



Consultancy Services for the Preparation of Feasibility Study and DPR for 2 lane with Paved Shoulder of newly declared NH-208 Chainage From Km 49+200 to Km 63+700 for execution on EPC Mode in the State of Tripura

Final Detailed Project Report Package - III (Jurichhara - Bamanchara Section of NH-208)

DRAWING VOLUME PART-A (ROAD PART)

Submitted To
**National Highways & Infrastructure
Development Corporation Ltd, New Delhi**



Consultant
C. E. Testing Company Pvt. Ltd.
124-A, NSC Bose Road, Kolkata 700092



PLAN & PROFILE

LEGEND :-

PROPOSED CENTRE LINE

PROPOSED CARRIAGEWAY LINE

PROPOSED PAVED SHOULDER LINE

PROPOSED EARTHEN SHOULDER LINE

EXISTING CARRIAGEWAY

PROPOSED RIGHT OF WAY

DESIGN CHAINAGE:-

Survey Ch

0+000

0+000

0+000

0+000

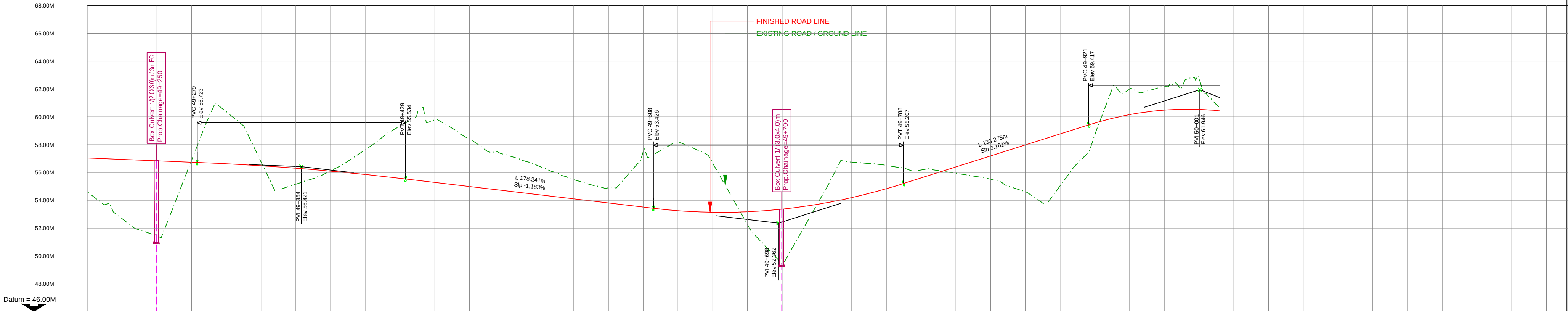
END OF PACKAGE:-II
CHAINAGE:-49+200 KM

START OF PACKAGE:-III
CHAINAGE:-49+200 KM

Structure No. - 50/1
Type - Box Culvert
Span - 1/2.0X3.0m / 3m EC
Design Ch - 49+250
Imp. Prop - New Construction

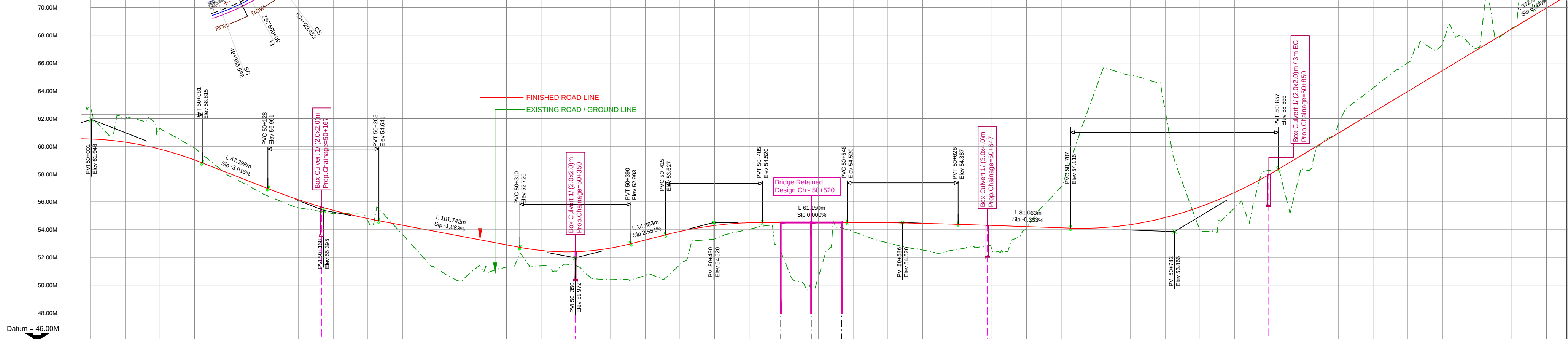
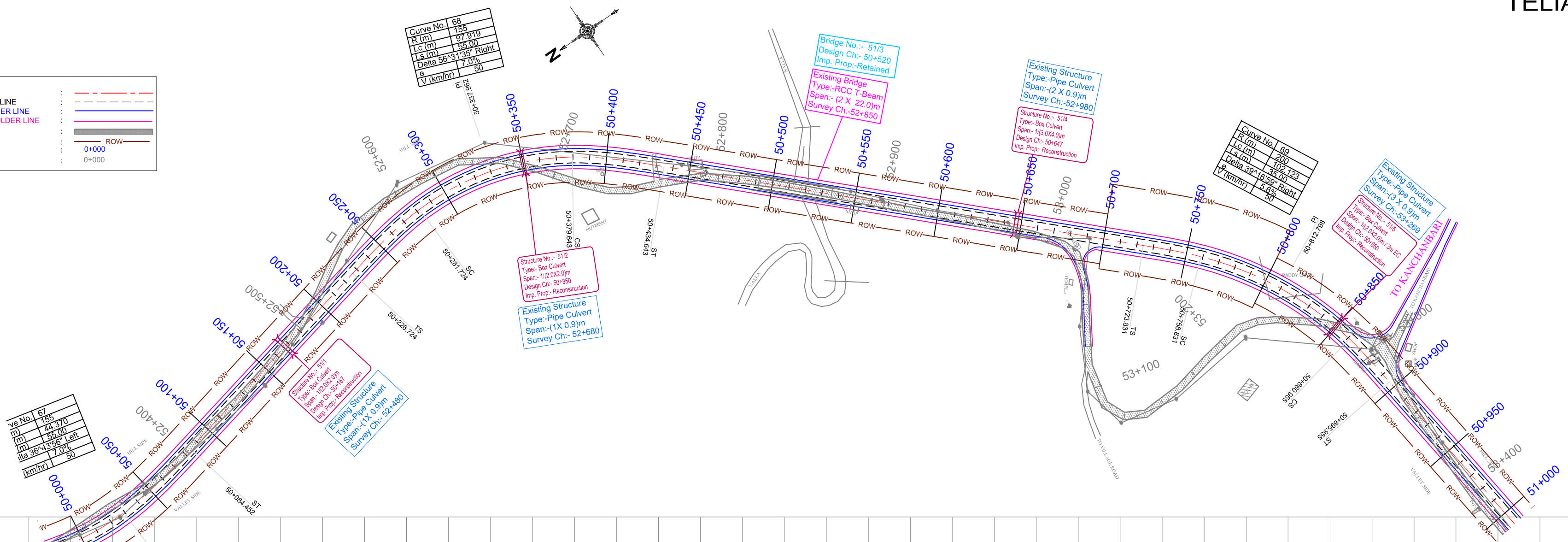
Structure No. - 50/2
Type - Box Culvert
Span - 1/3.0X4.0m
Design Ch - 49+700
Imp. Prop - New Construction

Curve No.	67
R (m)	155
Lc (m)	44.370
Ls (m)	55.000
Delta	36°43'58" Left
e	1.0%
V (km/hr)	50



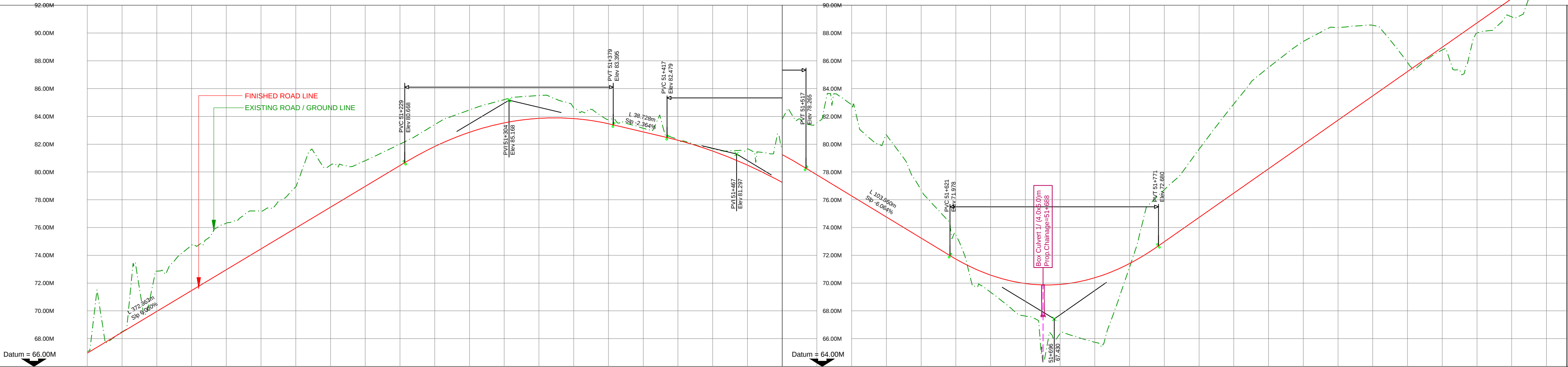
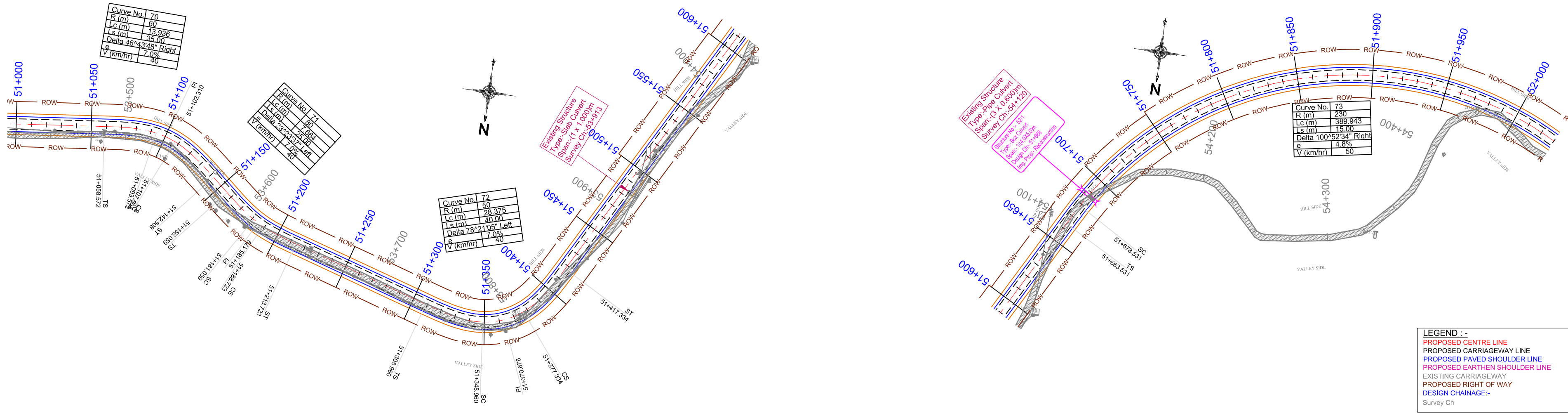
FINISHED ROAD LEVEL ALONG THE PROPOSED CL.	57.042	56.941	56.841	56.740	56.629	56.485	56.309	56.100	55.859	55.585	55.290	54.994	54.699	54.403	54.107	53.812	53.516	53.257	53.142	53.177	53.363	53.700	54.188	54.827	55.598	56.388	57.179	57.969	58.759	59.546	60.152	60.481	60.534
EXISTING GROUND LEVEL ALONG THE PROPOSED CL.	54.626	52.705	51.469	56.788	60.388	56.833	55.148	56.099	57.604	59.319	59.752	58.424	57.305	56.471	55.469	54.904	57.381	58.235	56.722	52.321	49.477	53.632	56.749	56.513	56.178	55.948	55.517	54.621	54.996	58.633	61.969	62.176	62.889
HORIZONTAL ALIGNMENT	L 55.00 A 92.33 R 155.00																																
VERTICAL ALIGNMENT	L150.000 L1 75.000 L2 75.000 L178.228 Sip -1.183% L180.000 L1 90.000 L2 90.000 L133.208 Sip 3.161% L160.000 L1 80.000 L2 80.000																																
SUPERELEVATION (e %)	49+880.4 e 1.5% 49+930.7 e 2.0% 49+955.1 e 2.7%																																
CHAINAGE (KM)	49+200	49+225	49+250	49+275	49+300	49+325	49+350	49+375	49+400	49+425	49+450	49+475	49+500	49+525	49+550	49+575	49+600	49+625	49+650	49+675	49+700	49+725	49+750	49+775	49+800	49+825	49+850	49+875	49+900	49+925	49+950	49+975	50+000

R2	Dec 2017	Introducing Innovative Pavement			SCALE: HOR - 1:2000 VER - 1:200	CLIENT: Public Works Department Government of Tripura	National Highways & Infrastructure Development Corporation Ltd.	PLAN & PROFILE Km 49+200 to Km 50+000	CONSULTANT : CE TEST Engineering Consultants An ISO 9001, 14001 & OHSAS 18001 Certified Company	CE TESTING COMPANY PVT. LTD. 124-A, N.S.C. Bose Road Kolkata - 700092.	Dwg. No. CET/2015/3580/NH-208/FDPR/PP			
R1	June 2017	Package Wise Division with Conventional Pavement									Revision Mkd. - R3			
R0	Jan 2017	Total Project Road with Conventional Pavement									Sheet No. - 01 of 15			
MKD.	DATE	DESCRIPTION	CHKD.	APPRD.							Drawn By.	Design By.	Checked By.	Approved By.
REVISIONS					DATE: JULY, 2019	PROJECT: Consultancy Services for Preparation of Feasibility Study and DPR for Improvement and Widening to Two Lane with 1.5 m Paved Shoulder of Newly Declared NH-208 (Length 157.70 Km) for Execution on EPC Mode in the State of Tripura under NH(O)	ROAD NAME: Kailashahar to Teliamura Section of NH-208 Package:-III (Km 49+200 to Km 63+700)				M.Acharya	S.Dey	S.Sadhu	B.Koner

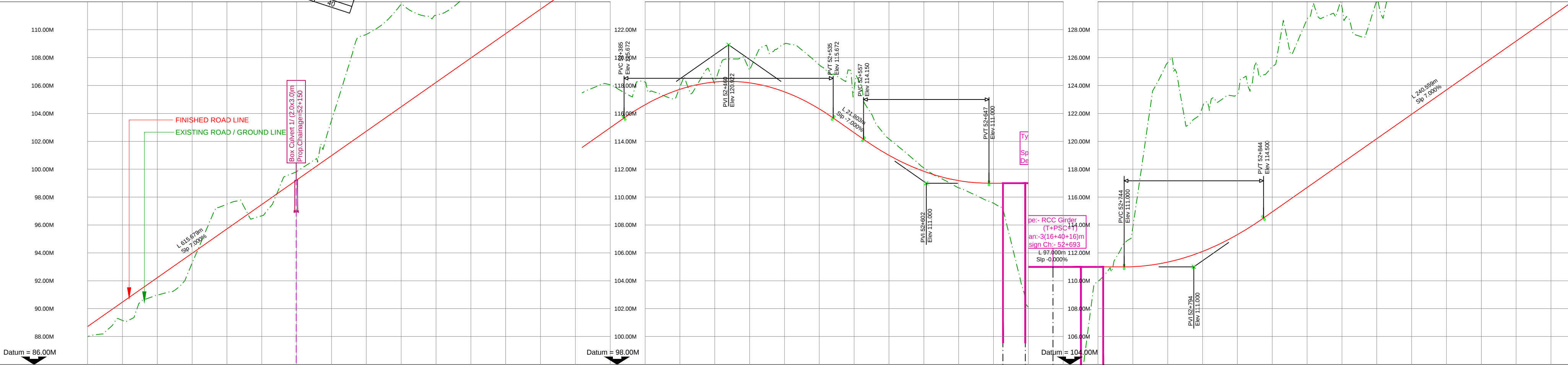
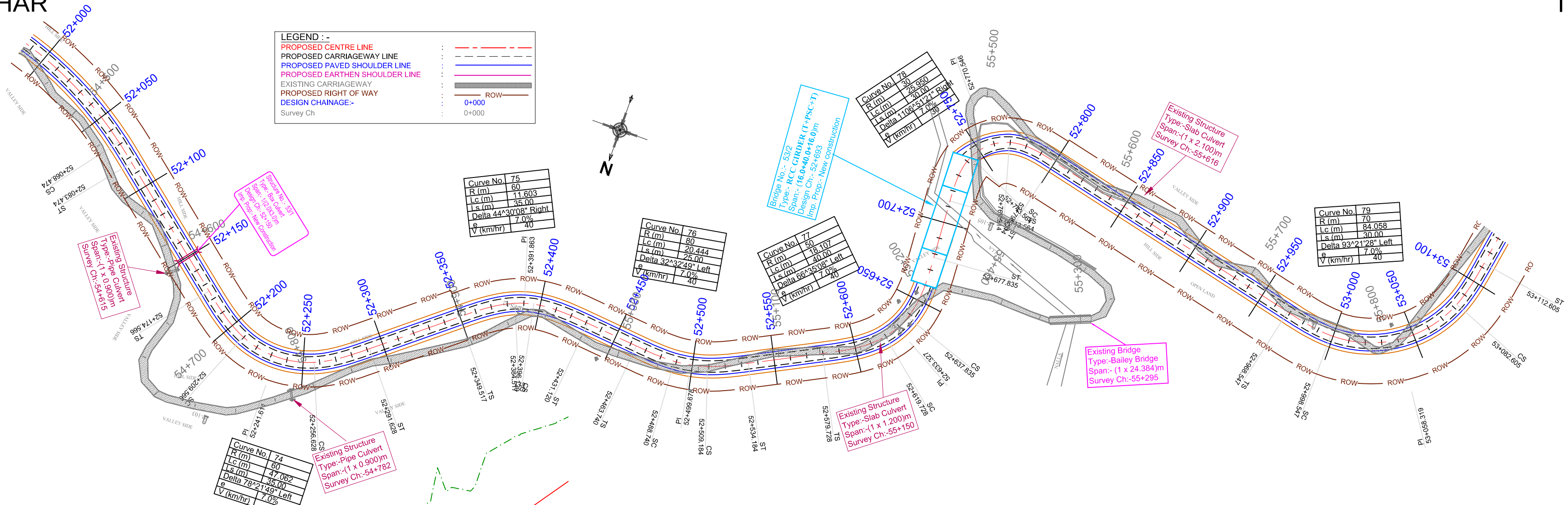


FINISHED ROAD LEVEL ALONG THE PROPOSED CL.	60.534	60.311	59.811	59.035	58.064	57.085	56.167	55.406	54.804	54.325	53.854	53.383	52.912	52.504	52.416	52.674	53.250	53.869	54.300	54.503	54.520	54.520	54.520	54.502	54.469	54.390	54.306	54.223	54.140	54.125	54.363	54.866	55.632	56.663	57.957	59.447	60.947	62.447	63.947	65.447	66.947	68.447	69.947
EXISTING GROUND LEVEL ALONG THE PROPOSED CL.	62.889	61.998	61.267	59.882	57.882	56.556	55.580	55.169	54.670	53.679	51.206	50.977	51.307	51.394	51.421	50.408	50.689	51.456	53.332	54.031	51.947	50.547	53.863	53.057	52.537	52.576	52.674	54.091	57.056	64.099	65.123	62.705	54.048	55.528	58.262	58.348	61.538	64.184	66.001	67.335	67.073	68.487	72.863
HORIZONTAL ALIGNMENT																																											
VERTICAL ALIGNMENT																																											
SUPERELEVATION (e %)																																											
CHAINAGE (KM)	50+000	50+025	50+050	50+075	50+100	50+125	50+150	50+175	50+200	50+225	50+250	50+275	50+300	50+325	50+350	50+375	50+400	50+425	50+450	50+475	50+500	50+525	50+550	50+575	50+600	50+625	50+650	50+675	50+700	50+725	50+750	50+775	50+800	50+825	50+850	50+875	50+900	50+925	50+950	50+975	51+000	51+025	51+050

R2	Dec 2017	Introducing Innovative Pavement			SCALE: HOR - 1:2000 VER - 1:200	CLIENT: Public Works Department Government of Tripura	National Highways & Infrastructure Development Corporation Ltd.	PLAN & PROFILE Km 50+000 to Km 51+000	CONSULTANT : CE TESTING COMPANY PVT. LTD. 124-A, N.S.C. Bose Road Kolkata - 700092.	Dwg. No. CET/2015/3580/NH-208/FDPR/PP			
R1	June 2017	Package Wise Division with Conventional Pavement								Revision Mkd. - R3		Sheet No. - 02 of 15	
R0	Jan 2017	Total Project Road with Conventional Pavement			DATE: JULY ,2019	PROJECT: Consultancy Services for Preparation of Feasibility Study and DPR for Improvement and Widening to Two Lane with 1.5 m Paved Shoulder of Newly Declared NH-208 (Length 157.70 Km) for Execution on EPC Mode in the State of Tripura under NH(O)	ROAD NAME: Kailashahar to Teliamura Section of NH-208 Package:-III (Km 49+200 to Km 63+700)			Drawn By.	Design By.	Checked By.	Approved By.
MKD.	DATE	DESCRIPTION	CHKD.	APPRD.						M.Acharya	S.Dey	S.Sadhu	B.Koner
REVISIONS													

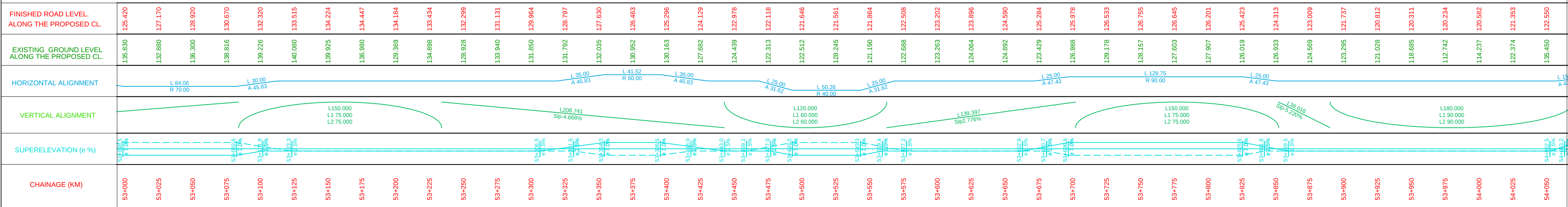


FINISHED ROAD LEVEL ALONG THE PROPOSED CL.	66.947	68.447	69.947	71.447	72.947	74.447	75.947	77.447	78.947	80.447	81.820	82.849	83.529	83.860	83.844	83.478	82.891	82.289	81.512	80.504	79.265	77.805	76.288	74.772	73.256	71.747	70.589	69.974	69.905	70.379	71.398	72.955	74.705	76.455	78.205	79.955	81.705	83.455	85.205	86.955	88.705	90.455	92.205
EXISTING GROUND LEVEL ALONG THE PROPOSED CL.	67.073	68.487	72.863	74.689	76.302	77.176	78.911	80.473	80.905	81.997	83.393	84.453	85.204	85.500	84.456	83.175	83.156	82.399	81.691	81.635	81.757	81.513	82.860	80.694	76.144	73.490	69.564	67.635	66.229	65.751	71.069	76.696	79.600	82.660	85.498	87.372	88.387	88.557	85.915	86.768	87.994	89.174	90.961
HORIZONTAL ALIGNMENT																																											
VERTICAL ALIGNMENT																																											
SUPERELEVATION (e %)																																											
CHAINAGE (KM)	51+000	51+025	51+050	51+075	51+100	51+125	51+150	51+175	51+200	51+225	51+250	51+275	51+300	51+325	51+350	51+375	51+400	51+425	51+450	51+475	51+500	51+525	51+550	51+575	51+600	51+625	51+650	51+675	51+700	51+725	51+750	51+775	51+800	51+825	51+850	51+875	51+900	51+925	51+950	51+975	52+000	52+025	52+050

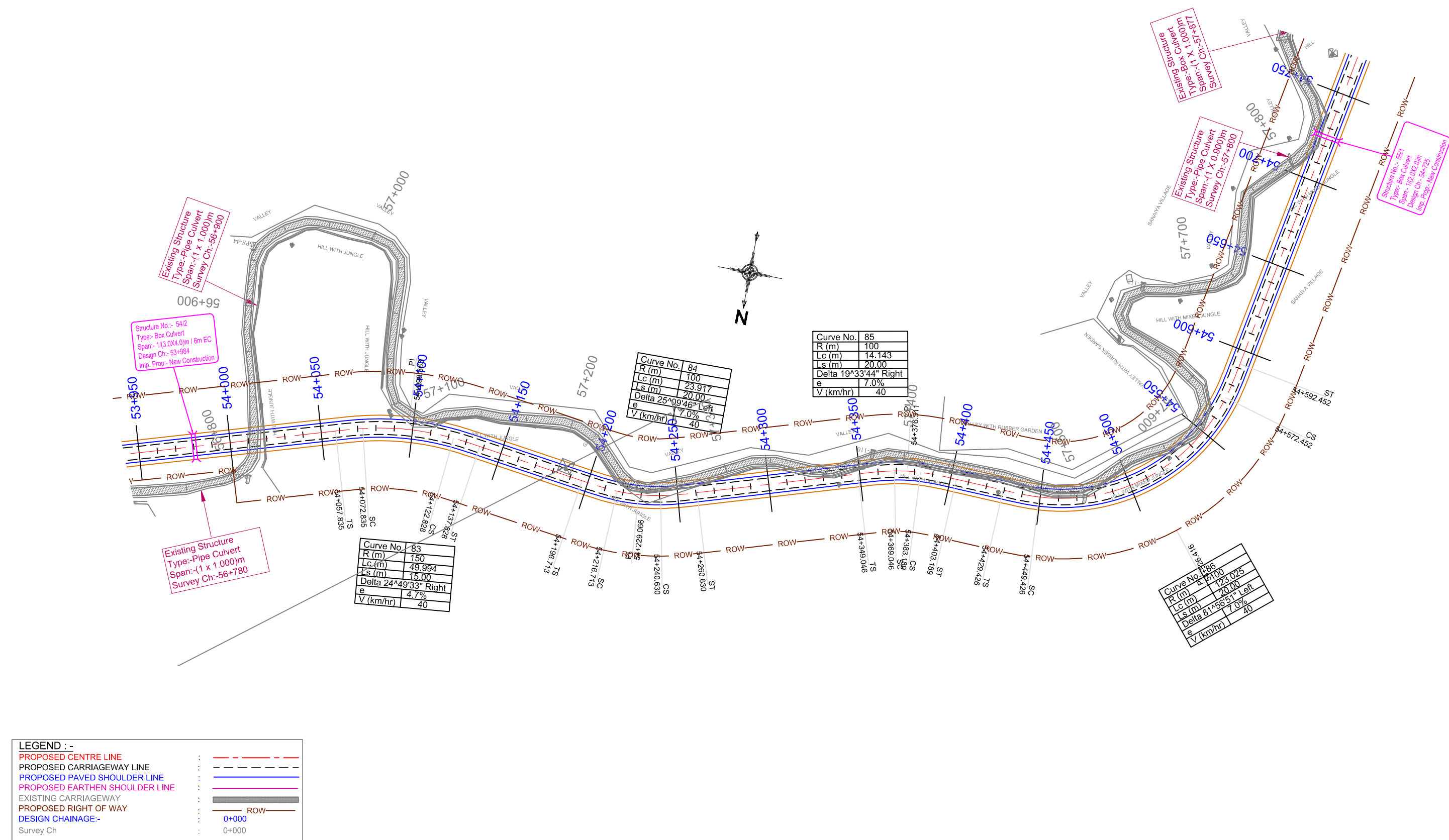


FINISHED ROAD LEVEL ALONG THE PROPOSED CL.	88.705	90.455	92.205	93.955	95.705	97.455	99.205	100.955	102.705	104.455	106.205	107.955	109.705	111.455	113.205	114.955	116.603	117.718	118.248	118.196	117.560	116.341	114.640	113.016	111.859	111.188	111.000	111.000	111.000	111.013	111.336	112.098	113.296	114.920	116.670	118.420	120.170	121.920	123.670	125.420	127.170	128.920	
EXISTING GROUND LEVEL ALONG THE PROPOSED CL.	87.994	89.174	90.961	93.187	97.483	96.653	99.613	103.394	109.653	111.803	111.031	114.256	113.811	116.353	117.238	118.065	118.262	117.805	118.169	119.135	120.975	119.508	117.557	114.191	112.111	110.681	109.582	102.133	99.756	109.936	113.700	125.600	122.399	123.362	125.307	128.705	129.715	130.041	132.976	132.956	135.630	132.880	136.300
HORIZONTAL ALIGNMENT																																											
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SUPERELEVATION (e %)																																											

R2	Dec 2017	Introducing Innovative Pavement			SCALE: HOR - 1:2000 VER - 1:200	CLIENT: Public Works Department Government of Tripura	National Highways & Infrastructure Development Corporation Ltd.	PLAN & PROFILE Km 52+000 to Km 53+000	CONSULTANT : CE TESTING COMPANY PVT. LTD. 124-A, N.S.C. Bose Road Kolkata - 700092.	Dwg. No. CET/2015/3580/NH-208/FDPR/PP			
R1	June 2017	Package Wise Division with Conventional Pavement						Revision Mkd. - R3		Sheet No. - 04 of 15			
R0	Jan 2017	Total Project Road with Conventional Pavement						Drawn By.		Design By.	Checked By.	Approved By.	
MKD.	DATE	DESCRIPTION	CHKD.	APPRD.	DATE: JULY, 2019	PROJECT: Consultancy Services for Preparation of Feasibility Study and DPR for Improvement and Widening to Two Lane with 1.5 m Paved Shoulder of Newly Declared NH-208 (Length 157.70 Km) for Execution on EPC Mode in the State of Tripura under NH(O)	ROAD NAME: Kailashahar to Teliamura Section of NH-208	Package:-III (Km 49+200 to Km 63+700)		M.Acharya	S.Dey	S.Sadhu	B.Koner
REVISIONS													



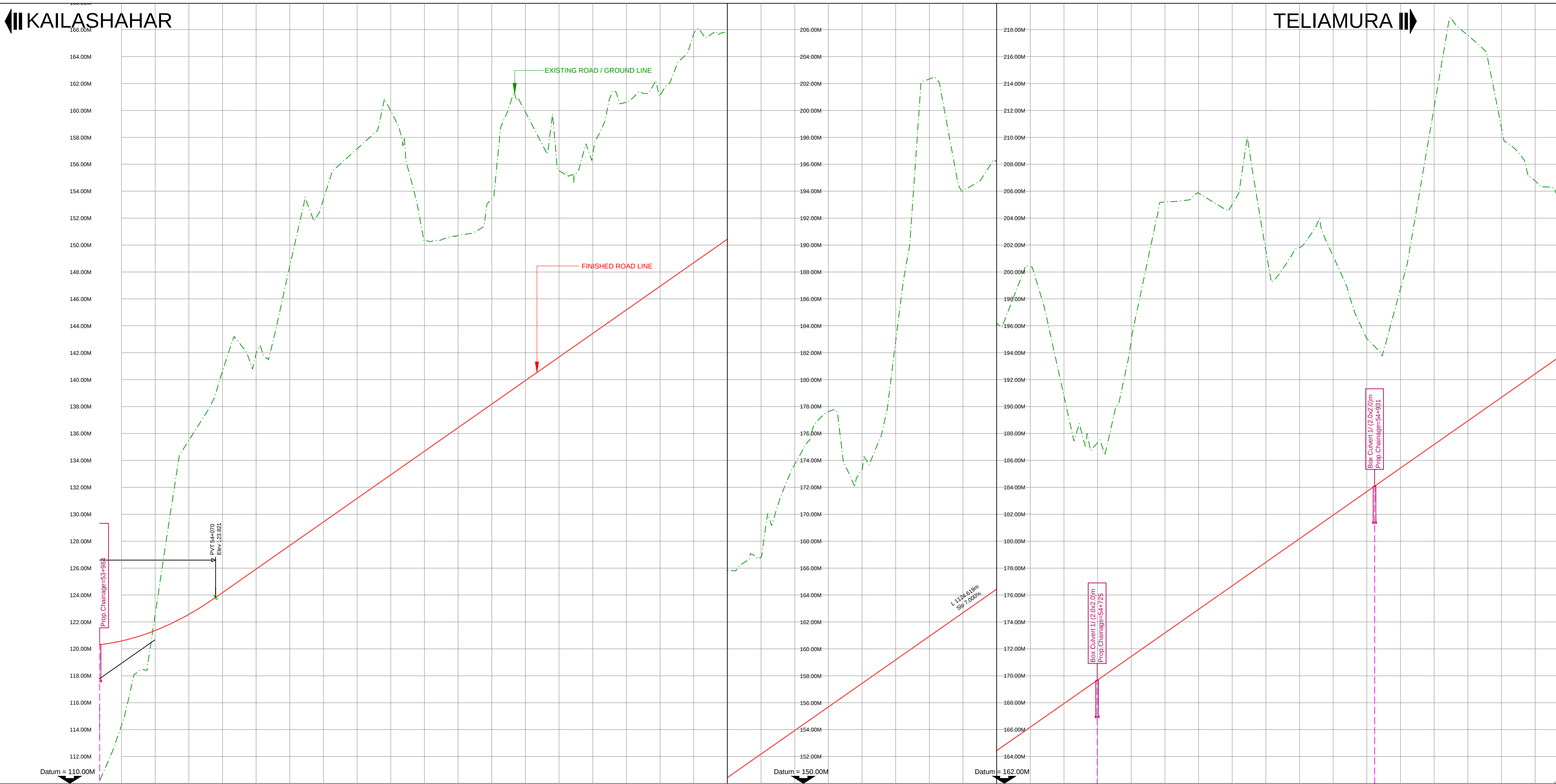
R2	Dec 2017	Introducing Innovative Pavement			SCALE: HOR - 1:2000 VER - 1:200	CLIENT: Public Works Department Government of Tripura	National Highways & Infrastructure Development Corporation Ltd.	PLAN & PROFILE Km 53+000 to Km 54+000	CONSULTANT : CETEST Engineering Consultants An ISO 9001, 14001 & OHSAS 18001 Certified Company CE TESTING COMPANY PVT. LTD. 124-A, N.S.C. Bose Road Kolkata - 700092.	Dwg. No. CET/2015/3580/NH-208/FDPR/PP			
R1	June 2017	Package Wise Division with Conventional Pavement								Revision Mkd. - R3		Sheet No. - 05 of 15	
R0	Jan 2017	Total Project Road with Conventional Pavement								Drawn By.	Design By.	Checked By.	Approved By.
MKD.	DATE	DESCRIPTION	CHKD.	APPRD.	DATE: JULY ,2019	PROJECT: Consultancy Services for Preparation of Feasibility Study and DPR for Improvement and Widening to Two Lane with 1.5 m Paved Shoulder of Newly Declared NH-208 (Length 157.70 Km) for Execution on EPC Mode in the State of Tripura under NH(O)	ROAD NAME: Kailashahar to Teliamura Section of NH-208 Package:-III (Km 49+200 to Km 63+700)			M.Acharya	S.Dey	S.Sadhu	B.Koner
REVISIONS													



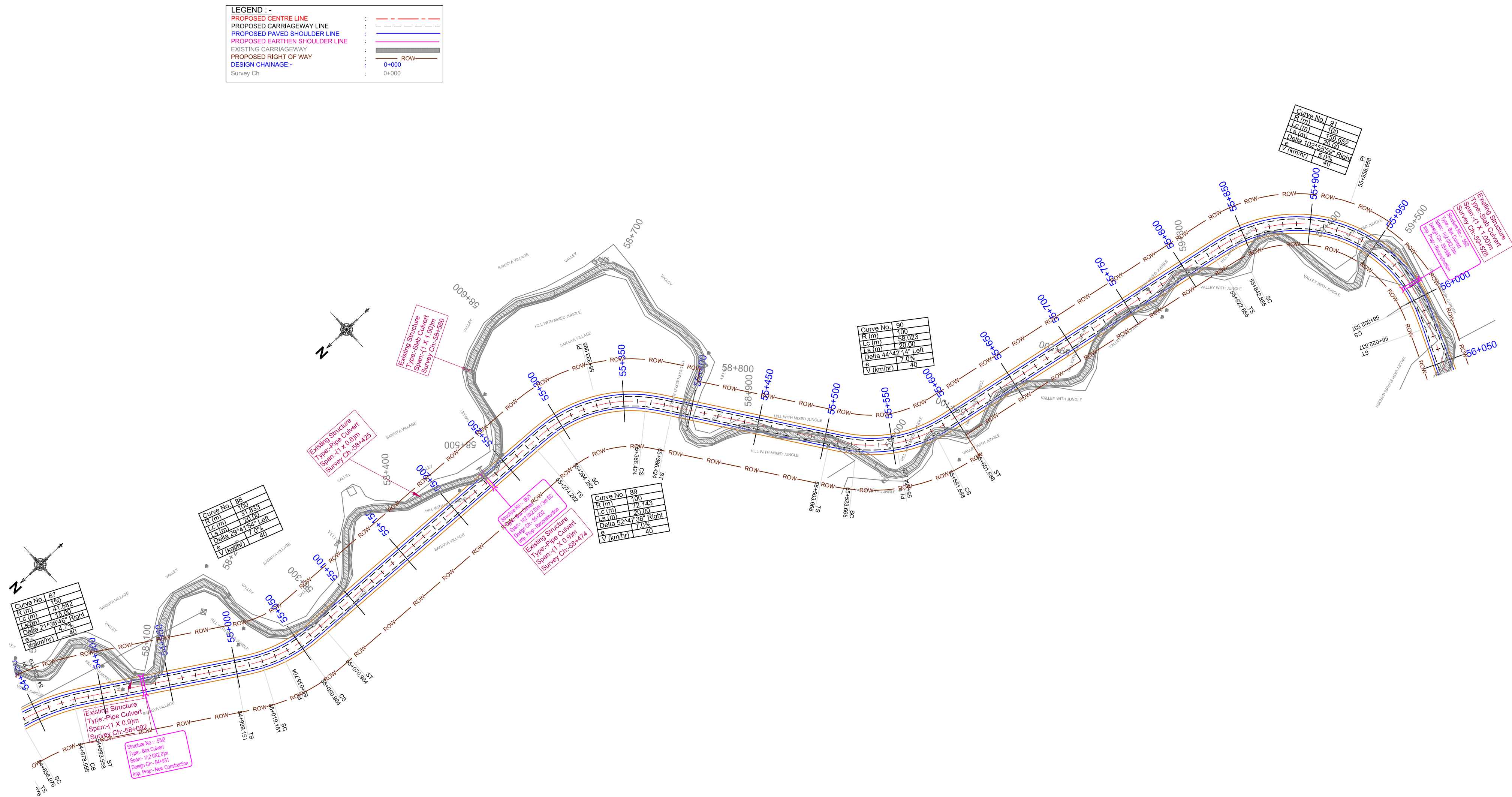
R2	Dec 2017	Introducing Innovative Pavement			SCALE: HOR - 1:2000 VER - 1:200	CLIENT: Public Works Department Government of Tripura	National Highways & Infrastructure Development Corporation Ltd.	PLAN Km 54+000 to Km 55+000	CONSULTANT : CETEST Engineering Consultants An ISO 9001, 14001 & OHSAS 18001 Certified Company CE TESTING COMPANY PVT. LTD. 124-A, N.S.C. Bose Road Kolkata - 700092.	Dwg. No. CET/2015/3580/NH-208/FDPR/PP			
R1	June 2017	Package Wise Division with Conventional Pavement								Revision Mkd. - R3		Sheet No. - 06 of 15	
R0	Jan 2017	Total Project Road with Conventional Pavement								Drawn By.	Design By.	Checked By.	Approved By.
MKD.	DATE	DESCRIPTION	CHKD.	APPRD.	DATE: JULY ,2019	PROJECT: Consultancy Services for Preparation of Feasibility Study and DPR for Improvement and Widening to Two Lane with 1.5 m Paved Shoulder of Newly Declared NH-208 (Length 157.70 Km) for Execution on EPC Mode in the State of Tripura under NH(O)	ROAD NAME: Kailashahar to Teliamura Section of NH-208 Package:-III (Km 49+200 to Km 63+700)			M.Acharya	S.Dey	S.Sadhu	B.Koner
REVISIONS													

||| KAILASHAHAR

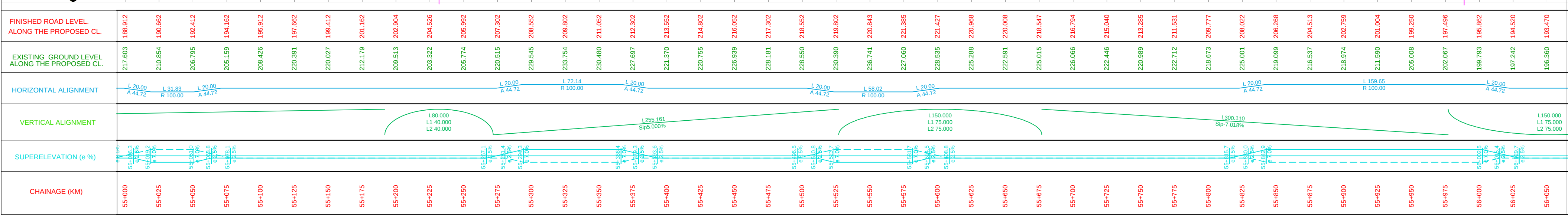
TELIAMURA |||



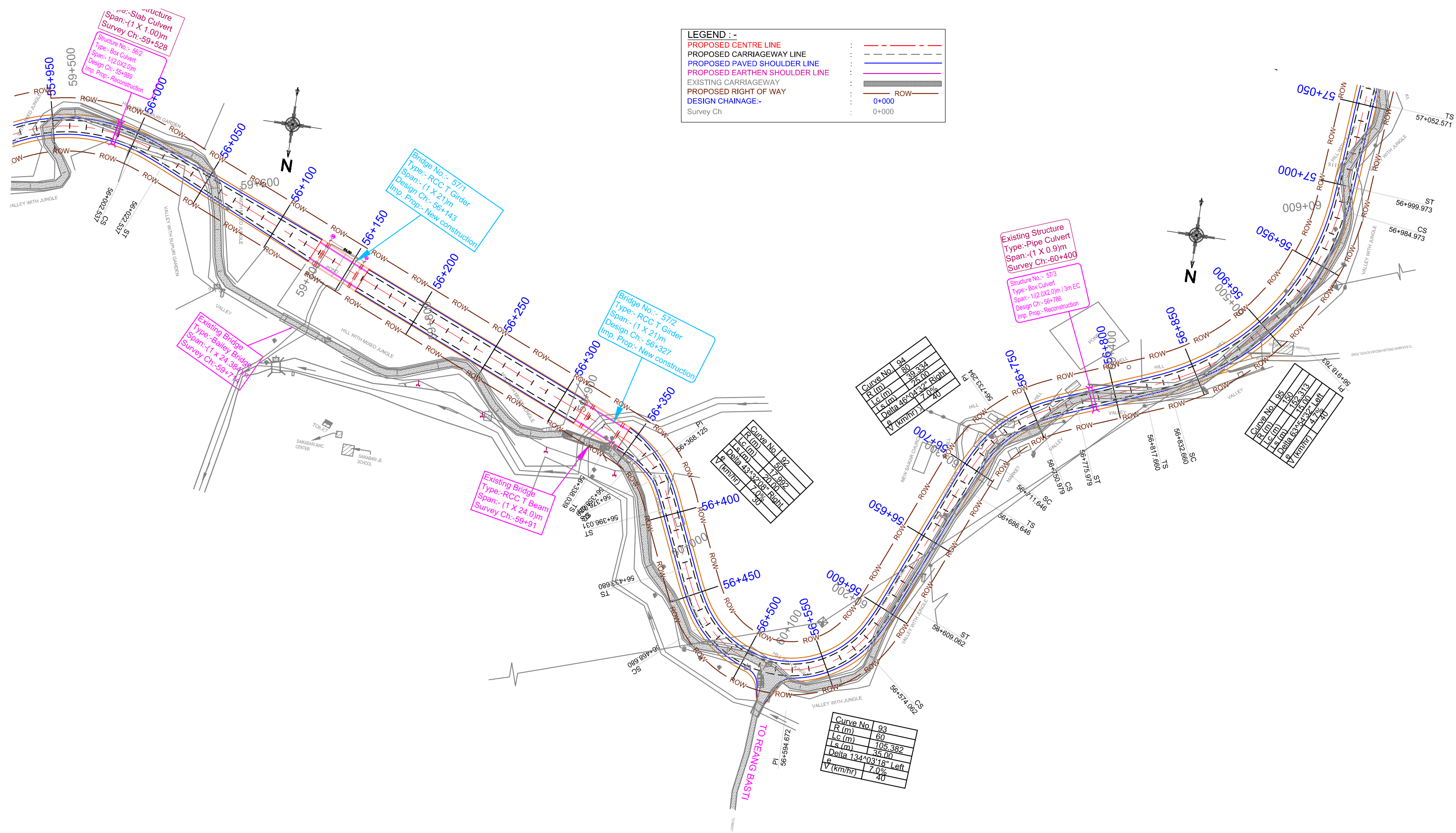
FINISHED ROAD LEVEL. ALONG THE PROPOSED CL.	120.582	121.353	122.550	124.162	125.912	127.662	129.412	131.162	132.912	134.662	136.412	138.162	139.912	141.662	143.412	145.162	146.912	148.662	150.412	152.162	153.912	155.662	157.412	159.162	160.912	162.662	164.412	166.162	167.912	169.662	171.412	173.162	174.912	176.662	178.412	180.162	181.912	183.662	185.412	187.162	188.912	190.662	192.412	
EXISTING GROUND LEVEL ALONG THE PROPOSED CL.	114.237	122.374	135.450	140.549	141.839	148.327	153.313	157.128	160.007	150.310	150.714	153.423	159.933	155.538	156.599	160.546	161.080	165.617	165.833	166.790	173.658	177.601	173.286	182.646	202.321	194.025	196.205	200.392	190.940	187.280	194.659	205.193	205.876	204.956	201.753	201.810	201.510	201.234	195.091	198.658	212.082	217.603	210.854	206.795
HORIZONTAL ALIGNMENT	L 15.00 A 47.43 L 49.99 R 150.00 L 15.00 A 47.43 L 20.00 A 44.72 L 23.92 R 100.00 L 20.00 A 44.72 L 20.00 A 44.72 L 20.00 A 44.72 L 123.03 R 100.00 L 20.00 A 44.72 L 15.00 A 47.43 L 41.58 R 150.00 L 15.00 A 47.43 L 20.00 A 44.72 L 31.83 R 100.00 L 20.00 A 44.72																																											
VERTICAL ALIGNMENT	</																																											



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R1	June 2017	Package Wise Division with Conventional Pavement								Revision Mkd. - R3		Sheet No. - 07 of 15	
R0	Jan 2017	Total Project Road with Conventional Pavement								Drawn By.	Design By.	Checked By.	Approved By.
MKD.	DATE	DESCRIPTION	CHKD.	APPRD.	DATE: JULY ,2019	PROJECT: Consultancy Services for Preparation of Feasibility Study and DPR for Improvement and Widening to Two Lane with 1.5 m Paved Shoulder of Newly Declared NH-208 (Length 157.70 Km) for Execution on EPC Mode in the State of Tripura under NH(O)			ROAD NAME: Kailashahar to Teliamura Section of NH-208				
REVISIONS						Package:-III (Km 49+200 to Km 63+700)			M.Acharya				
									S.Dey				
									S.Sadhu				
									B.Koner				



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R1	June 2017	Package Wise Division with Conventional Pavement								Revision Mkd. - R3		Sheet No. - 07A of 15	
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MKD.	DATE	DESCRIPTION	CHKD.	APPRD.	DATE: JULY ,2019	PROJECT: Consultancy Services for Preparation of Feasibility Study and DPR for Improvement and Widening to Two Lane with 1.5 m Paved Shoulder of Newly Declared NH-208 (Length 157.70 Km) for Execution on EPC Mode in the State of Tripura under NH(O)							
REVISIONS													
						ROAD NAME: Kailashahar to Teliamura Section of NH-208 Package:-III (Km 49+200 to Km 63+700)							
							M.Acharya	S.Dey	S.Sadhu	B.Koner			



					SCALE: HOR - 1:2000 VER - 1:200	CLIENT: Public Works Department Government of Tripura	National Highways & Infrastructure Development Corporation Ltd.	PLAN & PROFILE Km 56+000 to Km 57+000		CONSULTANT : CE TESTING COMPANY PVT. LTD. 124-A, N.S.C. Bose Road Kolkata - 700092.	Dwg. No. CET/2015/3580/NH-208/FDPR/PP					
								Revision Mkd. - R0			Sheet No. - 08 of 15					
					DATE: JUNE ,2017	PROJECT: Consultancy Services for Preparation of Feasibility Study and DPR for Improvement and Widening to Two Lane with 1.5 m Paved Shoulder of Newly Declared NH-208 (Length 157.70 Km) for Execution on EPC Mode in the State of Tripura under NH(O)	ROAD NAME: Kailashahar to Teliamura Section of NH-208 Package:-III (Km 49+200 to Km 63+700)									
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