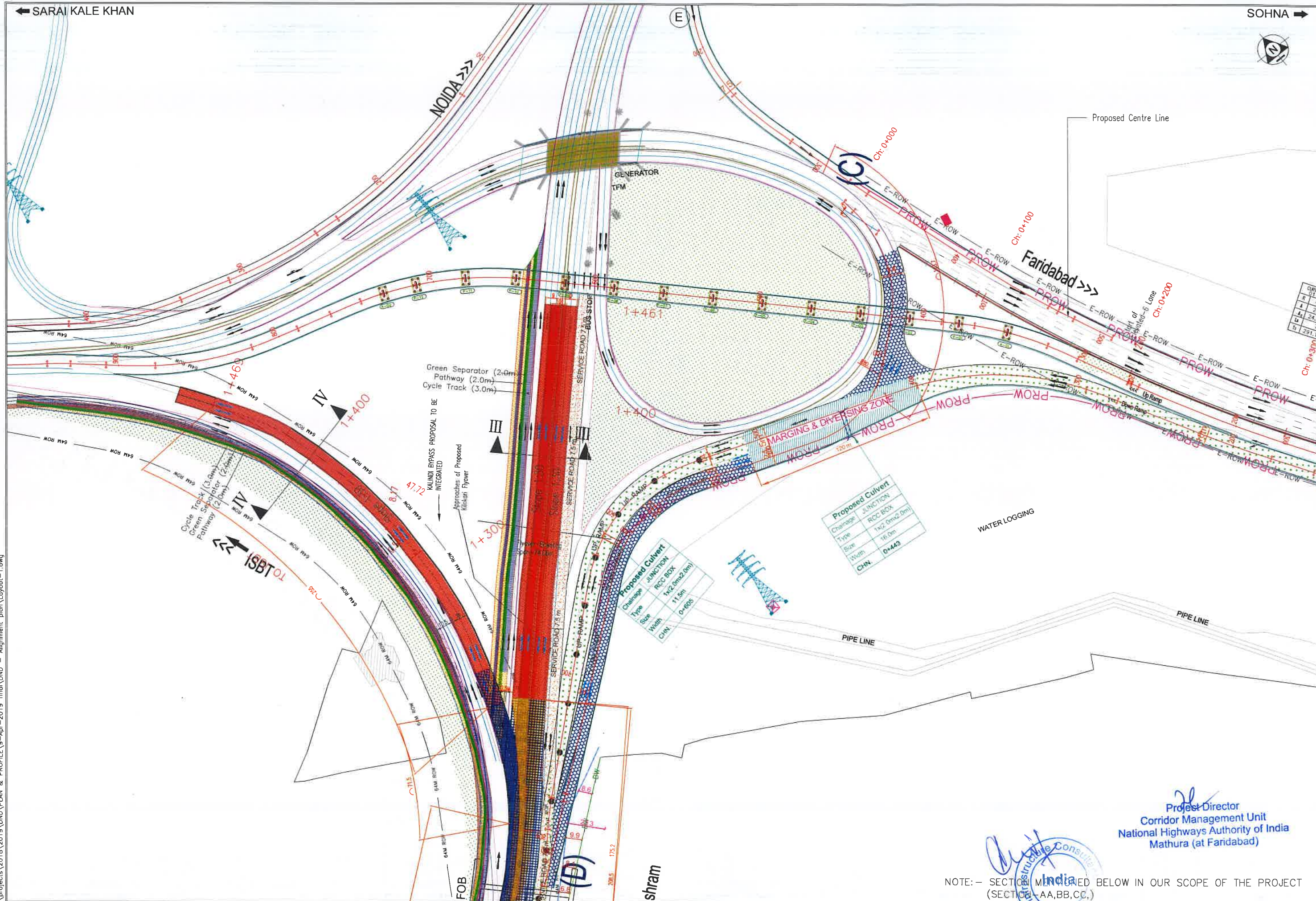


SARAI KALE KHAN

SOHNA



Curve	1	2	3	4	5
R	100	100	100	100	100
L	24.6	24.6	24.6	24.6	24.6
E	24.6	24.6	24.6	24.6	24.6
W	24.6	24.6	24.6	24.6	24.6

Proposed Culvert	JUNCTION
Chaining	RCC BOX
Type	1x2 0m x 2.0m
Size	16.0m
Width	0.443
Chn	0.443

Proposed Culvert	JUNCTION
Chaining	RCC BOX
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Width	0.443
Chn	0.443

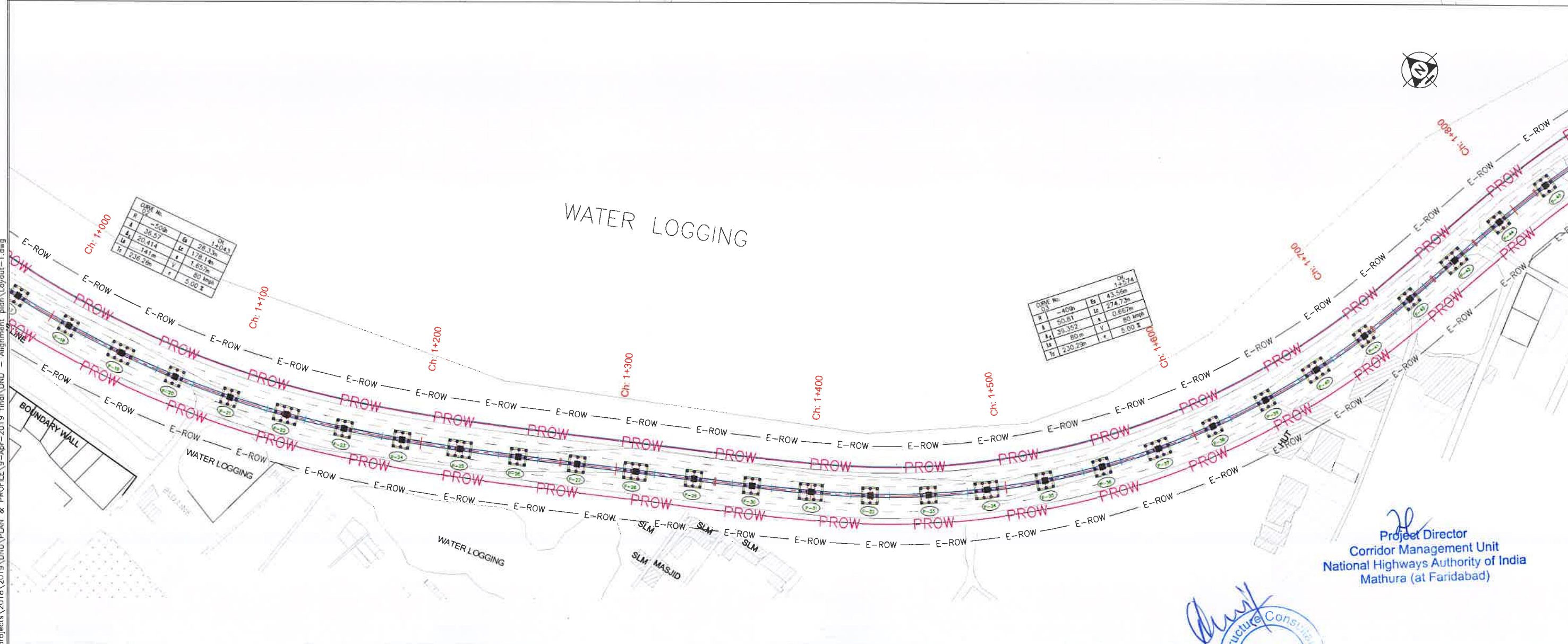
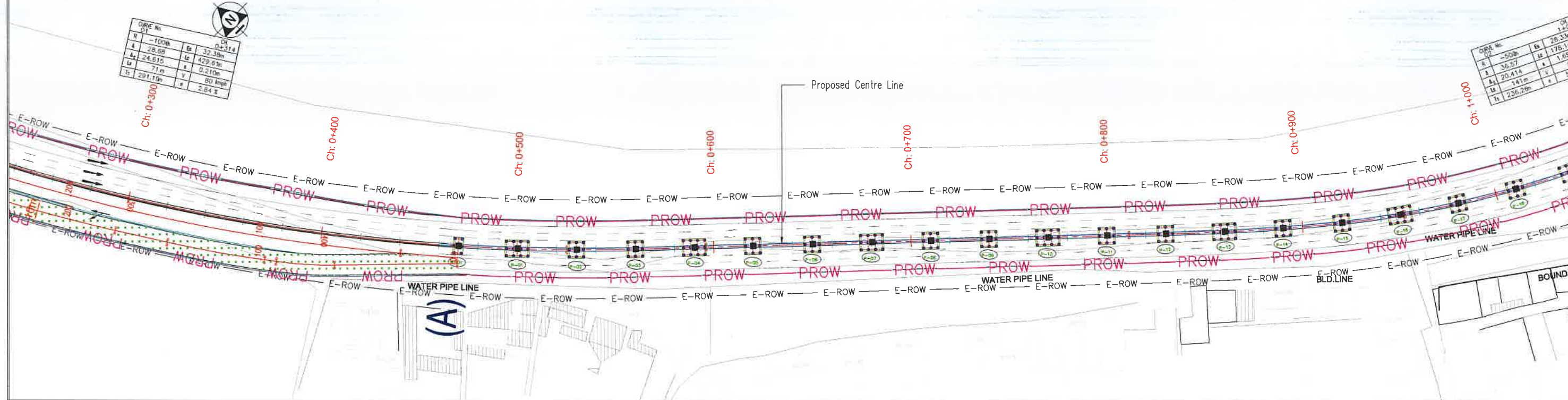
Project Director
Corridor Management Unit
National Highways Authority of India
Mathura (at Faridabad)

NOTE:- SECTION MENTIONED BELOW IN OUR SCOPE OF THE PROJECT
(SECTION-AA,BB,CC,)

Consultant: S.A. Infrastructure Consultants Pvt. Ltd. 1101A, 11 Floor Tower A-II, Ansal Corporate Park, Plot No. 7A/1, Sector 142, Noida-201301 (Uttar Pradesh) Phone No- 0120-6148000 Fax-0120-6148099 Email: info@sainfra.com				Client: NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Road, Transport & Highways, Govt. of India)				Project: Consultancy Services for Preparation of Detailed Project Report for Development of Corridor, Inter Corridors and Feeder Routes to Improve the Efficiency of Freight Movement in India Under Bharatmala Pariyojana (Lot-4/Package-1) DND-Faridabad- Ballabhgarh Bypass-Junction with Delhi-Vadodra Expressway near KMP Interchange				Drawing Title: ALIGNMENT PLAN Plan-Km 0+000 TO KM 0+350				DRAWING NO : 131893/DPR/AP/01 DATE : AUG-2020 SCALE : Hor.-1:2000 DESIGNED (A) DRAWN (B) CHECKED (C) APPROVED (D) Vijay Gupta Ashish Shantanu C.K.Bafna			
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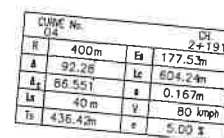
SARAI KALE KHAN

SOHNA



DATE: 06/06/2020 - 5:17pm
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				Consultant:  S.A. Infrastructure Consultants Pvt. Ltd. 1101A, 11 Floor Tower A-II, Ansal Corporate Park, Plot No. 7A/1, Sector 142, Noida-201301, (Uttar Pradesh) Phone No- 0120-6148000 Fax-0120-6148090 Email: info@sainfra.com		Client :  NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Road, Transport & Highways, Govt. of India)		Project: Consultancy Services for Preparation of Detailed Project Report for Development of Corridor, Inter Corridors and Feeder Routes to Improve the Efficiency of Freight Movement in India Under Bharatmala Pariyojana (Lot-4/Package-1) DND-Faridabad-Ballabgarh Bypass-Junction with Delhi-Vadodra Expressway near KMP Interchange		Drawing Title : ALIGNMENT PLAN Plan-Km 0+350 TO KM 1+550		DRAWING NO : 131893/DFR/AF/02 DATE : AUG-2020 SCALE : Hor.-1:2000 DESIGNED (A) DRAWN (B) CHECKED (C) APPROVED (D) Vijay Gupta Ashish  Shantanu C.K.Bafno				Paper Size A3
REV DATE DESCRIPTION OF REVISIONS INITIALS																



Proposed-Culvert
Type- Box
Size-(1X3.0X2.0)
Proposed Ch-2+897

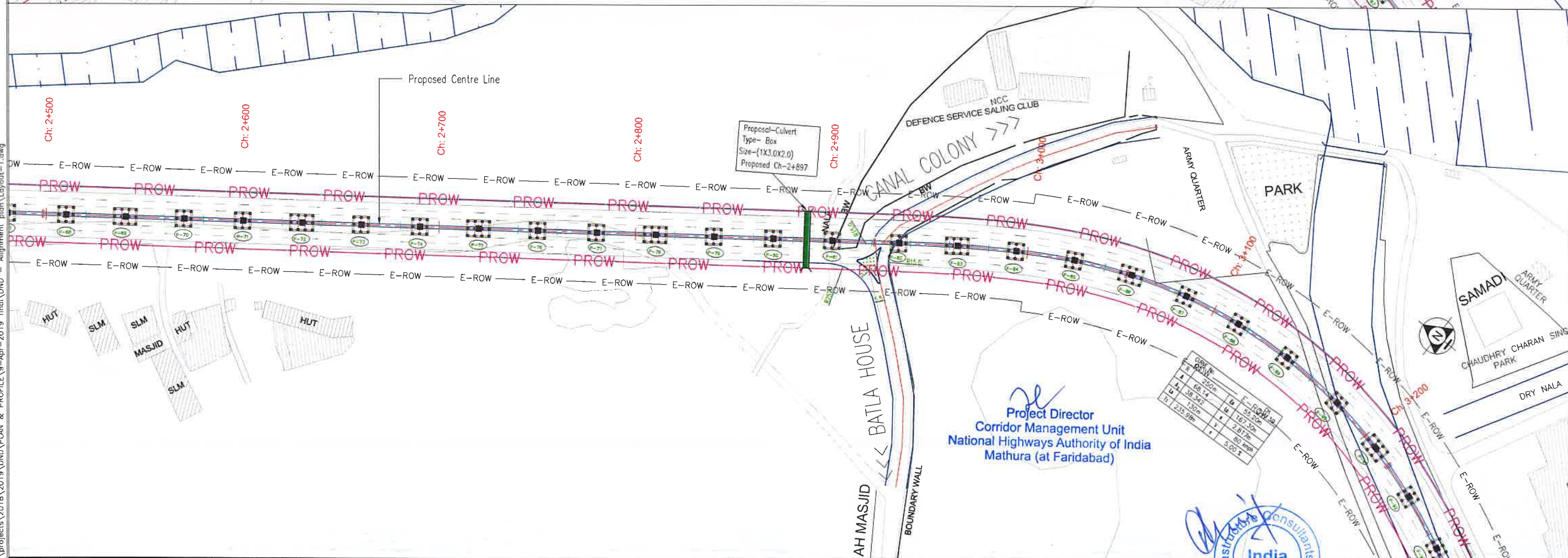
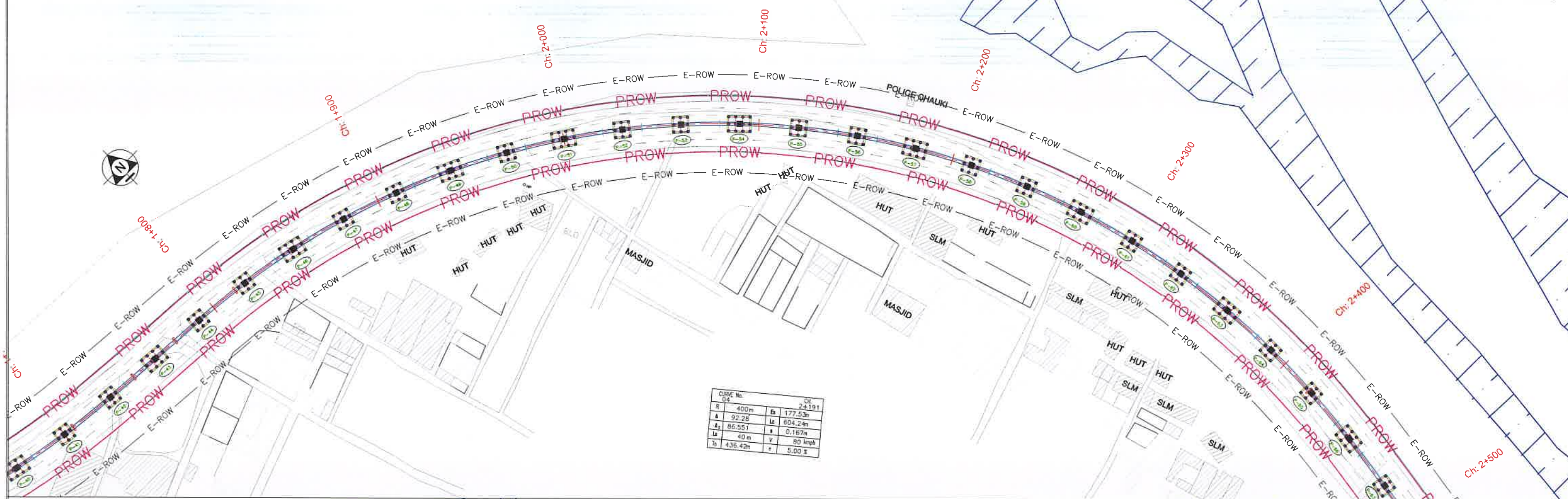
Project Director
Corridor Management Unit
National Highways Authority of India
Mathura (at Faridabad)

PROW

ROW		E-ROW	
A	B	A	B
1	250m	1	55.20m
2	68.14	2	167.30m
3	36.342	3	2.817m
4	1.501	4	80.40m
5	2.35.91m	5	5.00%

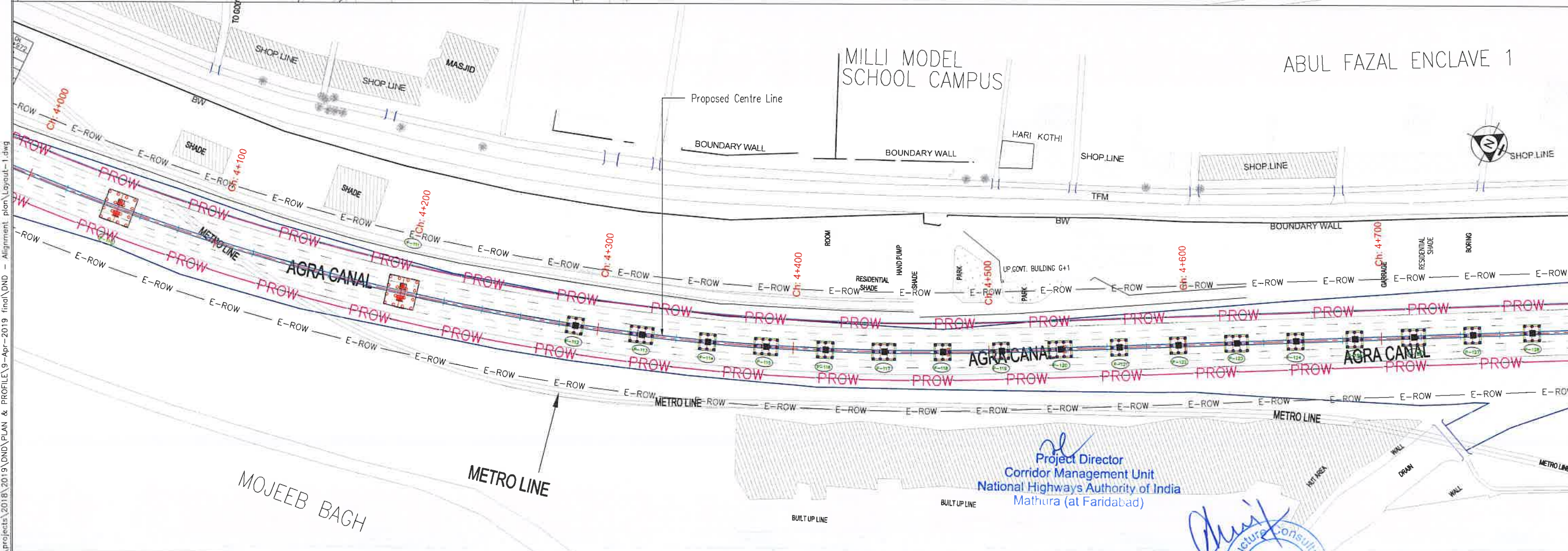
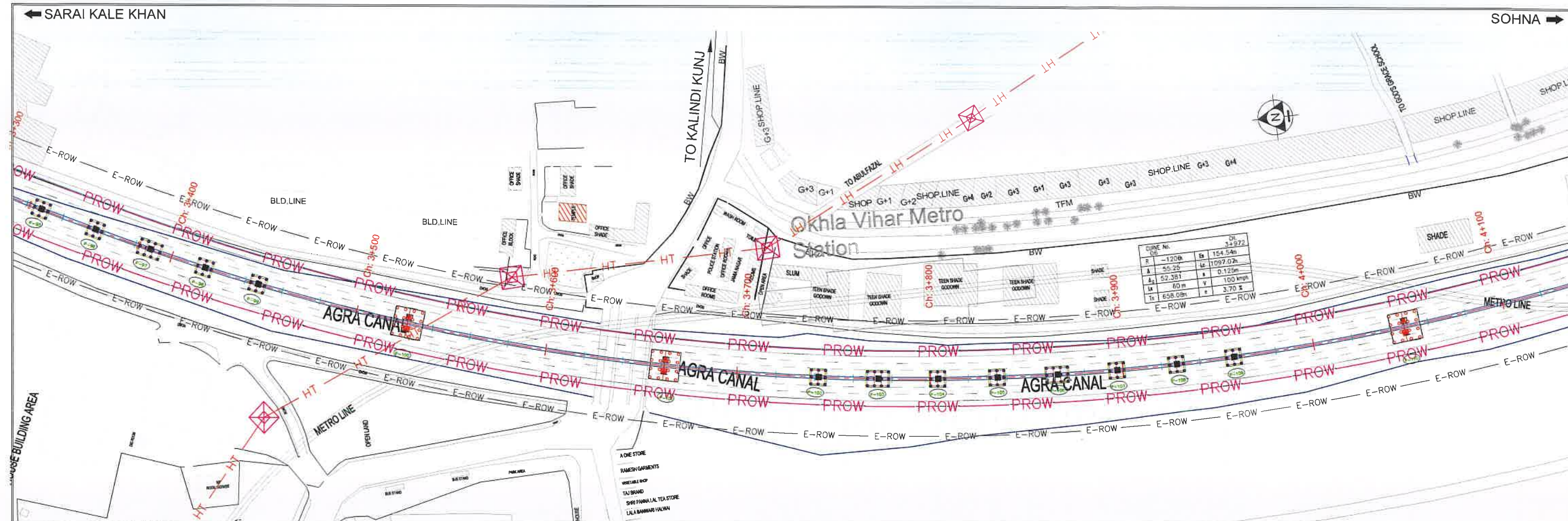
← SARAI KALE KHAN

SOHNA →



SARAI KALE KHAN

SOHNA



DATE: 05/08/2020 - 5:38pm
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Consultant:
S.A. Infrastructure Consultants Pvt. Ltd.
1101A, 11 Floor Tower A-1, Ansal Corporate Park,
Plot No. 7A/1, Sector 142, Noida-201301 (Uttar Pradesh)
Phone No- 0120-6148000 Fax-0120-6148000
Email: info@saiconsultants.com

Client:
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Road, Transport & Highways, Govt. of India)

Project:
Consultancy Services for Preparation of Detailed Project Report for Development of
Corridor, Inter Corridors and Feeder Routes to Improve the Efficiency of Freight
Movement in India Under Bharatmala Pariyojana (Lot-4/Package-1) DND-Faridabad-
Ballabgarh Bypass-Junction with Delhi-Vadodra Expressway near KMP Interchange

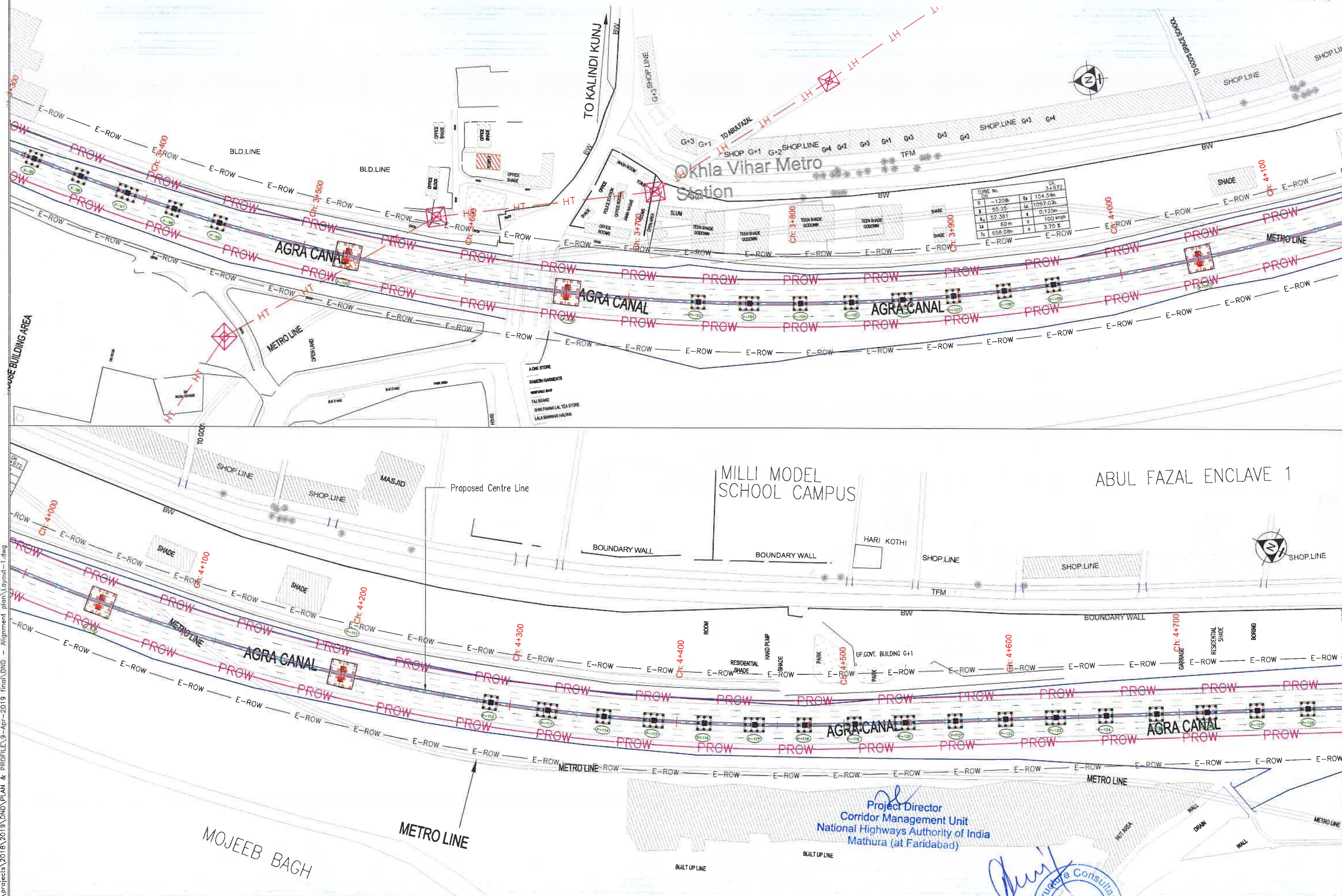
Drawing Title:

ALIGNMENT PLAN
Plan-Km 3+250 TO KM 4+750

DRAWING NO: 131893/DP/05
DATE: AUG-2020 SCALE: Hor.-1:2000
DESIGNED (A) DRAWN (B) CHECKED (C) APPROVED (D)
Vijay Gupta Ashish Shantanu C.K.Bafna

Project Director
Corridor Management Unit
National Highways Authority of India
Mathura (at Faridabad)





				A	B	C	D
REV	DATE	DESCRIPTION OF REVISIONS					INITIALS

Consultant:



S.A. Infrastructure Consultants Pvt. Ltd.
1101A, 11 Floor Tower A-II, Ansal Corporate Park,
Plot No. 7A/1, Sector 142, Noida-201301 (Uttar Pradesh)
Phone No- 0120-6148000 Fax-0120-6148090

Client :	
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NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Road, Transport & Highways, Govt. of India)

Project:

Consultancy Services for Preparation of Detailed Project Report for Development of Corridor, Inter Corridors and Feeder Routes to Improve the Efficiency of Freight Movement in India Under Bharatmala Pariyojana (Lot-4/Package-1) DND-Faridabad-Ballabhgarh Bypass-Junction with Delhi-Vadodra Expressway near KMP Interchange

Drawing Title :	
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ALIGNMENT PLAN
Plan-Km 3+250 TO Km 4+75

Drawing Title : DRAWING NO : 131893/PPR/AP/06

DATE : AUG-2020

SCALE : Hor.-1:2000

DESIGNED (A)

	DRAWN (B)
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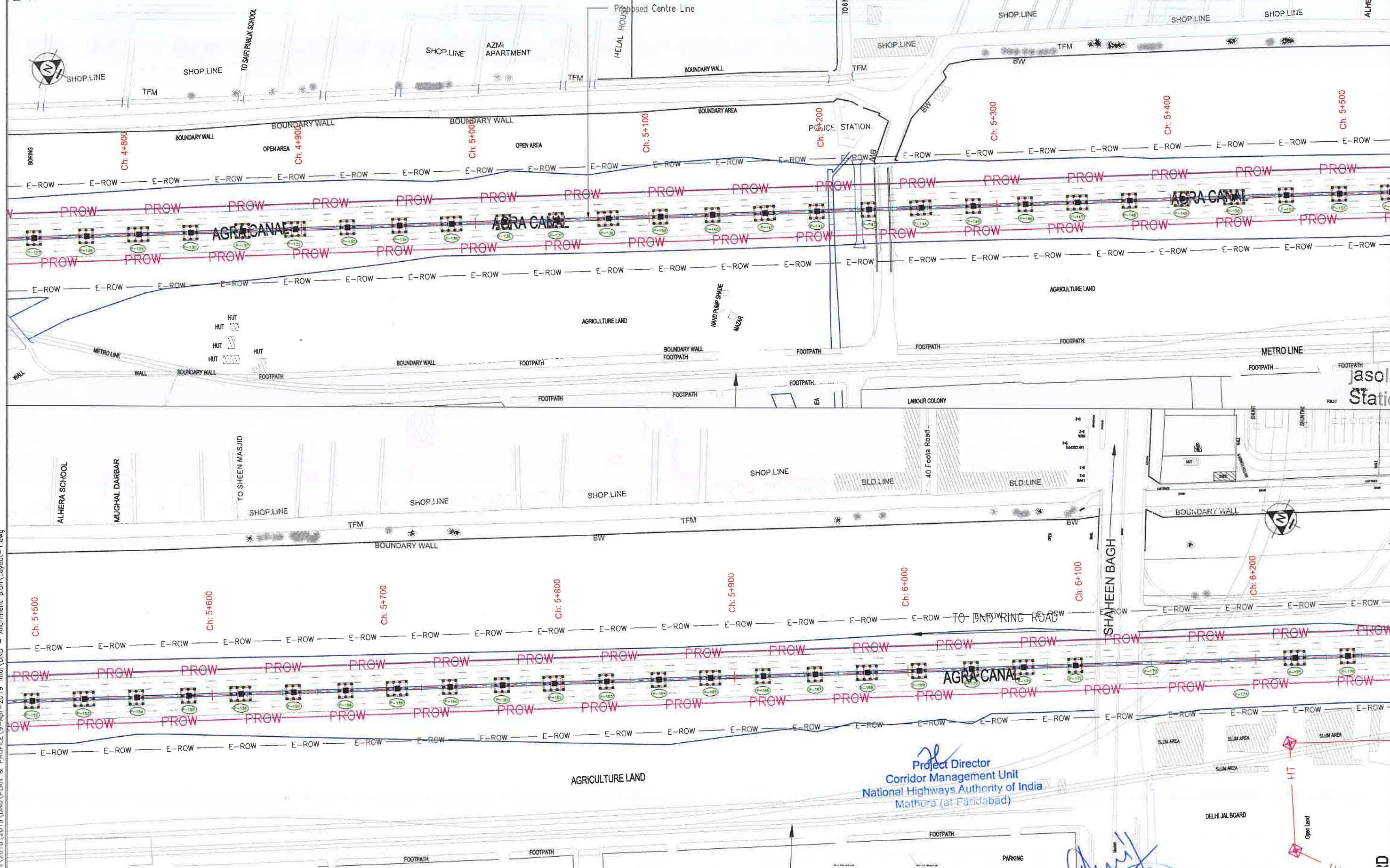
CHECKED (C)	APPROVED (D)
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1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

100

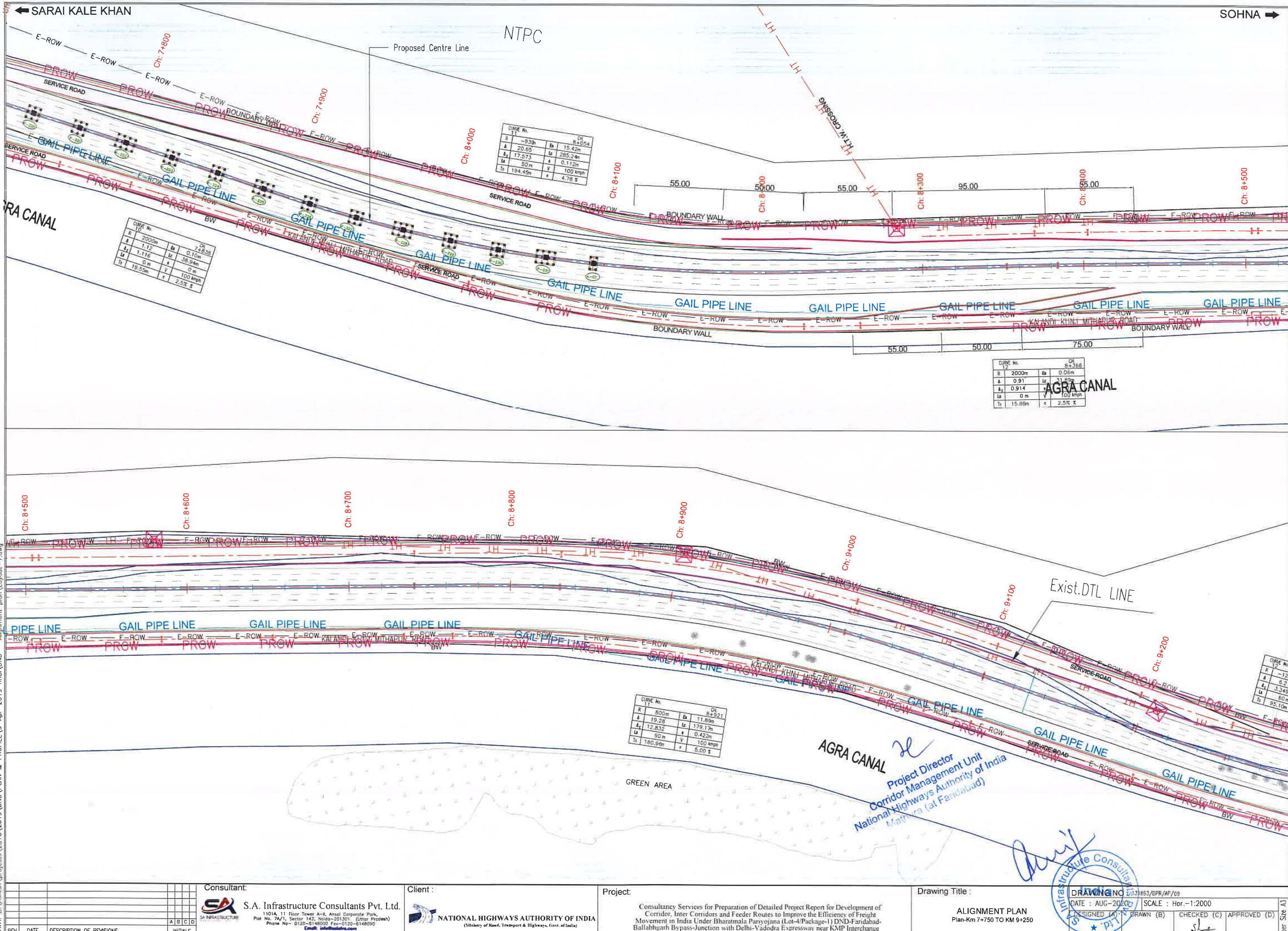
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runner Size A3



Project Director
Corridor Management Unit
National Highways Authority of India
Mathura (at Fardabad)

				Consultant:		Client :		Project:		Drawing Title :		DRAWING NO. : 131B03/DFR/NF/07									
				 S.A. Infrastructure Consultants Pvt. Ltd. 1101A, 11 Floor Tower A-II, Ansal Corporate Park, Plot No. 7A/1, Sector 142, Noida-201301 (Uttar Pradesh) Phone No- 0120-6148000 Fax-0120-6148090 Email: info@saiinfra.com		 NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Road, Transport & Highways, Govt. of India)		Consultancy Services for Preparation of Detailed Project Report for Development of Corridor, Inter Corridors and Feeder Routes to Improve the Efficiency of Freight Movement in India Under Bharatmala Pariyojana (Lot-4/Package-1) DND-Fandabad-Ballabgarh Bypass-Junction with Delhi-Vadodra Expressway near KMP Interchange		ALIGNMENT PLAN Plan-Km 4+750 TO KM 6+250		DATE : AUG-2020 SCALE : Hor.-1:2000									
												DESIGNED (A)		DRAWN (B)		CHECKED (C)		APPROVED (D)			
												Vijay Gupta		Ashish		Shantanu		C.K.Bafno			
REV				DATE				DESCRIPTION OF REVISIONS				INITIALS								Paper Size A3	



SARAI KALE KHAN

SOHNA

Proposed Centre Line

CURVE No.	DL
12	9+293
R	120m
E	1.89m
L	70.14m
L ₂	3.349
L ₃	0.125m
L ₄	60m
L ₅	95.10m
V	100 kmph
e	3.70 %

Ch: 9+400

Ch: 9+500

Ch: 9+600

Ch: 9+700

Ch: 9+800

Ch: 9+900

Ch: 10+000

AGRA CANAL

CURVE No.	DL
13	9+822
R	100m
E	0.95m
L	6.12m
L ₂	0.251
L ₃	71m
L ₄	4.10m
V	100 kmph
e	4.44 %

AGRA CANAL

HARI NAGAR EXTN

CURVE No.	DL
14	10+414
R	1500m
E	5.80m
L	10.00
L ₂	6.889
L ₃	50m
L ₄	156.24m
V	100 kmph
e	2.96 %

Project Director
Corridor Management Unit
National Highways Authority of India
Mathura (at Faridabad)



DATE: 06/08/2020 - 5:15pm
PATH: D:\ahish\projects\2018\2019\DND\PLAN & PROFILE\9-Apr-2019 final DND - Alignment plan Layout-1.dwg

REV	DATE	DESCRIPTION OF REVISIONS	INITIALS

Consultant:
S.A. Infrastructure Consultants Pvt. Ltd.
1101A, 11 Floor Tower A-II, Ansal Corporate Park,
Plot No. 7A/1, Sector 142, Noida-201301 (Uttar Pradesh)
Phone No - 0120-6148000 Fax-0120-6148090
Email: info@sainfra.com

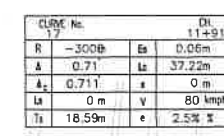
Client:
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Road, Transport & Highways, Govt. of India)

Project:
Consultancy Services for Preparation of Detailed Project Report for Development of
Corridor, Inter Corridors and Feeder Routes to Improve the Efficiency of Freight
Movement in India Under Bharatmala Panyojana (Lot-4/Package-1) DND-Faridabad-
Ballabhgarh Bypass-Junction with Delhi-Vadodra Expressway near KMP Interchange

Drawing Title:
ALIGNMENT PLAN
Plan-Km 9+250 TO KM 10+750

DRAWING NO : 131863/DPR/AP/10
DATE: AUG-2020 SCALE : Hor.-1:2000
DESIGNED (A) DRAWN (B) CHECKED (C) APPROVED (D)
Vijay Gupta Ashish Shantanu C.K Bafno

Paper Size A3





 Title : DRAWN
 ALIGNMENT PLAN DATE
 lan-Km 10+750 TO KM 13+250 DESIGN

				Consultant:  S.A. Infrastructure Consultants Pvt. Ltd. 1101A, 11 Floor Tower A-B, Arsal Corporate Park, Plot No. 7A/1, Sector 142, Noida-201301 (Uttar Pradesh) Phone No- 0120-6148095 Fax-0120-6148090 Email: info@saicons.com				Client :  NATIONAL HIGHWAYS AUTHORITY OF INDIA (Ministry of Road, Transport & Highways, Govt. of India)				Project: Consultancy Services for Preparation of Detailed Project Report for Development of Corridor, Inter Corridors and Feeder Routes to Improve the Efficiency of Freight Movement in India Under Bharatmala Pariyojana (Lot-4/Package-1) DND-Fandahad-Ballabgarh Bypass-Junction with Delhi-Vadodra Expressway near KMP Interchange				Drawing Title : ALIGNMENT PLAN Plan-Km 10+750 TO KM 12+500				Drawing NO : 131B93/DFR/NR/11 DATE : April-2019 SCALE : Hor.-1:2000 <table><tr><td>DESIGNED (A)</td><td>DRAWN (B)</td><td>CHECKED (C)</td><td>APPROVED (D)</td></tr><tr><td>Vikas Gupta</td><td>Sudhir</td><td></td><td>C.K.Bafna</td></tr></table>				DESIGNED (A)	DRAWN (B)	CHECKED (C)	APPROVED (D)	Vikas Gupta	Sudhir		C.K.Bafna	Paper Size A3
DESIGNED (A)	DRAWN (B)	CHECKED (C)	APPROVED (D)																													
Vikas Gupta	Sudhir		C.K.Bafna																													
<table><tr><td>REV</td><td>DATE</td><td>DESCRIPTION OF REVISIONS</td><td>INITIALS</td></tr><tr><td>A</td><td>B</td><td>C</td><td>D</td></tr></table>				REV	DATE	DESCRIPTION OF REVISIONS	INITIALS	A	B	C	D																					
REV	DATE	DESCRIPTION OF REVISIONS	INITIALS																													
A	B	C	D																													

