (A Government of Bihar Undertaking)</p>	<p>PROJECT:</p> <p>Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar Baysi - Bahadurganj - Dighalbank (SH-99)</p>	<p>CONSULTANTS:</p> <p>SAI Consulting Engineers Pvt. Ltd. An ISO 9001 Certified Company</p>	<table border="1"> <tr><td>REV.</td><td>DATE</td><td>DESCRIPTION</td><td>SIGN</td><td>ISSUED BY</td></tr> <tr><td>PF</td><td>31/07/19</td><td>GOOD FOR CONSTRUCTION (REVISED DPR)</td><td></td><td>R.K.</td></tr> <tr><td>PE</td><td>17/12/18</td><td>GOOD FOR CONSTRUCTION (DPR)</td><td></td><td>R.K.</td></tr> <tr><td>PD</td><td>31/03/17</td><td>GOOD FOR CONSTRUCTION (DPR)</td><td></td><td>A.S.</td></tr> <tr><td>PC</td><td>10/04/14</td><td>GOOD FOR CONSTRUCTION (DPR)</td><td></td><td>A.S.</td></tr> <tr><td>PB</td><td>28/02/14</td><td>ISSUED WITH FINAL DPR</td><td></td><td>J.D.</td></tr> <tr><td>PA</td><td>13/11/13</td><td>ISSUED WITH DPR</td><td></td><td>B.S.</td></tr> </table>	REV.	DATE	DESCRIPTION	SIGN	ISSUED BY	PF	31/07/19	GOOD FOR CONSTRUCTION (REVISED DPR)		R.K.	PE	17/12/18	GOOD FOR CONSTRUCTION (DPR)		R.K.	PD	31/03/17	GOOD FOR CONSTRUCTION (DPR)		A.S.	PC	10/04/14	GOOD FOR CONSTRUCTION (DPR)		A.S.	PB	28/02/14	ISSUED WITH FINAL DPR		J.D.	PA	13/11/13	ISSUED WITH DPR		B.S.	<p>TITLE: LRP CHOWK (BAHADURGANJ) - DIGHALBANK (PACKAGE III) ALIGNMENT PLAN & PROFILE KM. 70+000 TO KM. 71+000.</p> <p>DRG NO.: SAI-213007/DPR/CH/PP - 71</p> <p>REVISION: PF</p>
REV.	DATE	DESCRIPTION	SIGN	ISSUED BY																																			
PF	31/07/19	GOOD FOR CONSTRUCTION (REVISED DPR)		R.K.																																			
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PB	28/02/14	ISSUED WITH FINAL DPR		J.D.																																			
PA	13/11/13	ISSUED WITH DPR		B.S.																																			

DATE: 2021/7/12 PATH: C:\Users\vis\AppData\Local\Temp\AcPublish\5268\101 PP Km. 52+115 to Km. 73+815.dwg

LEGEND



ALIGNMENT PLAN



LONGITUDINAL SECTION

Manager (Tech.)
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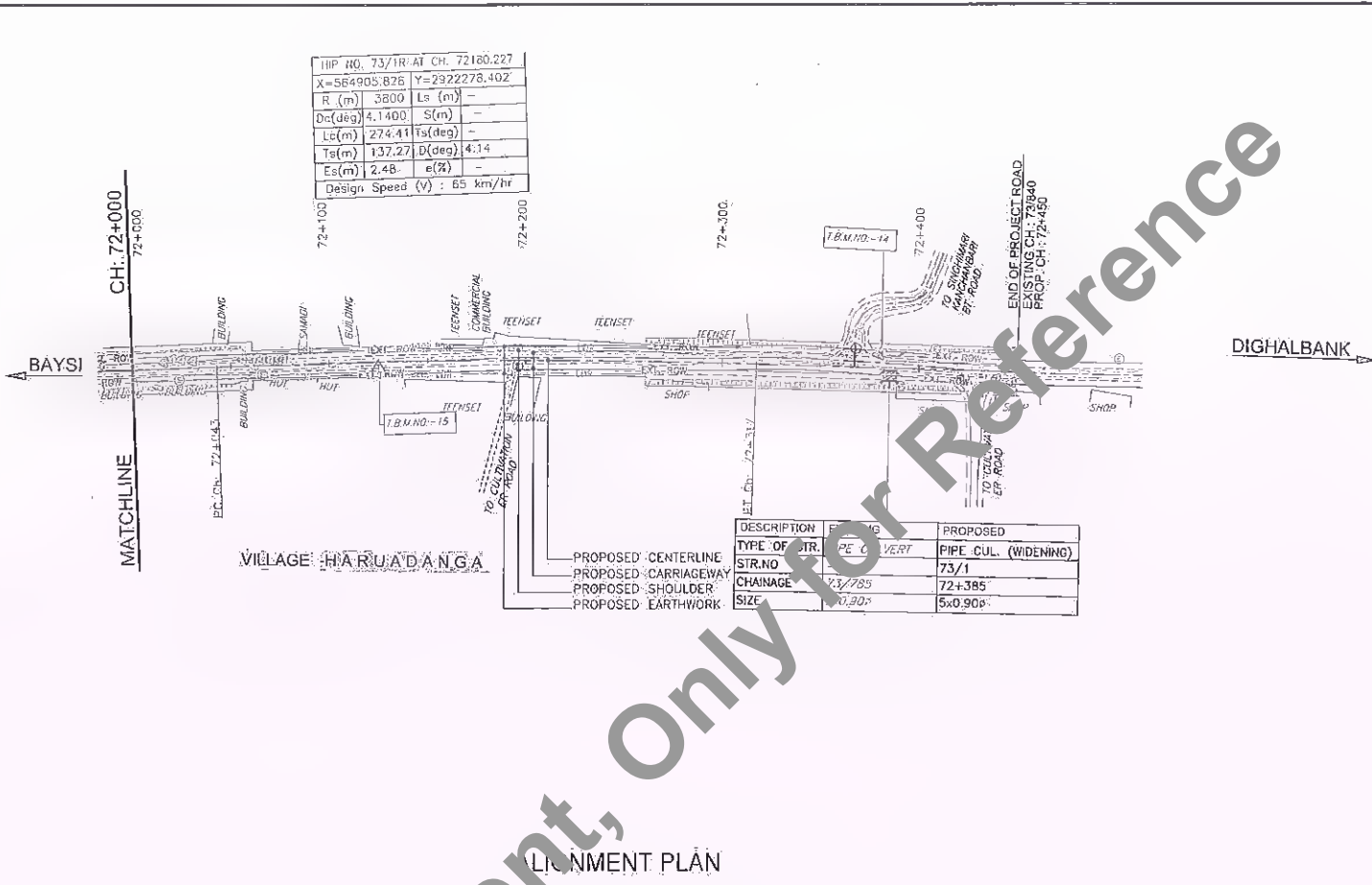
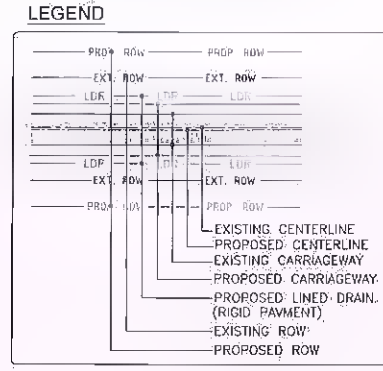
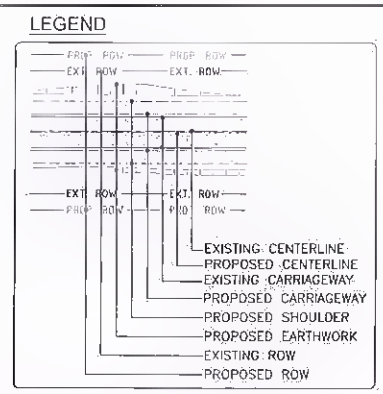
D. G. M. (Tech.)
BSRDCL
PIU-Katihar



CLIENT: Bihar State Road Development Corporation Limited (BSRDCL) (A Government of Bihar Undertaking)	PROJECT: Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar <i>Baysi - Bahadurganj - Dighalbank (SH-99)</i>	CONSULTANTS: SAI Consulting Engineers Pvt. Ltd. An ISO 9001 Certified Company Block-A "SAI House", Saiyam Corporate Square, Bihari Rajpath, Club, Bahadurganj, Alameda Road - 800059, Guwahati, India Phone : +91-784614669/789789 Fax : +91-79-66142900 Email : mail@saiindia.com	PF 31/07/19 GOOD FOR CONSTRUCTION (REVISED DPR) PE 17/12/18 GOOD FOR CONSTRUCTION (DPR) PD 31/03/17 GOOD FOR CONSTRUCTION (DPR) PC 10/04/14 GOOD FOR CONSTRUCTION (DPR) PB 26/02/14 ISSUED WITH FINAL DPR PA 13/11/13 ISSUED WITH DPR	DRAWN BY : R.K. CHECKED BY : A.S. APPROVED BY : J.D. ISSUED BY : B.S.	TITLE : LRP CHOWK (BAHADURGANJ) - DIGHALBANK (PACKAGE III) ALIGNMENT PLAN & PROFILE KM. 71+000 TO KM. 72+000
			REV. DATE DESCRIPTION SIGN 1 31/07/19 2 17/12/18 3 31/03/17 4 10/04/14 5 26/02/14 6 13/11/13	DRG. NO. : SAI-213007/DPR/CH/PP-72 REVISION : PF	

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IHP NO. 73/1R AT CH. 72180.227	
X = 564903.876	Y = 2922278.402
R (m)	3800
Ls (m)	-
Dc (deg)	4.1400
S (m)	-
Lc (m)	274.41
Ts (deg)	-
Te (m)	137.27
D (deg)	4.14
Es (m)	2.48
e (%)	-
Design Speed (V) : 65 km/hr	

DESCRIPTION	PROPOSED
TYPE OF STR.	PIPE CUL. (WIDENING)
STR. NO.	73/1
CHAINAGE	72+385
SIZE	5x0.90m

ALIGNMENT PLAN

CH.	PROPOSED ROAD LEVEL	EXISTING OGL
72000	62.825	62.665
72025	62.744	62.744
72050	62.751	62.751
72075	62.785	62.713
72100	62.813	62.755
72125	62.841	62.776
72150	62.868	62.758
72175	62.892	62.731
72200	62.889	62.788
72225	62.852	62.705
72250	62.802	62.734
72275	62.752	62.723
72300	62.701	62.537
72325	62.658	62.421
72350	62.655	62.534
72375	62.689	62.604
72400	62.758	62.713
72425	62.820	62.821

LONGITUDINAL SECTION

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BSRDCL
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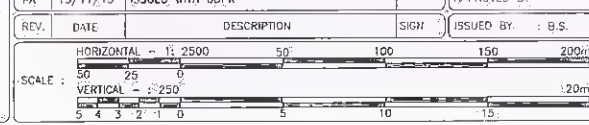
D. G. M. (Tech.)
BSRDCL
PIU-Katihar

CLIENT:
Bihar State Road Development Corporation Limited (BSRDCL)
(A Government of Bihar Undertaking)

PROJECT:
Consultancy Services for Preparation of Detailed Project Report of different State Highway in Bihar
Baysi - Bahadurganj - Dighalbank (SH-99)

CONSULTANTS:
SAI Consulting Engineers Pvt. Ltd.
An ISO 9001 Certified Company

PF	31/07/19	GOOD FOR CONSTRUCTION (REVISED DPR)	DRAWN BY : R.K.	TITLE : LRP CHOWK (BAHADURGANJ) DIGHALBANK (PACKAGE-III)
PE	17/12/18	GOOD FOR CONSTRUCTION (DPR)	CHECKED-BY : A.S.	ALIGNMENT PLAN & PROFILE
PD	31/03/17	GOOD FOR CONSTRUCTION (DPR)	APPROVED BY : J.D.	KM. 72+000 TO KM. 72+450
PC	10/04/14	GOOD FOR CONSTRUCTION (DPR)		
PR	26/02/14	ISSUED WITH FINAL DPR		
PA	13/11/13	ISSUED WITH DDPR		



DRG. NO.:
SAI-213007/DPR/CI/I/PP - 73
REVISION : PF



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