

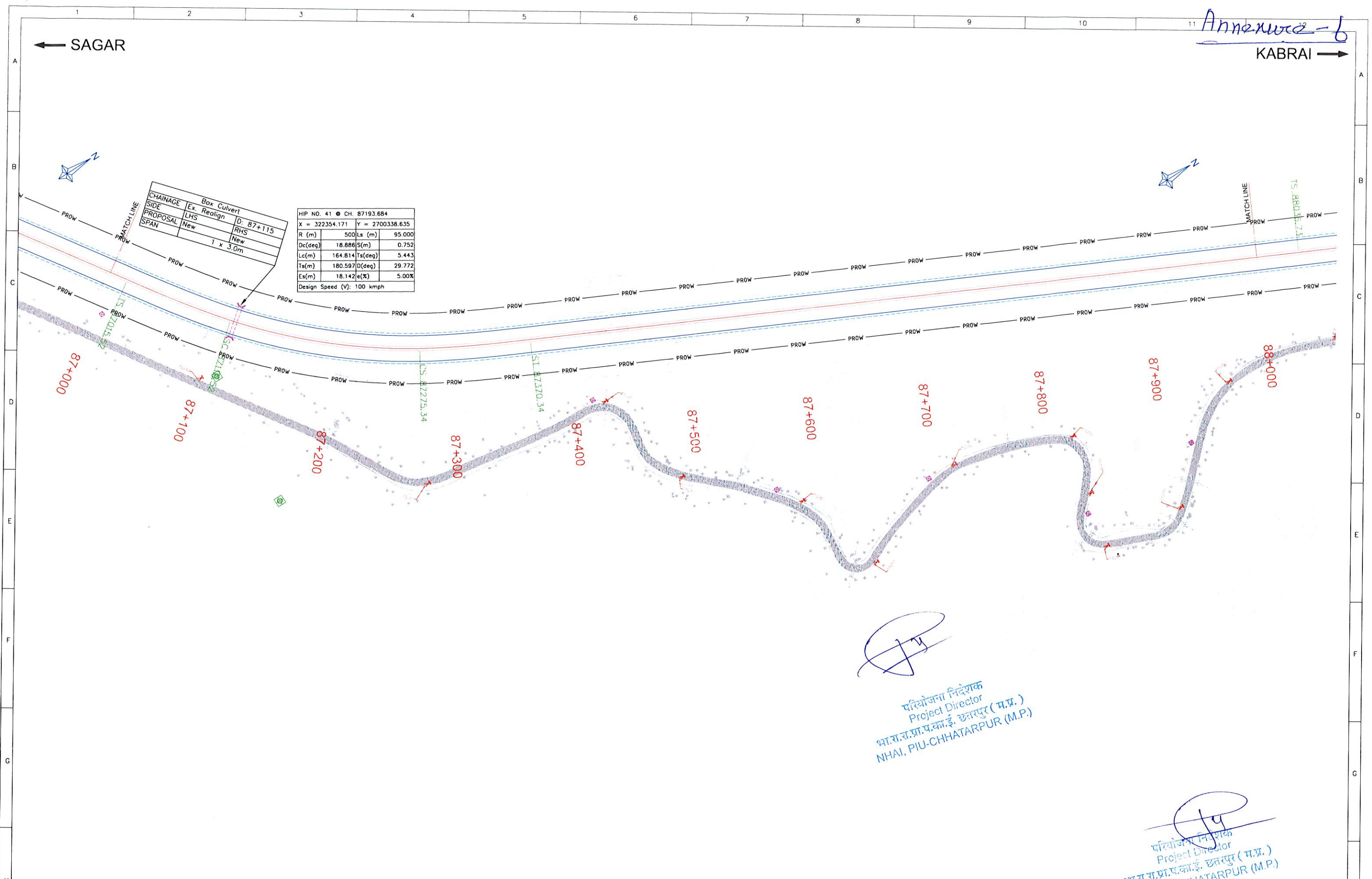
← SAGAR

KABRAI →

Annexure-6

Box Culvert	
CHAINAGE	Ex. Realign D: 87+115
SIDE	LHS
PROPOSAL	New
SPAN	1 x 3.0m

HIP NO. 41 CH. 87193.684	
X = 322354.171	Y = 2700338.635
R (m)	500
Ls (m)	95.000
Dc(deg)	18.886
S(m)	0.752
Lc(m)	164.814
Ts(deg)	5.443
Ta(m)	180.597
D(deg)	29.772
Es(m)	18.142
e(%)	5.00%
Design Speed (V): 100 kmph	



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Project Director
भारत.रा.प.का.ई. छतरपुर (म.प्र.)
NHAI, PIU-CHHATARPUR (M.P.)

परियोजना निदेशक
Project Director
भारत.रा.प.का.ई. छतरपुर (म.प्र.)
NHAI, PIU-CHHATARPUR (M.P.)

REV.	DESCRIPTION OF REVISIONS	DATE	CLIENT:	DESIGN CONSULTANT :	PROJECT:	DESIGNED BY:	TITLE:
			NATIONAL HIGHWAYS AUTHORITY OF INDIA G-5 & 6, Sector 10, Dwaraka, New Delhi.	URS-AECOM AECOM, 9/F, Infinity Tower - C, DLF Cyber City, DLF Phase-II, Gurgaon, Haryana - 122 002.	CONSULTANCY SERVICES FOR PREPARATION OF DPR FOR DEVELOPMENT OF ECONOMIC CORRIDORS, INTER CORRIDORS, FEEDER ROUTES AND COASTAL ROADS TO IMPROVE THE EFFICIENCY OF FREIGHT MOVEMENT IN INDIA. (Lot-1/Madhya Pradesh/Package-4) PACKAGE-II, FROM MOHARI TO SATIA GHAT (Km.50+300 to Km.89+875)	BHARATH SINGH P.SASI KANTH B.G.P. REDDY M.S.RAWAT	PACKAGE-II MOHARI TO SATIA GHAT PLAN Km 087.000 TO Km 088.000
RO	FINAL FEASIBILITY REPORT	DEC,2021					
1		2	3	4	5	6	7
8		9	10	11	12		

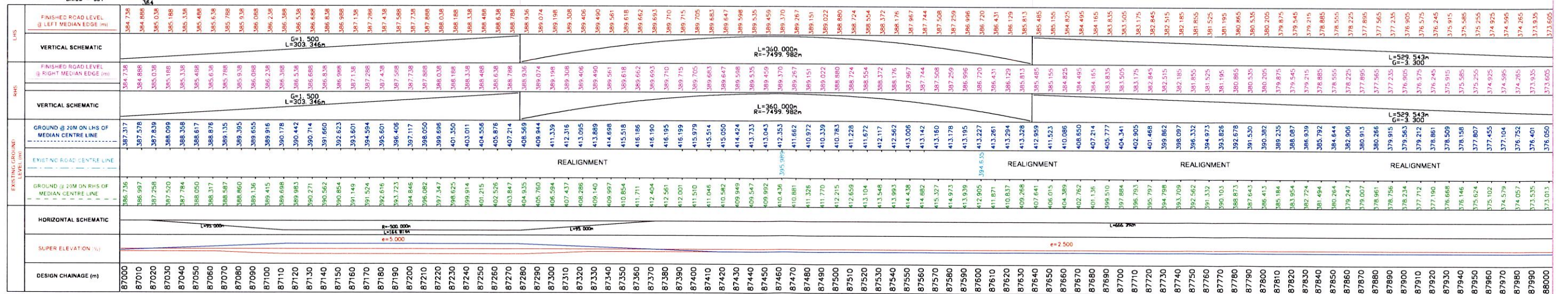
SAGAR ←

→ KABRAI

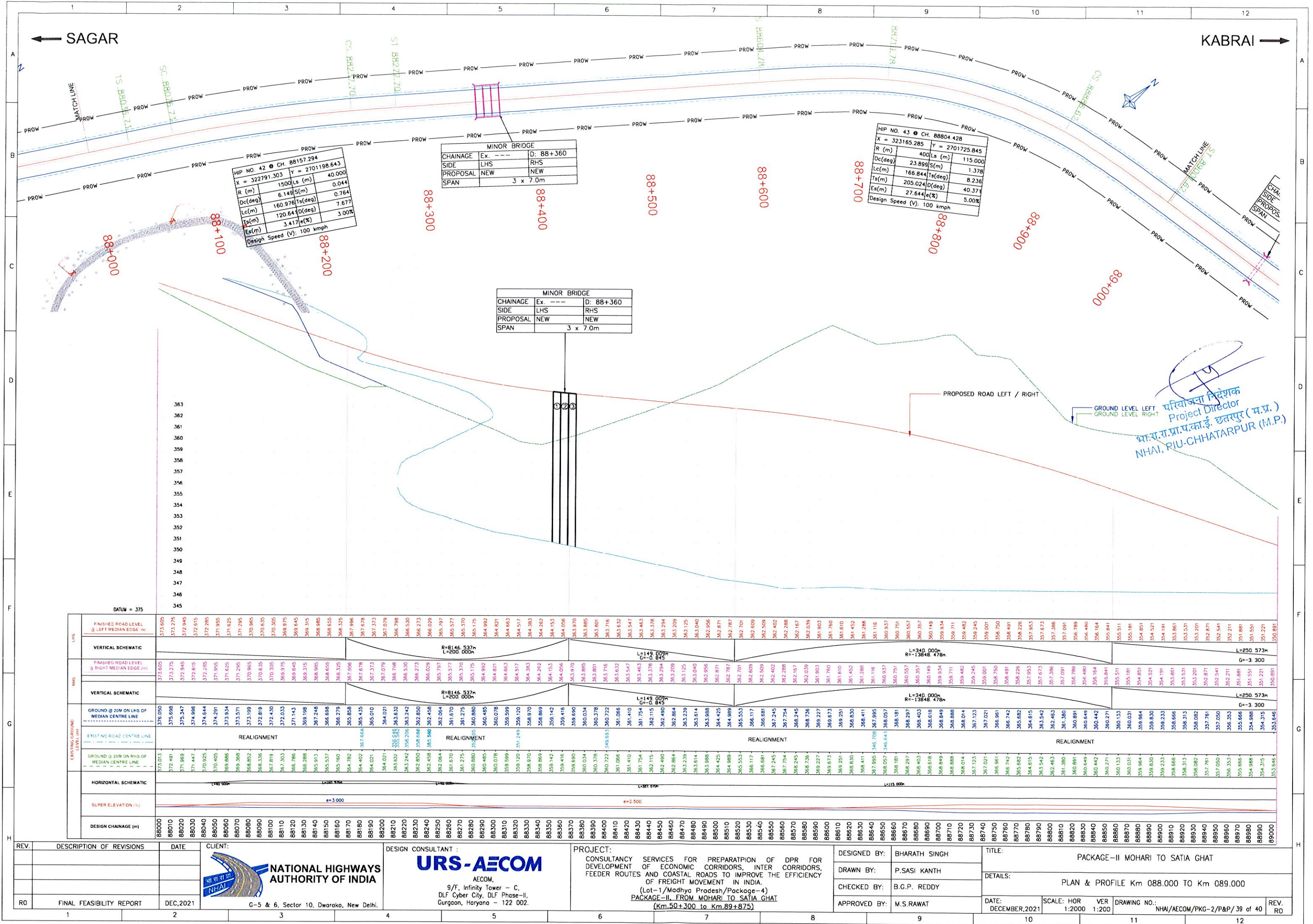
Box Culvert		
CHAINAGE	Ex. Realign	D: 87x115
SIDE	LHS	RHS
PROPOSAL	New	New
SPAN	1 x 3.0m	

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NHAI, PIU-CHHATARPUR (M.P.)

DATUM = 354



REV.	DESCRIPTION OF REVISIONS	DATE	CLIENT:	DESIGN CONSULTANT :	PROJECT:	DESIGNED BY:	TITLE:	DATE:	SCALE:	VER	DRAWING NO.:	REV.
			NATIONAL HIGHWAYS AUTHORITY OF INDIA	URS-AECOM	CONSULTANCY SERVICES FOR PREPARATION OF DPR FOR DEVELOPMENT OF ECONOMIC CORRIDORS, INTER CORRIDORS, FEEDER ROUTES AND COASTAL ROADS TO IMPROVE THE EFFICIENCY OF FREIGHT MOVEMENT IN INDIA. (Lot-1/Madhya Pradesh/Package-4) PACKAGE-II, FROM MOHARI TO SATIA GHAT (Km.50+300 to Km.89+875)	BHARATH SINGH	PACKAGE-II MOHARI TO SATIA GHAT	DECEMBER,2021	HOR 1:2000	1:200	NHAI/AECOM/PKG-2/P&P/38 of 40	RO
RO	FINAL FEASIBILITY REPORT	DEC,2021	G-5 & 6, Sector 10, Dwarka, New Delhi.	9/F, Infinity Tower - C, DLF Cyber City, DLF Phase-II, Gurgaon, Haryana - 122 002.		P.SASI KANTH						
						B.G.P. REDDY						
						M.S.RAWAT						



HIP NO. 42 @ CH. 88157.294	
X = 322791.303	Y = 2701198.643
R (m)	1500
Ls (m)	40.000
Dc(deg)	6.149
Ts(deg)	0.044
Lc(m)	160.976
D(deg)	0.764
Ts(m)	120.64
D(deg)	7.677
Es(m)	3.417
e(%)	3.00%
Design Speed (V): 100 kmph	

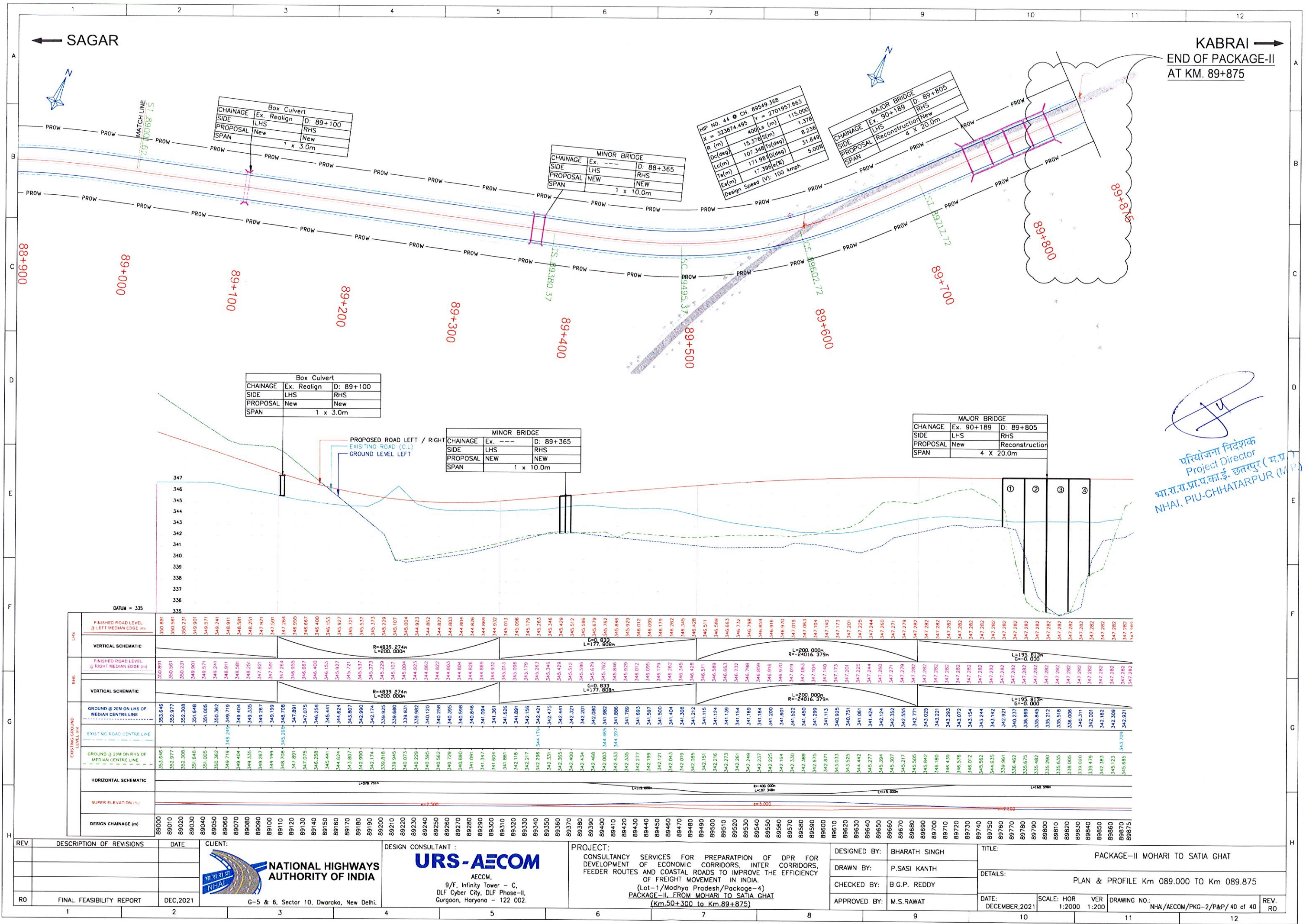
MINOR BRIDGE	
CHAINAGE	Ex. --- D: 88+360
SIDE	LHS RHS
PROPOSAL	NEW NEW
SPAN	3 x 7.0m

HIP NO. 43 @ CH. 88804.428	
X = 323165.285	Y = 2701725.845
R (m)	400
Ls (m)	115.000
Dc(deg)	23.899
Ts(deg)	1.378
Lc(m)	166.844
D(deg)	8.236
Ts(m)	205.024
D(deg)	40.371
Es(m)	27.644
e(%)	5.00%
Design Speed (V): 100 kmph	

MINOR BRIDGE	
CHAINAGE	Ex. --- D: 88+360
SIDE	LHS RHS
PROPOSAL	NEW NEW
SPAN	3 x 7.0m

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EXISTING GROUND LEVEL (m)	HORIZONTAL SCHEMATIC	SUPER ELEVATION (%)	DESIGN CHAINAGE (m)	LHS		RHS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
				FINISHED ROAD LEVEL @ LEFT MEDIAN EDGE (m)	VERTICAL SCHEMATIC	FINISHED ROAD LEVEL @ RIGHT MEDIAN EDGE (m)	VERTICAL SCHEMATIC																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
376.050	373.013	372.491	373.605	373.275	372.945	372.615	372.285	371.955	371.625	371.295	370.965	370.635	370.305	369.975	369.645	369.315	368.985	368.655	368.325	367.995	367.678	367.372	366.995	366.530	366.073	355.629	355.197	354.777	354.377	353.995	353.632	353.284	352.949	352.627	352.316	351.995	351.678	351.362	351.046	350.730	350.414	350.098	349.782	349.466	349.150	348.834	348.518	348.202	347.886	347.570	347.254	346.938	346.622	346.306	345.990	345.674	345.358	345.042	344.726	344.410	344.094	343.778	343.462	343.146	342.830	342.514	342.198	341.882	341.566	341.250	340.934	340.618	340.302	340.000	339.698	339.396	339.094	338.792	338.490	338.188	337.886	337.584	337.282	336.980	336.678	336.376	336.074	335.772	335.470	335.168	334.866	334.564	334.262	333.960	333.658	333.356	333.054	332.752	332.450	332.148	331.846	331.544	331.242	330.940	330.638	330.336	330.034	329.732	329.430	329.128	328.826	328.524	328.222	327.920	327.618	327.316	327.014	326.712	326.410	326.108	325.806	325.504	325.202	324.900	324.598	324.296	323.994	323.692	323.390	323.088	322.786	322.484	322.182	321.880	321.578	321.276	320.974	320.672	320.370	320.068	319.766	319.464	319.162	318.860	318.558	318.256	317.954	317.652	317.350	317.048	316.746	316.444	316.142	315.840	315.538	315.236	314.934	314.632	314.330	314.028	313.726	313.424	313.122	312.820	312.518	312.216	311.914	311.612	311.310	311.008	310.706	310.404	310.102	309.800	309.498	309.196	308.894	308.592	308.290	307.988	307.686	307.384	307.082	306.780	306.478	306.176	305.874	305.572	305.270	304.968	304.666	304.364	304.062	303.760	303.458	303.156	302.854	302.552	302.250	301.948	301.646	301.344	301.042	300.740	300.438	300.136	299.834	299.532	299.230	298.928	298.626	298.324	298.022	297.720	297.418	297.116	296.814	296.512	296.210	295.908	295.606	295.304	295.002	294.700	294.398	294.096	293.794	293.492	293.190	292.888	292.586	292.284	291.982	291.680	291.378	291.076	290.774	290.472	290.170	289.868	289.566	289.264	288.962	288.660	288.358	288.056	287.754	287.452	287.150	286.848	286.546	286.244	285.942	285.640	285.338	285.036	284.734	284.432	284.130	283.828	283.526	283.224	282.922	282.620	282.318	282.016	281.714	281.412	281.110	280.808	280.506	280.204	279.902	279.600	279.298	278.996	278.694	278.392	278.090	277.788	277.486	277.184	276.882	276.580	276.278	275.976	275.674	275.372	275.070	274.768	274.466	274.164	273.862	273.560	273.258	272.956	272.654	272.352	272.050	271.748	271.446	271.144	270.842	270.540	270.238	269.936	269.634	269.332	269.030	268.728	268.426	268.124	267.822	267.520	267.218	266.916	266.614	266.312	266.010	265.708	265.406	265.104	264.802	264.500	264.198	263.896	263.594	263.292	262.990	262.688	262.386	262.084	261.782	261.480	261.178	260.876	260.574	260.272	259.970	259.668	259.366	259.064	258.762	258.460	258.158	257.856	257.554	257.252	256.950	256.648	256.346	256.044	255.742	255.440	255.138	254.836	254.534	254.232	253.930	253.628	253.326	253.024	252.722	252.420	252.118	251.816	251.514	251.212	250.910	250.608	250.306	250.004	249.702	249.400	249.098	248.796	248.494	248.192	247.890	247.588	247.286	246.984	246.682	246.380	246.078	245.776	245.474	245.172	244.870	244.568	244.266	243.964	243.662	243.360	243.058	242.756	242.454	242.152	241.850	241.548	241.246	240.944	240.642	240.340	240.038	239.736	239.434	239.132	238.830	238.528	238.226	237.924	237.622	237.320	237.018	236.716	236.414	236.112	235.810	235.508	235.206	234.904	234.602	234.300	234.000	233.698	233.396	233.094	232.792	232.490	232.188	231.886	231.584	231.282	230.980	230.678	230.376	230.074	229.772	229.470	229.168	228.866	228.564	228.262	227.960	227.658	227.356	227.054	226.752	226.450	226.148	225.846	225.544	225.242	224.940	224.638	224.336	224.034	223.732	223.430	223.128	222.826	222.524	222.222	221.920	221.618	221.316	221.014	220.712	220.410	220.108	219.806	219.504	219.202	218.900	218.598	218.296	217.994	217.692	217.390	217.088	216.786	216.484	216.182	215.880	215.578	215.276	214.974	214.672	214.370	214.068	213.766	213.464	213.162	212.860	212.558	212.256	211.954	211.652	211.350	211.048	210.746	210.444	210.142	209.840	209.538	209.236	208.934	208.632	208.330	208.028	207.726	207.424	207.122	206.820	206.518	206.216	205.914	205.612	205.310	205.008	204.706	204.404	204.102	203.800	203.498	203.196	202.894	202.592	202.290	201.988	201.686	201.384	201.082	200.780	200.478	200.176	199.874	199.572	199.270	198.968	198.666	198.364	198.062	197.760	197.458	197.156	196.854	196.552	196.250	195.948	195.646	195.344	195.042	194.740	194.438	194.136	193.834	193.532	193.230	192.928	192.626	192.324	192.022	191.720	191.418	191.116	190.814	190.512	190.210	189.908	189.606	189.304	189.002	188.700	188.398	188.096	187.794	187.492	187.190	186.888	186.586	186.284	185.982	185.680	185.378	185.076	184.774	184.472	184.170	183.868	183.566	183.264	182.962	182.660	182.358	182.056	181.754	181.452	181.150	180.848	180.546	180.244	179.942	179.640	179.338	179.036	178.734	178.432	178.130	177.828	177.526	177.224	176.922	176.620	176.318	176.016	175.714	175.412	175.110	174.808	174.506	174.204	173.902	173.600	173.298	172.996	172.694	172.392	172.090	171.788	171.486	171.184	170.882	170.580	170.278	169.976	169.674	169.372	169.070	168.768	168.466	168.164	167.862	167.560	167.258	166.956	166.654	166.352	166.050	165.748	165.446	165.144	164.842	164.540	164.238	163.936	163.634	163.332	163.030	162.728	162.426	162.124	161.822	161.520	161.218	160.916	160.614	160.312	160.010	159.708	159.406	159.104	158.802	158.500	158.198	157.896	157.594	157.292	156.990	156.688	156.386	156.084	155.782	155.480	155.178	154.876	154.574	154.272	153.970	153.668	153.366	153.064	152.762	152.460	152.158	151.856	151.554	151.252	150.950	150.648	150.346	150.044	149.742	149.440	149.138	148.836	148.534	148.232	147.930	147.628	147.326	147.024	146.722	146.420	146.118	145.816	145.514	145.212	144.910	144.608	144.306	144.004	143.702	143.400	143.098	142.796	142.494	142.192	141.890	141.588	141.286	140.984	140.682	140.380	140.078	139.776	139.474	139.172	138.870	138.568	138.266	137.964	137.662	137.360	137.058	136.756	136.454	136.152	135.850	135.548	135.246	134.944	134.642	134.340	134.038	133.736	133.434	133.132	132.830	132.528	132.226	131.924	131.622	131.320	131.018	130.716	130.414	130.112	129.810	129.508	129.206	128.904	128.602	128.300	128.000	127.698	127.396	127.094	126.792	126.490	126.188	125.886	125.584	125.282	124.980	124.678	124.376	124.074	123.772	123.470	123.168	122.866	122.564	122.262	121.960	121.658	121.356	121.054	120.752	120.450	120.148	119.846	119.544	119.242	118.940	118.638	118.336	118.034	117.732	117.430	117.128	116.826	116.524	116.222	115.920	115.618	115.316	115.014	114.712	114.410	114.108	113.806	113.504	113.202	112.900	112.598	112.296	111.994	111.692	111.390	111.088	110.786	110.484	110.182	109.880	109.578	109.276	108.974	108.672	108.370	108.068	107.766	107.464	107.162	106.860	106.558	106.256	105.954	105.652	105.350	105.048	104.746	104.444	104.142	103.840	103.538	103.236	102.934	102.632	102.330	102.028	101.726	101.424	101.122	100.820	100.518	100.216	100.000	99.698	99.396	99.094	98.792	98.490	98.188	97.886	97.584	97.282	96.980	96.678	96.376	96.074	95.772	95.470	95.168	94.866	94.564	94.262	93.960	93.658	93.356	93.054	92.752	92.450	92.148	91.846	91.544	91.242	90.940	90.638	90.336	90.034	89.732	89.430	89.128	88.826	88.524	88.222	87.920	87.618	87.316	87.014	86.712	86.410	86.108	85.806	85.504	85.202	84.900	84.598	84.296	83.994	83.692	83.390	83.088	82.786	82.484	82.182	81.880	81.578	81.276	80.974	80.672	80.370	80.068	79.766	79.464	79.162	78.860	78.558	78.256	77.954	77.652	77.350	77.048	76.746	76.444	76.142	75.840	75.538	75.236	74.934	74.632	74.330	74.028	73.726	73.424	73.122	72.820	72.518	72.216	71.914	71.612	71.310	71.008	70.706	70.404	70.102	69.800	69.498	69.196	68.894	68.592	68.290	67.988	67.686	67.384	67.082	66.780	66.478	66.176	65.874	65.572	65.270	64.968	64.666	64.364	64.062	63.760	63.458	63.156	62.854	62.552	62.250	61.948	61.646	61.344	61.042	60.740	60.438	60.136	59.89



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REV.	DESCRIPTION OF REVISIONS	DATE	CLIENT:	DESIGN CONSULTANT:	PROJECT:	DESIGNED BY:	TITLE:
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2					(Lot-1/Madhya Pradesh/Package-4)	P.SASI KANTH	PLAN & PROFILE Km 089.000 TO Km 089.875
3					PACKAGE-II, FROM MOHARI TO SATIA GHAT	B.G.P. REDDY	
4					(Km.50+300 to Km.89+875)	M.S.RAWAT	
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