

PROPOSED G.L.

500 1500 500 500

16000

12000

CARRIAGEWAY

500 500

PEDESTRIAN RAILING

FOOTPATH

CRASH BARRIER

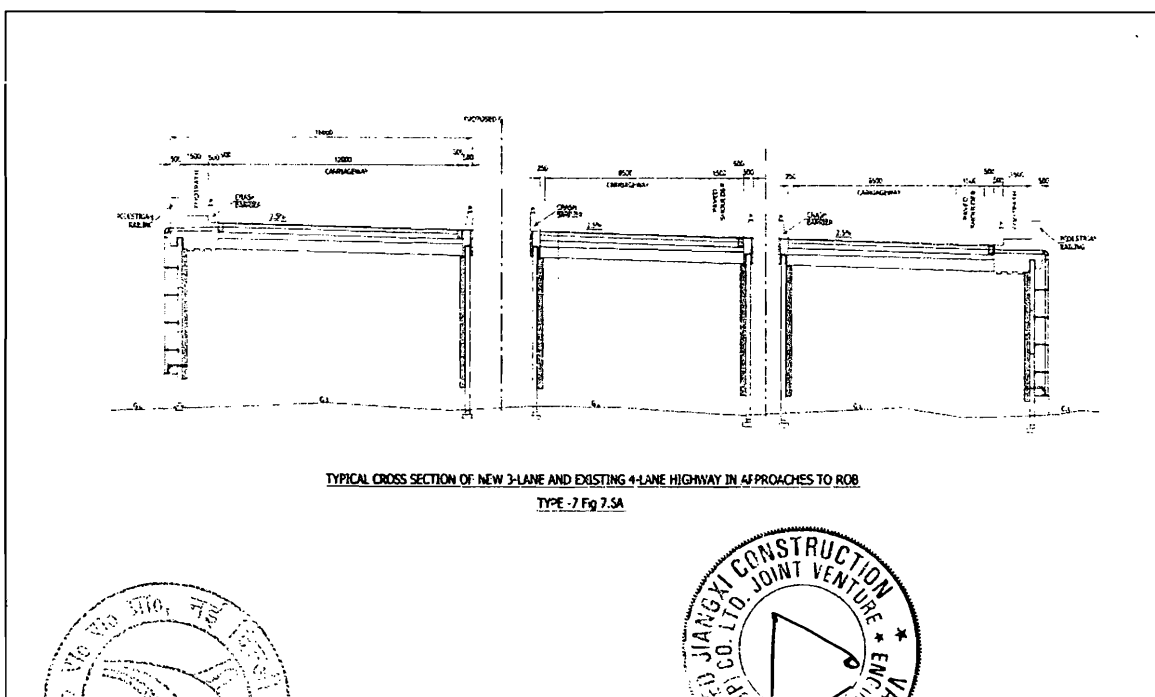
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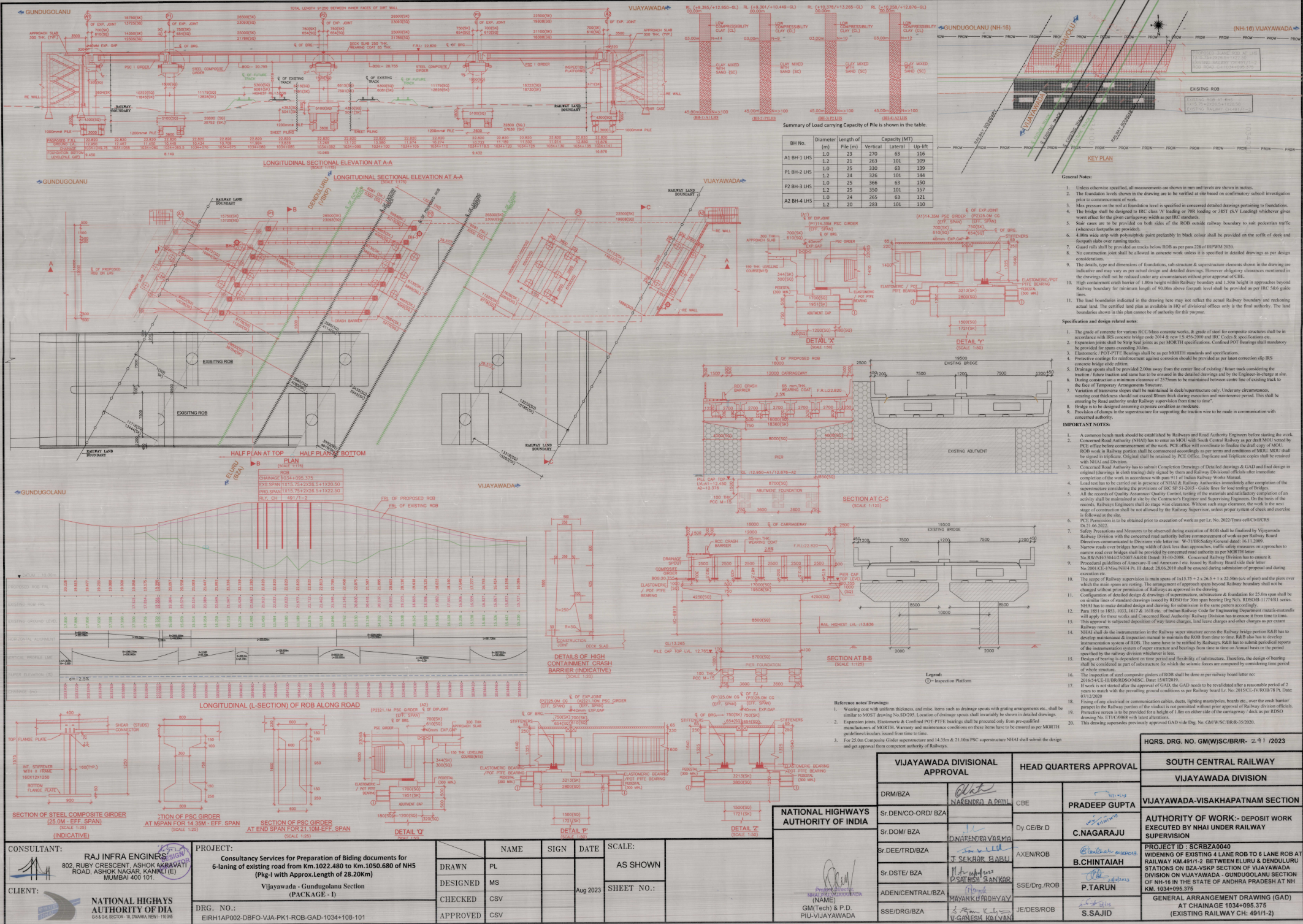
G.L.

G.L.

NEW 3 LANE BRIDGE WITH ONE SIDE FOOTPATH

TYPE -4 (Fig 7.6)





CONSULTANT: RAJ INFRA ENGINEERS
802, RUBY CRESCENT, ASHOK ARAVATI
ROAD, ASHOK NAGAR, KANKE (E)
MUMBAI 400 101

CLIENT: NATIONAL HIGHWAYS
AUTHORITY OF INDIA
G-14 GATEWAY-10, DAWA, NEW-110006

PROJECT: Consultancy Services for Preparation of Bidding documents for
6-laning of existing road from Km.1022.480 to Km.1050.680 of NH5
(Pkg-I with Approx.Length of 28.20Km)

DRG. NO.: EIRH/AP002-DBFO-VJA-PK1-ROB-GAD-1034+108-101

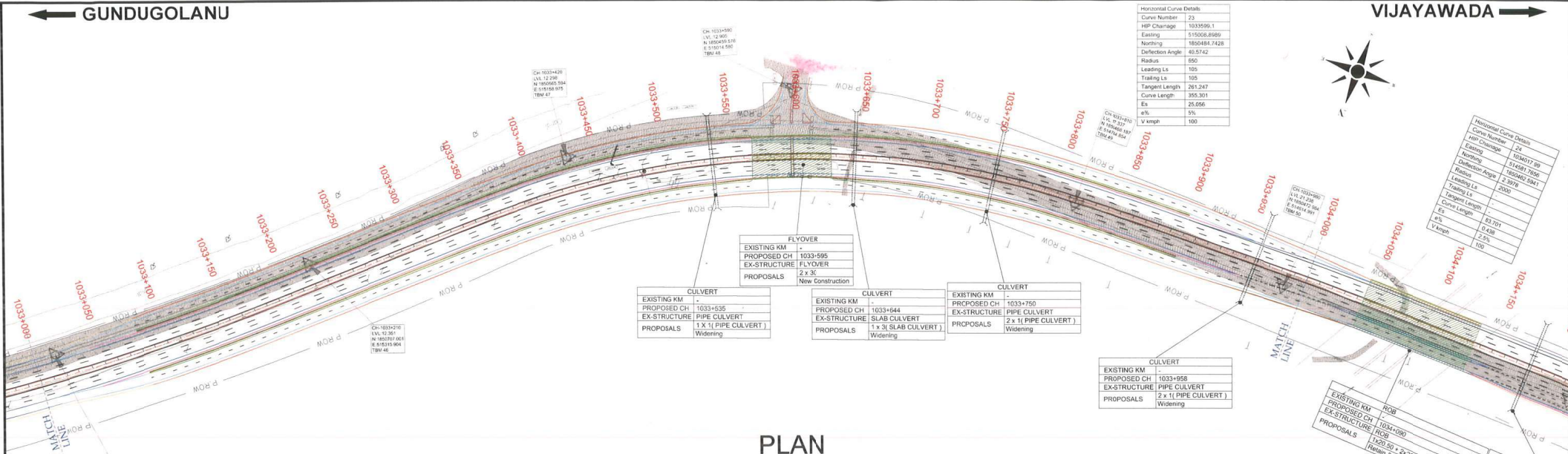
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PL	AS SHOWN		
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CSV			
CSV			

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DESIGNED: MS
CHECKED: CSV
APPROVED: CSV

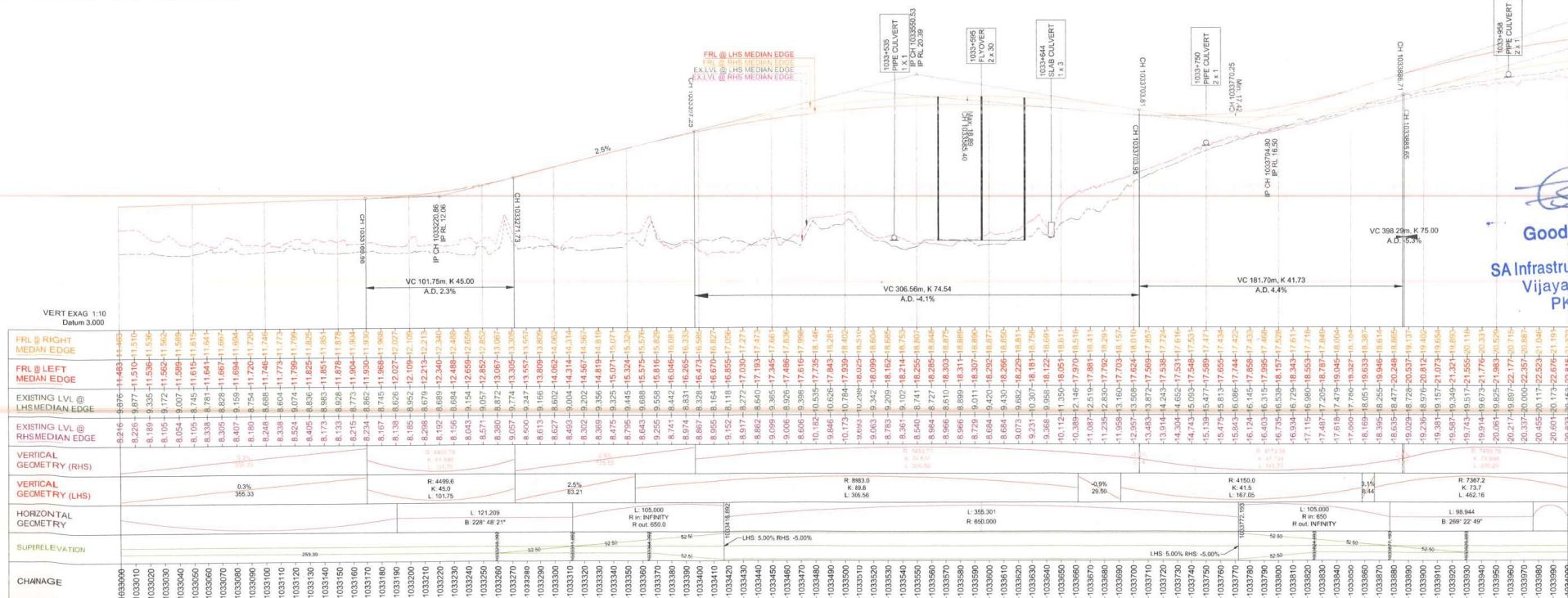
Aug 2023

SHEET NO.:

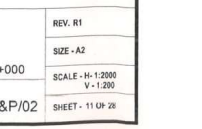
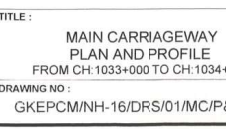
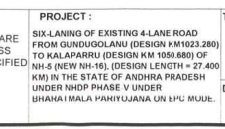
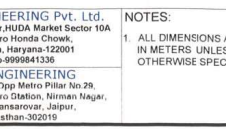
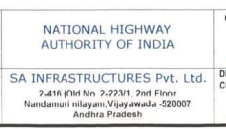
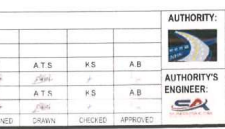
VIJAYAWADA DIVISIONAL APPROVAL		HEAD QUARTERS APPROVAL		SOUTH CENTRAL RAILWAY VIJAYAWADA DIVISION	
DRM/BZA	NARENDRA A DATTI	CBE	PRADEEP GUPTA	VIJAYAWADA-VISAKHAPATNAM SECTION	
Sr.DEN/CO-ORD/BZA		Dy.CE/Br.D	C.NAGARAJU	AUTHORITY OF WORK- DEPOSIT WORK EXECUTED BY NHA UNDER RAILWAY SUPERVISION	
Sr.DEE/TRD/BZA	DANANAYAKA	AXEN/ROB	B.CHINTAIAH	PROJECT ID: SCRBZA0040	
Sr.DSTE/BZA	J. SEKHAR BABU	SSE/Drg./ROB	P.TARUN	WIDENING OF EXISTING 4 LANE ROB TO 6 LANE ROB AT RAILWAY KM.4911-2 BETWEEN GUNDUGOLANU & DENDULURU STATIONS ON BZA-VSKP SECTION OF VIJAYAWADA DIVISION ON VIJAYAWADA - GUNDUGOLANU SECTION OF NH-16 IN THE STATE OF ANDHRA PRADESH AT NH KM. 1024+095.375	
ADEN/CENTRAL/BZA	MAHAKANTH RAO	JE/DES/ROB	S.SAJID	GENERAL ARRANGEMENT DRAWING (GAD) AT CHAINAGE 1034+095.375 (EXISTING RAILWAY C/S 4911+2)	
SSE/DRG/BZA	V. SURESH K. V. V.				

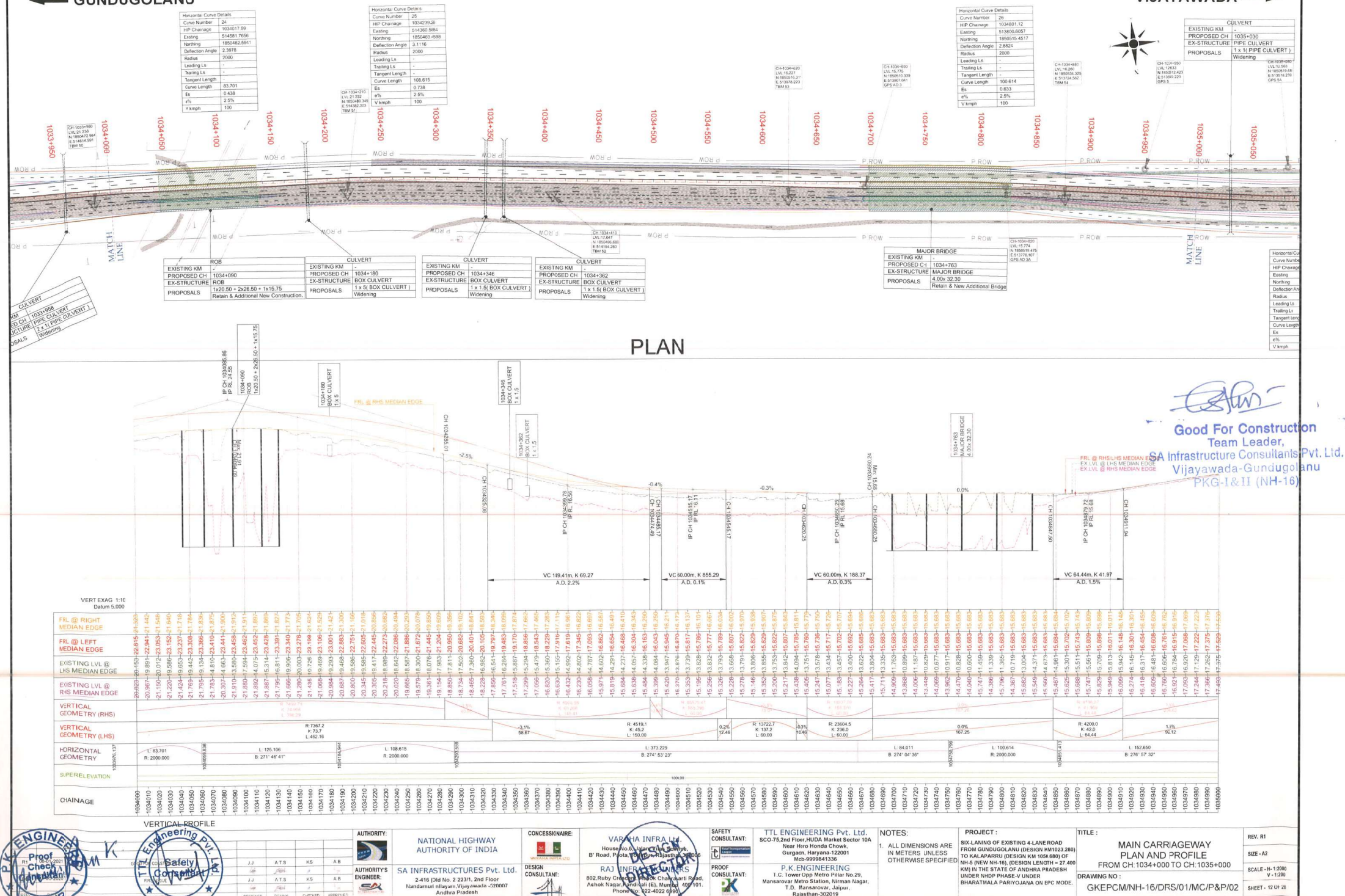


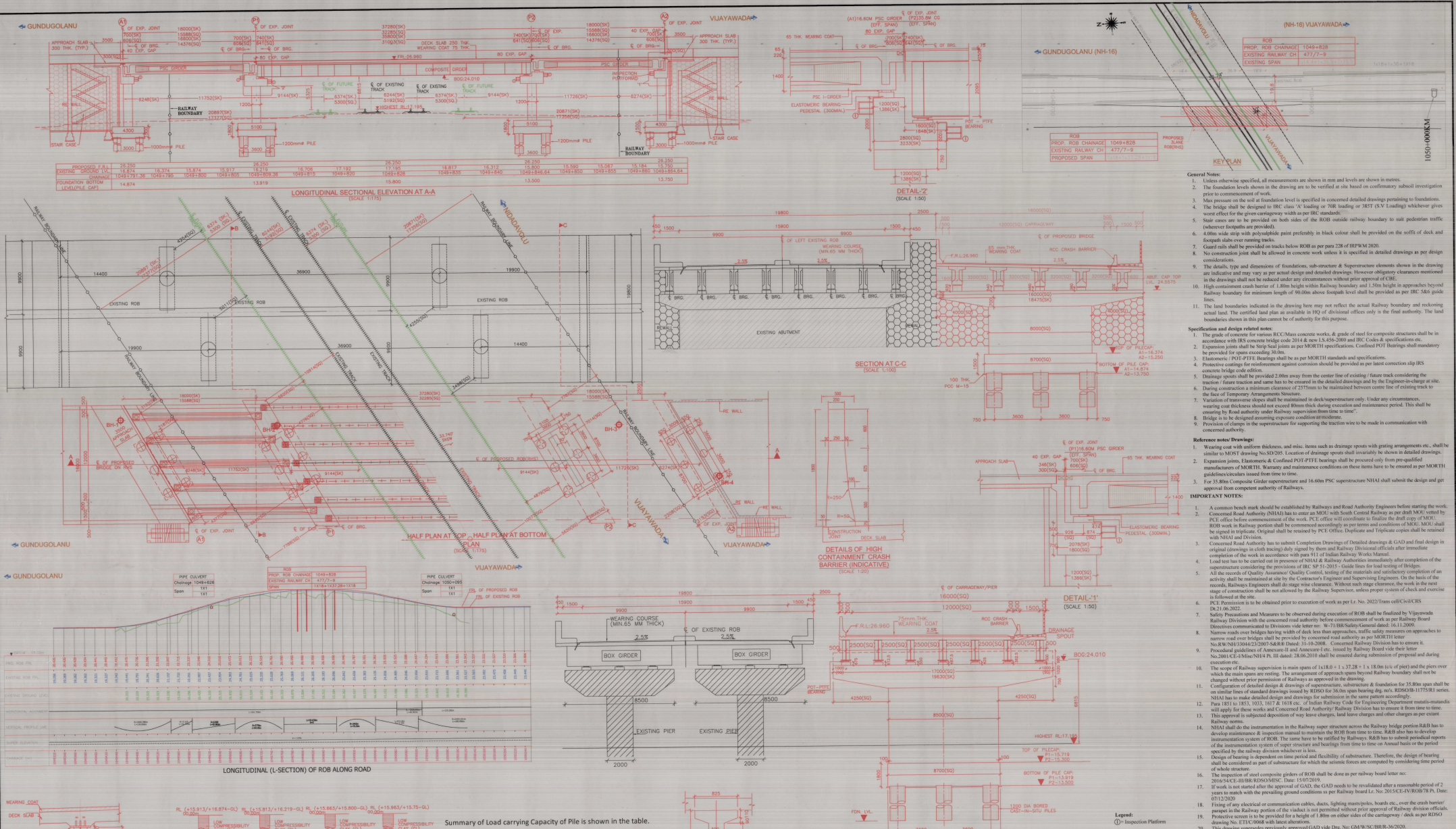
PLAN



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Team Leader,
SA Infrastructure Consultants Pvt. Ltd.
Vijayawada-Gundugolanu
PKG-I & II (NH-16)







Summary of Load carrying Capacity of Pile is shown in the table.

BH No.	Diameter (m)	Length of Pile (m)	Capacity (MT)	Vertical	Lateral	Up-lift
A1 BH-1 LHS	1.0	22	336	63	139	
	1.2	15	329	101	98	
P1 BH-2 LHS	1.0	25	365	63	163	
	1.2	17	381	101	117	
P2 BH-3 LHS	1.0	25	381	63	172	
	1.2	18	383	101	142	
A2 BH-4 LHS	1.0	22	334	63	135	
	1.2	15	306	101	87	

CONSULTANT: RAJ INFRA ENGINEERS
802, RUBY CRESCENT, ASHOK CHAKRAVARTI ROAD, ASHOK NAGAR, KANDIVALI(E), MUMBAI 400 101.

CLIENT: NATIONAL HIGHWAYS AUTHORITY OF INDIA
G-6 & G-7, SECTOR-10, DWARKA, NEW DELHI-110 045

PROJECT: Consultancy Services for Preparation of Bidding documents for 6-laning of existing road from Km. 1022.480 to Km. 1050.680 of NH5 (Pkg-I with Approx.Length of 28.20km)

Vijayawada - Gundugolanu Section (PACKAGE - I)

DRG. NO.: EIR/HPA002-DBFO-VJA-PK1-ROB-GAD-1049+828-101

	NAME	SIGN	DATE	SCALE:
DRAWN	PL		Aug 2023	AS SHOWN
DESIGNED	MS			SHEET NO.:
CHECKED	CSV			
APPROVED	CSV			

NATIONAL HIGHWAYS AUTHORITY OF INDIA

(NAME)
GM(Tech) & P.D.
PIU-VIJAYAWADA

VIJAYAWADA DIVISIONAL APPROVAL

DRM/BZA
Sr.DEN/CO-ORD/BZA
Sr.DOM/BZA
Sr.DEE/TRD/BZA
Sr.DSTE/BZA
ADEN/CENTRAL/BZA
SSE/DRG/BZA

HEAD QUARTERS APPROVAL

CBE
Dy.CE/B/D
AXEN/ROB
SSE/Drg./ROB
JE/DES/ROB

HQ DRG NO: GM/WSC/BRR-2-11-12023

SOUTH CENTRAL RAILWAY
VIJAYAWADA DIVISION

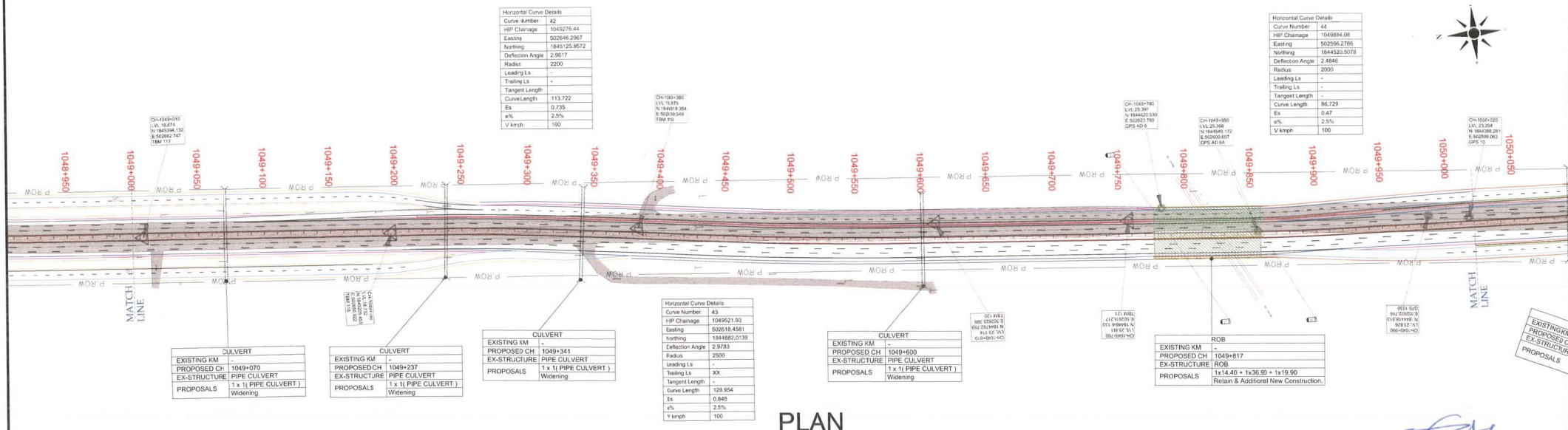
VIJAYAWADA-VISAKHAPATNAM SECTION

AUTHORITY OF WORK:- DEPOSIT WORK EXECUTED BY NHAI UNDER RAILWAY SUPERVISION

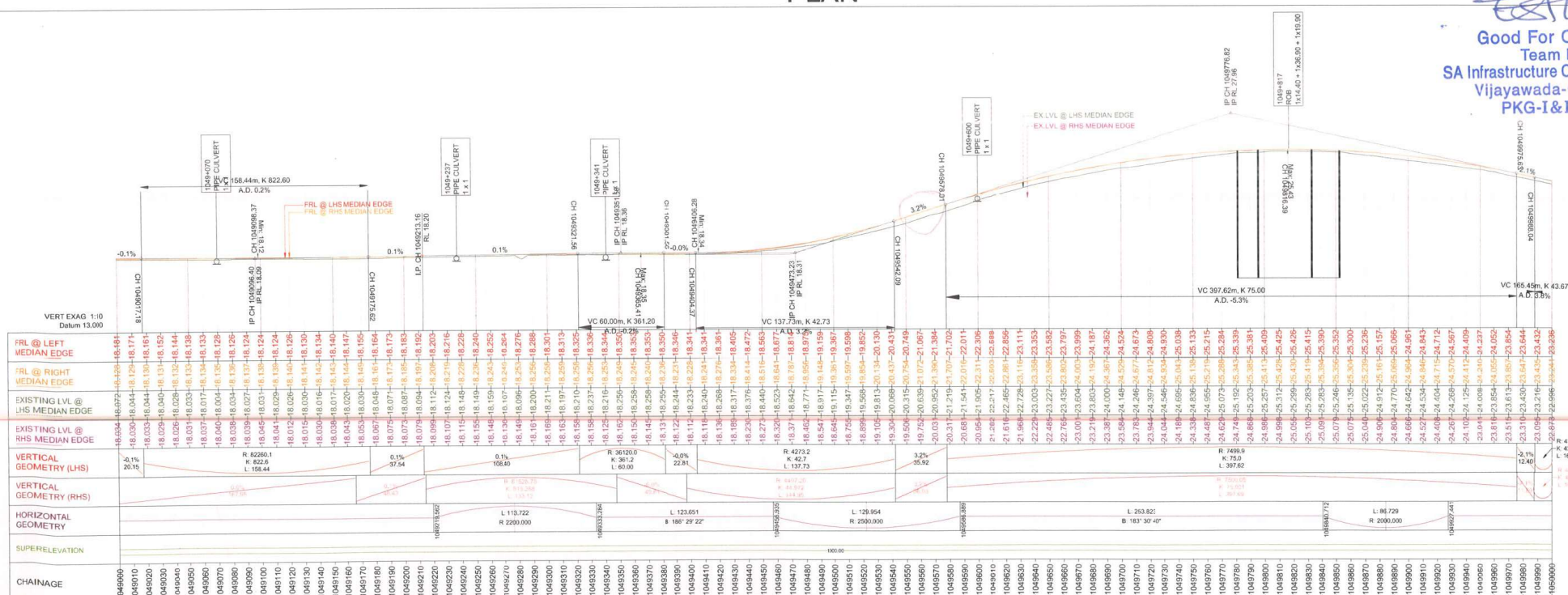
PROJECT ID: SCRB2A0041
WIDENING OF EXISTING 4 LANE ROB TO 6 LANE ROB AT RLY KM. 4777.9 OF SPAN 1 X 18.0m PSC + 1 X 37.28m COMPOSITE + 1 X 18.0m PSC BETWEEN NUZVIDU - VATLURU STATIONS ON BZA - VSKP SECTION OF BZA DIVISION OF NH-16 AT CHAINAGE 1049.828 IN STATE OF A.P

GENERAL ARRANGEMENT DRAWING (GAD) FOR NEW 3 LANE ROB ON RHS AT CHAINAGE 1049+828 (EXISTING RAILWAY CH-4777.9)

SCALE: AS SHOWN SIZE: A0 DATE: 02-09-2023



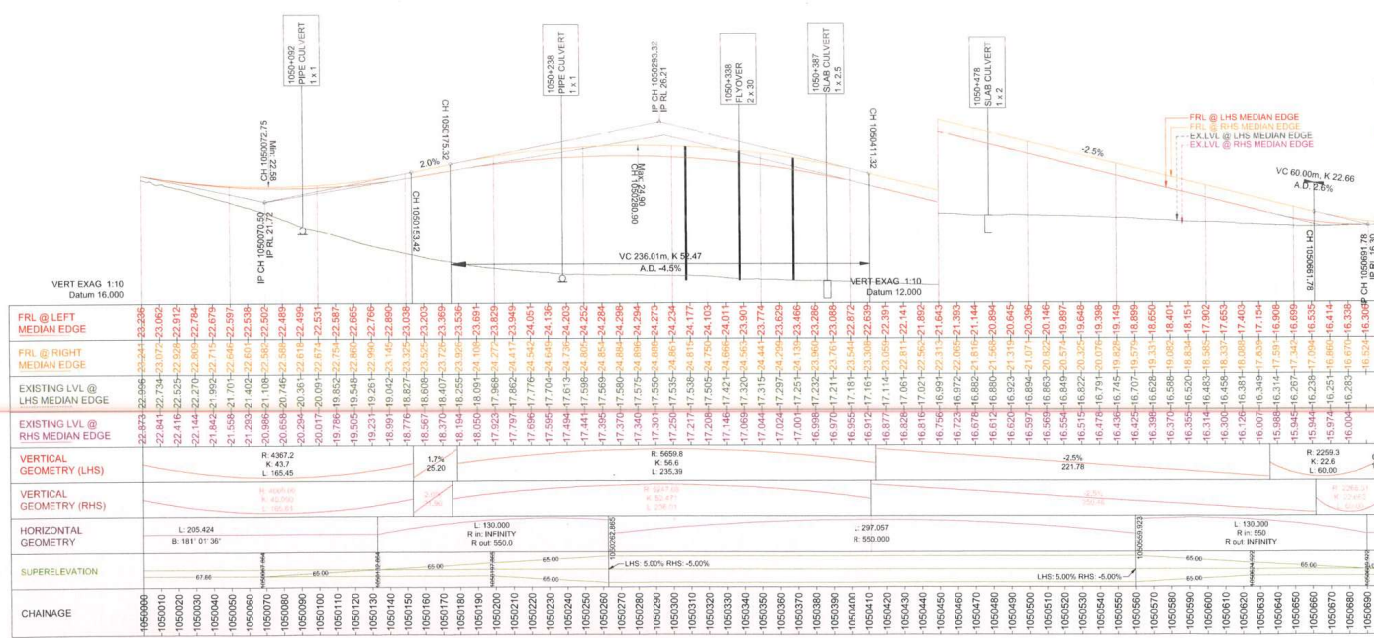
PLAN



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Team Leader,
SA Infrastructure Consultants Pvt. Ltd.
Vijayawada-Gundugolanu
PKG-I&II (NH-16)



PLAN



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Vijayawada-Gundugolanu
PKG-I&II (NH-16)