



VERTICAL GEOMETRY	$R=5420.498m$ $L=40.000m$		$i=2.172\%$ $L=48.445$		$R=2203.85m$ $L=40.000m$		$i=3.987\%$ $L=91.780$		$R=3144.415m$ $L=40.000m$		$i=2.715\%$ $L=55.664$		$R=2543.18m$ $L=40.000m$		$i=2.283\%$ $L=72.323$		$R=2217.268m$ $L=40.000m$		$i=2.484\%$ $L=86.222$		$R=7034.75m$ $L=40.000m$		$i=3.052\%$ $L=103.786$		$R=4889.673m$ $L=40.000m$		$i=2.234\%$ $L=53.087$		$R=2648.07m$ $L=40.000m$		$i=3.745\%$ $L=62.169$	
FINISH ELEVATION	872.271	872.271	872.271	872.271	872.271	872.271	872.271	872.271	872.271	872.271	872.271	872.271	872.271	872.271	872.271	872.271	872.271	872.271	872.271	872.271	872.271	872.271	872.271	872.271	872.271	872.271	872.271	872.271	872.271	872.271		
EXISTING ELEVATION	872.427	872.427	872.427	872.427	872.427	872.427	872.427	872.427	872.427	872.427	872.427	872.427	872.427	872.427	872.427	872.427	872.427	872.427	872.427	872.427	872.427	872.427	872.427	872.427	872.427	872.427	872.427	872.427	872.427	872.427		
STATION	295+800.000	295+800.000	295+800.000	295+800.000	295+800.000	295+800.000	295+800.000	295+800.000	295+800.000	295+800.000	295+800.000	295+800.000	295+800.000	295+800.000	295+800.000	295+800.000	295+800.000	295+800.000	295+800.000	295+800.000	295+800.000	295+800.000	295+800.000	295+800.000	295+800.000	295+800.000	295+800.000	295+800.000	295+800.000	295+800.000		
HORIZONTAL GEOMETRY	$A=25.10$ $L=21.00$		$A=25.10$ $L=21.00$		$A=25.10$ $L=21.00$		$A=38.73$ $L=15.00$		$A=38.73$ $L=15.00$		$A=38.73$ $L=15.00$		$A=38.73$ $L=15.00$		$A=38.73$ $L=15.00$		$A=38.73$ $L=15.00$		$A=38.73$ $L=15.00$		$A=38.73$ $L=15.00$		$A=38.73$ $L=15.00$		$A=38.73$ $L=15.00$		$A=38.73$ $L=15.00$		$A=38.73$ $L=15.00$			



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REMARKS:
1: All Dimensions are in m.
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3: PC = Pipe Culvert

Rev.

Date.

Drawn.

Checked.

Approved.

WIDENING AND UPGRADATION TO 2 LANE WITH PAVED
SHOULDER CONFIGURATION AND GEOMETRIC
IMPROVEMENTS IN THE STATE OF MIZORAM

Designed.
Checked.
Approved.

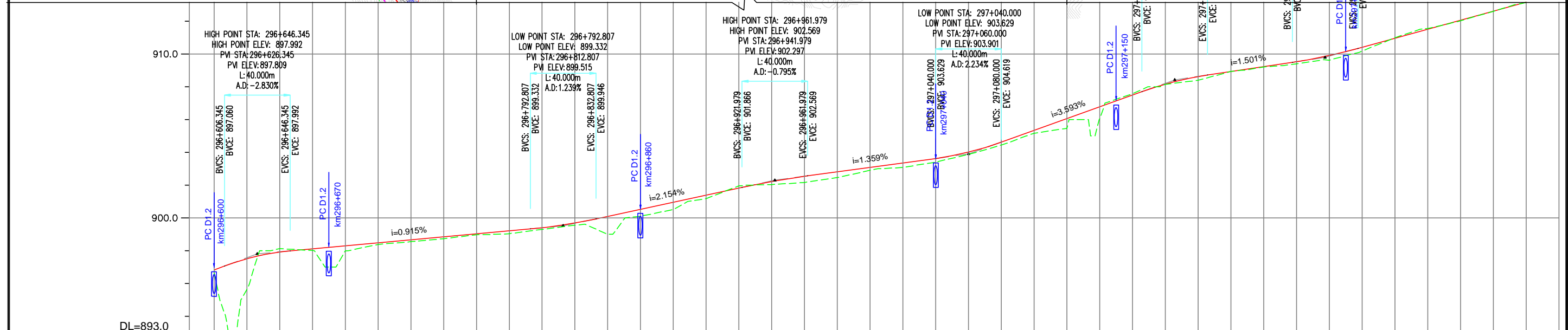
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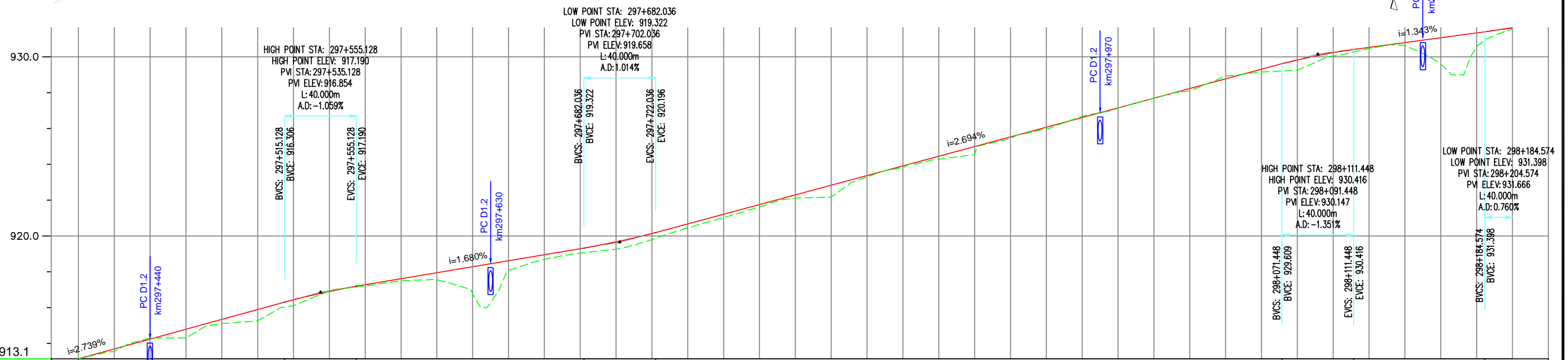
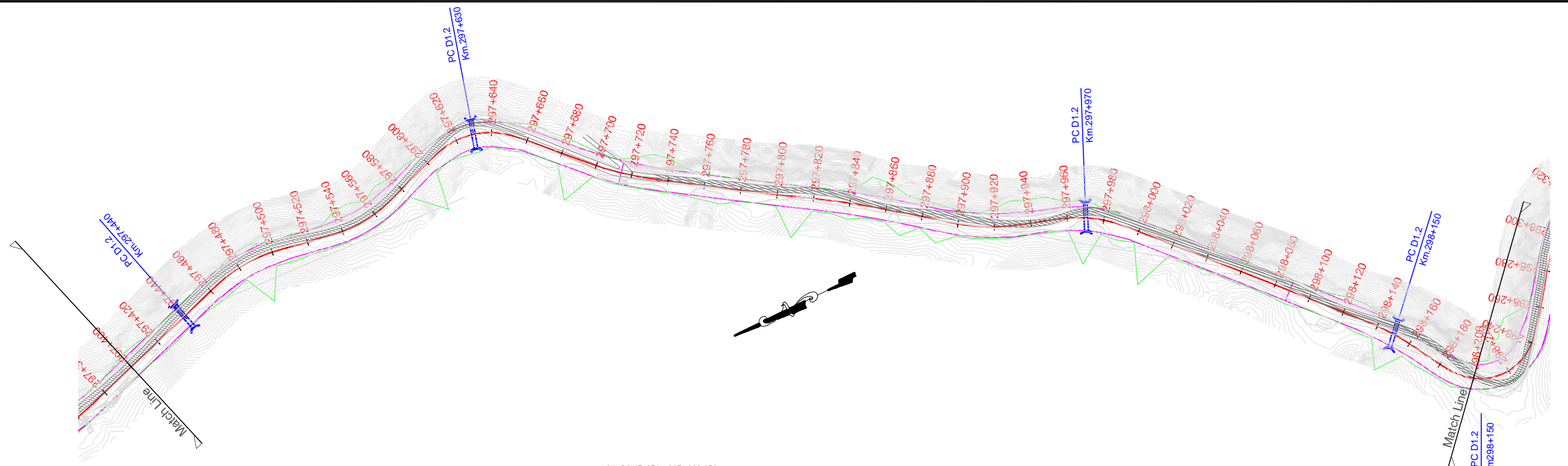
Drawing Title :-
NH - 54 P7
PLAN & PROFILE
STATION - KM 295+800 - KM 296+600

Drawing No:-
NH - 54 - P7 - PP

Sheet No:-
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<div><div>National Highways & Infrastructure Development Corporation Limited</div></div>	<div>REMARKS:</div> <div>1: All Dimensions are in m.</div> <div>2: BC = Box Culvert</div> <div>3: PC = Pipe Culvert</div>							WIDENING AND UPGRADATION TO 2 LANE WITH PAVED SHOULDER CONFIGURATION AND GEOMETRIC IMPROVEMENTS IN THE STATE OF MIZORAM			Drawing Title :- NH - 54 P7 PLAN & PROFILE STATION - KM 296+600 - KM 297+400		
									Designed.	Checked	Approved.	Drawing No:- NH - 54 - P7 - PP	
									Drawn.	Scale. H=1 : 2500 V=1:250	Date.	Sheet No:- 3 OF 49	
		Rev.	Date.			Drawn.	Checked.	Approved.					



VERTICAL GEOMETRY																
FINISH ELEVATION	913.153	913.701	914.249	914.796	915.344	915.892	916.436	916.905	917.272	917.608	917.944	918.280	918.616	918.952	919.288	919.664
EXISTING ELEVATION	913.138	913.559	914.296	914.300	915.097	915.268	916.113	916.930	917.217	917.492	917.573	916.768	918.079	918.696	919.040	919.664
STATION	297+400.000	297+420.000	297+440.000	297+460.000	297+480.000	297+500.000	297+520.000	297+540.000	297+560.000	297+580.000	297+600.000	297+620.000	297+640.000	297+660.000	297+680.000	297+700.000
HORIZONTAL GEOMETRY																



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Rev.	Date.		Drawn.	Checked.	Approved.

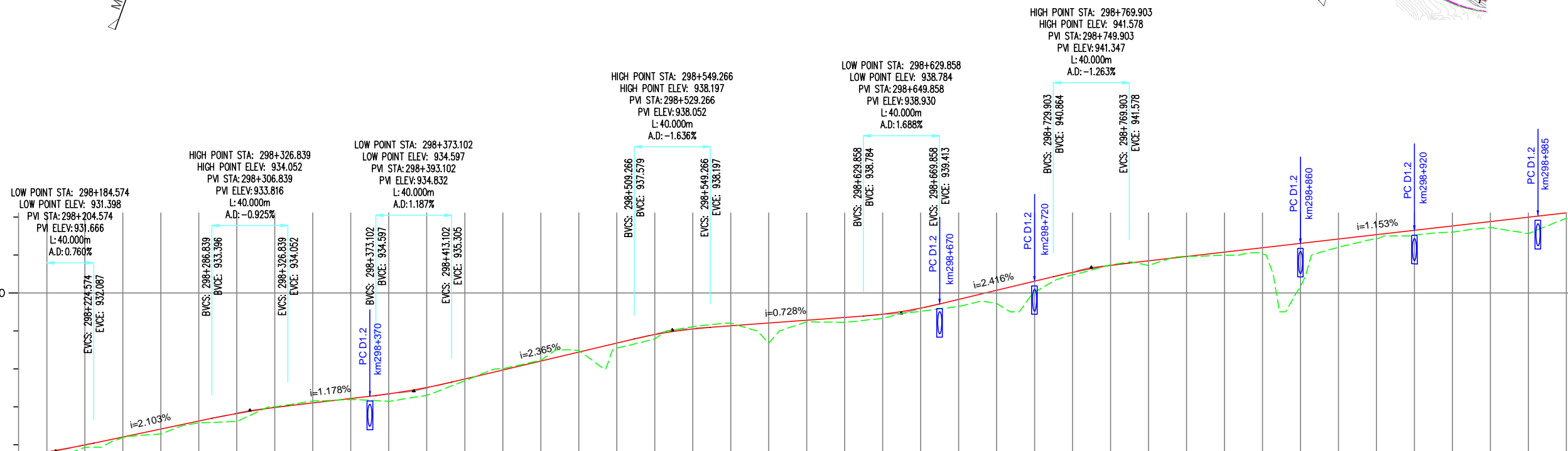
WIDENING AND UPGRADATION TO 2 LANE WITH PAVED
SHOULDER CONFIGURATION AND GEOMETRIC
IMPROVEMENTS IN THE STATE OF MIZORAM

Designed.	Checked	Approved.
Drawn.	Scale. H=1 : 2500 V=1:250	Date.



Drawing Title :-
NH - 54 P7
PLAN & PROFILE
STATION - KM 297+400 - KM 298+200

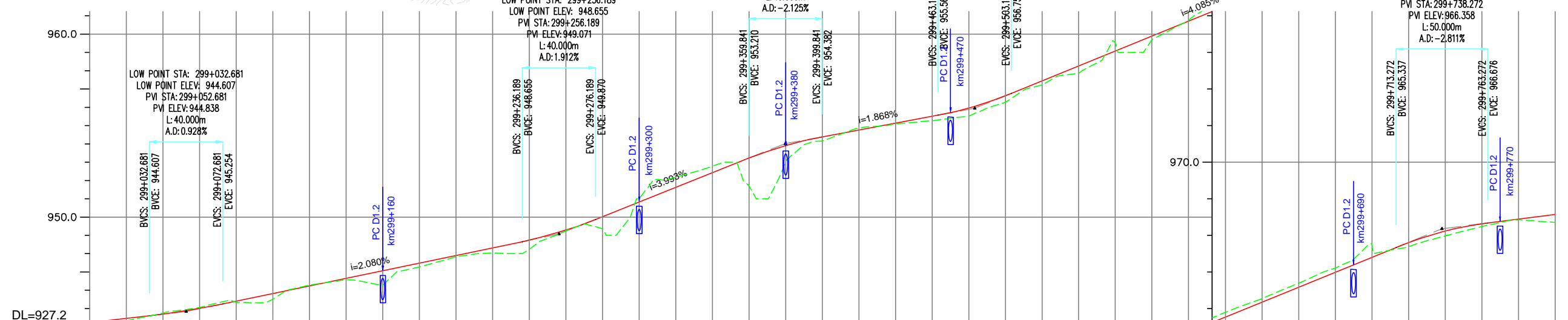
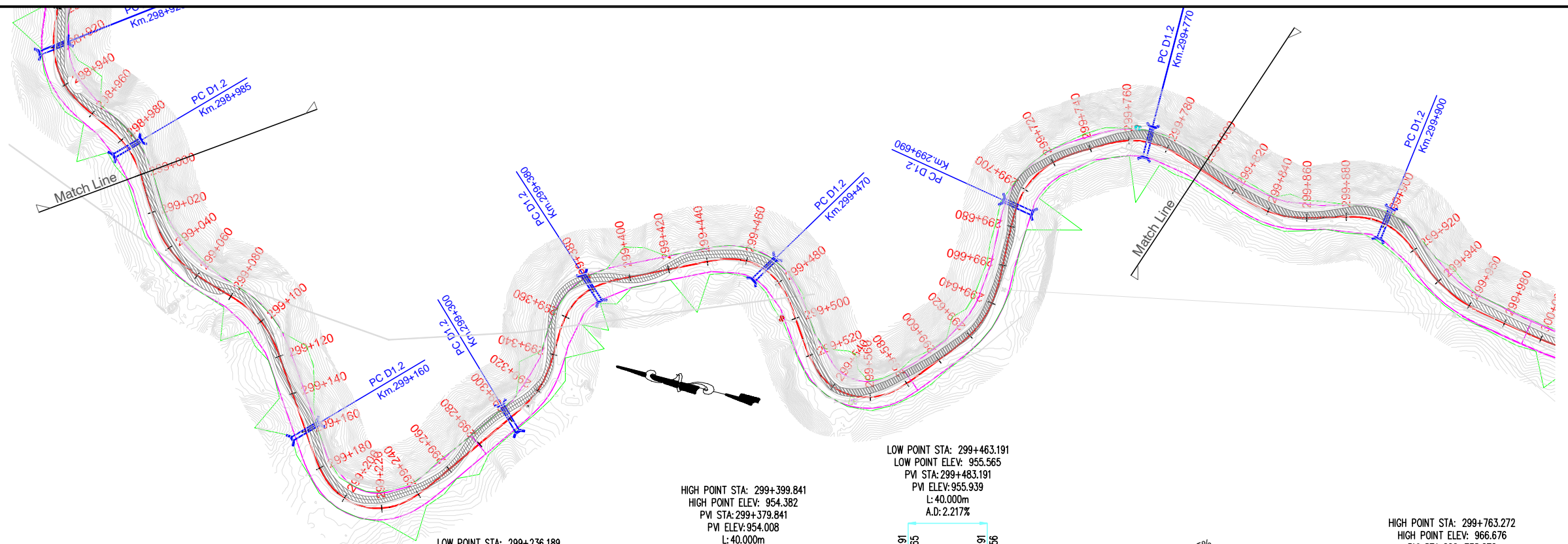
Drawing No:-
NH - 54 - P7 - PP

Sheet No:-
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VERTICAL GEOMETRY	R=5263.15m L=40.000m		i=2.103% L=62.265		R=4324.234m L=40.000m		i=1.178% L=46.263		R=3369.75m L=40.000m		i=2.365% L=96.164		R=2444.688m L=40.000m		i=0.728% L=80.593		R=2370.06m L=40.000m		i=2.416% L=60.044		R=3166.338m L=40.000m		i=1.153% L=262.778																																																																	
FINISH ELEVATION	931.627	931.993	932.411	932.832	933.252	933.653	934.027	934.442	934.685	935.021	935.468	935.941	936.414	936.887	937.360	937.809	938.112	938.276	938.421	938.567	938.713	938.890	939.196	939.658	940.142	940.625	941.092	941.448	941.694	941.925	942.155	942.386	942.616	942.847	943.078	943.308	943.539	943.769	944.000	944.230																																																
EXISTING ELEVATION																																																																																								
STATION	298+200.000	298+220.000	298+240.000	298+260.000	298+280.000	298+300.000	298+320.000	298+340.000	298+360.000	298+380.000	298+400.000	298+420.000	298+440.000	298+460.000	298+480.000	298+500.000	298+520.000	298+540.000	298+560.000	298+580.000	298+600.000	298+620.000	298+640.000	298+660.000	298+680.000	298+700.000	298+720.000	298+740.000	298+760.000	298+780.000	298+800.000	298+820.000	298+840.000	298+860.000	298+880.000	298+900.000	298+920.000	298+940.000	298+960.000	298+980.000	299+000.000																																															
HORIZONTAL GEOMETRY	L=38.33 R=30.00		A=25.10 Ls=21.00		L=27.46		A=31.62 Ls=20.00		i=8.12 L=30.00		A=31.62 Ls=20.00		A=28.98 Ls=21.00		L=17.74 R=40.00		A=28.98 Ls=21.00		A=27.11 Ls=21.00		L=18.06 R=35.00		A=27.11 Ls=21.00		A=25.10 Ls=21.00		i=10.37 L=30.00		A=25.10 Ls=21.00		A=32.40 Ls=15.00		i=13.32 L=70.00		A=32.40 Ls=15.00		A=25.10 Ls=21.00		i=3.04 L=30.00		A=25.10 Ls=21.00		L=29.71		A=30.00 Ls=30.00		i=10.11 L=30.00		A=30.00 Ls=30.00		L=20.63		A=36.74 Ls=15.00		i=36.74 L=15.00		A=27.11 Ls=21.00		i=3.04 L=30.00		A=27.11 Ls=21.00		L=24.14		A=25.10 Ls=21.00		L=21.36 R=30.00		A=25.10 Ls=21.00		i=8.67 L=30.00		A=28.98 Ls=21.00		L=21.07 R=40.00		A=28.98 Ls=21.00		A=28.98 Ls=21.00		i=28.98 L=21.00		A=28.98 Ls=21.00		L=21.00		299+000.000	


 National Highways & Infrastructure Development Corporation Limited	REMARKS: 1: All Dimensions are in m. 2: BC = Box Culvert 3: PC = Pipe Culvert							WIDENING AND UPGRADATION TO 2 LANE WITH PAVED SHOULDER CONFIGURATION AND GEOMETRIC IMPROVEMENTS IN THE STATE OF MIZORAM	Drawing Title :- NH - 54 P7 PLAN & PROFILE STATION - KM 298+200 - KM 299+000			
 JAPAN INTERNATIONAL COOPERATION AGENCY												
	Rev.	Date.			Drawn.	Checked.	Approved.		Scale. H=1 : 2500 V=1 : 250	Date.		
											Drawing No:- NH - 54 - P7 - PP	
											Sheet No:- 5 OF 49	



VERTICAL GEOMETRY	$i=1.53\%$ $L=262.778$		$R=4312.27m$ $L=40.000m$		$i=2.080\%$ $L=163.508$				$R=2091.82m$ $L=40.000m$		$i=3.993\%$ $L=83.652$		$R=1882.636m$ $L=40.000m$		$i=1.868\%$ $L=63.349$		$R=1804.47m$ $L=40.000m$		$i=4.085\%$ $L=210.081$								$R=1778.422m$ $L=50.000m$		$i=1.273\%$ $L=185.035$																																											
FINISH ELEVATION	944.230	944.461	944.698	945.009	945.406	945.822	946.238	946.654	947.070	947.486	947.902	948.318	948.738	949.154	949.570	950.000	950.426	950.852	951.278	951.704	952.130	952.556	952.982	953.408	953.834	954.260	954.686	955.112	955.538	955.964	960.710	961.527	962.344	963.161	963.978	964.794	965.599	966.227	966.831	967.144																																
EXISTING ELEVATION	943.944	944.325	944.752	945.062	945.339	945.498	946.279	946.578	947.263	947.829	948.221	948.426	948.521	949.245	949.369	951.000	951.076	951.098	951.132	951.219	951.852	951.957	952.273	952.524	952.536	954.858	954.858	955.098	955.524	955.536	959.698	960.748	961.790	962.536	963.378	964.205	965.367	965.971	966.838	967.711																																
STATION	299+000.000	299+020.000	299+040.000	299+060.000	299+080.000	299+100.000	299+120.000	299+140.000	299+160.000	299+180.000	299+200.000	299+220.000	299+240.000	299+260.000	299+280.000	299+300.000	299+320.000	299+340.000	299+360.000	299+380.000	299+400.000	299+420.000	299+440.000	299+460.000	299+480.000	299+500.000	299+520.000	299+540.000	299+560.000	299+580.000	299+600.000	299+620.000	299+640.000	299+660.000	299+680.000	299+700.000	299+720.000	299+740.000	299+760.000	299+780.000	299+800.000																															
HORIZONTAL GEOMETRY	$A=28.98$ $L=21.00$		$A=33.17$ $L=20.00$		$L=21.82$ $R=55.00$		$A=33.17$ $L=20.00$		$A=30.00$ $L=20.00$		$L=11.50$ $R=45.00$		$A=30.00$ $L=20.00$		$L=40.12$		$A=30.00$ $L=30.00$		$L=28.05$ $R=30.00$		$A=30.00$ $L=30.00$		$L=45.82$		$A=28.98$ $L=21.00$		$A=25.10$ $L=21.00$		$L=12.20$ $R=30.00$		$A=25.10$ $L=21.00$		$L=36.54$		$A=25.10$ $L=21.00$		$L=21.75$ $R=30.00$		$A=25.10$ $L=21.00$		$L=11.34$		$A=25.10$ $L=21.00$		$L=34.96$ $R=30.00$		$A=25.10$ $L=21.00$		$L=15.76$		$A=31.62$ $L=20.00$		$L=15.95$ $R=50.00$		$A=31.62$ $L=20.00$		$L=16.08$		$A=28.98$ $L=21.00$		$L=21.84$ $R=40.00$		$A=28.98$ $L=21.00$		$A=28.98$ $L=21.00$		$L=14.04$ $R=40.00$		$A=28.98$ $L=21.00$		$L=24.64$	



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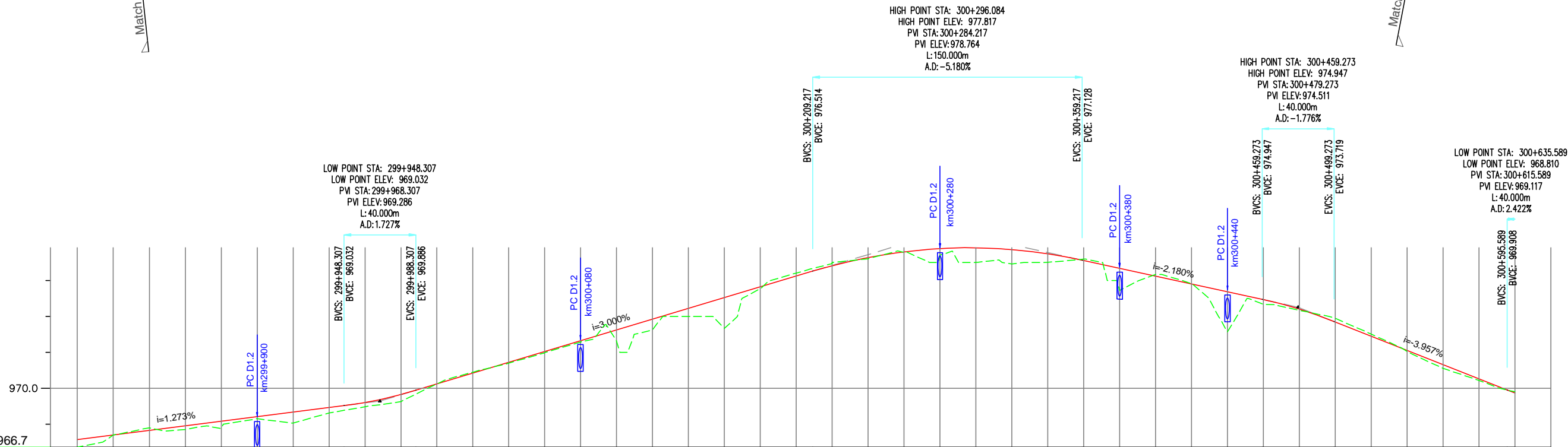
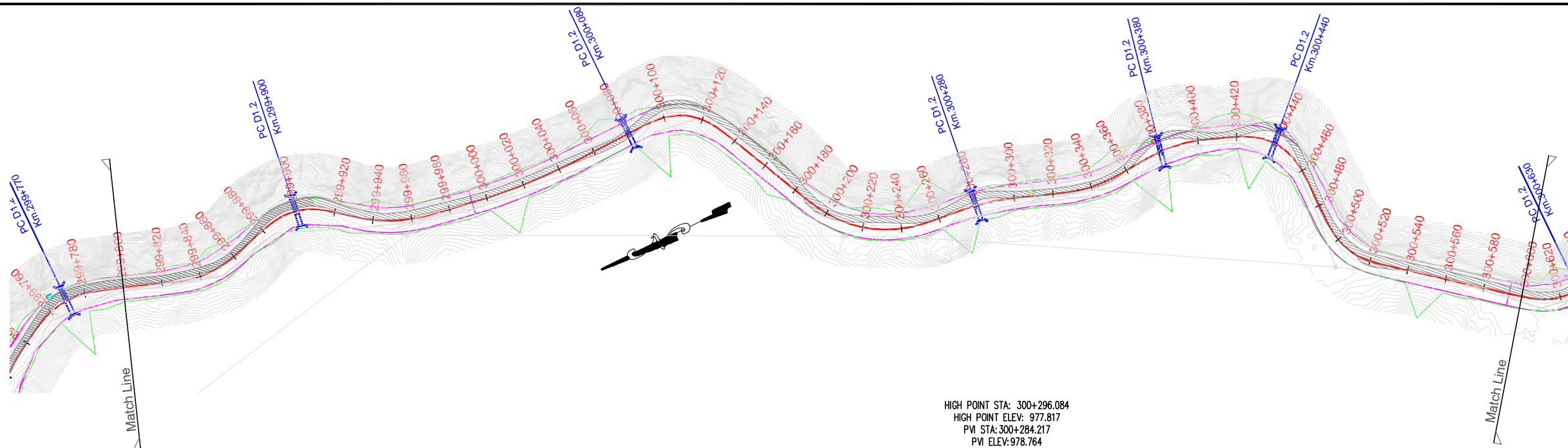
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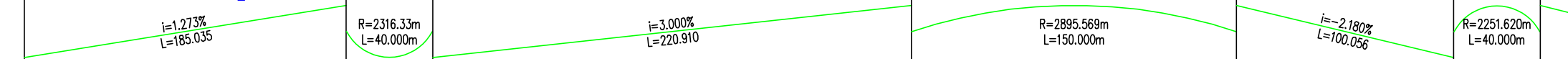
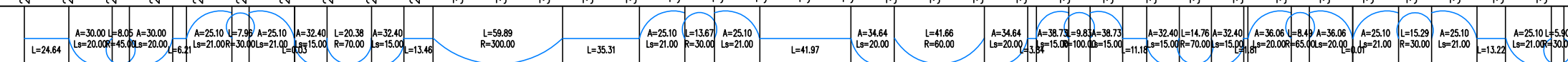
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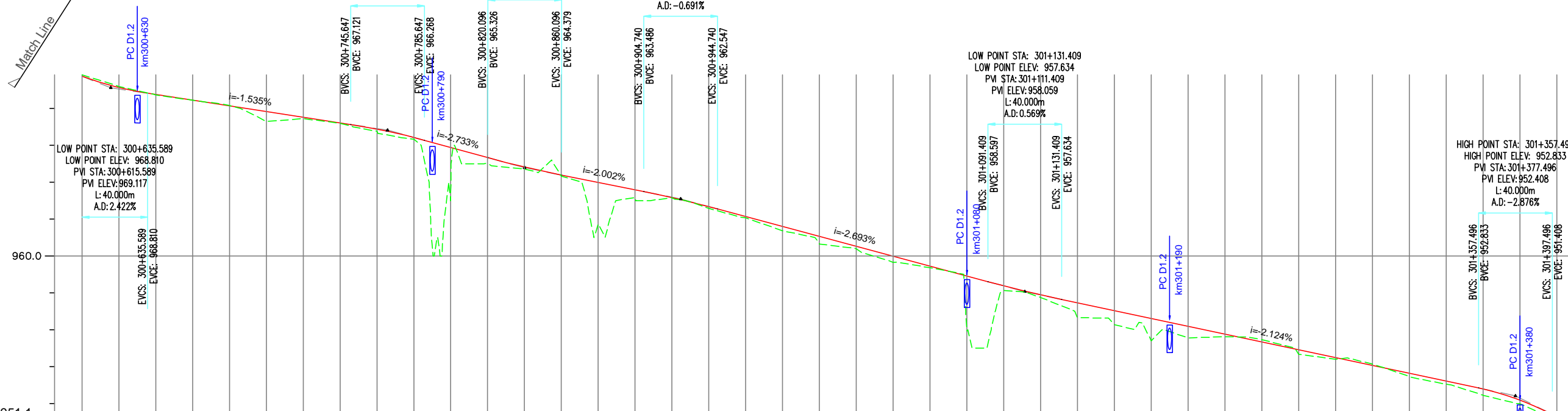
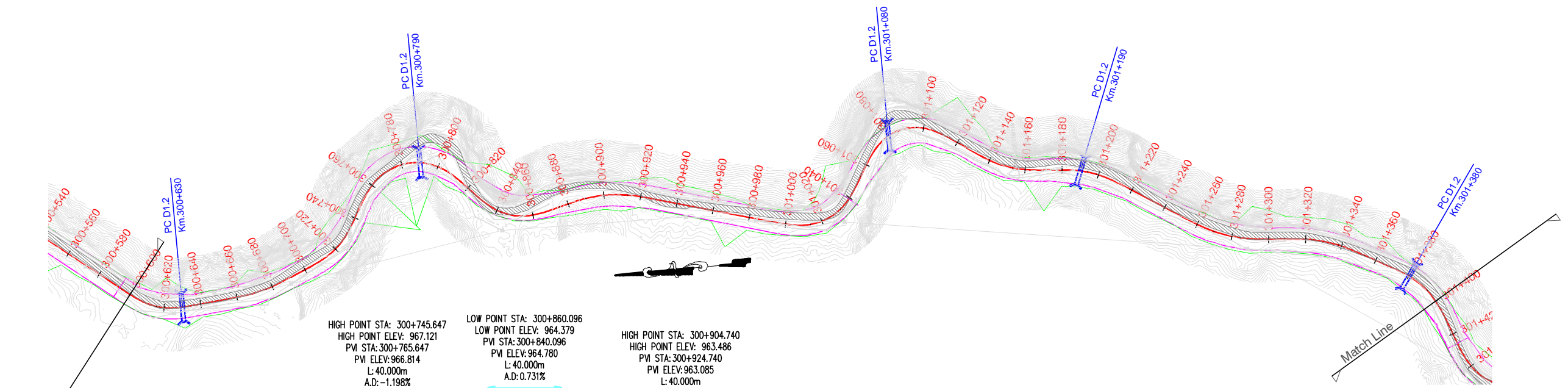
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PLAN & PROFILE
STATION - KM 299+000 - KM 299+800

Drawing No:-
NH - 54 - P7 - PP

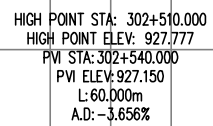
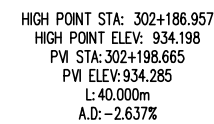
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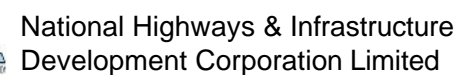
VERTICAL GEOMETRY																																									
FINISH ELEVATION	967.144	967.398	967.653	967.908	968.162	968.417	968.671	968.926	969.210	969.652	970.237	970.837	971.437	972.037	972.637	973.237	973.837	974.437	975.037	975.637	976.237	976.817	977.274	977.592	977.772	977.814	977.718	977.484	977.111	976.675	976.239	975.803	975.367	974.931	974.400	973.691	972.899	972.108	971.317	970.525	969.740
EXISTING ELEVATION	966.711	967.396	967.796	967.903	967.756	968.301	968.061	968.620	968.972	969.251	970.233	970.893	971.390	971.974	972.568	973.226	973.837	974.404	973.324	975.037	975.531	976.405	977.205	977.554	977.408	977.006	976.920	977.006	977.183	975.449	976.329	975.835	973.144	974.670	974.333	973.884	973.017	972.053	971.108	970.435	969.811
STATION	299+800.000	299+820.000	299+840.000	299+860.000	299+880.000	299+900.000	299+920.000	299+940.000	299+960.000	299+980.000	300+000.000	300+020.000	300+040.000	300+060.000	300+080.000	300+100.000	300+120.000	300+140.000	300+160.000	300+180.000	300+200.000	300+220.000	300+240.000	300+260.000	300+280.000	300+300.000	300+320.000	300+340.000	300+360.000	300+380.000	300+400.000	300+420.000	300+440.000	300+460.000	300+480.000	300+500.000	300+520.000	300+540.000	300+560.000	300+580.000	300+600.000
HORIZONTAL GEOMETRY																																									



VERTICAL GEOMETRY	R=1651.34m L=40.000m		$i=-1.535\%$ $L=110.058$				R=3338.472m L=40.000m		$i=-2.733\%$ $L=34.449$		R=5472.40m L=40.000m		$i=-2.002\%$ $L=44.644$		R=5788.419m L=40.000m		$i=-2.693\%$ $L=146.670$				R=7028.86m L=40.000m		$i=-2.124\%$ $L=226.086$						R=1390.683m L=40.000m																																																																																																																																																																																																																																																																																																																																																																	
FINISH ELEVATION	969.740	969.123	968.742	968.436	968.129	967.822	967.515	967.208	966.870	966.417	965.876	965.329	964.819	964.381	963.981	963.581	963.160	962.673	962.136	961.597	961.059	960.520	959.982	959.443	958.905	958.371	957.886	957.452	956.902	956.354	955.802	955.254	954.702	954.154	953.602	953.054	952.506	951.958																																																																																																																																																																																																																																																																																																																																																								
EXISTING ELEVATION	969.811	969.189	968.724	968.435	968.151	967.293	967.442	967.193	966.752	966.323	962.987	965.001	964.703	964.329	961.724	963.171	963.158	962.575	962.071	961.360	960.638	960.395	959.651	959.359	958.959	958.117	957.744	956.648	956.259	955.398	955.554	954.448	954.663	954.390	954.119	953.437	952.432	951.973	951.102	950.862																																																																																																																																																																																																																																																																																																																																																						
STATION	300+600.000	300+620.000	300+640.000	300+660.000	300+680.000	300+700.000	300+720.000	300+740.000	300+760.000	300+780.000	300+800.000	300+820.000	300+840.000	300+860.000	300+880.000	300+900.000	300+920.000	300+940.000	300+960.000	300+980.000	301+000.000	301+020.000	301+040.000	301+060.000	301+080.000	301+100.000	301+120.000	301+140.000	301+160.000	301+180.000	301+200.000	301+220.000	301+240.000	301+260.000	301+280.000	301+300.000	301+320.000	301+340.000	301+360.000	301+380.000	301+400.000																																																																																																																																																																																																																																																																																																																																																					
HORIZONTAL GEOMETRY	$A=25.10$ $L=21.00$		$A=32.40$ $L=15.00$		$A=27.11$ $L=21.00$		$A=25.10$ $L=21.00$		$L=35.60$ $R=30.00$		$A=25.10$ $L=21.00$		$A=25.10$ $L=21.00$		$L=11.71$ $R=30.00$		$A=25.10$ $L=21.00$		$A=32.40$ $L=21.00$		$L=22.84$ $R=70.00$		$A=32.40$ $L=15.00$		$L=64.58$		$A=25.10$ $L=21.00$		$L=18.66$ $R=30.00$		$A=25.10$ $L=21.00$		$A=25.00$ $L=25.00$		$L=16.45$ $R=25.00$		$A=25.00$ $L=25.00$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=31.06$		$A=37.42$ $L=20.00$		$L=14.70$ $R=70.00$		$A=37.42$ $L=20.00$		$A=32.40$ $L=15.00$		$A=32.40$ $L=15.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.00$		$A=31.62$ $L=20.00$		$L=10.88$		$A=31.62$ $L=20.0$	



VERTICAL GEOMETRY	R=1516.81m L=40.00m										$i = -2.090\%$ L=291.335										R=1641.245m L=60.00m		$i = -5.746\%$ L=70.000		R=1904.26m L=40.000m		$i = -3.646\%$ L=831.650																																																																							
FINISH ELEVATION	934.142										933.839										933.421		933.003		932.585		932.167		931.748		931.330		930.912		930.494		930.076		929.658		929.240		928.822		928.404		927.986		927.537		926.875		926.553		921.403		920.359		919.525		918.796		918.067		917.338		916.608		915.879		915.150		914.421		913.692		912.963		912.234		911.504		910.775		909.317		908.588		907.859									
EXISTING ELEVATION	933.574										933.862										933.416		934.376		932.349		931.323		931.403		931.207		930.533		930.000		929.397		929.429		929.113		928.551		928.072		927.601		927.130		926.793		922.054		921.059		920.004		919.176		918.523		917.544		916.871		916.184		915.069		915.623		916.128		915.772		912.811		912.042		911.201		910.032		909.113		908.895		908.654		905.783							
STATION	302+200.000										302+220.000										302+240.000		302+260.000		302+280.000		302+300.000		302+320.000		302+340.000		302+360.000		302+380.000		302+400.000		302+420.000		302+440.000		302+460.000		302+480.000		302+500.000		302+520.000		302+540.000		302+560.000		302+580.000		302+600.000		302+620.000		302+640.000		302+660.000		302+680.000		302+700.000		302+720.000		302+740.000		302+760.000		302+780.000		302+800.000		302+820.000		302+840.000		302+860.000		302+880.000		302+900.000		302+920.000		302+940.000		302+960.000		302+980.000		303+000.000	
HORIZONTAL GEOMETRY	A=45.46° R=85.00 L=15.00		A=31.62° R=50.00 L=8.33		A=16.36° R=50.00 L=16.22		A=31.62° R=50.00 L=16.22		A=32.40° R=50.00 L=15.00		A=20.95° R=70.00 L=15.00		A=32.40° R=50.00 L=15.00		A=32.40° R=50.00 L=15.00		A=10.76° R=35.00 L=35.00		A=32.40° R=30.00 L=30.00		L=90.09										A=27.11° R=21.00 L=21.00		A=16.64° R=35.00 L=35.00		A=27.11° R=21.00 L=21.00		A=32.40° R=15.00 L=15.00		L=17.56° R=70.00 L=70.00		A=32.40° R=15.00 L=15.00		L=20.31		A=32.40° R=15.00 L=15.00		L=27.36° R=70.00 L=70.00		A=32.40° R=15.00 L=15.00		L=15.18		A=31.62° R=20.00 L=20.00		L=13.36° R=50.00 L=50.00		A=31.62° R=20.00 L=20.00		L=11.25		A=25.10° R=30.00 L=30.00		A=45.28° R=30.00 L=30.00		A=25.10° R=21.00 L=21.00		A=25.10° R=21.00 L=21.00		L=42.17° R=30.00 L=30.00		A=25.10° R=21.00 L=21.00		A=30.00° R=20.00 L=20.00		A=30.00° R=20.00 L=20.00																							

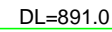


1: All Dimensions are in m.
2: BC = Box Culvert
3: PC = Pipe Culvert

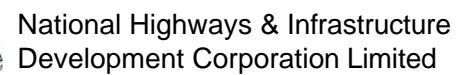
Rev.	Date.		Drawn.	Checked.	Approved.

Designed.	Checked	Approved.
Drawn.	Scale. H=1 : 2500 V=1 : 250	Date.

Drawing No:-	NH - 54 - P7 - PP
Sheet No:-	10 OF 49



DL=891.0

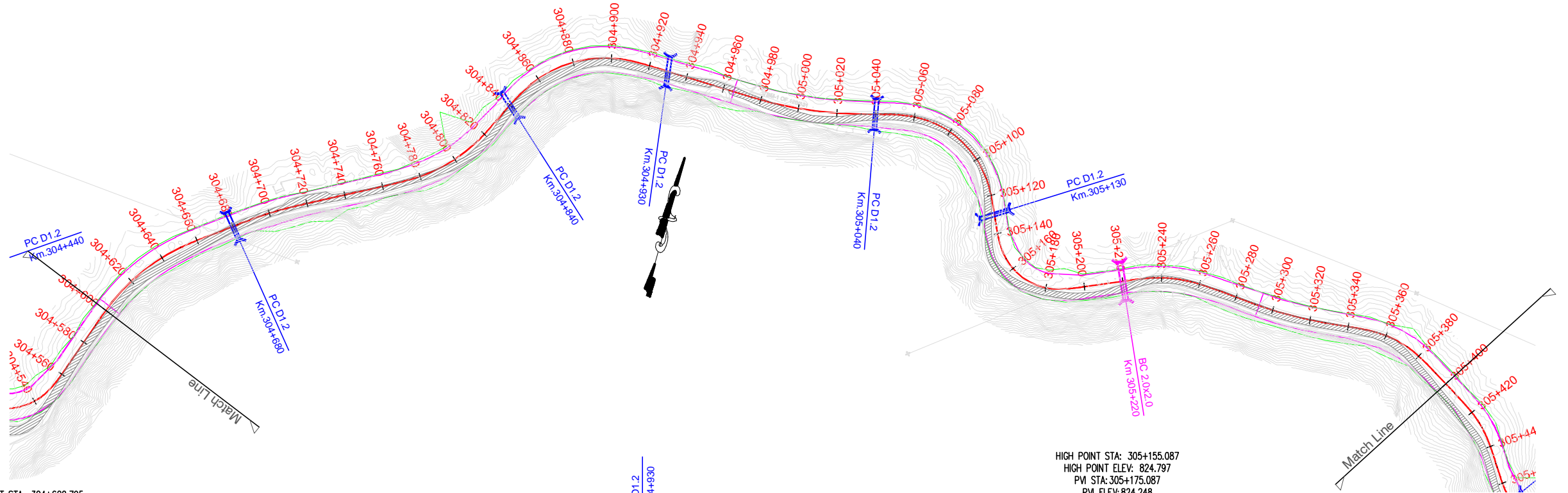


1: All Dimensions are in m.
2: BC = Box Culvert
3: PC = Pipe Culvert

Rev.	Date.		Drawn.	Checked.	Approved.
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Designed.	Checked	Approved.
Drawn.	Scale. H=1 : 2500 V=1:250	Date.

Drawing No:-	NH - 54 - P7 - PP
Sheet No:-	11 OF 49



LOW POINT STA: 304+620.795
LOW POINT ELEV: 839.456
PVI STA: 304+600.795
PVI ELEV: 840.005
L: 40.000m
A.D: 1.195%

EMCS: 304+620.795
EVC: 839.456

PC D1.2
km304+680

PC D1.2
km304+840

DL=832.2

i=-2.744%

PC D1.2
km304+930

PC D1.2
km305+040

PC D1.2
km305+130

PC D1.2
km305+220

PC D1.2
km305+310

PC D1.2
km305+400

PC D1.2
km305+490

PC D1.2
km305+580

PC D1.2
km305+670

PC D1.2
km305+760

PC D1.2
km305+850

PC D1.2
km305+940

PC D1.2
km305+1030

PC D1.2
km305+1120

PC D1.2
km305+1210

PC D1.2
km305+1300

PC D1.2
km305+1390

PC D1.2
km305+1480

PC D1.2
km305+1570

PC D1.2
km305+1660

PC D1.2
km305+1750

PC D1.2
km305+1840

PC D1.2
km305+1930

PC D1.2
km305+2020

PC D1.2
km305+2110

PC D1.2
km305+2200

PC D1.2
km305+2290

PC D1.2
km305+2380

PC D1.2
km305+300

PC D1.2
km305+350

PC D1.2
km305+400

PC D1.2
km305+450

PC D1.2
km305+500

PC D1.2
km305+550

PC D1.2
km305+600

PC D1.2
km305+650

PC D1.2
km305+700

PC D1.2
km305+750

PC D1.2
km305+800

PC D1.2
km305+850

PC D1.2
km305+900

PC D1.2
km305+950

PC D1.2
km305+1000

PC D1.2
km305+1050

PC D1.2
km305+1100

HIGH POINT STA: 305+155.087
HIGH POINT ELEV: 824.797
PVI STA: 305+175.087
PVI ELEV: 824.248
L: 40.000m
A.D: -0.871%

BVCS: 305+155.087
EVC: 824.797

EVC: 305+195.087
EVC: 823.525

PC D1.2
km305+220

PC D1.2
km305+310

PC D1.2
km305+400

PC D1.2
km305+490

PC D1.2
km305+580

PC D1.2
km305+670

PC D1.2
km305+760

PC D1.2
km305+850

PC D1.2
km305+940

LOW POINT STA: 305+395.592
LOW POINT ELEV: 816.362
PVI STA: 305+375.592
PVI ELEV: 817.000
L: 40.000m
A.D: 0.424%

BVCS: 305+395.592
EVC: 816.362

EVC: 305+435.592
EVC: 817.723

PC D1.2
km305+440

PC D1.2
km305+530

PC D1.2
km305+620

PC D1.2
km305+710

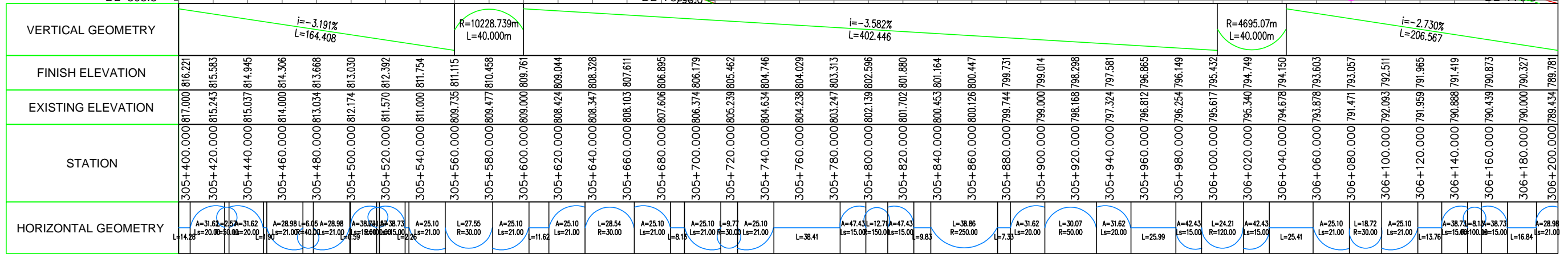
PC D1.2
km305+800


PC D1.2
km305+890

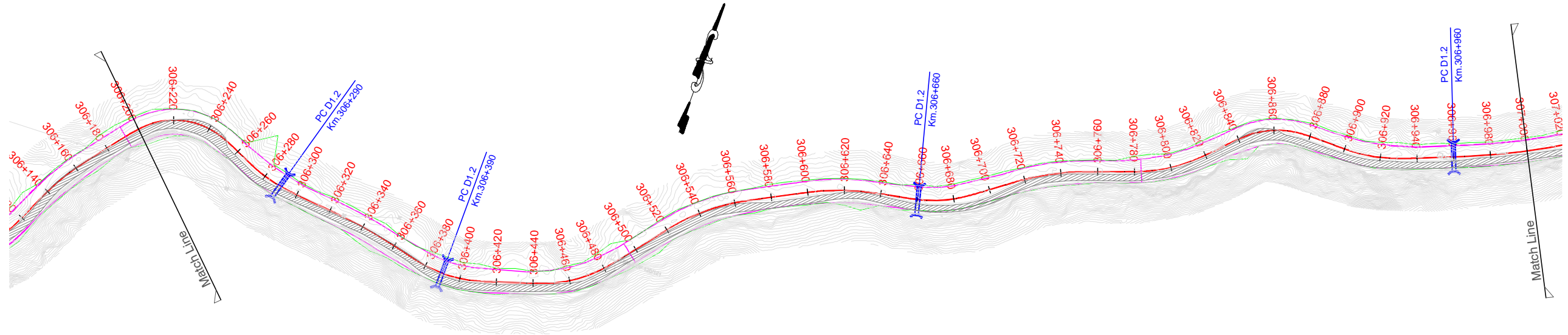
PC D1.2
km305+980

PC D1.2
km306+070

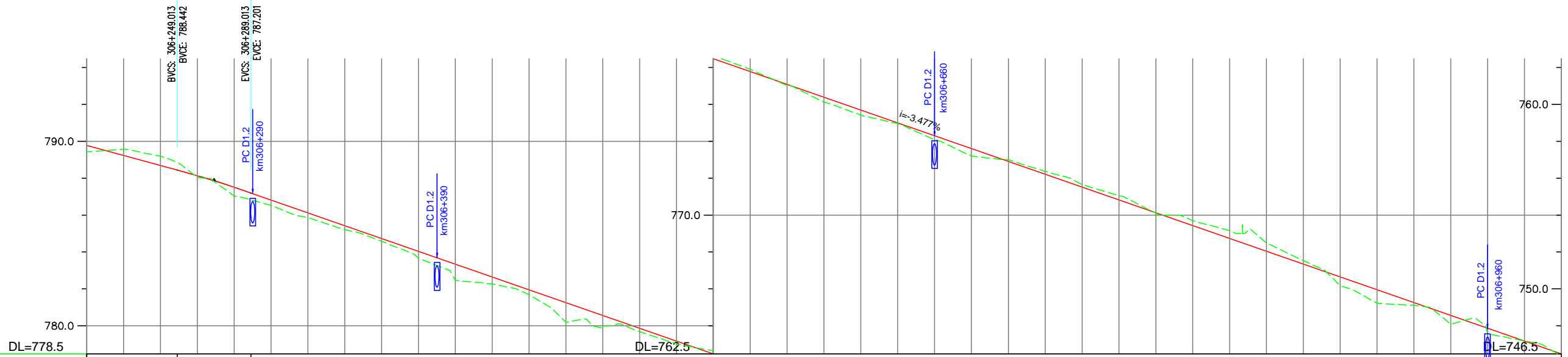
VERTICAL GEOMETRY	R=3347.14m L=40.000m	i=-2.744% L=534.292																		R=4590.41m L=40.000m	i=-3.615% L=160.504																R=9434.21m L=40.000m																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
FINISH ELEVATION	840.092	839.916	839.478	838.930	838.381	837.832	837.283	836.735	836.186	835.637	835.088	834.540	833.991	833.442	832.893	832.345	831.796	831.247	830.698	830.150	829.601	829.052	828.503	827.955	827.406	826.857	826.309	825.760	825.211	824.660	824.114	823.565	823.017	822.468	821.919	821.370	820.821	820.272	819.723	819.174	818.625	818.076	817.527	816.978	816.429	815.880	815.331	814.782	814.233	813.684	813.135	812.586	812.037	811.488	810.939	810.390	809.841	809.292	808.743	808.194	807.645	807.096	806.547	805.998	805.449	804.900	804.351	803.802	803.253	802.704	802.155	801.606	801.057	800.508	799.959	799.410	798.861	798.312	797.763	797.214	796.665	796.116	795.567	795.018	794.469	793.920	793.371	792.822	792.273	791.724	791.175	790.626	790.077	789.528	788.979	788.430	787.881	787.332	786.783	786.234	785.685	785.136	784.587	784.038	783.489	782.940	782.391	781.842	781.293	780.744	780.195	779.646	779.097	778.548	777.999	777.450	776.901	776.352	775.803	775.254	774.705	774.156	773.607	773.058	772.509	771.960	771.411	770.862	770.313	769.764	769.215	768.666	768.117	767.568	767.019	766.470	765.921	765.372	764.823	764.274	763.725	763.176	762.627	762.078	761.529	760.980	760.431	759.882	759.333	758.784	758.235	757.686	757.137	756.588	756.039	755.490	754.941	754.392	753.843	753.294	752.745	752.196	751.647	751.098	750.549	749.999	749.450	748.901	748.352	747.803	747.254	746.705	746.156	745.607	745.058	744.509	743.960	743.411	742.862	742.313	741.764	741.215	740.666	740.117	739.568	739.019	738.470	737.921	737.372	736.823	736.274	735.725	735.176	734.627	734.078	733.529	732.980	732.431	731.882	731.333	730.784	730.235	729.686	729.137	728.588	728.039	727.490	726.941	726.392	725.843	725.294	724.745	724.196	723.647	723.098	722.549	721.999	721.450	720.901	720.352	719.803	719.254	718.705	718.156	717.607	717.058	716.509	715.960	715.411	714.862	714.313	713.764	713.215	712.666	712.117	711.568	711.019	710.470	709.921	709.372	708.823	708.274	707.725	707.176	706.627	706.078	705.529	704.980	704.431	703.882	703.333	702.784	702.235	701.686	701.137	700.588	700.039	699.490	698.941	698.392	697.843	697.294	696.745	696.196	695.647	695.098	694.549	694.000	693.451	692.902	692.353	691.804	691.255	690.706	690.157	689.608	689.059	688.510	687.961	687.412	686.863	686.314	685.765	685.216	684.667	684.118	683.569	683.020	682.471	681.922	681.373	680.824	680.275	679.726	679.177	678.628	678.079	677.530	676.981	676.432	675.883	675.334	674.785	674.236	673.687	673.138	672.589	672.040	671.491	670.942	670.393	669.844	669.295	668.746	668.197	667.648	667.099	666.550	666.001	665.452	664.903	664.354	663.805	663.256	662.707	662.158	661.609	661.060	660.511	659.962	659.413	658.864	658.315	657.766	657.217	656.668	656.119	655.570	655.021	654.472	653.923	653.374	652.825	652.276	651.727	651.178	650.629	650.080	649.531	648.982	648.433	647.884	647.335	646.786	646.237	645.688	645.139	644.590	644.041	643.492	642.943	642.394	641.845	641.296	640.747	640.198	639.649	639.100	638.551	637.999	637.450	636.901	636.352	635.803	635.254	634.705	634.156	633.607	633.058	632.509	631.960	631.411	630.862	630.313	629.764	629.215	628.666	628.117	627.568	627.019	626.470	625.921	625.372	624.823	624.274	623.725	623.176	622.627	622.078	621.529	620.980	620.431	619.882	619.333	618.784	618.235	617.686	617.137	616.588	616.039	615.490	614.941	614.392	613.843	613.294	612.745	612.196	611.647	611.098	610.549	609.999	609.450	608.901	608.352	607.803	607.254	606.705	606.156	605.607	605.058	604.509	603.960	603.411	602.862	602.313	601.764	601.215	600.666	600.117	599.568	599.019	598.470	597.921	597.372	596.823	596.274	595.725	595.176	594.627	594.078	593.529	592.980	592.431	591.882	591.333	590.784	590.235	589.686	589.137	588.588	588.039	587.490	586.941	586.392	585.843	585.294	584.745	584.196	583.647	583.098	582.549	581.999	581.450	580.901	580.352	579.803	579.254	578.705	578.156	577.607	577.058	576.509	575.960	575.411	574.862	574.313	573.764	573.215	572.666	572.117	571.568	571.019	570.470	569.921	569.372	568.823	568.274	567.725	567.176	566.627	566.078	565.529	564.980	564.431	563.882	563.333	562.784	562.235	561.686	561.137	560.588	560.039	559.490	558.941	558.392	557.843	557.294	556.745	556.196	555.647	555.098	554.549	554.000	553.451	552.902	552.353	551.804	551.255	550.706	550.157	549.608	549.059	548.510	547.961	547.412	546.863	546.314	545.765	545.216	544.667	544.118	543.569	543.020	542.471	541.922	541.373	540.824	540.275	539.726	539.177	538.628	538.079	537.530	536.981	536.432	535.883	535.334	534.785	534.236	533.687	533.138	532.589	532.040	531.491	530.942	530.393	529.844	529.295	528.746	528.197	527.648	527.099	526.550	526.001	525.452	524.903	524.354	523.805	523.256	522.707	522.158	521.609	521.060	520.511	519.962	519.413	518.864	518.315	517.766	517.217	516.668	516.119	515.570	515.021	514.472	513.923	513.374	512.825	512.276	511.727	511.178	510.629	510.080	509.531	508.982	508.433	507.884	507.335	506.786	506.237	505.688	505.139	504.590	504.041	503.492	502.943	502.394	501.845	501.296	500.747	500.198	499.649	499.099	498.550	498.001	497.452	496.903	496.354	495.805	495.256	494.707	494.158	493.609	493.060	492.511	491.962	491.413	490.864	490.315	489.766	489.217	488.668	488.119	487.570	487.021	486.472	485.923	485.374	484.825	484.276	483.727	483.178	482.629	482.080	481.531	480.982	480.433	479.884	479.335	478.786	478.237




 National Highways & Infrastructure Development Corporation Limited	REMARKS: 1: All Dimensions are in m. 2: BC = Box Culvert 3: PC = Pipe Culvert							WIDENING AND UPGRADATION TO 2 LANE WITH PAVED SHOULDER CONFIGURATION AND GEOMETRIC IMPROVEMENTS IN THE STATE OF MIZORAM			Drawing Title :- NH - 54 P7 PLAN & PROFILE STATION - KM 305+400 - KM 306+200	
								Designed.	Checked	Approved.	Drawing No:- NH - 54 - P7 - PP	
								Drawn.	Scale. H=1 : 2500 V=1:250	Date.	Sheet No:- 14 OF 49	
		Rev.	Date.		Drawn.	Checked.	Approved.					




HIGH POINT STA: 306+249.013
HIGH POINT ELEV: 788.442
PVI STA: 306+269.013
PVI ELEV: 787.896
L: 40.000m
A.D: -0.747%



VERTICAL GEOMETRY	$i=-2.730\%$ $L=206.567$		$R=5356.410m$ $L=40.000m$		$i=-3.477\%$ $L=723.551$																																					
FINISH ELEVATION	789.781	789.235	788.689	788.131	787.507	786.819	786.124	785.428	784.733	784.037	783.342	782.647	781.951	781.256	780.561	779.865	779.170	788.474	777.779	777.084	776.388	775.693	774.997	774.302	773.607	772.911	772.216	771.520	770.825	770.130	769.434	768.739	768.043	767.348	766.653	765.957	765.262	764.567	763.871	763.176	762.480	
EXISTING ELEVATION	788.434	789.573	788.190	788.030	787.034	786.528	785.869	785.212	784.581	783.663	782.462	782.267	781.665	780.193	779.864	779.681	779.033	778.639	777.896	777.021	776.123	775.418	774.972	774.090	773.202	772.976	772.365	771.648	770.956	770.108	769.695	769.168	768.493	767.523	766.178	765.221	765.112	764.092	763.577	762.363		
STATION	306+200.000	306+220.000	306+240.000	306+260.000	306+280.000	306+300.000	306+320.000	306+340.000	306+360.000	306+380.000	306+400.000	306+420.000	306+440.000	306+460.000	306+480.000	306+500.000	306+520.000	306+540.000	306+560.000	306+580.000	306+600.000	306+620.000	306+640.000	306+660.000	306+680.000	306+700.000	306+720.000	306+740.000	306+760.000	306+780.000	306+800.000	306+820.000	306+840.000	306+860.000	306+880.000	306+900.000	306+920.000	306+940.000	306+960.000	306+980.000	307+000.000	
HORIZONTAL GEOMETRY	$A=28.98$ $L=21.00$	$L=32.41$ $R=40.00$	$A=28.98$ $L=21.00$	$A=32.40$ $L=15.00$	$A=32.40$ $L=15.00$	$L=20.61$	$L=34.55$ $R=250.00$	$A=32.40$ $L=15.00$	$L=23.25$ $R=70.00$	$A=32.40$ $L=15.00$	$L=16.00$	$A=32.40$ $L=15.00$	$L=26.15$ $R=70.00$	$A=32.40$ $L=15.00$	$L=20.01$	$A=44.72$ $L=20.00$	$L=22.23$ $R=100.00$	$A=44.72$ $L=20.00$	$L=18.85$	$A=42.43$ $L=15.00$	$L=20.44$ $R=120.00$	$A=42.43$ $L=15.00$	$A=32.40$ $L=6.00$	$L=16.39$ $R=70.00$	$A=32.40$ $L=15.00$	$L=12.56$	$A=42.43$ $L=15.00$	$L=19.21$ $R=120.00$	$A=42.43$ $L=15.00$	$L=16.21$	$A=34.64$ $L=15.00$	$L=21.50$ $R=80.00$	$A=34.64$ $L=15.00$	$A=30.00$ $L=20.00$	$L=16.56$ $R=45.00$	$A=30.00$ $L=20.00$	$L=16.17$	$A=34.64$ $L=15.00$	$L=16.21$ $R=80.00$	$A=34.64$ $L=15.00$	$L=26.05$	$L=92.26$ $R=350.00$



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Rev.	Date.		Drawn.	Checked.	Approved.	

WIDENING AND UPGRADATION TO 2 LANE WITH PAVED
SHOULDER CONFIGURATION AND GEOMETRIC
IMPROVEMENTS IN THE STATE OF MIZORAM

Designed.

Checked

Approved.

Drawn.

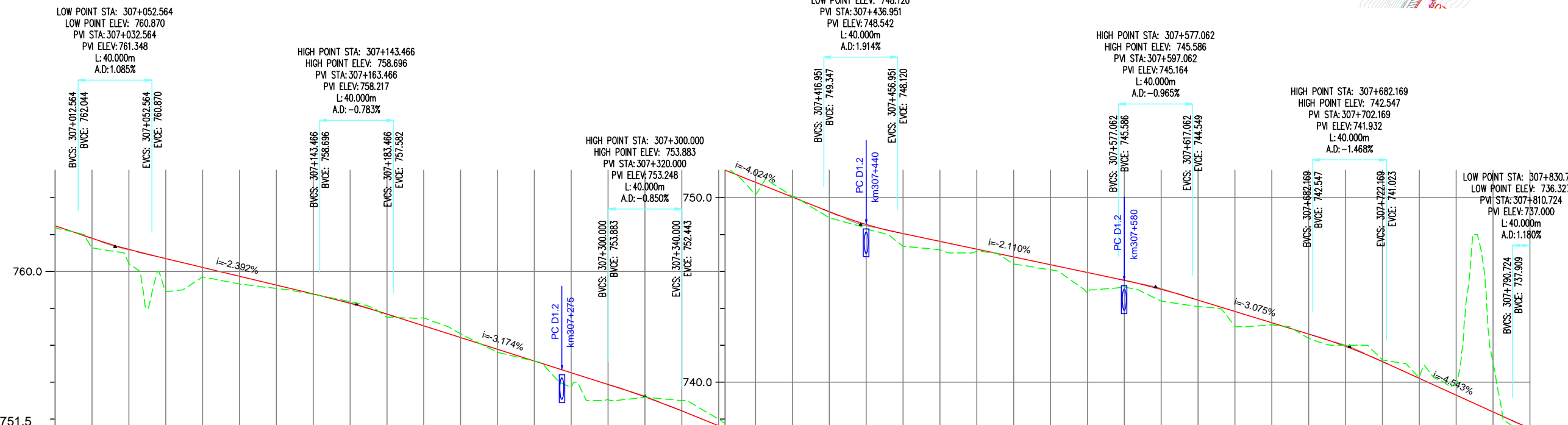
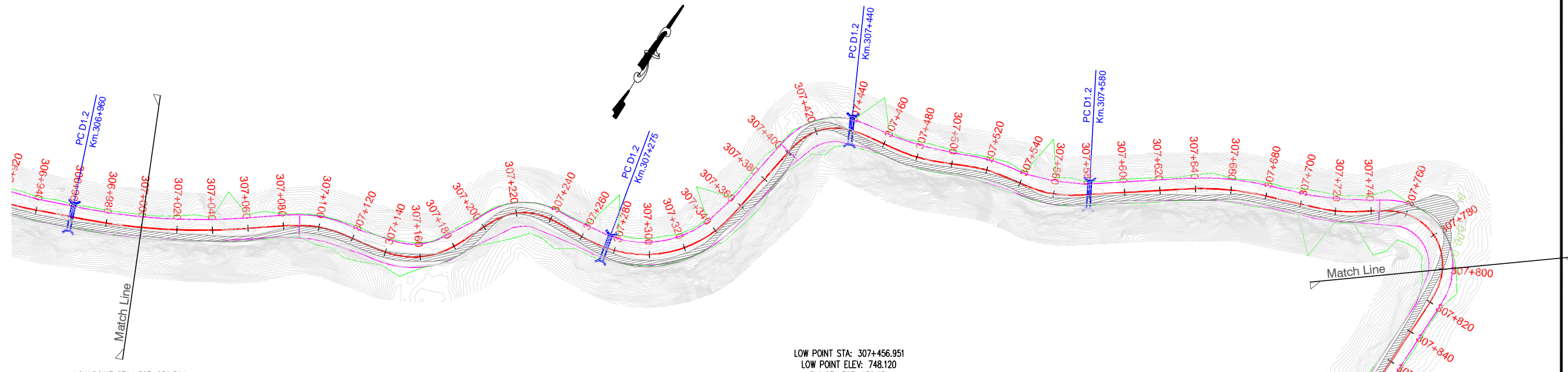
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H=1 : 2500
V=1:250

Date.


Drawing Title :-
NH - 54 P7
PLAN & PROFILE
STATION - KM 306+200 - KM 307+000

Drawing No:-
NH - 54 - P7 - PP


Sheet No:-
15 OF 49



VERTICAL GEOMETRY	DL=751.5	R=3686.39m L=40.000m	i=-2.392% L=90.901	R=5111.282m L=40.000m	i=-3.174% L=116.534	R=4708.361m L=40.000m	i=-4.024% L=76.951	R=2089.65m L=40.000m	i=-2.110% L=120.111	R=4144.037m L=40.000m	i=-3.075% L=65.107	R=2724.740m L=40.000m	i=-4.543% L=68.556	R=3388.88m L=40.000m
FINISH ELEVATION	762.480	761.792	761.192	760.692	760.214	759.735	759.257	758.778	758.299	757.820	757.341	756.862	756.383	755.904
EXISTING ELEVATION	762.480	761.280	760.439	759.902	759.704	759.322	758.978	758.634	758.290	757.946	757.602	757.258	756.914	756.570
STATION	307+000.000	307+020.000	307+040.000	307+060.000	307+080.000	307+100.000	307+120.000	307+140.000	307+160.000	307+180.000	307+200.000	307+220.000	307+240.000	307+260.000
HORIZONTAL GEOMETRY	L=92.26 R=350.00	L=16.75	A=34.64 L=20.00	A=34.64 L=20.00	A=30.00 L=20.00	A=25.33 L=20.00	A=30.00 L=20.00	A=25.10 L=20.00	A=12.28 L=20.00	A=25.10 L=20.00	A=36.06 L=20.00	L=68.82 R=65.00	A=36.06 L=20.00	L=32.38



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Rev.	Date.	Drawn.	Checked.	Approved.

WIDENING AND UPGRADATION TO 2 LANE WITH PAVED
SHOULDER CONFIGURATION AND GEOMETRIC
IMPROVEMENTS IN THE STATE OF MIZORAM

Designed.

Checked

Approved.

Drawn.

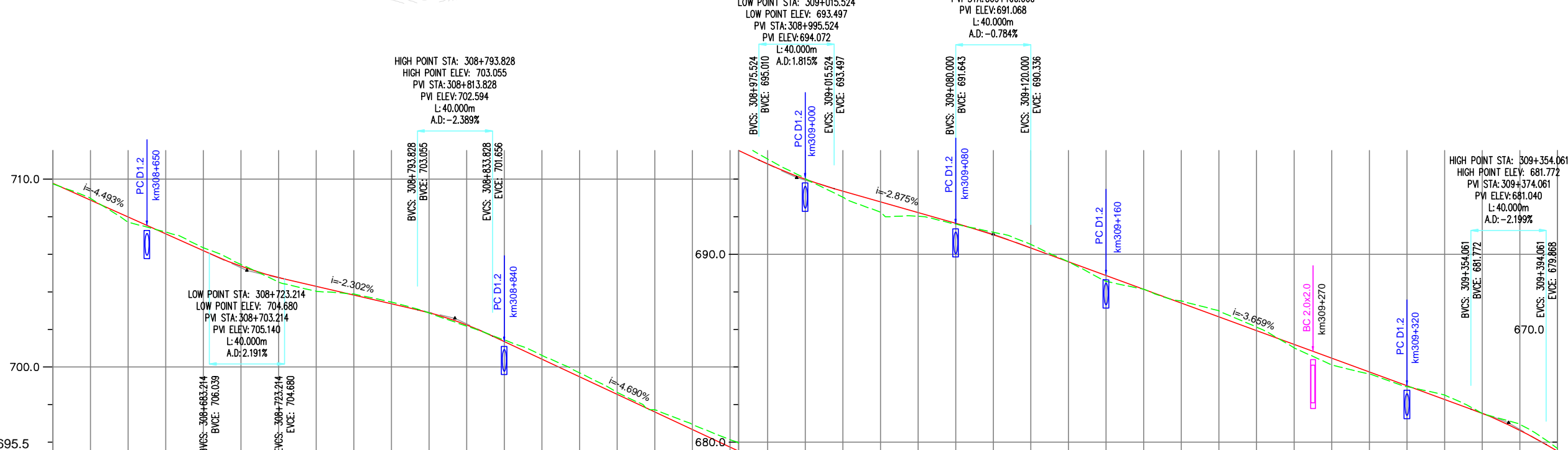
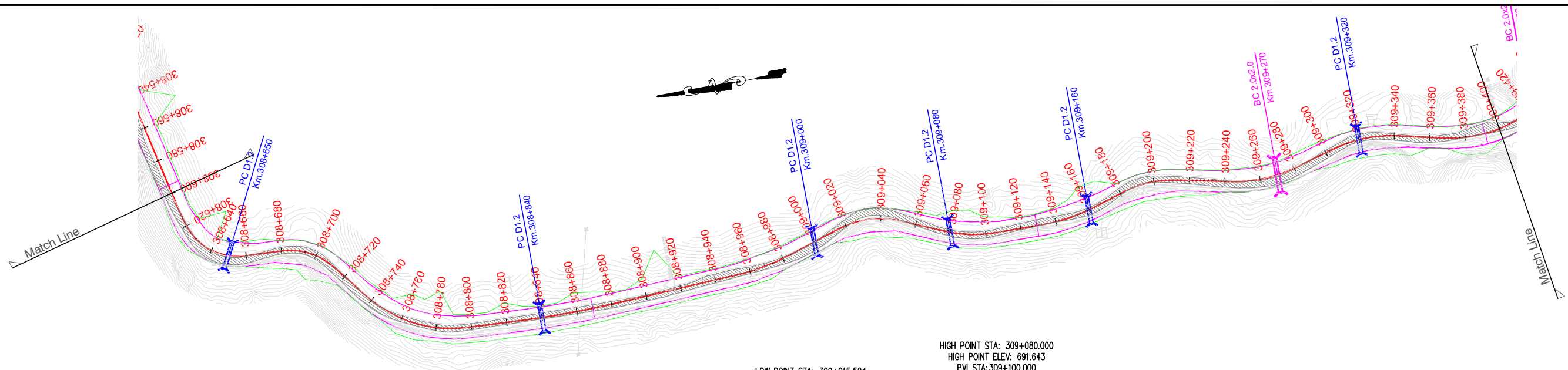
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V=1:250

Date.


Drawing Title :-
NH - 54 P7
PLAN & PROFILE
STATION - KM 307+000 - KM 307 +800

Drawing No:-
NH - 54 - P7 - PP


Sheet No:-
16 OF 49



VERTICAL GEOMETRY	$i = -4.493\%$ $L = 115.907$		$R = 1825.51m$ $L = 40.000m$		$R = 1674.562m$ $L = 40.000m$		$i = -4.690\%$ $L = 141.696$		$R = 2203.56m$ $L = 40.000m$		$i = -2.875\%$ $L = 64.476$		$R = 5102.533m$ $L = 40.000m$		$i = -3.659\%$ $L = 234.061$		$R = 1818.787m$ $L = 40.000m$			
FINISH ELEVATION	709.778	708.879	707.981	707.082	706.183	705.284	704.385	703.486	702.587	701.688	700.789	699.890	698.991	698.092	697.193	696.294	695.395	694.496		
EXISTING ELEVATION	709.750	708.972	707.709	707.187	706.349	705.455	704.522	703.886	703.373	702.874	702.180	701.446	700.621	699.692	698.648	697.426	696.048	694.505		
STATION	308+600.000	308+620.000	308+640.000	308+660.000	308+680.000	308+700.000	308+720.000	308+740.000	308+760.000	308+780.000	308+800.000	308+820.000	308+840.000	308+860.000	308+880.000	308+900.000	308+920.000	308+940.000		
HORIZONTAL GEOMETRY	$A = 25.10$ $L = 21.00$ $R = 30.00$		$A = 25.10$ $L = 21.00$ $R = 30.00$		$A = 25.10$ $L = 21.00$ $R = 30.00$		$A = 32.40$ $L = 10.48$ $R = 15.00$		$A = 44.90$ $L = 10.48$ $R = 15.00$		$A = 32.40$ $L = 10.48$ $R = 15.00$		$A = 32.40$ $L = 10.48$ $R = 15.00$		$A = 32.40$ $L = 10.48$ $R = 15.00$		$A = 32.40$ $L = 10.48$ $R = 15.00$		$A = 32.40$ $L = 10.48$ $R = 15.00$	



National Highways & Infrastructure Development Corporation Limited



JAPAN INTERNATIONAL COOPERATION AGENCY

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Rev.	Date.	Drawn.	Checked.	Approved.

WIDENING AND UPGRADATION TO 2 LANE WITH PAVED SHOULDER CONFIGURATION AND GEOMETRIC IMPROVEMENTS IN THE STATE OF MIZORAM

Designed.

Checked.

Approved.

Drawn.

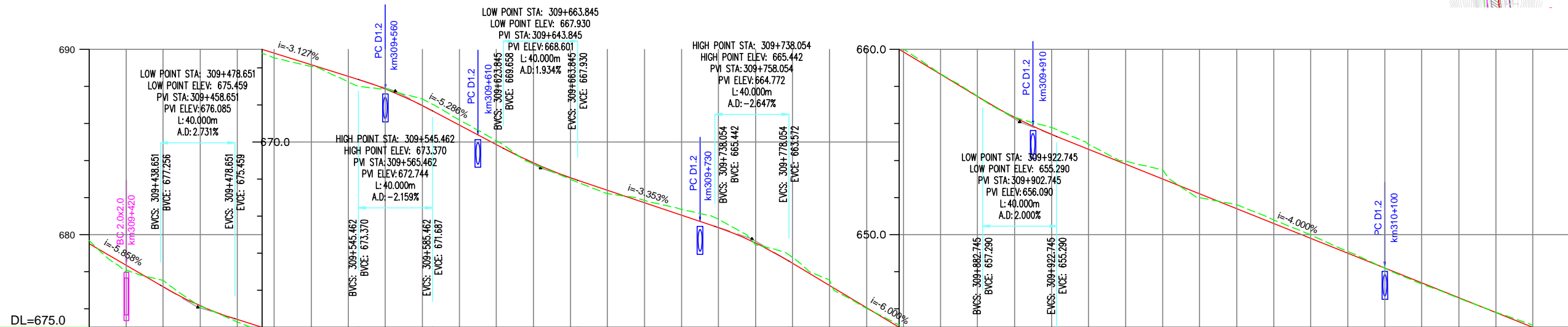
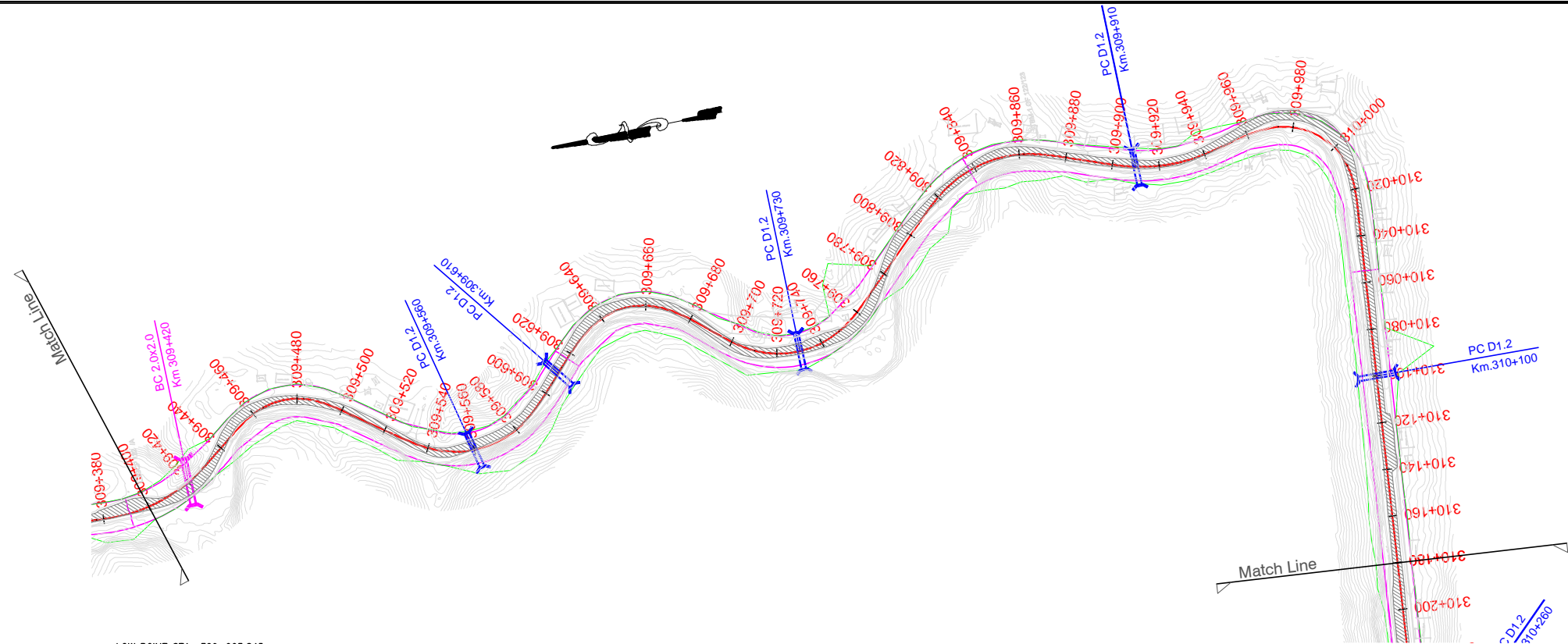
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Date.

Drawing Title :-
NH - 54 P7
PLAN & PROFILE
STATION - KM 308+600 - KM 309+400

Drawing No:-
NH - 54 - P7 - PP

Sheet No:-
18 OF 49



VERTICAL GEOMETRY																																																														
FINISH ELEVATION	679.521	679.671	679.349	677.178	675.417	674.792	674.166	673.541	672.858	671.968	670.919	669.861	668.867	668.063	667.389	666.718	666.048	665.376	664.547	663.455	662.255	661.055	659.855	658.655	657.455	656.329	655.402	654.600	653.800	653.000	652.200	651.400	650.600	649.800	649.000	648.200	647.400	646.600	645.800	645.000																						
EXISTING ELEVATION	679.521	679.671	678.096	677.528	675.289	674.544	674.067	673.239	672.840	672.321	671.180	670.064	668.832	667.984	667.207	666.836	666.372	665.837	664.450	663.774	662.556	661.014	659.999	658.676	657.466	656.327	655.779	654.857	653.956	653.496	652.989	651.615	650.789	649.984	649.080	648.193	647.331	646.560	645.816	645.116																						
STATION	309+400.000	309+420.000	309+440.000	309+460.000	309+480.000	309+500.000	309+520.000	309+540.000	309+560.000	309+580.000	309+600.000	309+620.000	309+640.000	309+660.000	309+680.000	309+700.000	309+720.000	309+740.000	309+760.000	309+780.000	309+800.000	309+820.000	309+840.000	309+860.000	309+880.000	309+900.000	309+920.000	309+940.000	309+960.000	309+980.000	310+000.000	310+020.000	310+040.000	310+060.000	310+080.000	310+100.000	310+120.000	310+140.000	310+160.000	310+180.000																						
HORIZONTAL GEOMETRY																																																														



National Highways & Infrastructure
Development Corporation Limited



JAPAN INTERNATIONAL
COOPERATION AGENCY

REMARKS:

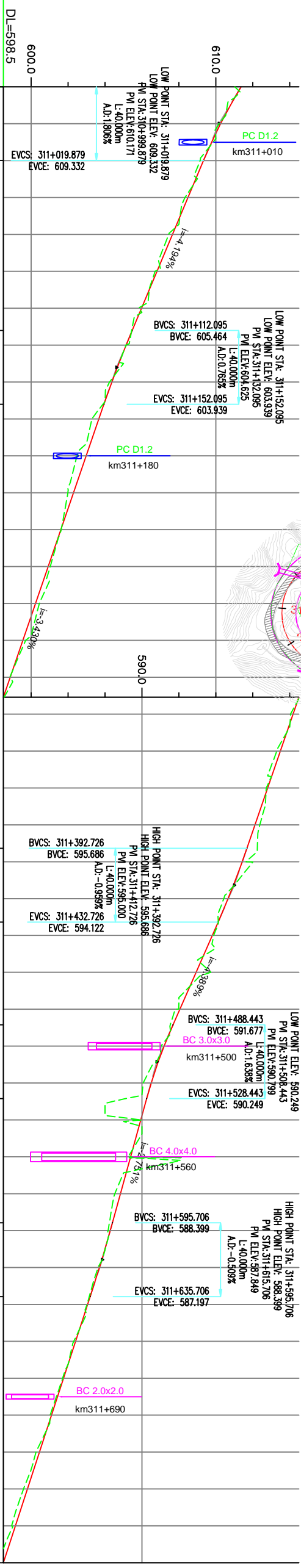
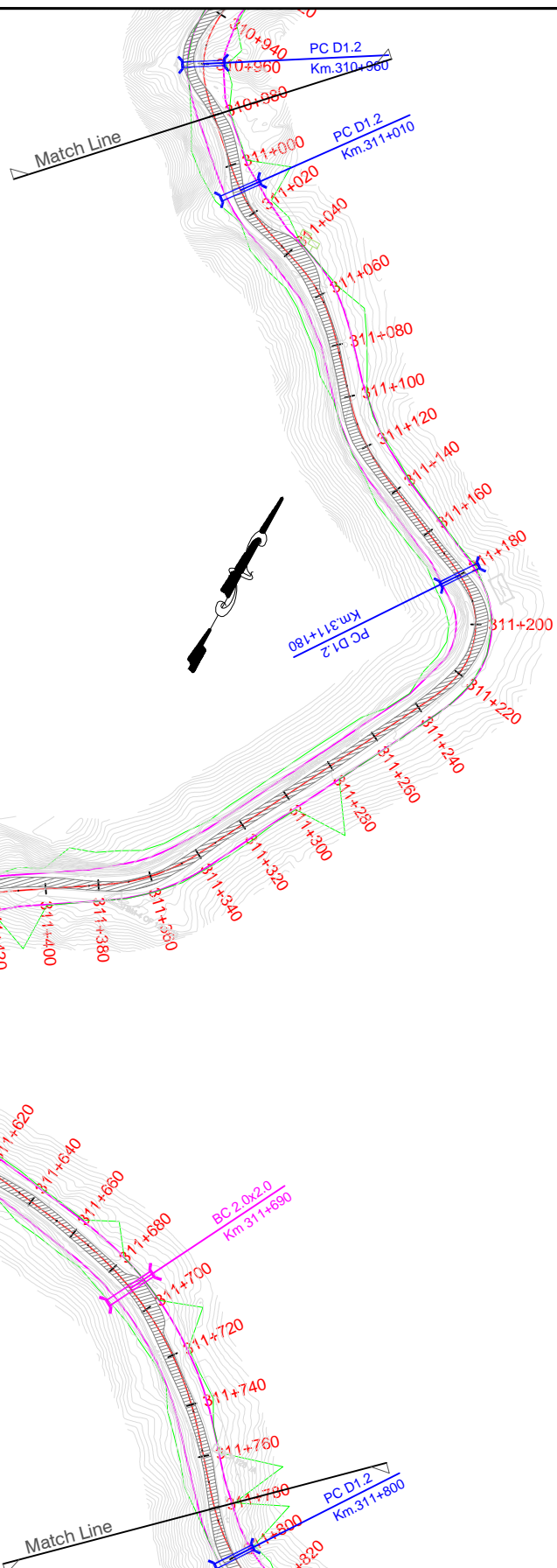
- 1: All Dimensions are in m.
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WIDENING AND UPGRADATION TO 2 LANE WITH PAVED
SHOULDER CONFIGURATION AND GEOMETRIC
IMPROVEMENTS IN THE STATE OF MIZORAM

Designed.	Checked	Approved.
Drawn.	Scale. H=1 : 2500 V=1:250	Date.

Drawing Title :-
NH - 54 P7
PLAN & PROFILE
STATION - KM 309+400 - KM 310+180

Drawing No:-
NH - 54 - P7 - PP
Sheet No:-
19 OF 49

[illegible]

REMARKS:


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Drawing Title :-

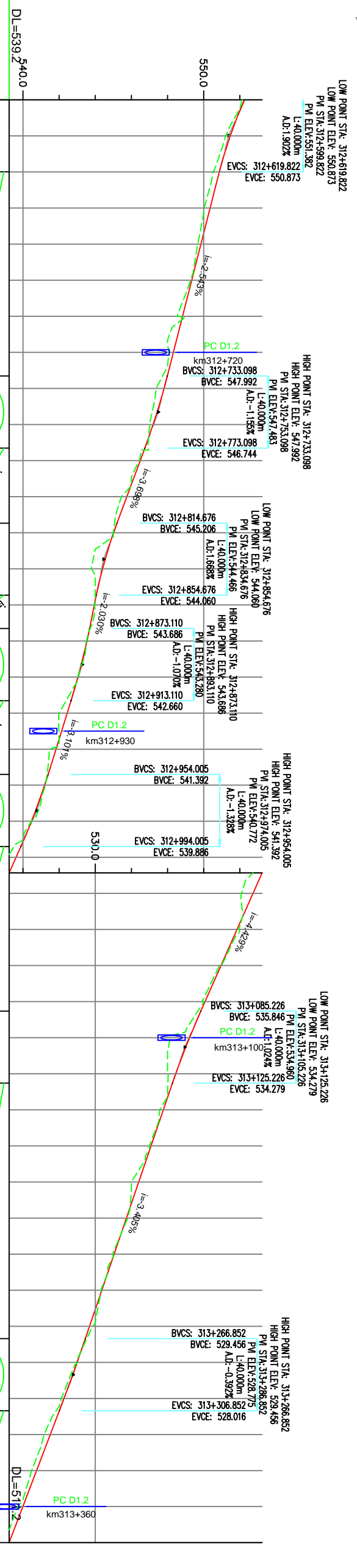
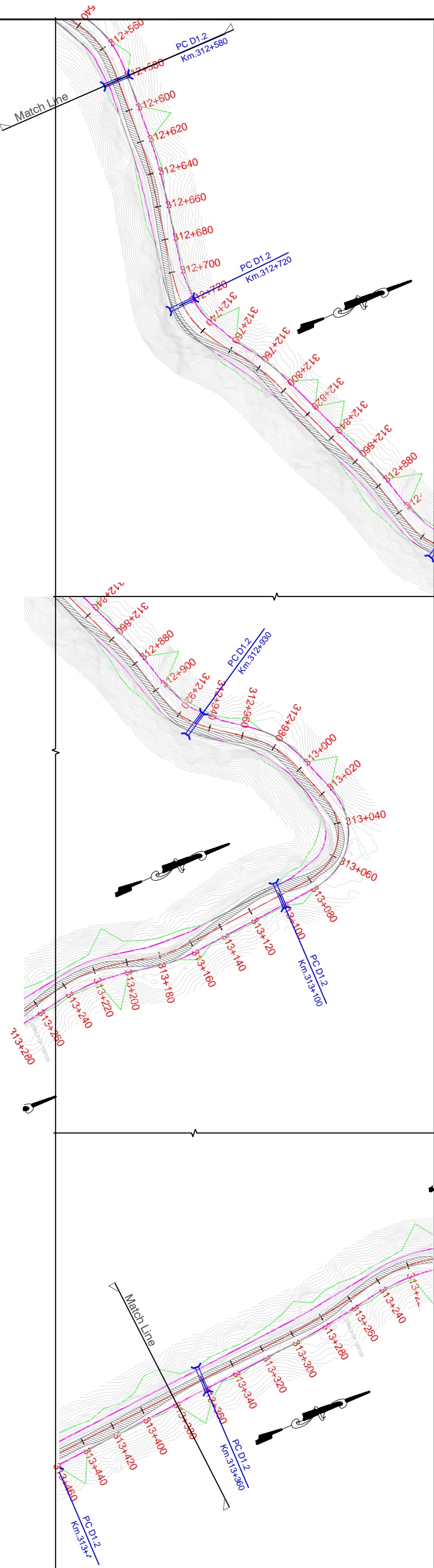
NH - 54 P7

STATION - KM 310+980 - KM 311+780

National Highways & Infrastructure
Development Corporation Limited

JAPAN INTERNATIONAL
COOPERATION AGENCY

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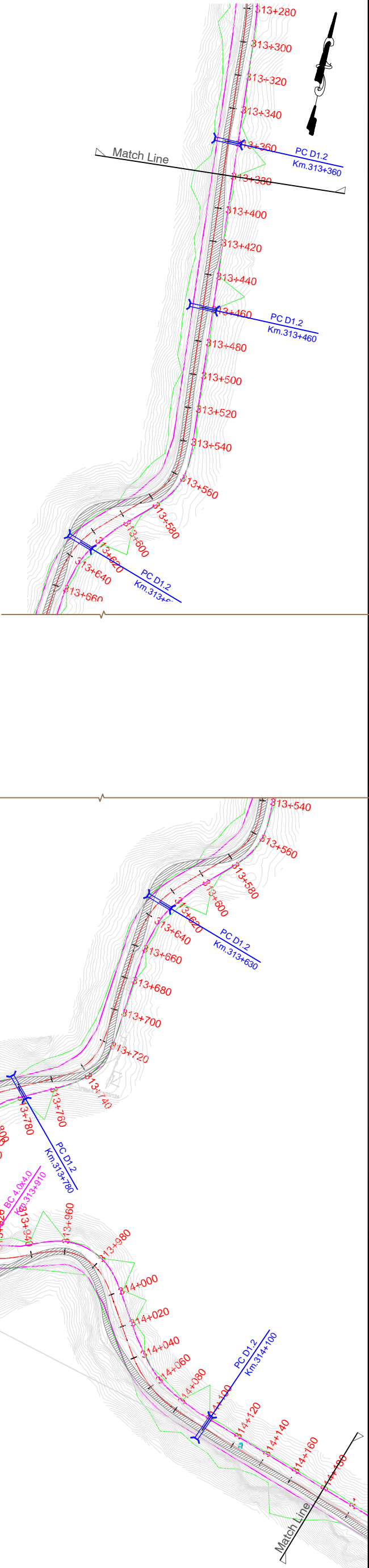
VERTICAL GEOMETRY			DL=539.240.0		
FINISH ELEVATION	EXISTING ELEVATION	STATION			
552.263	552.263	312+580.000			
551.471	551.471	312+600.000			
550.869	550.869	312+620.000			
550.360	550.360	312+640.000			
549.851	549.851	312+660.000			
549.343	549.343	312+680.000			
548.834	548.834	312+700.000			
548.325	548.325	312+720.000			
547.810	547.810	312+740.000			
547.203	547.203	312+760.000			
546.489	546.489	312+780.000			
545.749	545.749	312+800.000			
545.015	545.015	312+820.000			
544.403	544.403	312+840.000			
543.952	543.952	312+860.000			
543.540	543.540	312+880.000			
543.043	543.043	312+900.000			
542.446	542.446	312+920.000			
541.826	541.826	312+940.000			
541.200	541.200	312+960.000			
540.474	540.474	312+980.000			
539.620	539.620	313+000.000			
538.735	538.735	313+020.000			
537.849	537.849	313+040.000			
536.963	536.963	313+060.000			
536.077	536.077	313+080.000			
535.219	535.219	313+100.000			
534.460	534.460	313+120.000			
533.776	533.776	313+140.000			
533.095	533.095	313+160.000			
532.414	532.414	313+180.000			
531.733	531.733	313+200.000			
531.052	531.052	313+220.000			
530.371	530.371	313+240.000			
529.690	529.690	313+260.000			
529.000	529.000	313+280.000			
528.274	528.274	313+300.000			
527.516	527.516	313+320.000			
526.757	526.757	313+340.000			
525.998	525.998	313+360.000			
525.238	525.238	313+380.000			

National Highways & Infrastructure Development Corporation Limited

1. All Dimensions are in m.
2. BC = Box Culvert
3. PC = Pipe Culvert

WIDENING AND UPGRADATION TO 2 LANE WITH PAVED SHOULDER CONFIGURATION AND GEOMETRIC IMPROVEMENTS IN THE STATE OF MIZORAM

Drawing Title :-
NH - 54 P7
PLAN & PROFILE
STATION - KM 312+580 - KM 313+380



VERTICAL GEOMETRY	FINISH ELEVATION	EXISTING ELEVATION	STATION	HORIZONTAL GEOMETRY
DL=515.1	525.238	525.238	313+380.000	L=238.56
	524.479	524.479	313+400.000	
	523.719	523.719	313+420.000	
	522.960	522.960	313+440.000	
	522.200	522.200	313+460.000	
	521.441	521.441	313+480.000	
	520.682	520.682	313+500.000	
	519.933	519.933	313+520.000	
	519.302	519.302	313+540.000	
	518.802	518.802	313+560.000	
	518.324	518.324	313+580.000	
	517.718	517.718	313+600.000	
	516.936	516.936	313+620.000	
	516.100	516.100	313+640.000	
	515.264	515.264	313+660.000	
	514.430	514.430	313+680.000	
	513.631	513.631	313+700.000	
	512.883	512.883	313+720.000	
	512.152	512.152	313+740.000	
	511.394	511.394	313+760.000	
	510.585	510.585	313+780.000	
	509.757	509.757	313+800.000	
	509.058	509.058	313+820.000	
	508.526	508.526	313+840.000	
	508.038	508.038	313+860.000	
	507.421	507.421	313+880.000	
	506.584	506.584	313+900.000	
	505.653	505.653	313+920.000	
	504.723	504.723	313+940.000	
	503.793	503.793	313+960.000	
	502.912	502.912	313+980.000	
	502.128	502.128	314+000.000	
	501.394	501.394	314+020.000	
	500.662	500.662	314+040.000	
	499.964	499.964	314+060.000	
	499.308	499.308	314+080.000	
	498.662	498.662	314+100.000	
	498.017	498.017	314+120.000	
	497.371	497.371	314+140.000	
	496.726	496.726	314+160.000	
	496.080	496.080	314+180.000	

National Highways & Infrastructure Development Corporation Limited

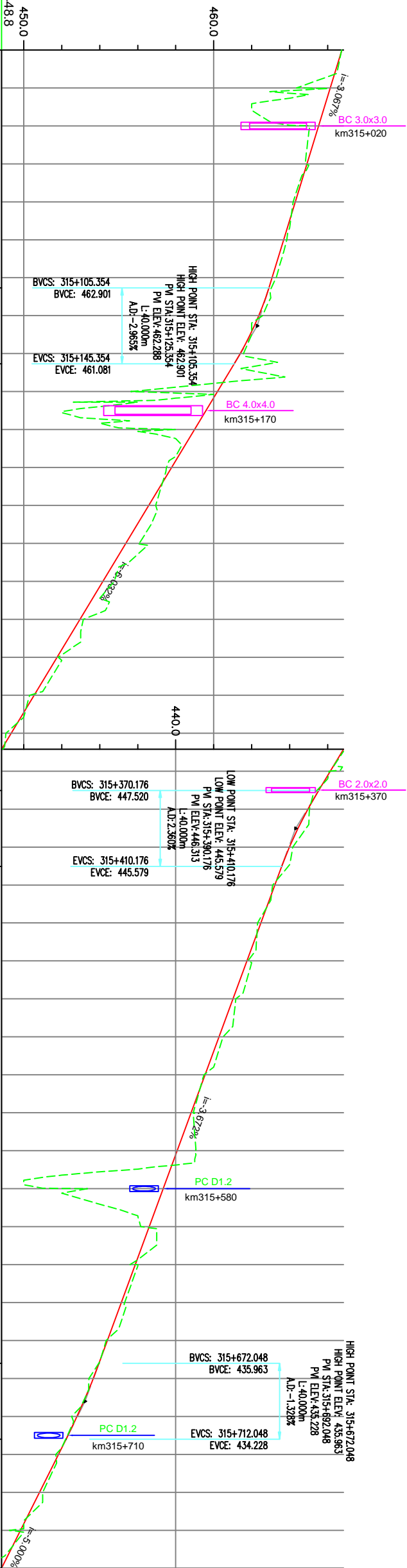
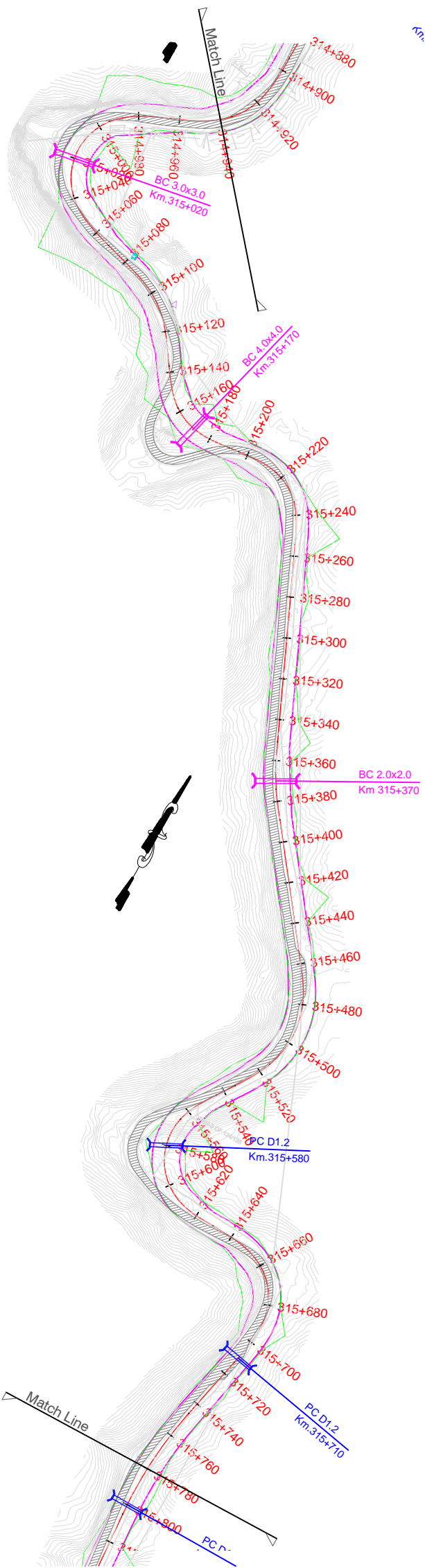
REMARKS:
1. All Dimensions are in m.
2. BC = Box Culvert
3. PC = Pipe Culvert

WIDENING AND UPGRADATION TO 2 LANE WITH PAVED SHOULDER CONFIGURATION AND GEOMETRIC IMPROVEMENTS IN THE STATE OF MIZORAM

Drawing Title :-
NH - 54 P7
PLAN & PROFILE
STATION - KM 313+380 - KM 314+180

JICA
JAPAN INTERNATIONAL COOPERATION AGENCY

Rev.	Date.	Drawn.	Checked.	Approved.	Scale.	Date.	Sheet No.-
					H=1 : 2500 V=1:250		24 OF 49



VERTICAL GEOMETRY		FINISH ELEVATION		EXISTING ELEVATION		STATION		HORIZONTAL GEOMETRY	
DL=448.8		450.0		460.0		440.0		450.0	
$I = -3.0672\%$ $L = 205.354$		$R = 1349.100m$ $L = 40.000m$		$I = -6.032\%$ $L = 224.822$		$R = 1695.01m$ $L = 40.000m$		$I = -3.672\%$ $L = 261.873$	
314+980.000		466.746		466.746		314+980.000		A=30.00 L=30.00	
315+000.000		466.132		466.132		315+000.000		A=30.00 L=30.00	
315+020.000		465.519		465.519		315+020.000		A=30.00 L=30.00	
315+040.000		464.905		464.905		315+040.000		A=30.00 L=30.00	
315+060.000		464.292		464.292		315+060.000		A=30.00 L=30.00	
315+080.000		463.679		463.679		315+080.000		A=30.00 L=30.00	
315+100.000		463.065		463.065		315+100.000		A=30.00 L=30.00	
315+120.000		462.372		462.372		315+120.000		A=30.00 L=30.00	
315+140.000		461.394		461.394		315+140.000		A=30.00 L=30.00	
315+160.000		460.198		460.198		315+160.000		A=30.00 L=30.00	
315+180.000		458.991		458.991		315+180.000		A=30.00 L=30.00	
315+200.000		457.785		457.785		315+200.000		A=30.00 L=30.00	
315+220.000		456.579		456.579		315+220.000		A=30.00 L=30.00	
315+240.000		455.372		455.372		315+240.000		A=30.00 L=30.00	
315+260.000		454.166		454.166		315+260.000		A=30.00 L=30.00	
315+280.000		452.959		452.959		315+280.000		A=30.00 L=30.00	
315+300.000		451.753		451.753		315+300.000		A=30.00 L=30.00	
315+320.000		450.546		450.546		315+320.000		A=30.00 L=30.00	
315+340.000		449.340		449.340		315+340.000		A=30.00 L=30.00	
315+360.000		448.134		448.134		315+360.000		A=30.00 L=30.00	
315+380.000		446.956		446.956		315+380.000		A=30.00 L=30.00	
315+400.000		445.983		445.983		315+400.000		A=30.00 L=30.00	
315+420.000		445.218		445.218		315+420.000		A=30.00 L=30.00	
315+440.000		444.484		444.484		315+440.000		A=30.00 L=30.00	
315+460.000		443.749		443.749		315+460.000		A=30.00 L=30.00	
315+480.000		443.015		443.015		315+480.000		A=30.00 L=30.00	
315+500.000		442.281		442.281		315+500.000		A=30.00 L=30.00	
315+520.000		441.546		441.546		315+520.000		A=30.00 L=30.00	
315+540.000		440.812		440.812		315+540.000		A=30.00 L=30.00	
315+560.000		440.077		440.077		315+560.000		A=30.00 L=30.00	
315+580.000		439.343		439.343		315+580.000		A=30.00 L=30.00	
315+600.000		438.608		438.608		315+600.000		A=30.00 L=30.00	
315+620.000		437.874		437.874		315+620.000		A=30.00 L=30.00	
315+640.000		437.139		437.139		315+640.000		A=30.00 L=30.00	
315+660.000		436.405		436.405		315+660.000		A=30.00 L=30.00	
315+680.000		435.660		435.660		315+680.000		A=30.00 L=30.00	
315+700.000		434.807		434.807		315+700.000		A=30.00 L=30.00	
315+720.000		433.831		433.831		315+720.000		A=30.00 L=30.00	
315+740.000		432.831		432.831		315+740.000		A=30.00 L=30.00	
315+760.000		431.831		431.831		315+760.000		A=30.00 L=30.00	
315+780.000		430.831		430.831		315+780.000		A=30.00 L=30.00	

National Highways & Infrastructure Development Corporation Limited

JAPAN INTERNATIONAL COOPERATION AGENCY

REMARKS:

1. All Dimensions are in m.
2. BC = Box Culvert
3. PC = Pipe Culvert

WIDENING AND UPGRADATION TO 2 LANE WITH PAVED SHOULDER CONFIGURATION AND GEOMETRIC IMPROVEMENTS IN THE STATE OF MIZORAM

Drawing Title :-
NH - 54 P7
PLAN & PROFILE
STATION - KM 314+980 - KM 315+780

Designed:

Checked:

Approved:

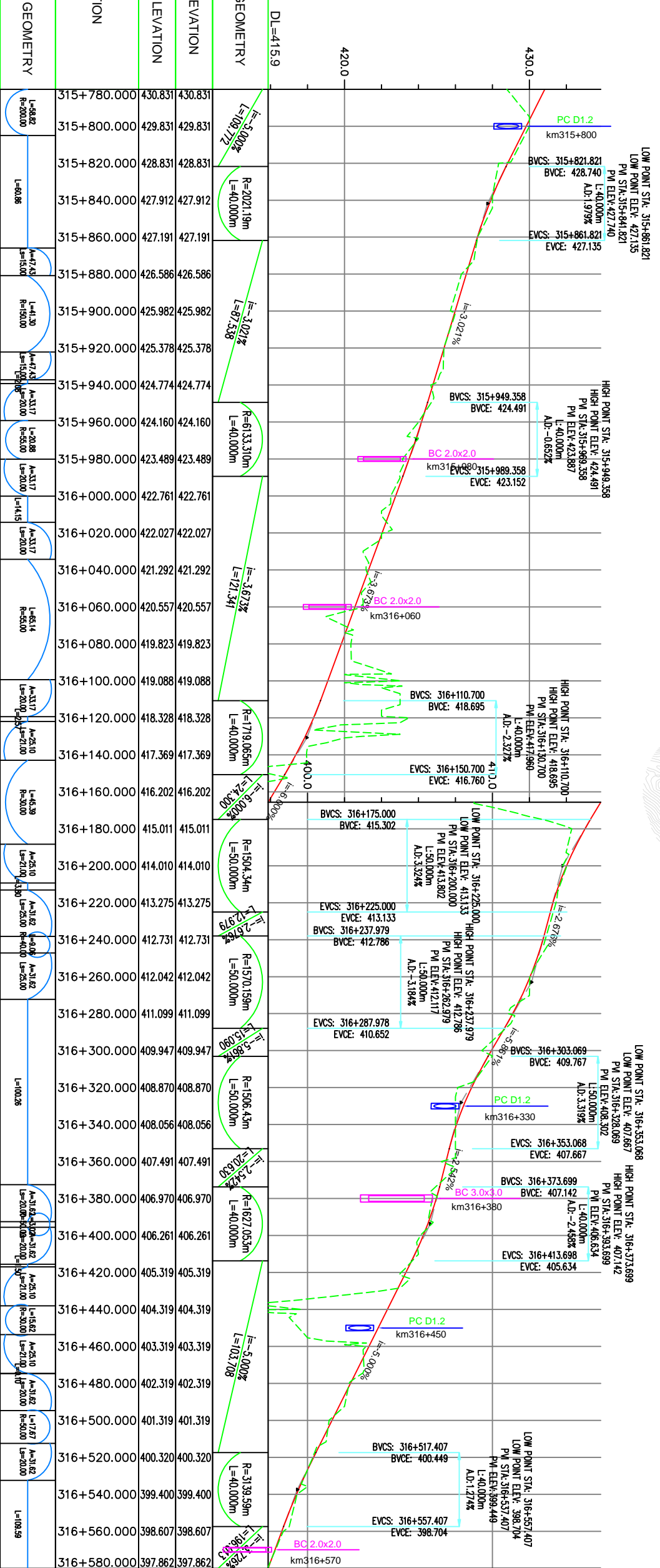
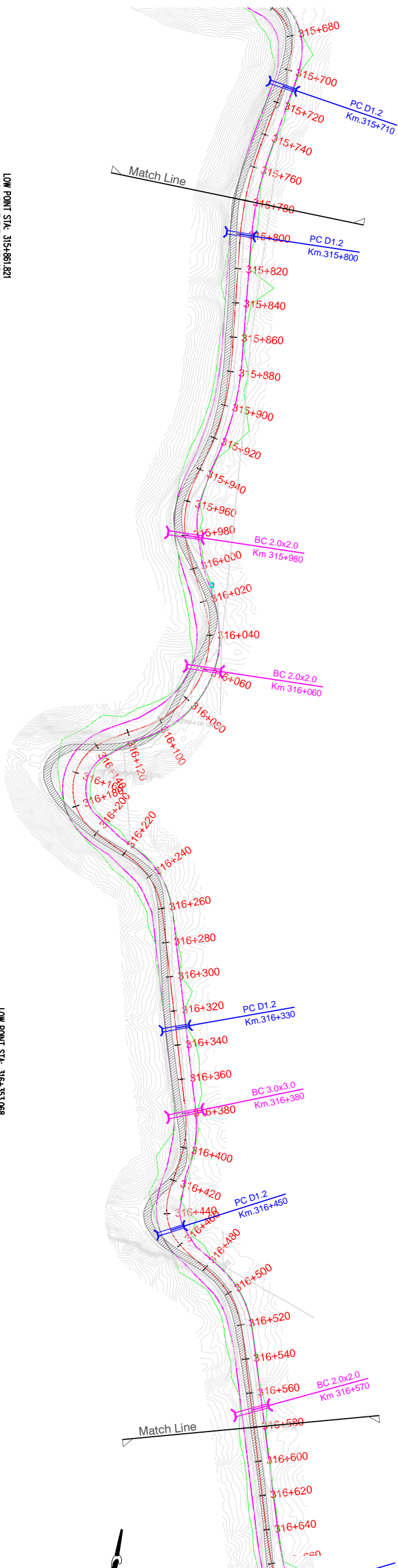
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Scale: H=1 : 2500
V=1:250

Date:

Drawing No:-
NH - 54 - P7 - PP

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26 OF 49




VERTICAL GEOMETRY	STATION	EXISTING ELEVATION	FINISH ELEVATION
DI=415.9	315+780.000	430.831	430.831
	315+800.000	429.831	429.831
	315+820.000	428.831	428.831
	315+840.000	427.912	427.912
L=108.772 R=2021.19m L=40.000m	315+860.000	427.191	427.191
	315+880.000	426.586	426.586
	315+900.000	425.982	425.982
	315+920.000	425.378	425.378
L=87.338 R=613.310m L=40.000m	315+940.000	424.774	424.774
	315+960.000	424.160	424.160
	315+980.000	423.489	423.489
	316+000.000	422.761	422.761
L=121.347 R=1719.065m L=40.000m	316+020.000	422.027	422.027
	316+040.000	421.292	421.292
	316+060.000	420.557	420.557
	316+080.000	419.823	419.823
L=24.300 R=1504.34m L=50.000m	316+100.000	419.088	419.088
	316+120.000	418.328	418.328
	316+140.000	417.369	417.369
	316+160.000	416.202	416.202
L=25.10 R=1570.159m L=50.000m	316+180.000	415.011	415.011
	316+200.000	414.010	414.010
	316+220.000	413.275	413.275
	316+240.000	412.731	412.731
L=100.26 R=1627.063m L=40.000m	316+260.000	412.042	412.042
	316+280.000	411.099	411.099
	316+300.000	409.947	409.947
	316+320.000	408.870	408.870
L=102.708 R=3139.59m L=40.000m	316+340.000	408.056	408.056
	316+360.000	407.491	407.491
	316+380.000	406.970	406.970
	316+400.000	406.261	406.261
L=109.59 R=1961.708m L=40.000m	316+420.000	405.319	405.319
	316+440.000	404.319	404.319
	316+460.000	403.319	403.319
	316+480.000	402.319	402.319
L=109.59 R=1961.708m L=40.000m	316+500.000	401.319	401.319
	316+520.000	400.320	400.320
	316+540.000	399.400	399.400
	316+560.000	398.607	398.607
L=109.59 R=1961.708m L=40.000m	316+580.000	397.862	397.862

REMARKS:


- 1: All Dimensions are in m.
- 2: BC = Box Culvert
- 3: PC = Pipe Culvert

WIDENING AND UPGRADE TO 2 LANE WITH PAVED SHOULDER CONFIGURATION AND GEOMETRIC IMPROVEMENTS IN THE STATE OF MIZORAM

Drawing Title :-
NH - 54 P7
PLAN & PROFILE
STATION - KM 315+780 - KM 316+580



National Highways & Infrastructure Development Corporation Limited



JAPAN INTERNATIONAL COOPERATION AGENCY

Rev.	Date.	Drawn.	Checked.	Approved.	Scale.	Date.	Sheet No.-
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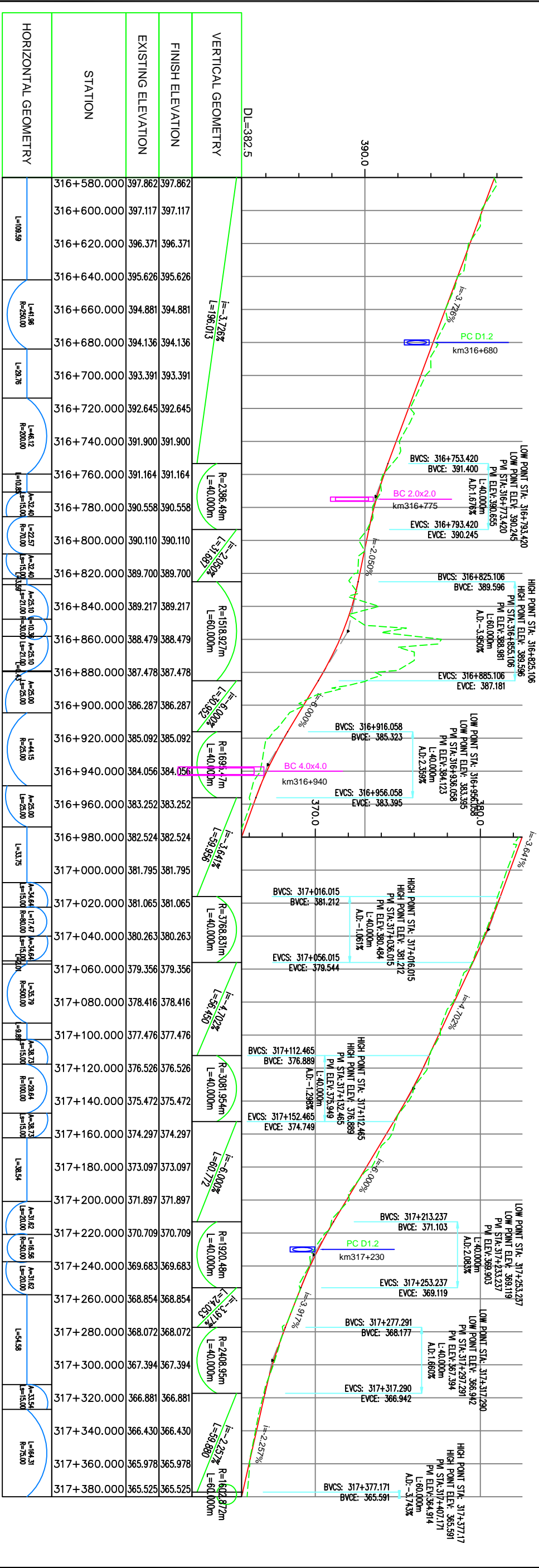
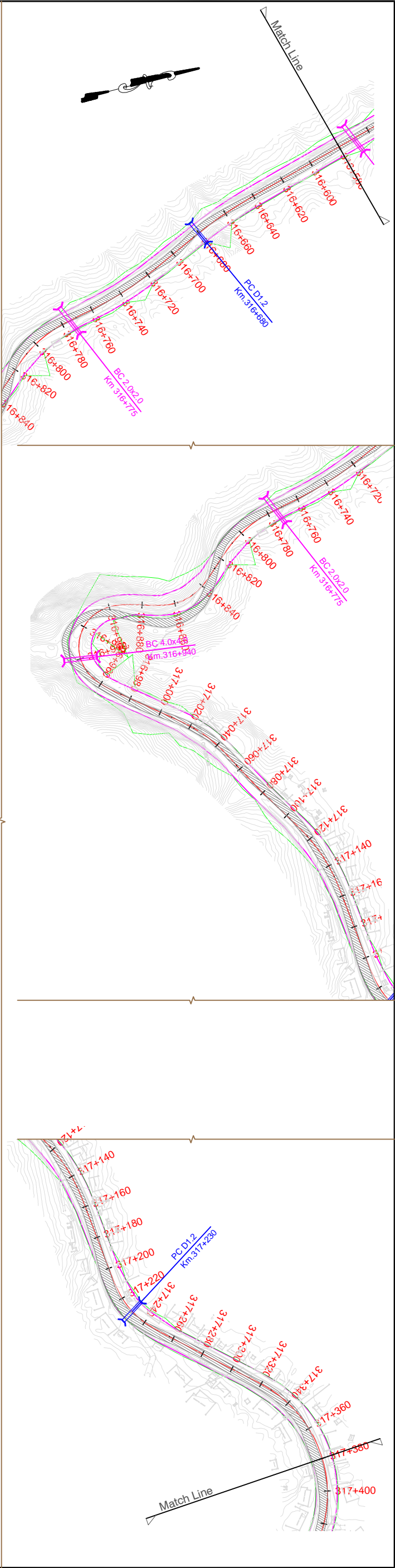
Designated

Checked

Approved

Drawing No.-

NH - 54 - P7 - PP



VERTICAL GEOMETRY			FINISH ELEVATION	EXISTING ELEVATION	STATION	HORIZONTAL GEOMETRY
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REMARKS:

1. All Dimensions are in m.
2. BC = Box Culvert
3. PC = Pipe Culvert

WIDENING AND UPGRADE TO 2 LANE WITH PAVED SHOULDER CONFIGURATION AND GEOMETRIC IMPROVEMENTS IN THE STATE OF MIZORAM

Drawing Title :-
NH - 54 P7
PLAN & PROFILE
STATION - KM 316+580 - KM 317+380

JICA
JAPAN INTERNATIONAL
COOPERATION AGENCY

Rev.

Date.

Drawn.

Checked.

Approved.

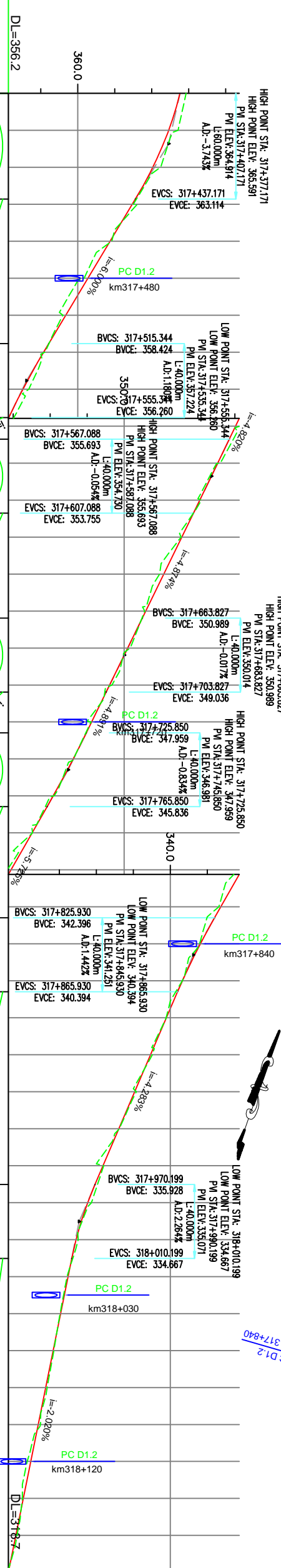
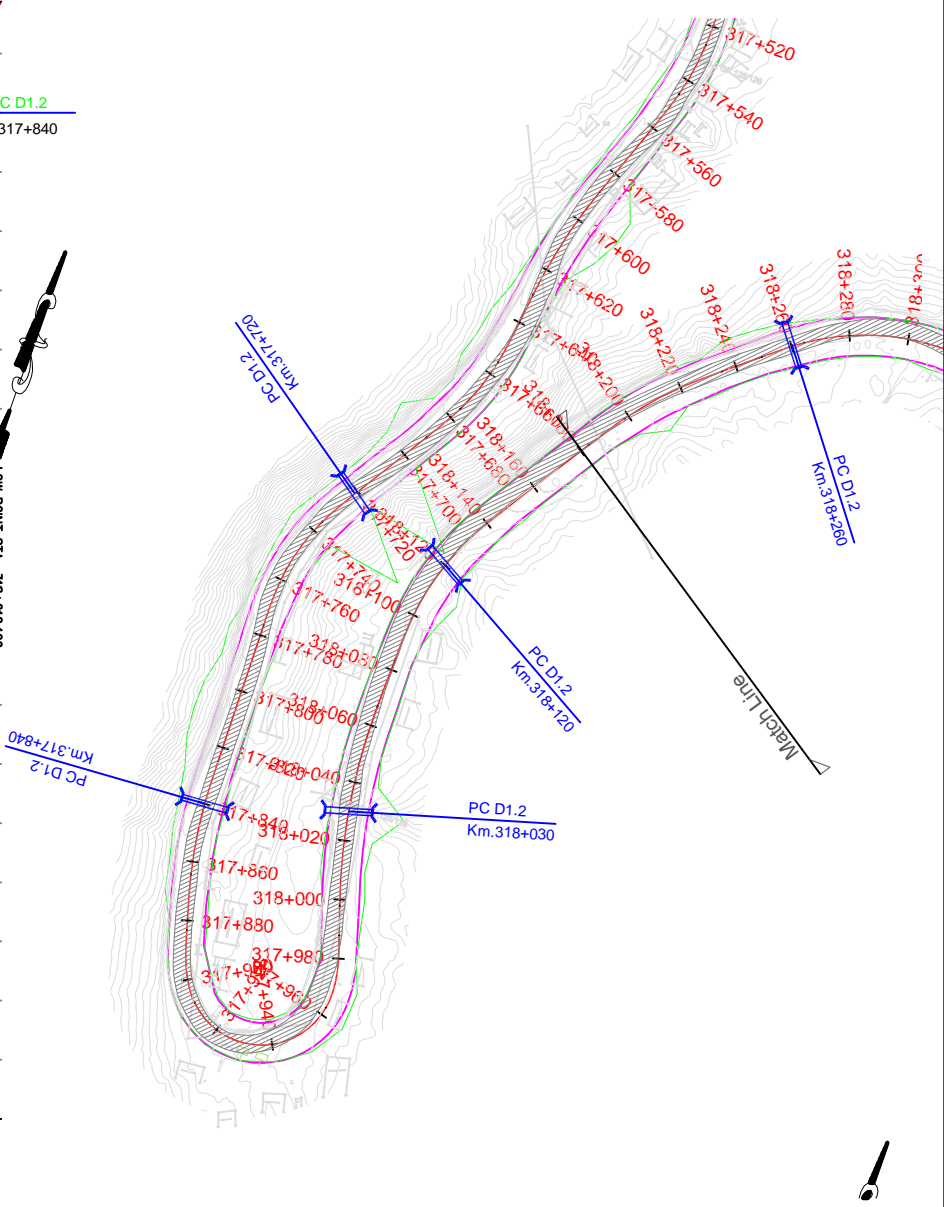
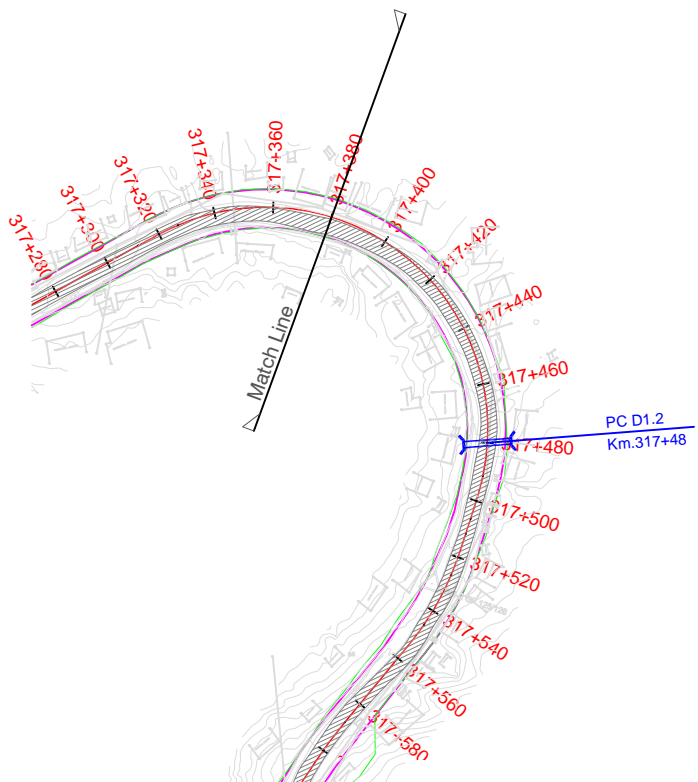
Scale.

H=1 : 2500
V=1:250

Date.

Sheet No.-

NH - 54 - P7 - PP
28 OF 49



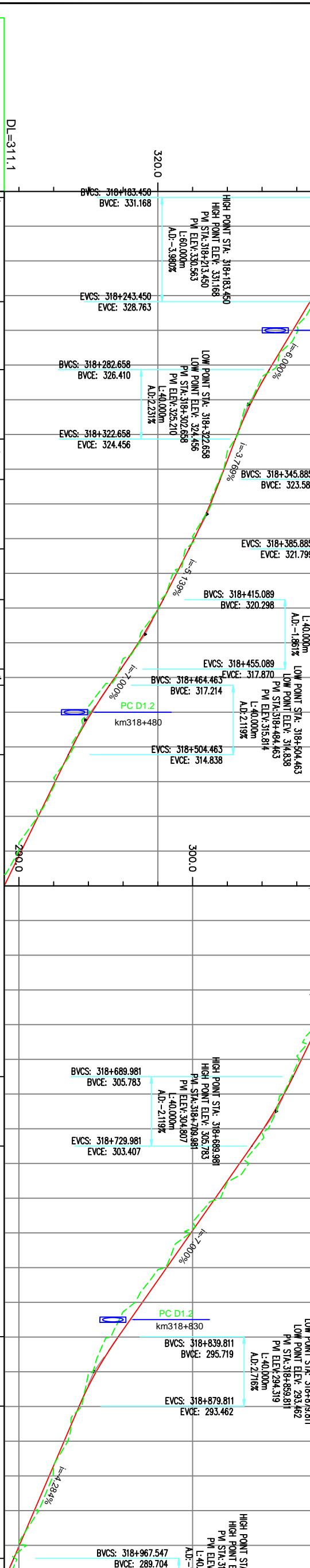
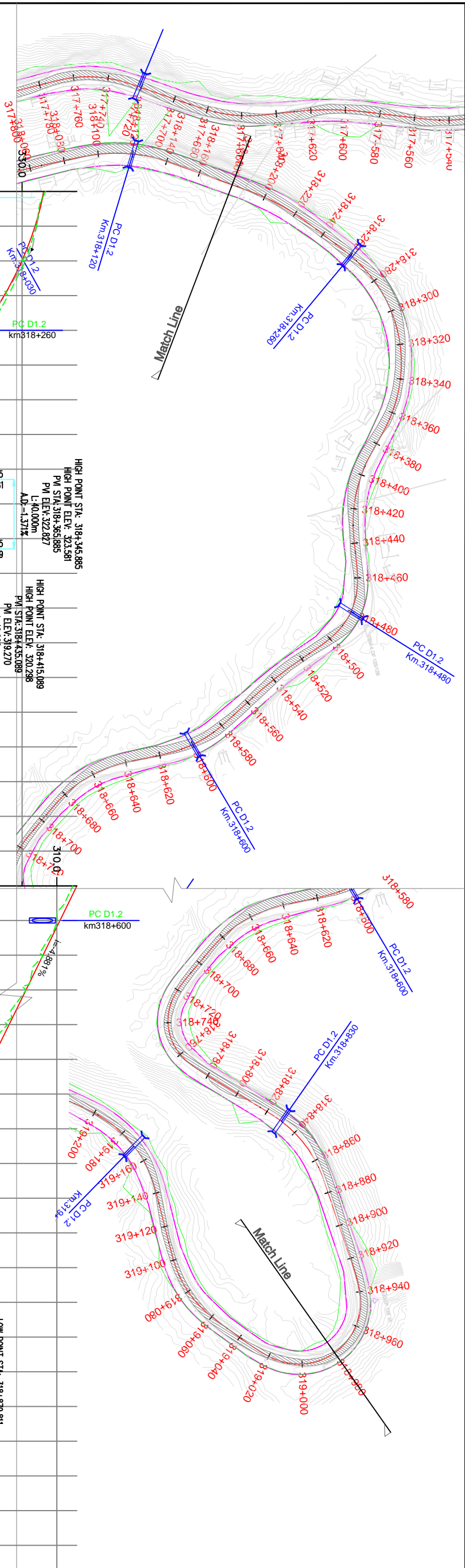
VERTICAL GEOMETRY	R=1602.872m L=60.000m		i=-6.000% L=8.173	R=3389.60m L=40.000m	R=4063.666m L=40.000m	i=-4.874% L=36.740	R=232949.374m L=40.000m	i=-2.083% L=40.000m	R=4795.435m L=40.000m	i=-5.752% L=60.080	R=2774.37m L=40.000m	i=-4.293% L=104.289	R=1766.94m L=40.000m	i=-2.020% L=173.252
FINISH ELEVATION	317+380.000	365.525	365.525											
	317+400.000	364.913	364.913											
EXISTING ELEVATION	317+420.000	364.052	364.052											
	317+440.000	362.944	362.944											
STATION	317+460.000	361.744	361.744											
	317+480.000	360.544	360.544											
	317+500.000	359.344	359.344											
	317+520.000	358.147	358.147											
	317+540.000	357.034	357.034											
	317+560.000	356.035	356.035											
	317+580.000	355.070	355.070											
	317+600.000	354.100	354.100											
	317+620.000	353.125	353.125											
	317+640.000	352.151	352.151											
	317+660.000	351.176	351.176											
	317+680.000	350.200	350.200											
	317+700.000	349.223	349.223											
	317+720.000	348.245	348.245											
	317+740.000	347.246	347.246											
	317+760.000	346.167	346.167											
	317+780.000	345.026	345.026											
	317+800.000	343.881	343.881											
	317+820.000	342.736	342.736											
	317+840.000	341.626	341.626											
	317+860.000	340.655	340.655											
	317+880.000	339.792	339.792											
	317+900.000	338.935	338.935											
	317+920.000	338.078	338.078											
	317+940.000	337.222	337.222											
	317+960.000	336.365	336.365											
	317+980.000	335.535	335.535											
	318+000.000	334.903	334.903											
	318+020.000	334.470	334.470											
	318+040.000	334.066	334.066											
	318+060.000	333.662	333.662											
	318+080.000	333.258	333.258											
	318+100.000	332.854	332.854											
	318+120.000	332.450	332.450											
	318+140.000	332.046	332.046											
	318+160.000	331.642	331.642											
	318+180.000	331.238	331.238											

National Highways & Infrastructure Development Corporation Limited

1: All Dimensions are in m.
2: BC = Box Culvert
3: PC = Pipe Culvert

WIDENING AND UPGRADE TO 2 LANE WITH PAVED SHOULDER CONFIGURATION AND GEOMETRIC IMPROVEMENTS IN THE STATE OF MIZORAM

Drawing Title :- NH - 54 P7 PLAN & PROFILE STATION - KM 317+380 - KM 318+180



VERTICAL GEOMETRY		FINISH ELEVATION		EXISTING ELEVATION		STATION		HORIZONTAL GEOMETRY	
L=1507.403m R=1507.403m L=60.000m		331.238 330.743 329.987		331.345 330.817 330.193		318+180.000 318+200.000 318+220.000		L=47.8 A=42.43 L=21.70 R=120.00 L=15.00 A=42.43 L=14.39 L=15.00	
L=6.000m R=1792.77m L=40.000m		327.770 326.570 325.453		328.078 326.884 325.403		318+240.000 318+260.000 318+280.000 318+300.000 318+320.000		L=30.207 A=46.43 L=14.39 L=15.00	
L=23.727 R=2918.529m L=40.000m		323.803 323.015 322.096		323.790 323.109 322.177		318+340.000 318+360.000 318+380.000		L=23.727 A=46.43 L=14.39 L=15.00	
L=40.000m R=2149.796m L=40.000m		320.040 318.874 317.527		320.077 318.911 317.593		318+400.000 318+420.000 318+440.000		L=40.000m A=46.43 L=14.39 L=15.00	
L=40.000m R=1887.52m L=40.000m		316.191 315.061 314.080		316.098 315.155 314.133		318+460.000 318+480.000 318+500.000		L=40.000m A=46.43 L=14.39 L=15.00	
L=1865.518 R=1867.534m L=40.000m		312.127 311.104 310.175		311.987 313.108 310.920		318+520.000 318+540.000 318+560.000		L=1865.518 A=46.43 L=14.39 L=15.00	
L=1865.518 R=1867.534m L=40.000m		310.175 309.199 308.223		310.024 309.201 308.228		318+580.000 318+600.000 318+620.000		L=1865.518 A=46.43 L=14.39 L=15.00	
L=1865.518 R=1867.534m L=40.000m		307.247 306.271 305.268		307.164 306.145 305.230		318+640.000 318+660.000 318+680.000		L=1865.518 A=46.43 L=14.39 L=15.00	
L=1865.518 R=1867.534m L=40.000m		304.079 303.232 302.706		304.357 303.232 301.600		318+700.000 318+720.000 318+740.000		L=1865.518 A=46.43 L=14.39 L=15.00	
L=1865.518 R=1867.534m L=40.000m		299.906 298.426 297.106		299.877 298.426 296.691		318+760.000 318+780.000 318+800.000		L=1865.518 A=46.43 L=14.39 L=15.00	
L=1865.518 R=1867.534m L=40.000m		295.706 294.444 293.454		295.292 294.259 293.609		318+820.000 318+840.000 318+860.000		L=1865.518 A=46.43 L=14.39 L=15.00	
L=1865.518 R=1867.534m L=40.000m		292.597 291.741 290.884		292.820 291.965 291.141		318+880.000 318+900.000 318+920.000		L=1865.518 A=46.43 L=14.39 L=15.00	
L=1865.518 R=1867.534m L=40.000m		289.144 289.027 289.357		289.431 290.027 289.357		318+940.000 318+960.000 318+980.000		L=1865.518 A=46.43 L=14.39 L=15.00	

REMARKS:

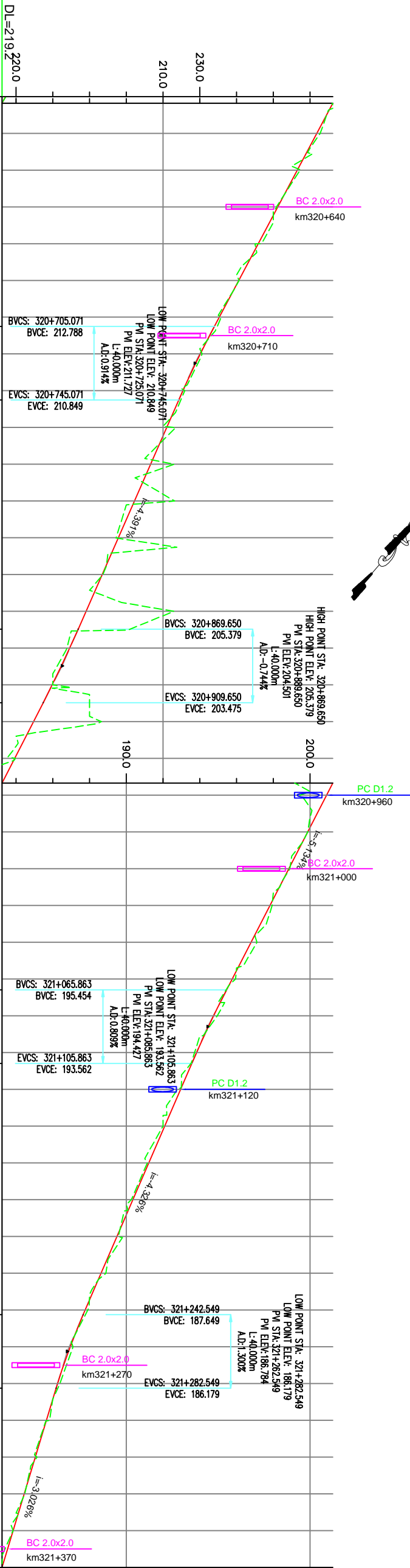
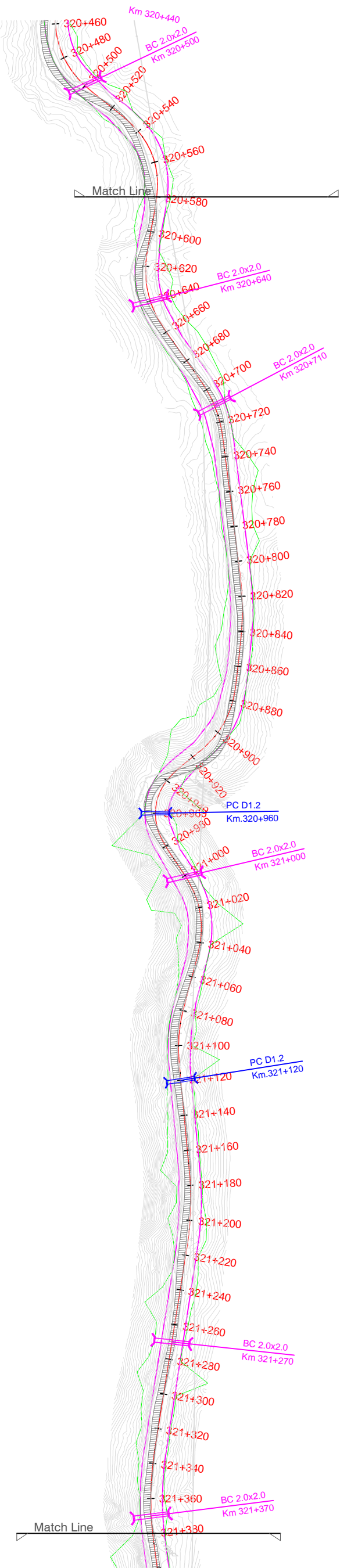
1. All Dimensions are in m.

2. BC = Box Culvert

3. PC = Pipe Culvert

WIDENING AND UPGRADATION TO 2 LANE WITH PAVED SHOULDER CONFIGURATION AND GEOMETRIC IMPROVEMENTS IN THE STATE OF MIZORAM

Drawing Title :- NH - 54 P7 PLAN & PROFILE STATION - KM 318+180 - KM 318+980



VERTICAL GEOMETRY	STATION	EXISTING ELEVATION	FINISH ELEVATION
$I = -5.305\%$ $L = 396.067$	320+580.000	219.423	219.423
	320+600.000	218.362	218.362
	320+620.000	217.301	217.301
	320+640.000	216.240	216.240
	320+660.000	215.179	215.179
	320+680.000	214.118	214.118
	320+700.000	213.057	213.057
$R = 4374.35m$ $L = 40.000m$	320+720.000	212.022	212.022
	320+740.000	211.075	211.075
	320+760.000	210.194	210.194
	320+780.000	209.316	209.316
$I = -4.391\%$ $L = 124.579$	320+800.000	208.438	208.438
	320+820.000	207.559	207.559
	320+840.000	206.681	206.681
	320+860.000	205.803	205.803
$R = 5378.79m$ $L = 40.000m$	320+880.000	204.915	204.915
	320+900.000	203.961	203.961
	320+920.000	202.943	202.943
	320+940.000	201.916	201.916
	320+960.000	200.889	200.889
$I = -5.134\%$ $L = 156.213$	320+980.000	199.863	199.863
	321+000.000	198.836	198.836
	321+020.000	197.809	197.809
	321+040.000	196.782	196.782
	321+060.000	195.755	195.755
$R = 4947.06m$ $L = 40.000m$	321+080.000	194.749	194.749
	321+100.000	193.819	193.819
	321+120.000	192.951	192.951
	321+140.000	192.085	192.085
	321+160.000	191.220	191.220
$I = -4.326\%$ $L = 136.686$	321+180.000	190.355	190.355
	321+200.000	189.490	189.490
	321+220.000	188.625	188.625
	321+240.000	187.760	187.760
$R = 3077.25m$ $L = 40.000m$	321+260.000	186.944	186.944
	321+280.000	186.257	186.257
	321+300.000	185.651	185.651
	321+320.000	185.046	185.046
$I = -3.026\%$ $L = 115.945$	321+340.000	184.441	184.441
	321+360.000	183.836	183.836
	321+380.000	183.230	183.230

REMARKS:

National Highways & Infrastructure
Development Corporation Limited

1. All Dimensions are in m.
2. BC = Box Culvert
3. PC = Pipe Culvert

WIDENING AND UPGRADATION TO 2 LANE WITH PAVED
SHOULDER CONFIGURATION AND GEOMETRIC
IMPROVEMENTS IN THE STATE OF MIZORAM

Drawing Title :-
NH - 54 P7
PLAN & PROFILE
STATION - KM 320+580 - KM 321+380

Designed:

Checked:

Approved:

Drawing No:-

NH - 54 - P7 - PP

JICA
JAPAN INTERNATIONAL
COOPERATION AGENCY

Rev

Date:

Drawn:

Checked:

Approved:

Drawn:

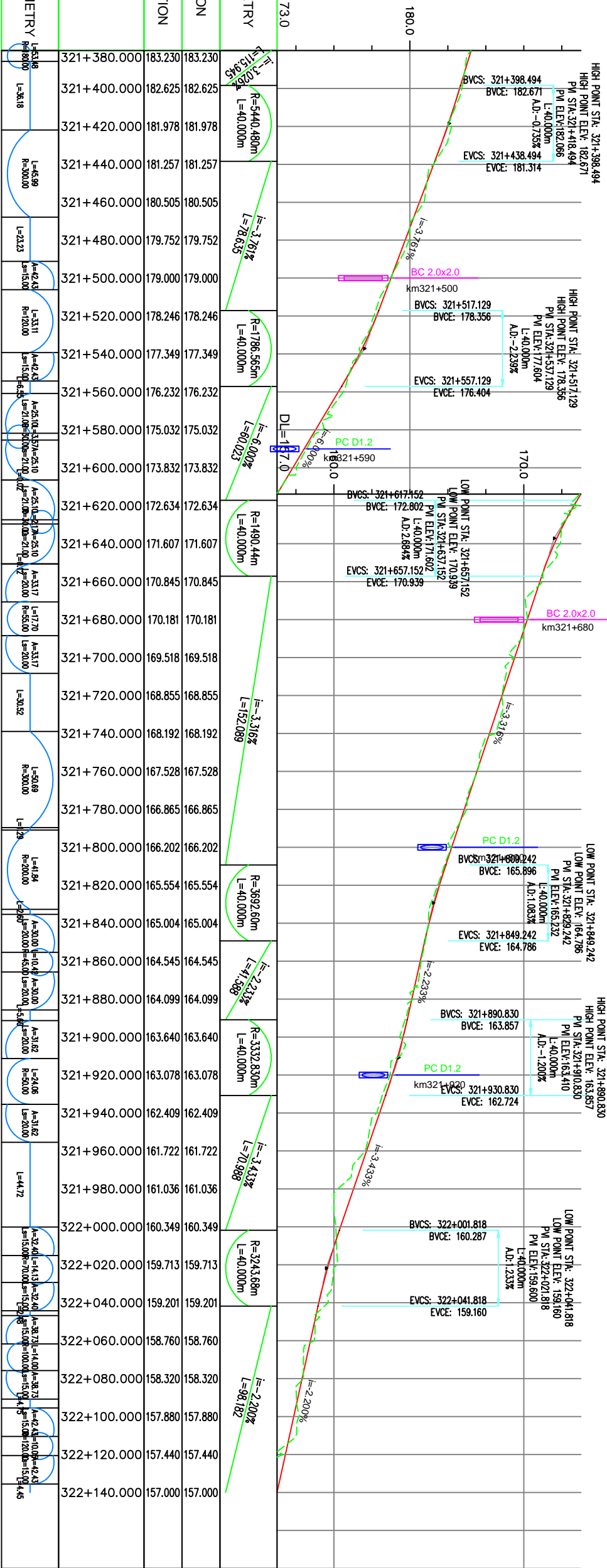
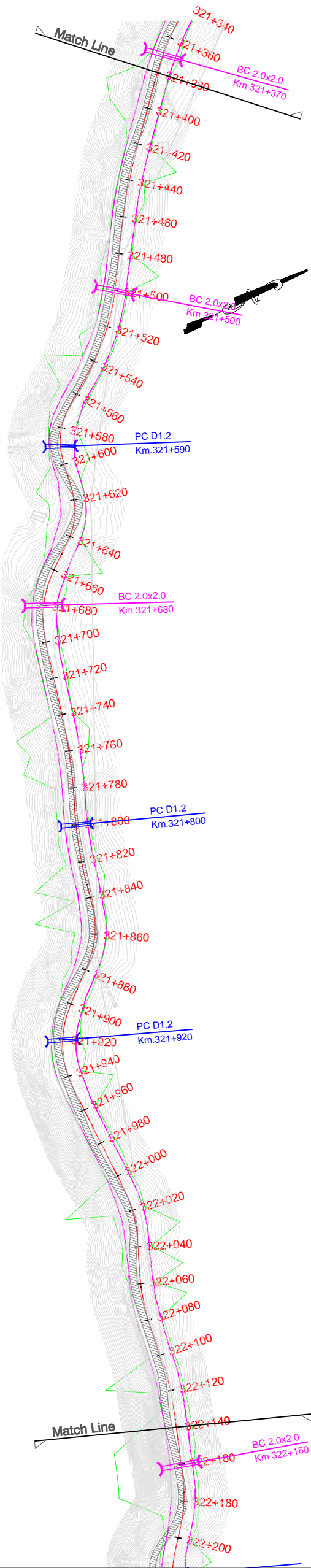
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V=1 : 250

Date:

Sheet No:-

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VERTICAL GEOMETRY	STATION	EXISTING ELEVATION	FINISH ELEVATION	VERTICAL GEOMETRY
L=13.95m R=5440.480m L=40.000m	321+380.000	183.230	183.230	L=13.95m R=5440.480m L=40.000m
L=38.18m R=300.000	321+400.000	182.625	182.625	L=38.18m R=300.000
L=45.99m R=300.000	321+420.000	181.978	181.978	L=45.99m R=300.000
L=23.23m A=42.43 L=15.00	321+440.000	181.257	181.257	L=23.23m A=42.43 L=15.00
L=31.11m A=42.43 L=15.00	321+460.000	179.752	179.752	L=31.11m A=42.43 L=15.00
L=25.10 A=25.10 L=25.10	321+480.000	179.000	179.000	L=25.10 A=25.10 L=25.10
L=25.10 A=25.10 L=25.10	321+500.000	178.246	178.246	L=25.10 A=25.10 L=25.10
L=25.10 A=25.10 L=25.10	321+520.000	177.349	177.349	L=25.10 A=25.10 L=25.10
L=25.10 A=25.10 L=25.10	321+540.000	176.232	176.232	L=25.10 A=25.10 L=25.10
L=25.10 A=25.10 L=25.10	321+560.000	175.032	175.032	L=25.10 A=25.10 L=25.10
L=25.10 A=25.10 L=25.10	321+580.000	173.832	173.832	L=25.10 A=25.10 L=25.10
L=25.10 A=25.10 L=25.10	321+600.000	172.634	172.634	L=25.10 A=25.10 L=25.10
L=25.10 A=25.10 L=25.10	321+620.000	171.607	171.607	L=25.10 A=25.10 L=25.10
L=25.10 A=25.10 L=25.10	321+640.000	170.845	170.845	L=25.10 A=25.10 L=25.10
L=25.10 A=25.10 L=25.10	321+660.000	170.181	170.181	L=25.10 A=25.10 L=25.10
L=25.10 A=25.10 L=25.10	321+680.000	169.518	169.518	L=25.10 A=25.10 L=25.10
L=25.10 A=25.10 L=25.10	321+700.000	168.855	168.855	L=25.10 A=25.10 L=25.10
L=25.10 A=25.10 L=25.10	321+720.000	168.192	168.192	L=25.10 A=25.10 L=25.10
L=25.10 A=25.10 L=25.10	321+740.000	167.528	167.528	L=25.10 A=25.10 L=25.10
L=25.10 A=25.10 L=25.10	321+760.000	166.865	166.865	L=25.10 A=25.10 L=25.10
L=25.10 A=25.10 L=25.10	321+780.000	166.202	166.202	L=25.10 A=25.10 L=25.10
L=25.10 A=25.10 L=25.10	321+800.000	165.554	165.554	L=25.10 A=25.10 L=25.10
L=25.10 A=25.10 L=25.10	321+820.000	165.004	165.004	L=25.10 A=25.10 L=25.10
L=25.10 A=25.10 L=25.10	321+840.000	164.545	164.545	L=25.10 A=25.10 L=25.10
L=25.10 A=25.10 L=25.10	321+860.000	164.099	164.099	L=25.10 A=25.10 L=25.10
L=25.10 A=25.10 L=25.10	321+880.000	163.640	163.640	L=25.10 A=25.10 L=25.10
L=25.10 A=25.10 L=25.10	321+900.000	163.078	163.078	L=25.10 A=25.10 L=25.10
L=25.10 A=25.10 L=25.10	321+920.000	162.409	162.409	L=25.10 A=25.10 L=25.10
L=25.10 A=25.10 L=25.10	321+940.000	161.722	161.722	L=25.10 A=25.10 L=25.10
L=25.10 A=25.10 L=25.10	321+960.000	161.036	161.036	L=25.10 A=25.10 L=25.10
L=25.10 A=25.10 L=25.10	321+980.000	160.349	160.349	L=25.10 A=25.10 L=25.10
L=25.10 A=25.10 L=25.10	322+000.000	159.713	159.713	L=25.10 A=25.10 L=25.10
L=25.10 A=25.10 L=25.10	322+020.000	159.201	159.201	L=25.10 A=25.10 L=25.10
L=25.10 A=25.10 L=25.10	322+040.000	158.760	158.760	L=25.10 A=25.10 L=25.10
L=25.10 A=25.10 L=25.10	322+060.000	158.320	158.320	L=25.10 A=25.10 L=25.10
L=25.10 A=25.10 L=25.10	322+080.000	157.880	157.880	L=25.10 A=25.10 L=25.10
L=25.10 A=25.10 L=25.10	322+100.000	157.440	157.440	L=25.10 A=25.10 L=25.10
L=25.10 A=25.10 L=25.10	322+120.000	157.000	157.000	L=25.10 A=25.10 L=25.10
L=25.10 A=25.10 L=25.10	322+140.000	156.560	156.560	L=25.10 A=25.10 L=25.10

REMARKS:

National Highways & Infrastructure
Development Corporation Limited

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WIDENING AND UPGRADE TO 2 LANE WITH PAVED
SHOULDER CONFIGURATION AND GEOMETRIC
IMPROVEMENTS IN THE STATE OF MIZORAM

Drawing Title :-
NH - 54 P7
PLAN & PROFILE
STATION - KM 321+380 - KM 322+180



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COOPERATION AGENCY

Rev

Date

Drawn

Checked

Approved

Designed

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Scale

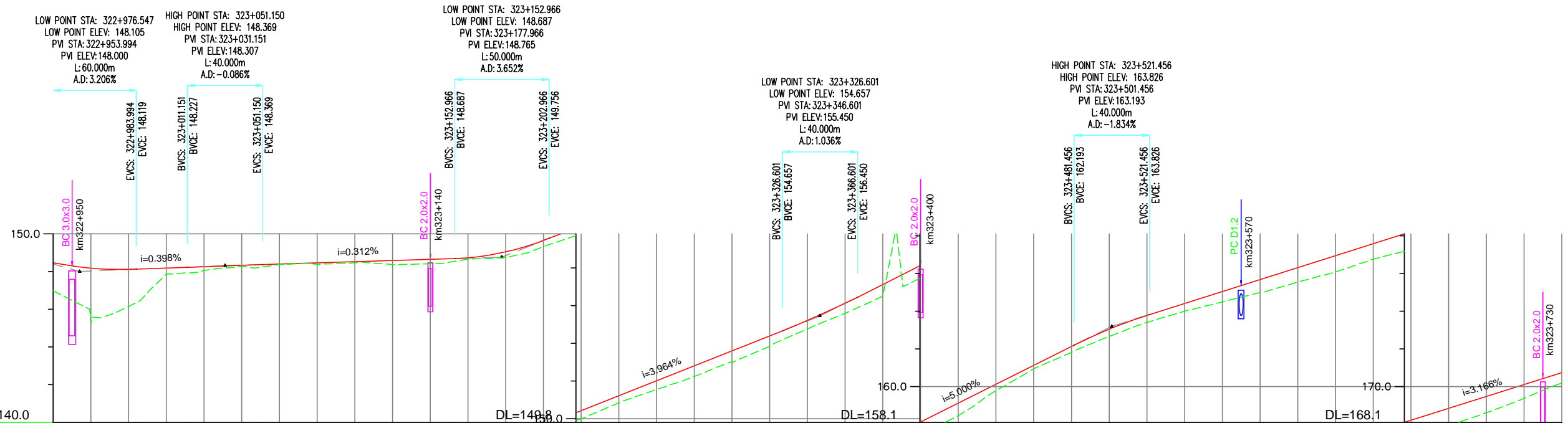
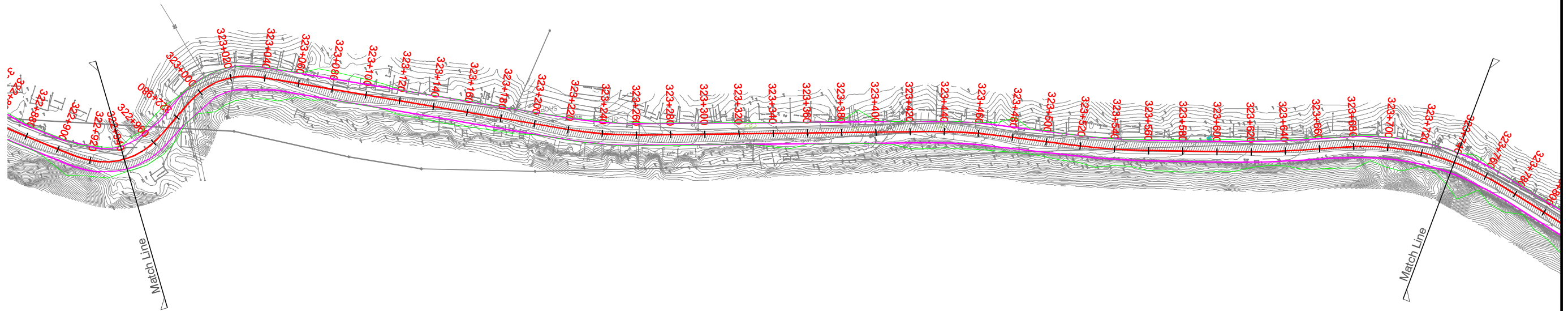
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Date

Sheet No:-

NH - 54 - P7 - PP

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VERTICAL GEOMETRY	R=1871.51m L=60.000m		i=0.3089% L=27.157		R=46668.972m L=40.000m		i=0.312% L=101.815				R=1369.11m L=50.000m		i=3.964% L=123.635				R=3861.70m L=40.000m		i=5.000% L=114.855				R=2180.579m L=40.000m		i=3.166% L=356.487																
FINISH ELEVATION	148.461	148.178	148.108	148.183	148.262	148.333	148.397	148.459	148.522	148.584	148.647	148.727	149.039	149.642	150.432	151.224	152.017	152.810	153.603	154.396	155.212	156.126	157.120	158.120	159.120	160.120	161.120	162.120	163.041	163.780	164.413	165.046	165.679	166.313	166.946	167.579	168.212	168.845	169.478	170.111	170.744
EXISTING ELEVATION	146.971	145.247	146.144	147.862	148.047	148.265	148.368	148.379	148.458	148.366	148.408	148.657	148.741	149.323	150.000	150.849	151.553	152.243	152.984	153.840	154.765	155.595	156.495	157.461	158.453	159.785	160.942	161.813	162.660	163.407	163.994	164.991	165.538	166.083	166.750	167.240	167.916	168.612	169.373	170.184	
STATION	322+940.000	322+960.000	322+980.000	323+000.000	323+020.000	323+040.000	323+060.000	323+080.000	323+100.000	323+120.000	323+140.000	323+160.000	323+180.000	323+200.000	323+220.000	323+240.000	323+260.000	323+280.000	323+300.000	323+320.000	323+340.000	323+360.000	323+380.000	323+400.000	323+420.000	323+440.000	323+460.000	323+480.000	323+500.000	323+520.000	323+540.000	323+560.000	323+580.000	323+600.000	323+620.000	323+640.000	323+660.000	323+680.000	323+700.000	323+720.000	323+740.000
HORIZONTAL GEOMETRY	L=25.25 R=40.00		A=31.62 Ls=25.00		A=31.62 Ls=25.00		L=16.55 R=40.00		A=31.62 Ls=25.00		L=170.90				L=45.15 R=250.00		L=167.51				L=42.21 R=300.00				L=42.18		L=44.78 R=400.00		L=47.75		L=42.94 R=500.00		L=18.34		A=47.43 Ls=15.00		L=79.41 R=150.00				



National Highways & Infrastructure
Development Corporation Limited



JAPAN INTERNATIONAL
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WIDENING AND UPGRADATION TO 2 LANE WITH PAVED
SHOULDER CONFIGURATION AND GEOMETRIC
IMPROVEMENTS IN THE STATE OF MIZORAM

Designed.

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Scale.

Date.

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Drawing Title :-

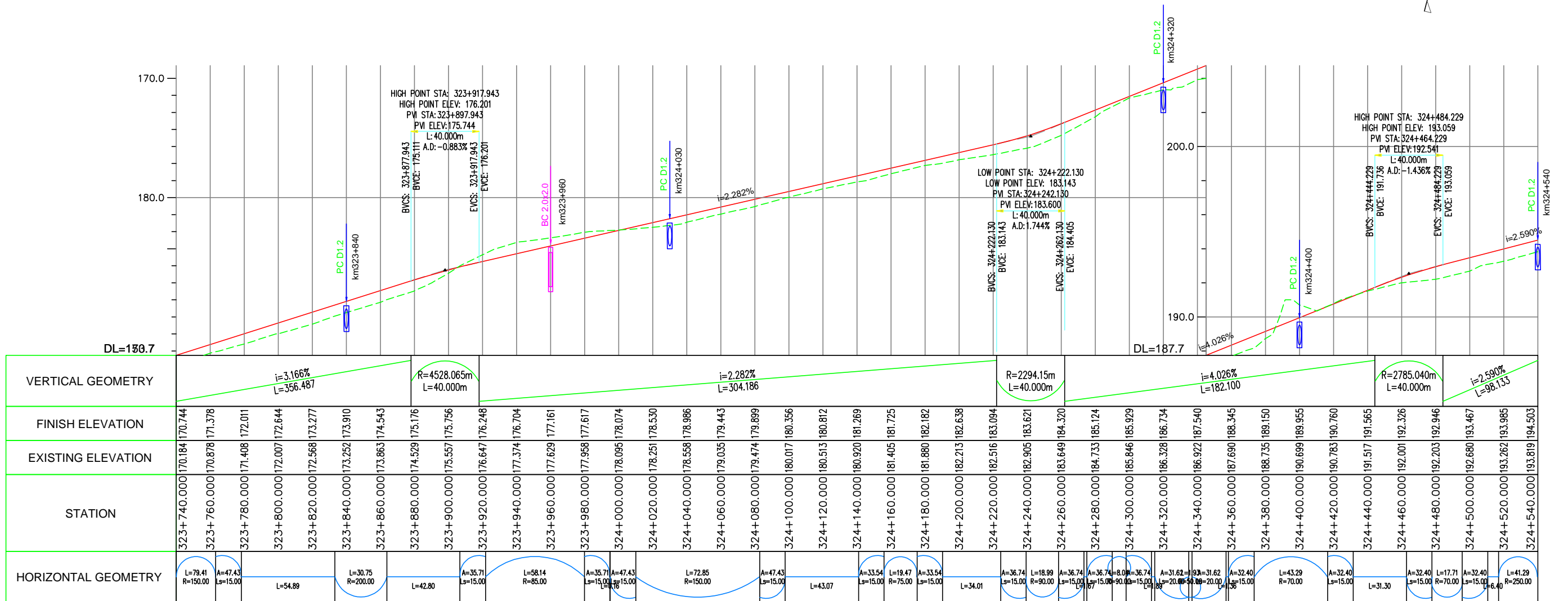
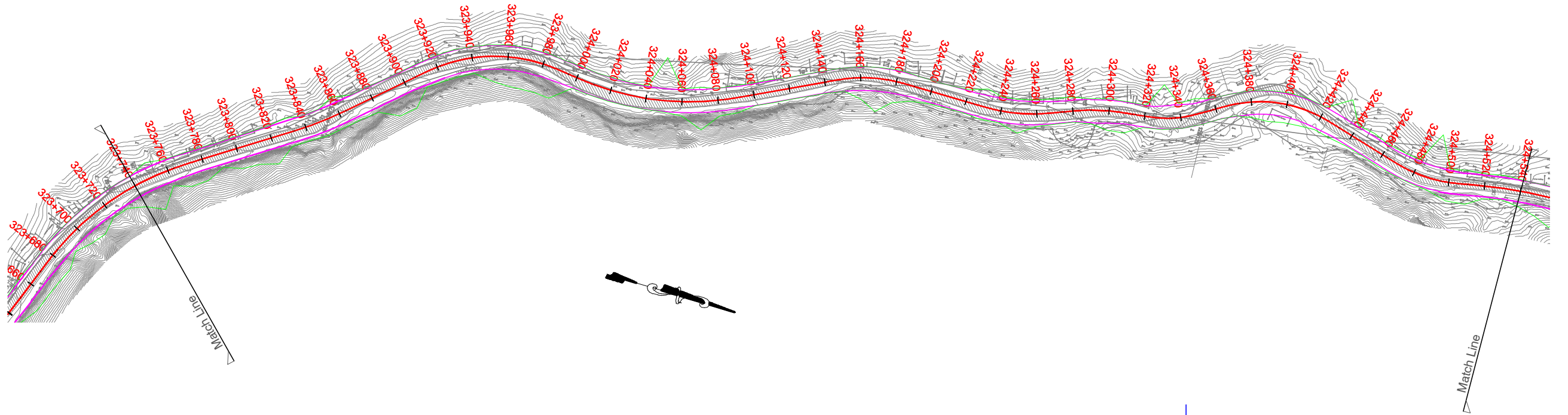
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PLAN & PROFILE
STATION - KM 322+940 - KM 323+740


Drawing No:-

NH - 54 - P7 - PP


Sheet No:-

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National Highways & Infrastructure
Development Corporation Limited



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REMARKS:
1: All Dimensions are in m.
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Rev.	Date.		Drawn.	Checked.	Approved.

WIDENING AND UPGRADATION TO 2 LANE WITH PAVED
SHOULDER CONFIGURATION AND GEOMETRIC
IMPROVEMENTS IN THE STATE OF MIZORAM

Designed.
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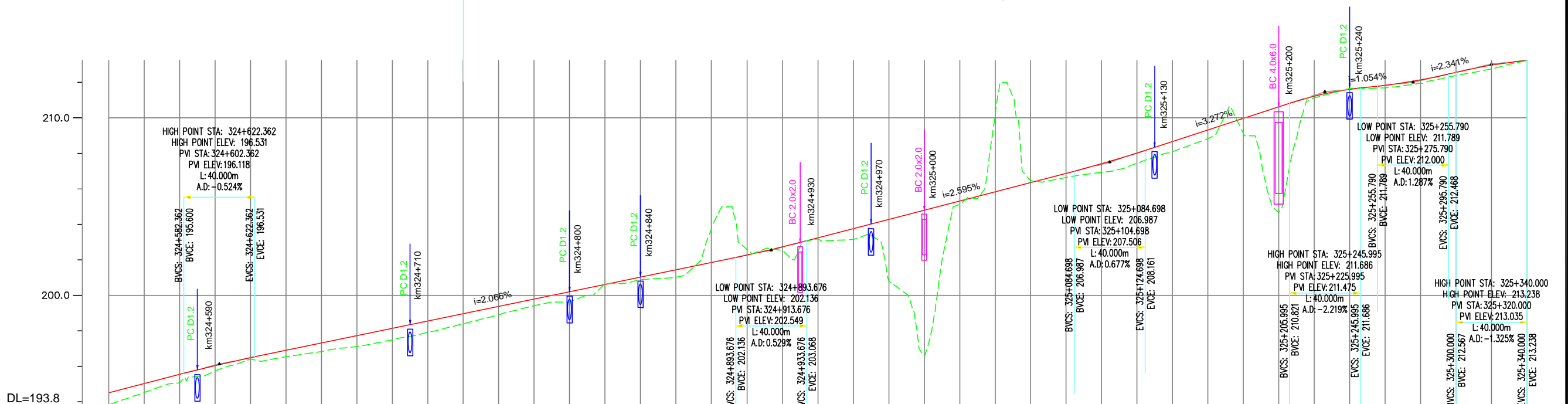
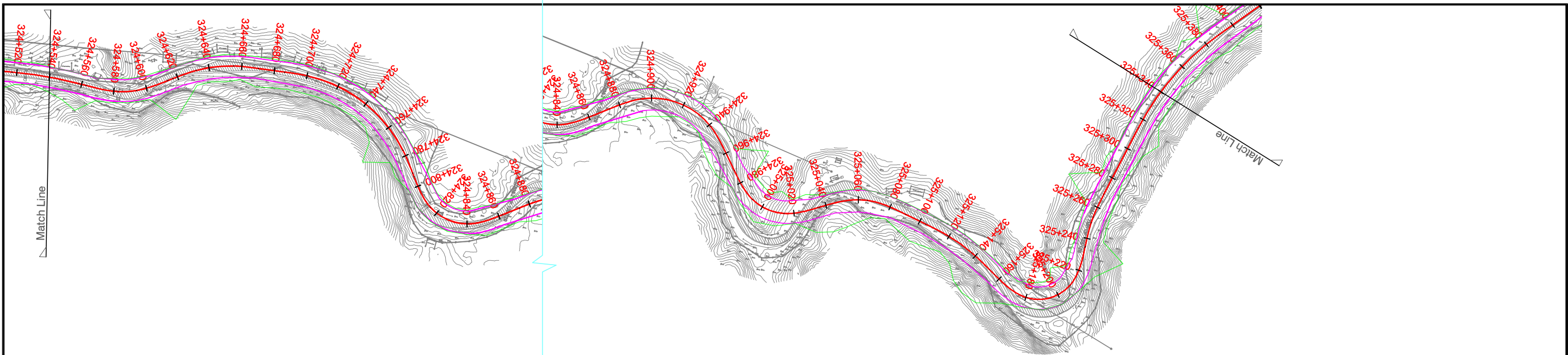
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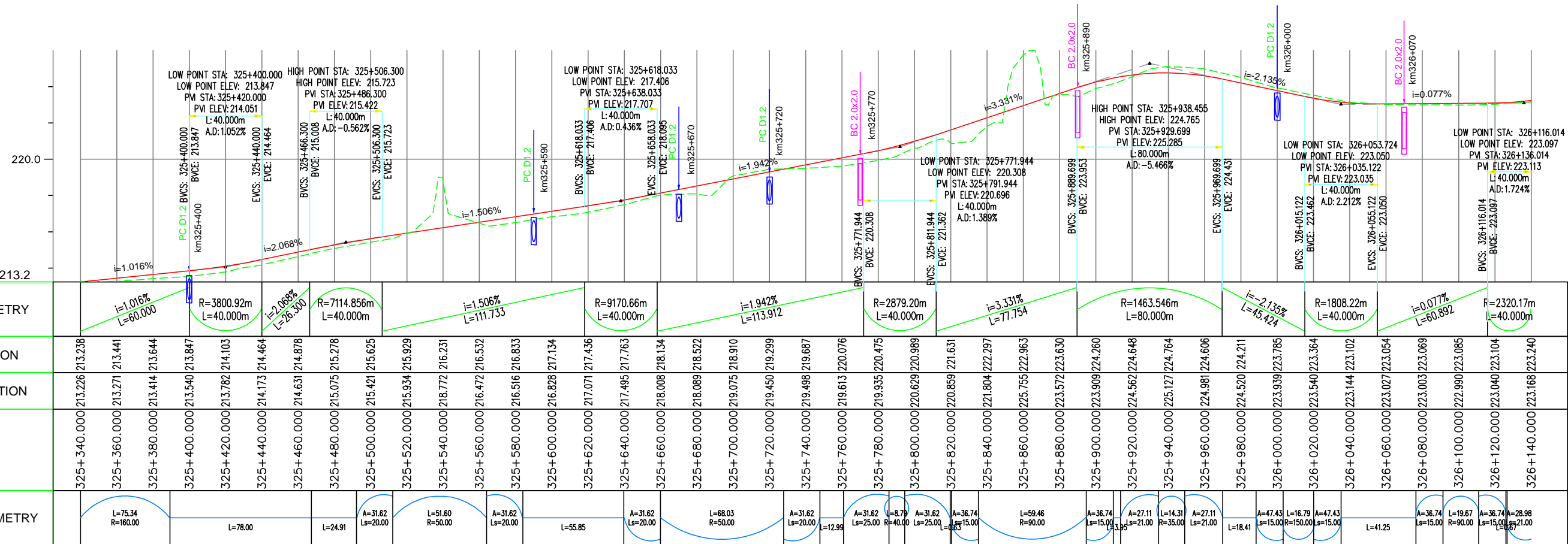
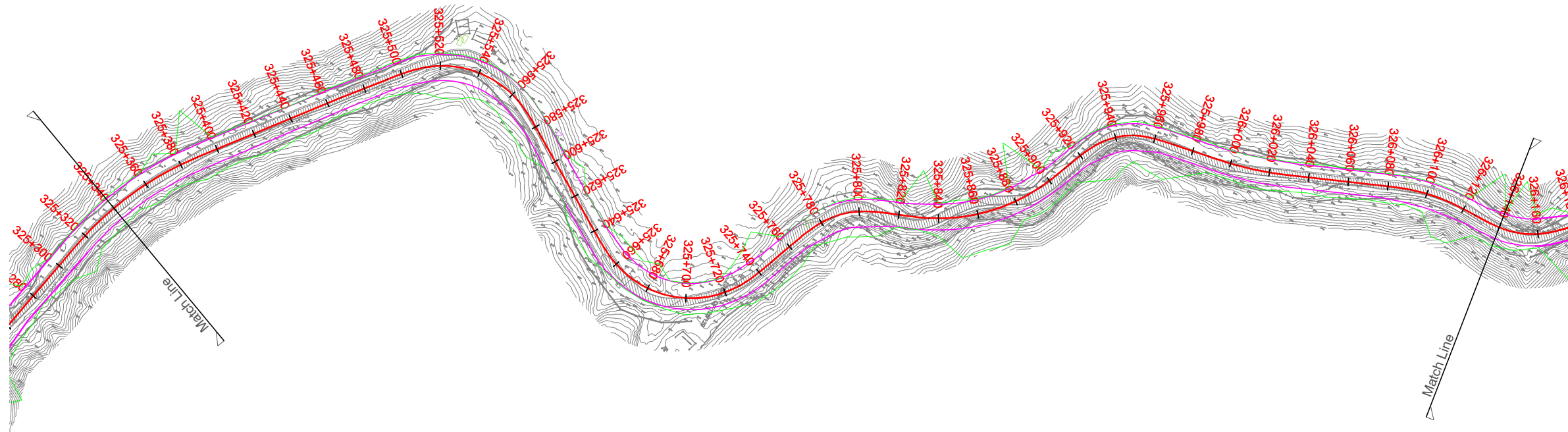
Drawing Title :-
NH - 54 P7
PLAN & PROFILE
STATION - KM 323+740 - KM 324+540

Drawing No:-
NH - 54 - P7 - PP

Sheet No:-
37 OF 49



VERTICAL GEOMETRY	$i=2.580\%$ $L=98.133$	$R=7638.103m$ $L=40.000m$	$i=2.066\%$ $L=271.314$	$R=7559.04m$ $L=40.000m$	$i=2.595\%$ $L=151.022$	$R=5907.64m$ $L=40.000m$	$i=3.272\%$ $L=81.237$	$R=1802.942m$ $L=40.000m$	$R=3107.43m$ $L=40.000m$	$R=3018.922m$ $L=40.000m$	$i=1.088\%$ $L=60.000$																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
FINISH ELEVATION	194.503	194.502	195.021	195.539	196.036	196.482	196.895	197.309	197.722	198.135	198.548	198.961	199.375	199.788	200.201	200.614	201.027	201.440	201.854	202.269	202.682	203.095	203.508	203.921	204.334	204.747	205.160	205.573	205.986	206.399	206.812	207.225	207.638	208.051	208.464	208.877	209.290	209.703	210.116	210.529	210.942	211.355	211.768	212.181	212.594	213.007	213.420	213.833	214.246	214.659	215.072	215.485	215.898	216.311	216.724	217.137	217.550	217.963	218.376	218.789	219.202	219.615	220.028	220.441	220.854	221.267	221.680	222.093	222.506	222.919	223.332	223.745	224.158	224.571	224.984	225.397	225.810	226.223	226.636	227.049	227.462	227.875	228.288	228.701	229.114	229.527	229.940	230.353	230.766	231.179	231.592	232.005	232.418	232.831	233.244	233.657	234.070	234.483	234.896	235.309	235.722	236.135	236.548	236.961	237.374	237.787	238.200	238.613	239.026	239.439	239.852	240.265	240.678	241.091	241.504	241.917	242.330	242.743	243.156	243.569	243.982	244.395	244.808	245.221	245.634	246.047	246.460	246.873	247.286	247.699	248.112	248.525	248.938	249.351	249.764	250.177	250.590	251.003	251.416	251.829	252.242	252.655	253.068	253.481	253.894	254.307	254.720	255.133	255.546	255.959	256.372	256.785	257.198	257.611	258.024	258.437	258.850	259.263	259.676	260.089	260.502	260.915	261.328	261.741	262.154	262.567	262.980	263.393	263.806	264.219	264.632	265.045	265.458	265.871	266.284	266.697	267.110	267.523	267.936	268.349	268.762	269.175	269.588	270.001	270.414	270.827	271.240	271.653	272.066	272.479	272.892	273.305	273.718	274.131	274.544	274.957	275.370	275.783	276.196	276.609	277.022	277.435	277.848	278.261	278.674	279.087	279.500	279.913	280.326	280.739	281.152	281.565	281.978	282.391	282.804	283.217	283.630	284.043	284.456	284.869	285.282	285.695	286.108	286.521	286.934	287.347	287.760	288.173	288.586	289.000	289.413	289.826	290.239	290.652	291.065	291.478	291.891	292.304	292.717	293.130	293.543	293.956	294.369	294.782	295.195	295.608	296.021	296.434	296.847	297.260	297.673	298.086	298.499	298.912	299.325	299.738	300.151	300.564	300.977	301.390	301.803	302.216	302.629	303.042	303.455	303.868	304.281	304.694	305.107	305.520	305.933	306.346	306.759	307.172	307.585	307.998	308.411	308.824	309.237	309.650	310.063	310.476	310.889	311.302	311.715	312.128	312.541	312.954	313.367	313.780	314.193	314.606	315.019	315.432	315.845	316.258	316.671	317.084	317.497	317.910	318.323	318.736	319.149	319.562	319.975	320.388	320.801	321.214	321.627	322.040	322.453	322.866	323.279	323.692	324.105	324.518	324.931	325.344	325.757	326.170	326.583	326.996	327.409	327.822	328.235	328.648	329.061	329.474	329.887	330.300	330.713	331.126	331.539	331.952	332.365	332.778	333.191	333.604	334.017	334.430	334.843	335.256	335.669	336.082	336.495	336.908	337.321	337.734	338.147	338.560	338.973	339.386	339.799	340.212	340.625	341.038	341.451	341.864	342.277	342.690	343.103	343.516	343.929	344.342	344.755	345.168	345.581	345.994	346.407	346.820	347.233	347.646	348.059	348.472	348.885	349.298	349.711	350.124	350.537	350.950	351.363	351.776	352.189	352.602	353.015	353.428	353.841	354.254	354.667	355.080	355.493	355.906	356.319	356.732	357.145	357.558	357.971	358.384	358.797	359.210	359.623	360.036	360.449	360.862	361.275	361.688	362.101	362.514	362.927	363.340	363.753	364.166	364.579	364.992	365.405	365.818	366.231	366.644	367.057	367.470	367.883	368.296	368.709	369.122	369.535	369.948	370.361	370.774	371.187	371.600	372.013	372.426	372.839	373.252	373.665	374.078	374.491	374.904	375.317	375.730	376.143	376.556	376.969	377.382	377.795	378.208	378.621	379.034	379.447	379.860	380.273	380.686	381.099	381.512	381.925	382.338	382.751	383.164	383.577	383.990	384.403	384.816	385.229	385.642	386.055	386.468	386.881	387.294	387.707	388.120	388.533	388.946	389.359	389.772	390.185	390.598	391.011	391.424	391.837	392.250	392.663	393.076	393.489	393.902	394.315	394.728	395.141	395.554	395.967	396.380	396.793	397.206	397.619	398.032	398.445	398.858	399.271	399.684	400.097	400.510	400.923	401.336	401.749	402.162	402.575	402.988	403.401	403.814	404.227	404.640	405.053	405.466	405.879	406.292	406.705	407.118	407.531	407.944	408.357	408.770	409.183	409.596	410.009	410.422	410.835	411.248	411.661	412.074	412.487	412.900	413.313	413.726	414.139	414.552	414.965	415.378	415.791	416.204	416.617	417.030	417.443	417.856	418.269	418.682	419.095	419.508	419.921	420.334	420.747	421.160	421.573	421.986	422.399	422.812	423.225	423.638	424.051	424.464	424.877	425.290	425.703	426.116	426.529	426.942	427.355	427.768	428.181	428.594	429.007	429.420	429.833	430.246	430.659	431.072	431.485	431.898	432.311	432.724	433.137	433.550	433.963	434.376	434.789	435.202	435.615	436.028	436.441	436.854	437.267	437.680	438.093	438.506	438.919	439.332	439.745	440.158	440.571	440.984	441.397	441.810	442.223	442.636	443.049	443.462	443.875	444.288	444.701	445.114	445.527	445.940	446.353	446.766	447.179	447.592	448.005	448.418	448.831	449.244	449.657	450.070	450.483	450.896	451.309	451.722	452.135	452.548	452.961	453.374	453.787	454.200	454.613	455.026	455.439	455.852	456.265	456.678	457.091	457.504	457.917	458.330	458.743	459.156	459.569	460.000	460.413	460.826	461.239	461.652	462.065	462.478	462.891	463.304	463.717	464.130	464.543	464.956	465.369	465.782	466.195	466.608	467.021	467.434	467.847	468.260	468.673	469.086	469.499	469.912	470.325	470.738	471.151	471.564	471.977	472.390	472.803	473.216	473.629	474.042	474.455	474.868	475.281	475.694	476.107	476.520	476.933	477.346	477.759	478.172	478.585	478.998	479.411	479.824	480.237	480.650	481.063	481.476	481.889	482.302	482.715	483.128	483.541	483.954	484.367	484.780	485.193	485.606	486.019	486.432	486.845	487.258	487.671	488.084	488.497	488.910	489.323	489.736	490.149	490.562	490.975	491.388	491.801	492.214	492.627	493.040	493.453	493.866	494.279	494.692	495.105	495.518	495.931	496.344	496.757	497.170	497.583	497.996	498.409	498.822	499.235	499.648	500.061	500.474	500.887	501.300	501.713	502.126	502.539	502.952	503.365	503.778	504.191	504.604	505.017	505.430	505.843	506.256	506.669	507.082	507.495	507.908	508.321	508.734	509.147	509.560	509.973	510.386	510.799	511.212	511.625	512.038	512.451	512.864	513.277	513.690	514.103	514.516	514.929	515.342	515.755	516.168	516.581	516.994	517.407	517.820	518.233	518.646	519.059	519.472	519.885	520.298	520.711	521.124	521.537	521.950	522.363	522.776	523.189	523.602	524.015	524.428	524.841	525.254	525.667	526.080	526.493	526.906	527.319	527.732	528.145	528.558	528.971	529.384	529.797	530.210	530.623	531.036	531.449	531.862	532.275	532.688	533.101	533.514	533.927	534.340	534.753	535.166	535.579	535.992	536.405	536.818	537.231	537.644	538.057	538.470	538.883	539.296	539.709	540.122	540.535	540.948	541.361	541.774	542.187	542.600	543.013	543.426	543.839	544.252	544.665	545.078	545.491	545.904	546.317	546.730	547.143	547.556	547.969	548.382	548.795	549.208	549.621	550.034	550.447	550.860	551.273	551.686	552.099	552.512	552.925	553.338	553.751	554.164	554.577	554.990	555.403	555.816	556.229	556.642	557.055	557.468	557.881	558.294	558.707	559.120	559.533	559.946	560.359	560.772	561.185	561.598	562.011	562.424	562.837	563.250	563.663	564.076	564.489	564.902	565.315	565.728	566.141	566.554	566.967	567.380	567.793	568.206	568.619	569.032	569.445	569.858	570.271	570.684	571.097	571.510	571.923	572.336	572.749	573.162	573.575	573.988	574.401	574.814	575.227	575.640	576.053	576.466	576.879	577.292	577.705	578.118	578.531	578.944	579.357	579.770	580.183	580.596	581.009	581.422	581.835	582.248	582.661	583.074	583.487	583.900	584.313	584.726	585.139	585.552	585.965	586.378	586.791	587.204	587.617	588.030	588.443	588.856	589.269	589.682	590.095	590.508	590.921	591.334	591.747	592.160	592.573	592.986	593.399	593.812	594.225	594.638	595.051	595.464	595.877	596.290	596.703	597.116	597.52



National Highways & Infrastructure
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- 3: PC = Pipe Culvert

WIDENING AND UPGRADATION TO 2 LANE WITH PAVED
SHOULDER CONFIGURATION AND GEOMETRIC
IMPROVEMENTS IN THE STATE OF MIZORAM

Designed.

Checked

Approved.

Drawn.

Scale.

H=1 : 2500
V=1:250

Date.

Drawing Title :-

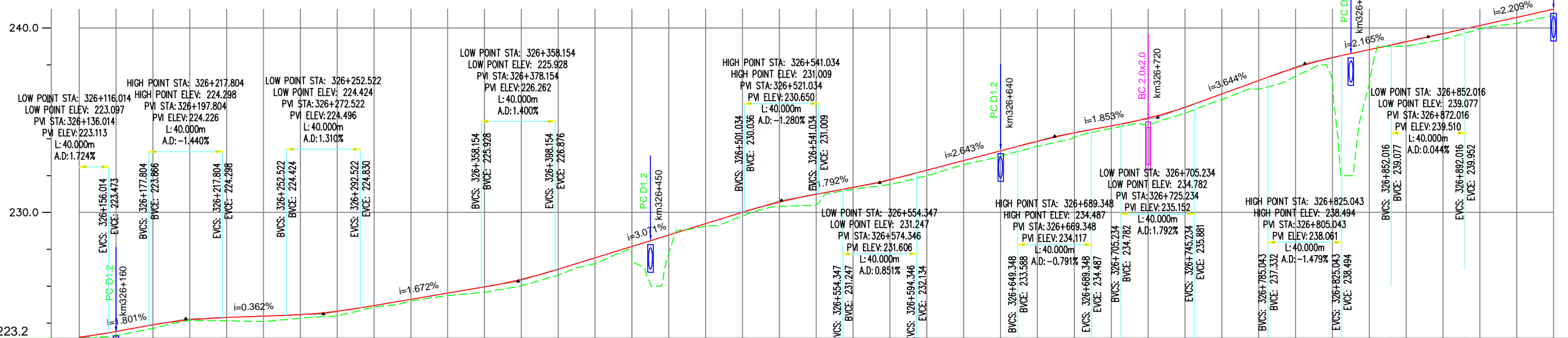
NH - 54 P7
PLAN & PROFILE
STATION - KM 325+340 - KM 326+140


Drawing No:-

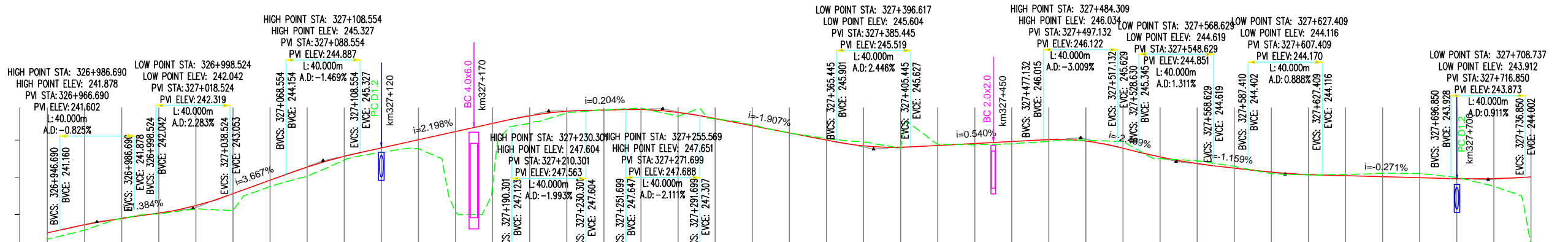
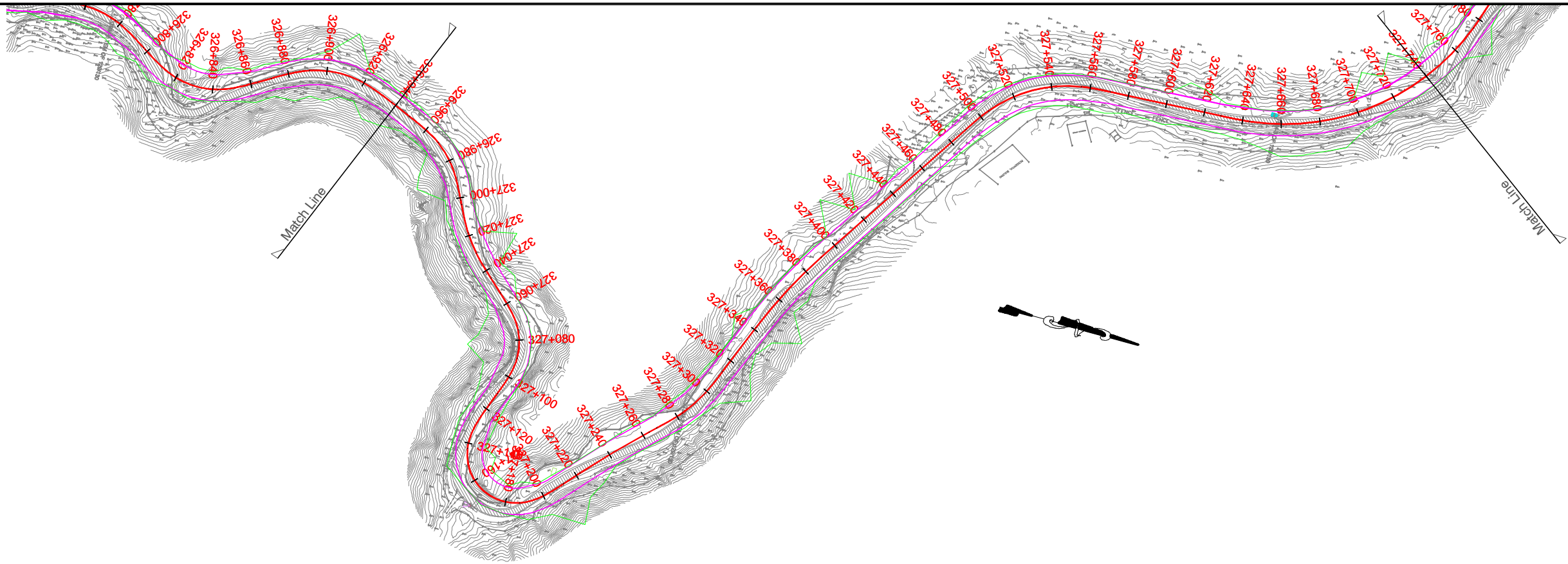
NH - 54 - P7 - PP

Sheet No:-


39 OF 49




<div><div>National Highways & Infrastructure Development Corporation Limited</div></div>	<div>REMARKS:</div> <div>1: All Dimensions are in m.</div> <div>2: BC = Box Culvert</div> <div>3: PC = Pipe Culvert</div>						WIDENING AND UPGRADATION TO 2 LANE WITH PAVED SHOULDER CONFIGURATION AND GEOMETRIC IMPROVEMENTS IN THE STATE OF MIZORAM						Drawing Title :- NH - 54 P7 PLAN & PROFILE STATION - KM 326+140 - KM 326+940			
													Drawing No:- NH - 54 - P7 - PP			
							Designed.			Checked			Approved.			Drawing No:- NH - 54 - P7 - PP
							Drawn.			Scale. H=1 : 2500 V=1:250			Date.			
							Rev.	Date.		Drawn.	Checked.	Approved.				



VERTICAL GEOMETRY	DL=240.3																			
FINISH ELEVATION	240.676	241.012	241.155	241.436	241.781	242.063	242.471	242.839	243.107	243.384	243.661	243.938	244.215	244.492	244.769	245.046	245.323	245.600	245.877	246.154
EXISTING ELEVATION	240.676	241.012	241.155	241.436	241.781	242.063	242.471	242.839	243.107	243.384	243.661	243.938	244.215	244.492	244.769	245.046	245.323	245.600	245.877	246.154
STATION	326+940.000	326+960.000	326+980.000	327+000.000	327+020.000	327+040.000	327+060.000	327+080.000	327+100.000	327+120.000	327+140.000	327+160.000	327+180.000	327+200.000	327+220.000	327+240.000	327+260.000	327+280.000	327+300.000	327+320.000
HORIZONTAL GEOMETRY																				



National Highways & Infrastructure Development Corporation Limited



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Rev.	Date.																			

WIDENING AND UPGRADATION TO 2 LANE WITH PAVED SHOULDER CONFIGURATION AND GEOMETRIC IMPROVEMENTS IN THE STATE OF MIZORAM

Designed.

Checked

Approved.

Drawn.

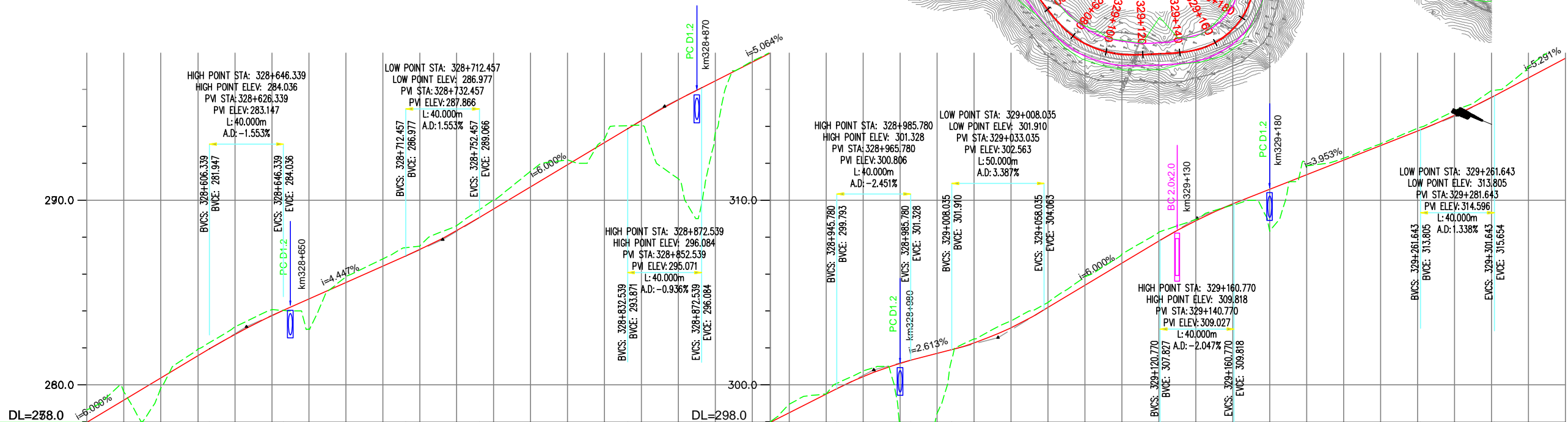
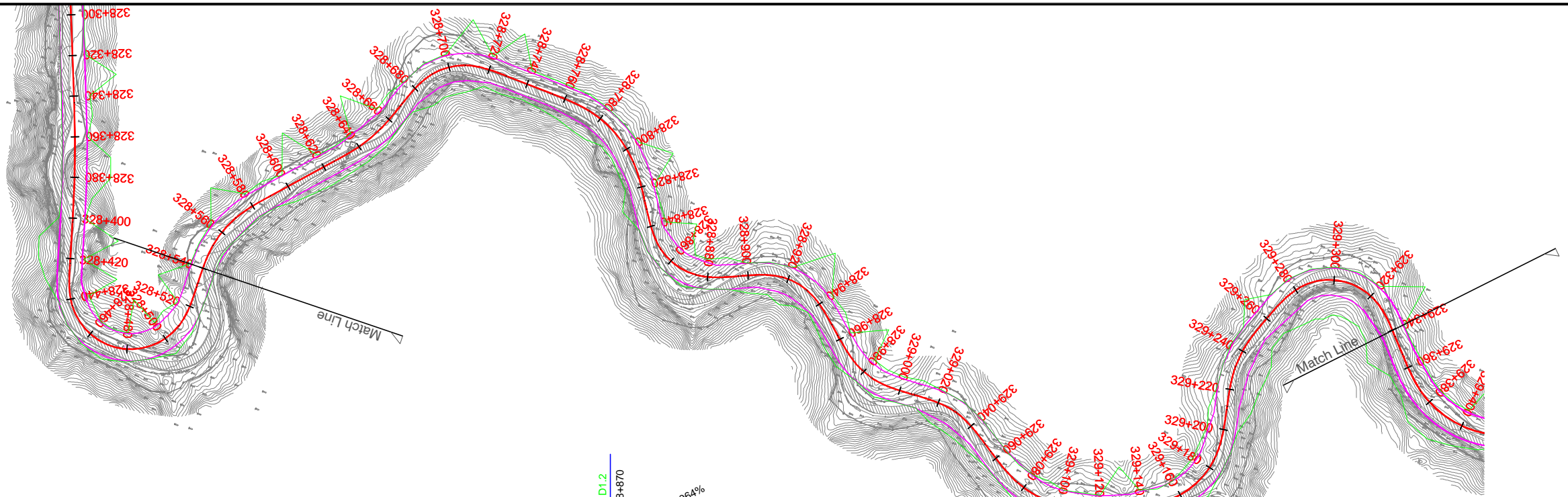
Scale. H=1 : 2500 V=1:250

Date.

Drawing Title :- NH - 54 P7 PLAN & PROFILE STATION - KM 326+940 - KM 327+740

Drawing No:- NH - 54 - P7 - PP

Sheet No:- 41 OF 49



VERTICAL GEOMETRY	$i=6.000\%$ $L=119.464$		$R=2575.627m$ $L=40.000m$		$i=4.447\%$ $L=66.118$		$R=2575.63m$ $L=40.000m$		$i=6.000\%$ $L=80.083$		$R=4274.008m$ $L=40.000m$		$i=5.064\%$ $L=73.241$		$R=1631.864m$ $L=40.000m$		$i=2.613\%$ $L=72.233$		$R=1476.19m$ $L=50.000m$		$i=6.000\%$ $L=62.735$		$R=1953.957m$ $L=40.000m$		$i=3.953\%$ $L=100.873$		$R=2989.53m$ $L=40.000m$		$i=5.291\%$ $L=57.412$																					
FINISH ELEVATION	278.647	277.967	279.167	280.367	281.567	282.730	283.142	283.747	284.644	285.533	286.423	287.323	288.349	289.519	290.719	291.919	293.119	294.312	295.430	296.462	297.524	298.474	299.500	300.451	301.167	302.700	303.091	304.181	305.381	306.581	307.781	308.886	309.787	310.578	311.368	312.159	312.949	313.740	314.587	315.567	316.625	317.683								
EXISTING ELEVATION	278.647	279.623	279.831	280.367	281.941	283.142	284.078	283.747	283.018	285.879	286.820	287.509	288.616	290.009	291.558	292.174	293.297	294.065	291.162	293.650	297.524	298.953	299.509	300.763	297.540	298.460	302.488	303.457	304.466	305.861	307.094	308.274	308.950	309.744	308.321	311.857	312.264	313.044	313.887	314.831	315.923	317.232	318.408							
STATION	328+540.000	328+560.000	328+580.000	328+600.000	328+620.000	328+640.000	328+660.000	328+680.000	328+700.000	328+720.000	328+740.000	328+760.000	328+780.000	328+800.000	328+820.000	328+840.000	328+860.000	328+880.000	328+900.000	328+920.000	328+940.000	328+960.000	328+980.000	329+000.000	329+020.000	329+040.000	329+060.000	329+080.000	329+100.000	329+120.000	329+140.000	329+160.000	329+180.000	329+200.000	329+220.000	329+240.000	329+260.000	329+280.000	329+300.000	329+320.000	329+340.000									
HORIZONTAL GEOMETRY	$A=31.62$ $L=17.94$ $R=50.00$		$A=31.62$ $L=20.00$		$L=35.81$		$A=32.40$ $L=12.65$ $A=32.40$ $L=15.00$ $R=70.00$ $L=15.00$		$A=25.10$ $L=16.94$ $R=30.00$		$A=25.10$ $L=21.00$		$L=24.44$		$A=33.17$ $L=20.00$		$L=33.63$ $R=55.00$		$A=33.17$ $L=20.00$		$A=25.10$ $L=21.00$		$L=21.00$		$A=25.10$ $L=21.00$		$A=27.11$ $L=6.29$ $A=27.11$ $L=21.00$ $R=35.00$ $L=21.00$		$A=27.11$ $L=21.00$ $R=35.00$ $L=21.00$		$A=31.62$ $L=20.00$		$L=28.73$ $R=50.00$		$A=31.62$ $L=20.00$		$A=31.62$ $L=25.00$		$L=30.35$ $R=40.00$		$A=31.62$ $L=25.00$		$A=31.62$ $L=8.38$ $A=31.62$ $L=20.00$ $R=50.00$ $L=20.00$		$A=25.10$ $L=21.00$		$L=40.22$ $R=30.00$		$A=25.10$ $L=21.00$	



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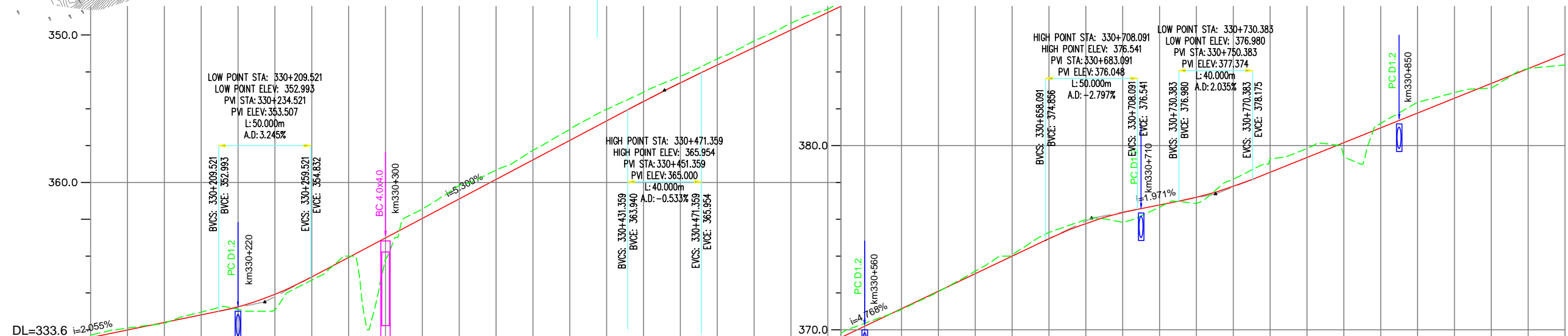
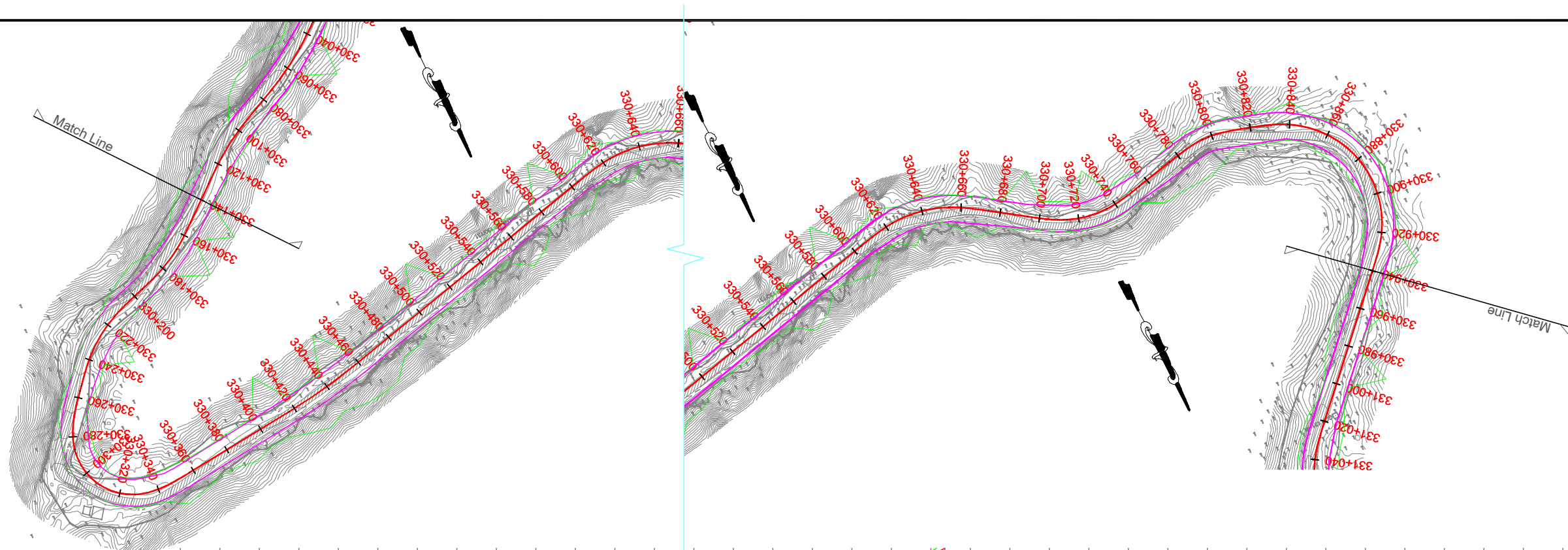
WIDENING AND UPGRADATION TO 2 LANE WITH PAVED
SHOULDER CONFIGURATION AND GEOMETRIC
IMPROVEMENTS IN THE STATE OF MIZORAM

Designed.	Checked	Approved.
Drawn.	Scale. H=1 : 2500 V=1:250	Date.


Drawing Title :-
NH - 54 P7
PLAN & PROFILE
STATION - KM 328+540 - KM 329+340

Drawing No:-
NH - 54 - P7 - PP


Sheet No:-
43 OF 49



VERTICAL GEOMETRY	$i = -2.055\%$ $L = 133.908$		$R = 1540.88m$ $L = 50.000m$		$i = 5.300\%$ $L = 171.838$		$R = 7508.814m$ $L = 40.000m$		$i = 4.768\%$ $L = 186.733$		$R = 1787.717m$ $L = 50.000m$		$i = 1.971\%$ $L = 22.282$		$R = 1965.72m$ $L = 40.000m$		$i = 4.006\%$ $L = 360.817$	
FINISH ELEVATION	351.564	351.975	352.386	352.797	353.208	353.619	354.030	354.441	354.852	355.263	355.674	356.085	356.496	356.907	357.318	357.729	358.140	358.551
EXISTING ELEVATION	351.707	352.085	352.347	352.952	353.115	353.055	354.690	355.917	355.822	358.547	359.098	360.677	361.743	362.879	363.978	365.000	366.038	367.085
STATION	330+140.000	330+160.000	330+180.000	330+200.000	330+220.000	330+240.000	330+260.000	330+280.000	330+300.000	330+320.000	330+340.000	330+360.000	330+380.000	330+400.000	330+420.000	330+440.000	330+460.000	330+480.000
HORIZONTAL GEOMETRY	$A = 32.40$ $L = 21.96$		$A = 32.40$ $L = 15.00$		$A = 32.40$ $L = 15.00$		$A = 32.40$ $L = 15.00$		$A = 30.00$ $L = 30.00$		$A = 30.00$ $L = 30.00$		$A = 30.00$ $L = 30.00$		$A = 30.00$ $L = 30.00$		$A = 30.00$ $L = 30.00$	



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COOPERATION AGENCY

REMARKS:
1: All Dimensions are in m.
2: BC = Box Culvert
3: PC = Pipe Culvert

Rev.	Date.	Drawn.	Checked.	Approved.

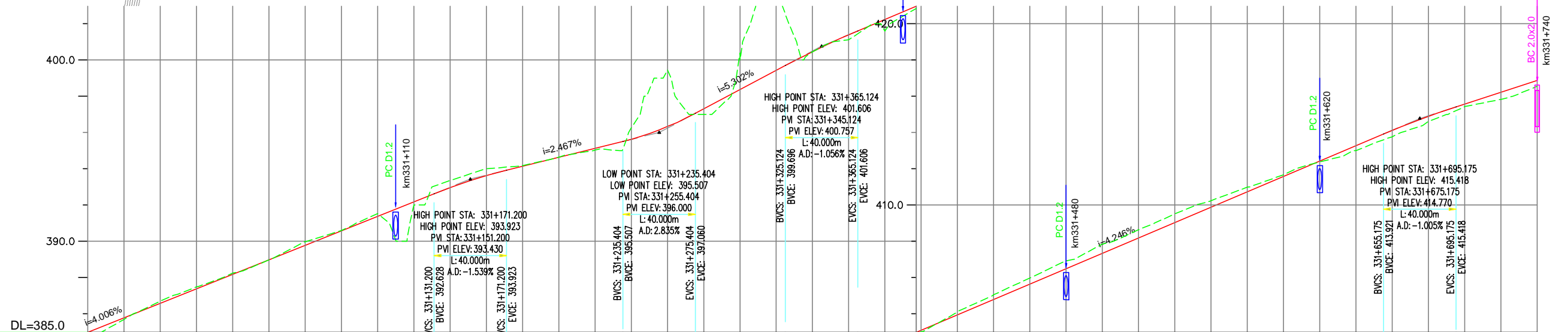
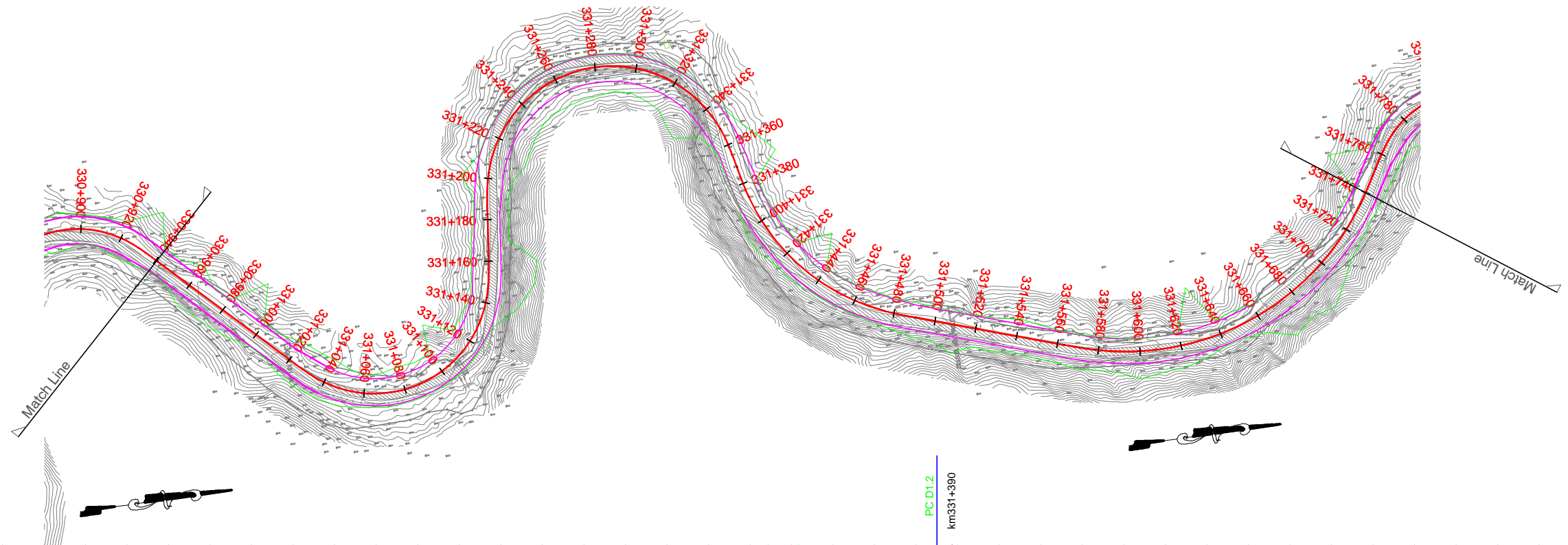
WIDENING AND UPGRADATION TO 2 LANE WITH PAVED
SHOULDER CONFIGURATION AND GEOMETRIC
IMPROVEMENTS IN THE STATE OF MIZORAM

Designed.	Checked	Approved.
Drawn.	Scale. H=1 : 2500 V=1:250	Date.

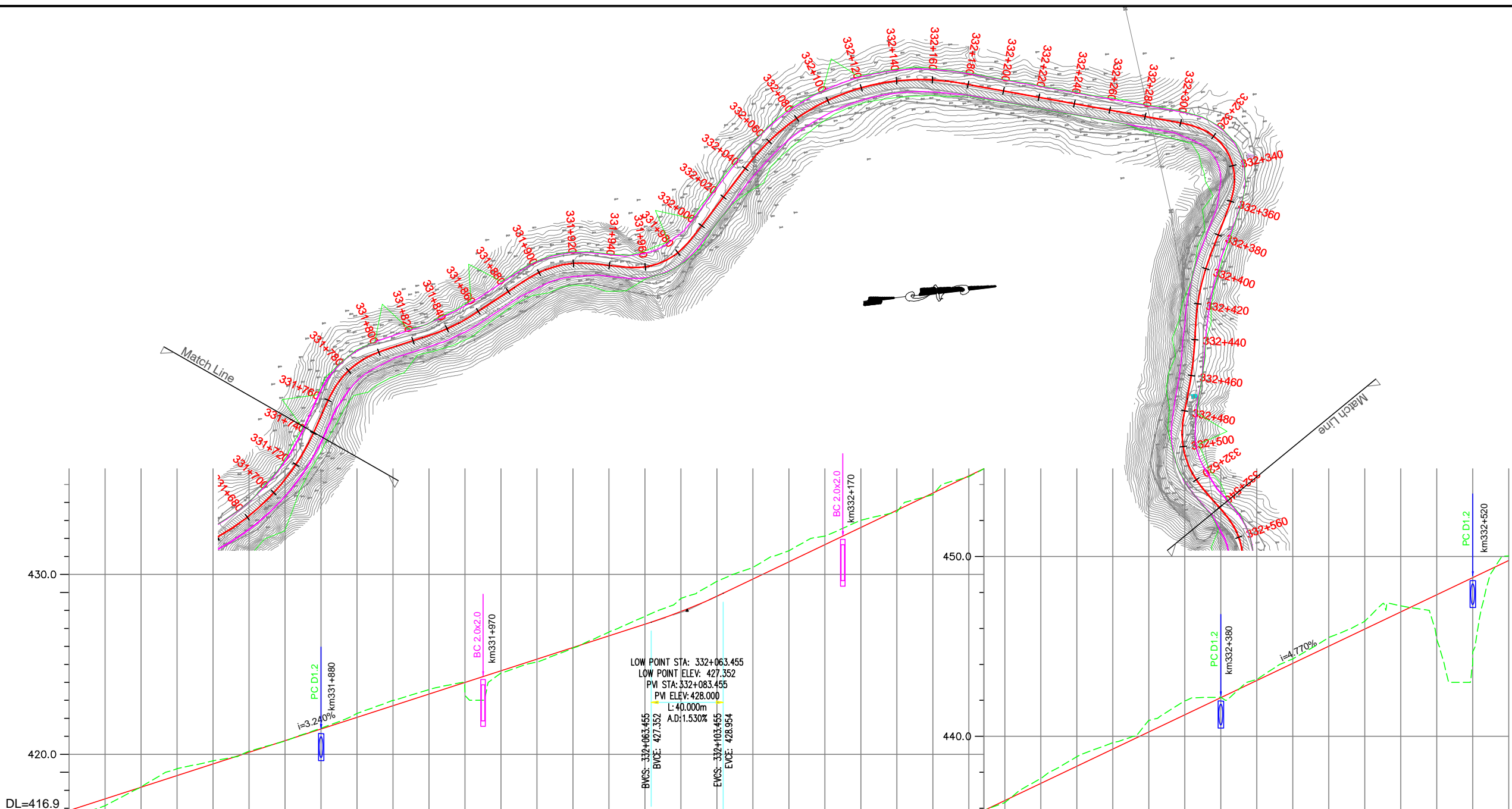
Drawing Title :-
NH - 54 P7
PLAN & PROFILE
STATION - KM 330+140 - KM 330+940

Drawing No:-
NH - 54 - P7 - PP

Sheet No:-
45 OF 49



VERTICAL GEOMETRY	 $i=4.006\%$ $L=360.817$ $R=2599.336m$ $L=40.000m$ $i=2.467\%$ $L=64.204$ $R=1411.04m$ $L=40.000m$ $i=5.302\%$ $L=49.720$ $R=3788.667m$ $L=40.000m$ $i=4.246\%$ $L=290.050$ $R=3978.911m$ $L=40.000m$ $i=3.240\%$ $L=368.280$																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
FINISH ELEVATION	384.376	384.970	385.566	386.162	386.758	387.354	387.950	388.546	389.142	389.738	390.334	390.930	391.526	392.122	392.718	393.314	393.910	394.506	395.102	395.698	396.294	396.890	397.486	398.082	398.678	399.274	399.870	400.466	401.062	401.658	402.254	402.850	403.446	404.042	404.638	405.234	405.830	406.426	407.022	407.618	408.214	408.810	409.406	410.002	410.598	411.194	411.790	412.386	412.982	413.578	414.174	414.770	415.366	415.962	416.558	417.154	417.750	418.346	418.942	419.538	420.134	420.730	421.326	421.922	422.518	423.114	423.710	424.306	424.902	425.498	426.094	426.690	427.286	427.882	428.478	429.074	429.670	430.266	430.862	431.458	432.054	432.650	433.246	433.842	434.438	435.034	435.630	436.226	436.822	437.418	438.014	438.610	439.206	439.802	440.398	440.994	441.590	442.186	442.782	443.378	443.974	444.570	445.166	445.762	446.358	446.954	447.550	448.146	448.742	449.338	449.934	450.530	451.126	451.722	452.318	452.914	453.510	454.106	454.702	455.298	455.894	456.490	457.086	457.682	458.278	458.874	459.470	460.066	460.662	461.258	461.854	462.450	463.046	463.642	464.238	464.834	465.430	466.026	466.622	467.218	467.814	468.410	469.006	469.602	470.198	470.794	471.390	471.986	472.582	473.178	473.774	474.370	474.966	475.562	476.158	476.754	477.350	477.946	478.542	479.138	479.734	480.330	480.926	481.522	482.118	482.714	483.310	483.906	484.502	485.098	485.694	486.290	486.886	487.482	488.078	488.674	489.270	489.866	490.462	491.058	491.654	492.250	492.846	493.442	494.038	494.634	495.230	495.826	496.422	497.018	497.614	498.210	498.806	499.402	500.000	500.596	501.192	501.788	502.384	502.980	503.576	504.172	504.768	505.364	505.960	506.556	507.152	507.748	508.344	508.940	509.536	510.132	510.728	511.324	511.920	512.516	513.112	513.708	514.304	514.900	515.496	516.092	516.688	517.284	517.880	518.476	519.072	519.668	520.264	520.860	521.456	522.052	522.648	523.244	523.840	524.436	525.032	525.628	526.224	526.820	527.416	528.012	528.608	529.204	529.800	530.396	530.992	531.588	532.184	532.780	533.376	533.972	534.568	535.164	535.760	536.356	536.952	537.548	538.144	538.740	539.336	539.932	540.528	541.124	541.720	542.316	542.912	543.508	544.104	544.700	545.296	545.892	546.488	547.084	547.680	548.276	548.872	549.468	550.064	550.660	551.256	551.852	552.448	553.044	553.640	554.236	554.832	555.428	556.024	556.620	557.216	557.812	558.408	559.004	559.600	560.196	560.792	561.388	561.984	562.580	563.176	563.772	564.368	564.964	565.560	566.156	566.752	567.348	567.944	568.540	569.136	569.732	570.328	570.924	571.520	572.116	572.712	573.308	573.904	574.500	575.096	575.692	576.288	576.884	577.480	578.076	578.672	579.268	579.864	580.460	581.056	581.652	582.248	582.844	583.440	584.036	584.632	585.228	585.824	586.420	587.016	587.612	588.208	588.804	589.400	590.000	590.596	591.192	591.788	592.384	592.980	593.576	594.172	594.768	595.364	595.960	596.556	597.152	597.748	598.344	598.940	599.536	600.132	600.728	601.324	601.920	602.516	603.112	603.708	604.304	604.900	605.496	606.092	606.688	607.284	607.880	608.476	609.072	609.668	610.264	610.860	611.456	612.052	612.648	613.244	613.840	614.436	615.032	615.628	616.224	616.820	617.416	618.012	618.608	619.204	619.800	620.396	620.992	621.588	622.184	622.780	623.376	623.972	624.568	625.164	625.760	626.356	626.952	627.548	628.144	628.740	629.336	629.932	630.528	631.124	631.720	632.316	632.912	633.508	634.104	634.700	635.296	635.892	636.488	637.084	637.680	638.276	638.872	639.468	640.064	640.660	641.256	641.852	642.448	643.044	643.640	644.236	644.832	645.428	646.024	646.620	647.216	647.812	648.408	649.004	649.600	650.196	650.792	651.388	651.984	652.580	653.176	653.772	654.368	654.964	655.560	656.156	656.752	657.348	657.944	658.540	659.136	659.732	660.328	660.924	661.520	662.116	662.712	663.308	663.904	664.500	665.096	665.692	666.288	666.884	667.480	668.076	668.672	669.268	669.864	670.460	671.056	671.652	672.248	672.844	673.440	674.036	674.632	675.228	675.824	676.420	677.016	677.612	678.208	678.804	679.400	680.000	680.596	681.192	681.788	682.384	682.980	683.576	684.172	684.768	685.364	685.960	686.556	687.152	687.748	688.344	688.940	689.536	690.132	690.728	691.324	691.920	692.516	693.112	693.708	694.304	694.900	695.496	696.092	696.688	697.284	697.880	698.476	699.072	699.668	700.264	700.860	701.456	702.052	702.648	703.244	703.840	704.436	705.032	705.628	706.224	706.820	707.416	708.012	708.608	709.204	709.800	710.396	710.992	711.588	712.184	712.780	713.376	713.972	714.568	715.164	715.760	716.356	716.952	717.548	718.144	718.740	719.336	719.932	720.528	721.124	721.720	722.316	722.912	723.508	724.104	724.700	725.296	725.892	726.488	727.084	727.680	728.276	728.872	729.468	730.064	730.660	731.256	731.852	732.448	733.044	733.640	734.236	734.832	735.428	736.024	736.620	737.216	737.812	738.408	739.004	739.600	740.196	740.792	741.388	741.984	742.580	743.176	743.772	744.368	744.964	745.560	746.156	746.752	747.348	747.944	748.540	749.136	749.732	750.328	750.924	751.520	752.116	752.712	753.308	753.904	754.500	755.096	755.692	756.288	756.884	757.480	758.076	758.672	759.268	759.864	760.460	761.056	761.652	762.248	762.844	763.440	764.036	764.632	765.228	765.824	766.420	767.016	767.612	768.208	768.804	769.400	770.000	770.596	771.192	771.788	772.384	772.980	773.576	774.172	774.768	775.364	775.960	776.556	777.152	777.748	778.344	778.940	779.536	780.132	780.728	781.324	781.920	782.516	783.112	783.708	784.304	784.900	785.496	786.092	786.688	787.284	787.880	788.476	789.072	789.668	790.264	790.860	791.456	792.052	792.648	793.244	793.840	794.436	795.032	795.628	796.224	796.820	797.416	798.012	798.608	799.204	799.800	800.396	800.992	801.588	802.184	802.780	803.376	803.972	804.568	805.164	805.760	806.356	806.952	807.548	808.144	808.740	809.336	809.932	810.528	811.124	811.720	812.316	812.912	813.508	814.104	814.700	815.296	815.892	816.488	817.084	817.680	818.276	818.872	819.468	820.064	820.660	821.256	821.852	822.448	823.044	823.640	824.236	824.832	825.428	826.024	826.620	827.216	827.812	828.408	829.004	829.600	830.196	830.792	831.388	831.984	832.580	833.176	833.772	834.368	834.964	835.560	836.156	836.752	837.348	837.944	838.540	839.136	839.732	840.328	840.924	841.520	842.116	842.712	843.308	843.904	844.500	845.096	845.692	846.288	846.884	847.480	848.076	848.672	849.268	849.864	850.460	851.056	851.652	852.248	852.844	853.440	854.036	854.632	855.228	855.824	856.420	857.016	857.612	858.208	858.804	859.400	860.000	860.596	861.192	861.788	862.384	862.980	863.576	864.172	864.768	865.364	865.960	866.556	867.152	867.748	868.344	868.940	869.536	870.132	870.728	871.324	871.920	872.516	873.112	873.708	874.304	874.900	875.496	876.092	876.688	877.284	877.880	878.476	879.072	879.668	880.264	880.860	881.456	882.052	882.648	883.244	883.840	884.436	885.032	885.628	886.224	886.820	887.416	888.012	888.608	889.204	889.800	890.396	890.992	891.588	892.184	892.780	893.376	893.972	894.568	895.164	895.760	896.356	896.952	897.548	898.144	898.740	899.336	899.932	900.528	901.124	901.720	902.316	902.912	903.508	904.104	904.700	905.296	905.892	906.488	907.084	907.680	908.276	908.872	909.468	910.064	910.660	911.256	911.852	912.448	913.044	913.640	914.236	914.832	915.428	916.024	916.620	917.216	917.812	918.408	919.004	919.600	920.196	920.792	921.388	921.984	922.580	923.176	923.772	924.368	924.964	925.560	926.156	926.752	927.348	927.944	928.540	929.136	929.732	930.328	930.924	931.520	932.116	932.712	933.308	933.904	934.500	935.096	935.692	936.288	936.884	937.480	938.076	938.672	939.268	939.864	940.460	941.056	941.652	942.248	942.844	943.440	944.036	944.632	945.228	945.824	946.420	947.016	947.612	948.208	948.804	949.400	950.000	950.596	951.192	951.788	952.384	952.980	953.576	954.172	954.768	955.364	955.960	956.556	957.152	957.748	958.344	958.940	959.536	960.132	960.728	961.324	961.920	962.516	963.112	963.708	964.304	964.900	965.496	966.092	966.688	967.284	967.880	968.476	969.072	969.668	970.264	970.860	971.456	972.052	972.648	973.244	973



VERTICAL GEOMETRY	<div><div><div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div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National Highways & Infrastructure
Development Corporation Limited



JAPAN INTERNATIONAL
COOPERATION AGENCY

REMARKS:

- 1: All Dimensions are in m.
- 2: BC = Box Culvert
- 3: PC = Pipe Culvert

WIDENING AND UPGRADATION TO 2 LANE WITH PAVED
SHOULDER CONFIGURATION AND GEOMETRIC
IMPROVEMENTS IN THE STATE OF MIZORAM

Designed.

Checked

Approved.

Drawn.

Scale.

H=1 : 2500
V=1:250

Date.

Rev.

Date.

Drawn.

Checked.

Approved.

Drawing Title :-

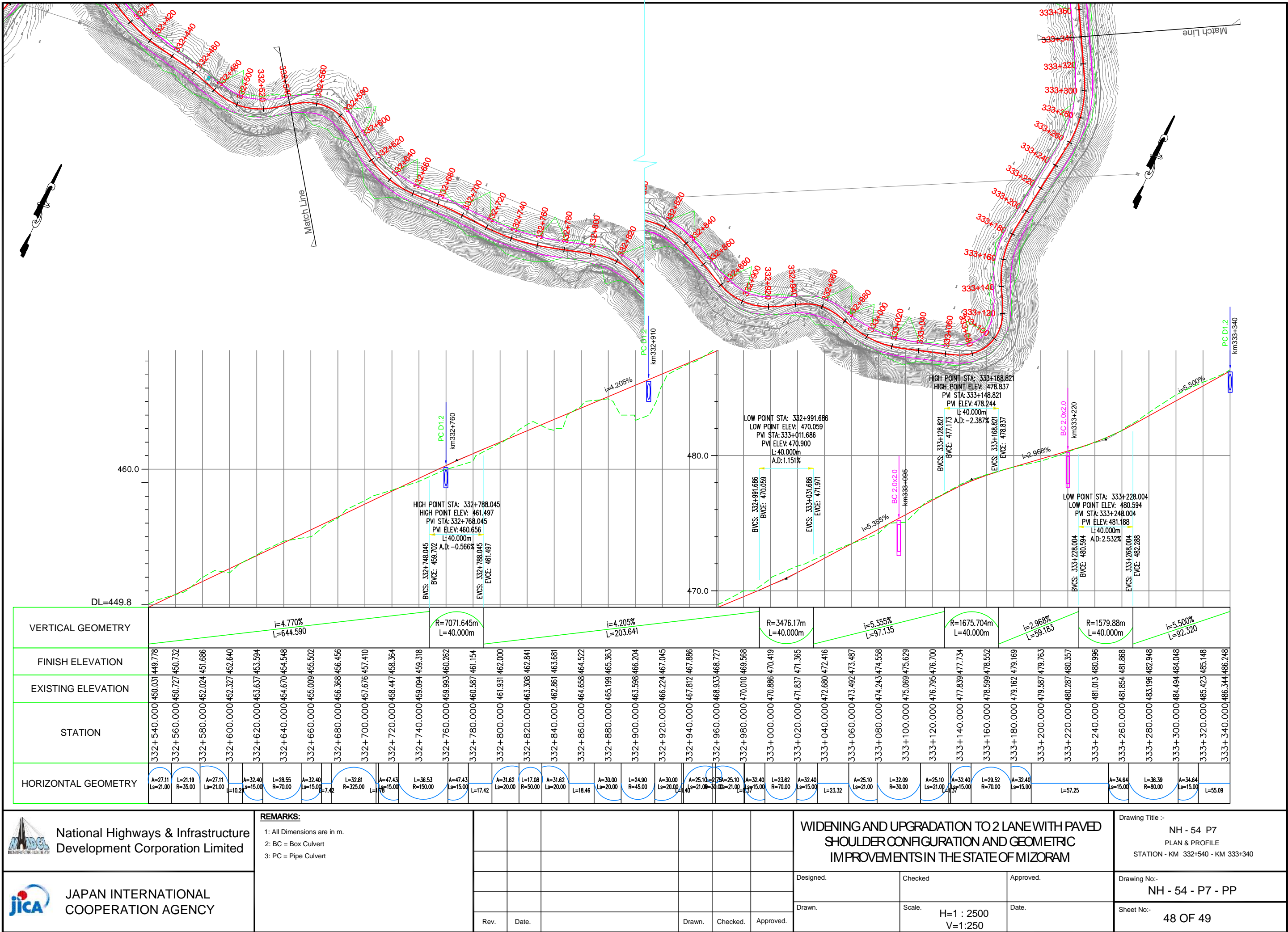
NH - 54 P7
PLAN & PROFILE
STATION - KM 331+740 - KM 332+540

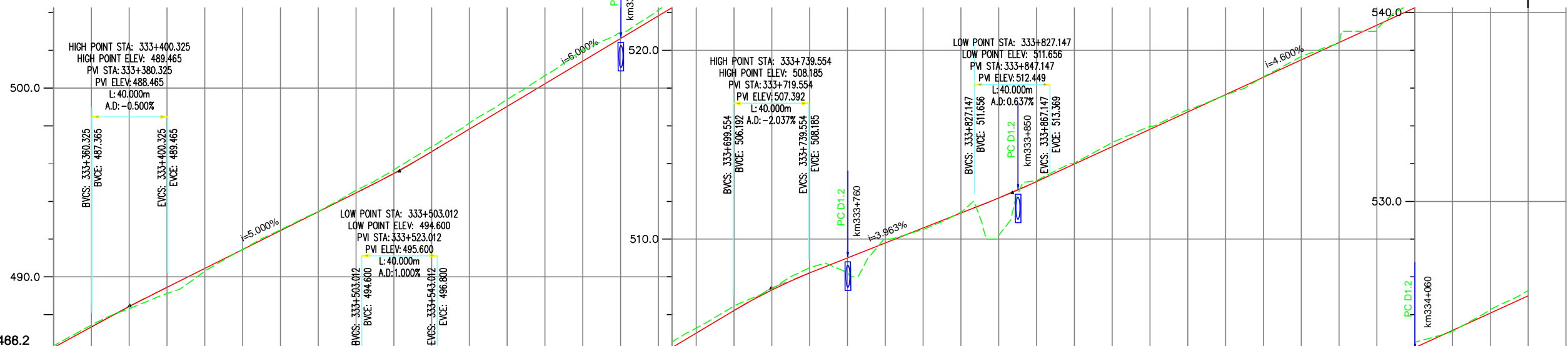
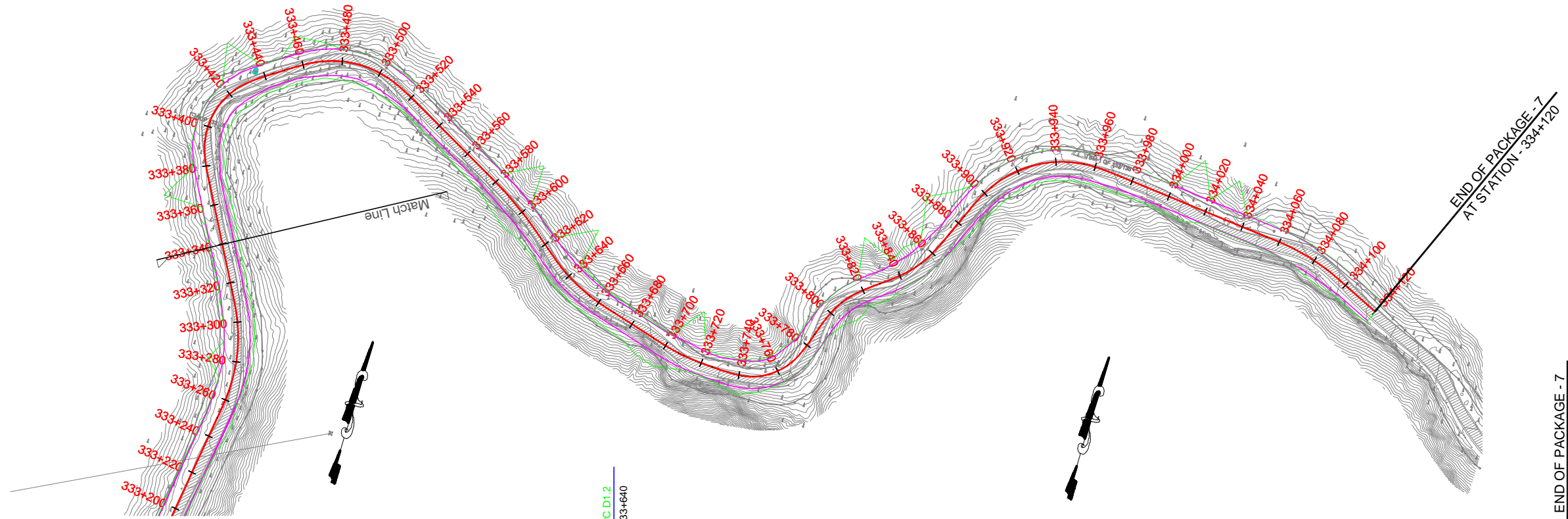
Drawing No:-

NH - 54 - P7 - PP

Sheet No:-

47 OF 49





VERTICAL GEOMETRY																																												
FINISH ELEVATION	486.248	487.348	488.423	489.449	490.449	491.449	492.449	493.449	494.449	495.485	496.620	497.819	499.019	500.219	501.419	502.619	503.819	505.019	506.219	507.313	508.203	509.995	509.788	510.580	511.373	512.179	513.044	513.960	514.880	515.800	516.720	517.640	518.560	519.480	520.400	521.320	522.240	523.160	524.080	525.000				
EXISTING ELEVATION	486.344	487.447	488.306	489.110	490.300	491.451	492.481	493.461	494.586	495.661	496.895	498.154	499.389	500.654	502.022	502.925	504.128	505.287	506.460	507.352	508.484	510.000	510.504	511.396	512.198	513.106	514.021	515.118	515.969	516.846	517.619	518.591	519.666	520.357	521.136	522.528	523.114	524.269	525.271					
STATION	333+340.000	333+360.000	333+380.000	333+400.000	333+420.000	333+440.000	333+460.000	333+480.000	333+500.000	333+520.000	333+540.000	333+560.000	333+580.000	333+600.000	333+620.000	333+640.000	333+660.000	333+680.000	333+700.000	333+720.000	333+740.000	333+760.000	333+780.000	333+800.000	333+820.000	333+840.000	333+860.000	333+880.000	333+900.000	333+920.000	333+940.000	333+960.000	333+980.000	334+000.000	334+020.000	334+040.000	334+060.000	334+080.000	334+100.000	334+120.000				
HORIZONTAL GEOMETRY																																												



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Designed.	Checked	Approved.
Drawn.	Scale. H=1 : 2500 V=1:250	Date.

Drawing Title :-
NH - 54 P7
PLAN & PROFILE
STATION - KM 333+340 - KM 334+120

Drawing No:-
NH - 54 - P7 - PP
Sheet No:-
49 OF 49