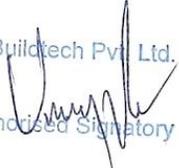


VARIATION IN LOCATION OF GABION WALLS

S.N.	TYPE OF STRUCTURE	DESIGN CH. AS PER CA		CHAINAGE BEFORE RECONCILIATION		FINAL CHAINAGE AFTER RECONCILIATION			SIDE	REMARKS	
		FROM	TO	FROM	TO	FROM	TO	LENGTH			
1	GABION WALLS	96+220	96+350	96+220	96+350	96+360	96+680	320	VALLEY SIDE		
2	GABION WALLS	99+050	99+250	99+050	99+250	99+190	99+390	200	VALLEY SIDE		
								TOTAL LENGTH (VALLEY SIDE)	520.00		

NOTE :

- 1 Dumping Zones approved in contract agreement, Schedule B - Cl. 12.3
- 2 Gabion Walls approve Vide Lr. No. LNM/MoRTH/PIU/Pkg-V/2022-23/1492 DT. 22.06.2022

For Shivalik Buildtech Pvt. Ltd.

 Authorised Signatory



- Details of dumping sites in package-V along with their capacity in terms of CuM (Private +Forest Land), total muck dumped so far and capacity left unutilized. As per the approved DPR, there was the provision of gabion wall of height 20 mtrs and length 85mtrs for two dumping sites as protection measures. Please, provide the current status of retaining structures at these sites and the funds allotted for this work? Also, provide the copy of the agreement done with private landowners for using their land as dumping site (If available).

Reply: As per dumping site details, muck management plan, and finalized utilization details of muck for Package-5 enclosed herewith.

- Total hydroseeding and bamboo plantation (in terms of area) proposed and actually carried out along with its current status in package-v and funds allotted for this work?

Sr. No.	Component in Package-V	Minimum Scope (in Sqm)	Total executed (in Sqm)
1	Slope protection in Sliding Zones with Geocell & Hydroseeding	12900	15968
2	Hydroseeding	23477	23787
3	Bamboo plantation	32128	32129

- Number of Sliding zones in package-IV (Minus-Gumma) and what protection measures were proposed to be provided. Please, give details of each sliding zone in section IV and current status of remedial measures/protection measures taken and estimated funds allotted for this work?

There is no identified/ designated sliding zone in Package IV. Further, the project has been executed under EPC mode wherein it is the responsibility of the Contractor to conduct a detailed Geological/ Geotechnical investigation and accordingly, suggest measures for stabilization. The payment is on lump-sum basis for the provisions specified in the signed EPC Contract Agreement. Further, provisions such as Gabion wall, toe wall, breast wall, hydroseeding, interlink chain mesh with grass strips, etc. have already been envisaged in the scope.

Chainage-wise details of the Gabion wall, toe wall, breast wall and slope protection work executed at site are as follows:

Variation in Location of Breast Wall (Annexure-II)										
S. No.	Structure Description	Design Ch As Per CA		Chainage Before Reconciliation		Final Chainage after reconciliation			Side	Remarks
		From	To	From	To	From	To	Length (m)		
1	Breast Wall	75.000	75.008	75.273	75.294	75.256	75.277	21	Hill Side	Approved vide letter No
2	Breast Wall	75.008	75.124	75.935	75.948	75.935	75.948	13	Hill Side	
3	Breast Wall	75.154	75.156	76.037	76.068	76.037	76.068	31	Hill Side	
4	Breast Wall	75.178	75.190	76.275	76.290	76.275	76.290	15	Hill Side	
5	Breast Wall	75.218	75.222	76.336	76.366	76.336	76.366	30	Hill Side	
6	Breast Wall	75.258	75.312	76.460	76.477	76.460	76.477	17	Hill Side	
7	Breast Wall	75.348	75.500	76.484	76.491	76.484	76.491	7	Hill Side	
8	Breast Wall	75.508	75.520	76.572	76.629	76.572	76.629	57	Hill Side	
9	Breast Wall	75.550	75.610	76.652	76.706	76.652	76.706	54	Hill Side	
10	Breast Wall	75.624	75.642	76.853	76.875	76.853	76.875	22	Hill Side	
11	Breast Wall	75.656	75.658	77.171	77.230	77.171	77.230	59	Hill Side	
12	Breast Wall	75.698	75.774	77.282	77.341	77.282	77.341	59	Hill Side	
13	Breast Wall	76.002	76.036	77.658	77.695	77.658	77.695	37	Hill Side	
14	Breast Wall	76.096	76.130	77.712	77.770	77.712	77.770	58	Hill Side	
15	Breast Wall	76.148	76.166	77.813	77.861	77.813	77.861	48	Hill Side	
16	Breast Wall	76.192	76.198	77.892	77.982	77.892	77.982	90	Hill Side	
17	Breast Wall	76.220	76.260	78.017	78.049	78.017	78.049	32	Hill Side	
18	Breast Wall	76.270	76.298	78.141	78.186	78.141	78.186	45	Hill Side	
19	Breast Wall	76.322	76.324	78.186	78.229	78.186	78.229	43	Hill Side	
20	Breast Wall	76.332	76.382	78.277	78.341	78.277	78.341	64	Hill Side	
21	Breast Wall	76.420	76.460	78.396	78.411	78.396	78.411	15	Hill Side	
22	Breast Wall	76.468	76.498	78.519	78.532	78.519	78.532	13	Hill Side	
23	Breast Wall	76.570	76.574	78.555	78.569	78.555	78.569	14	Hill Side	
24	Breast Wall	76.598	76.628	78.592	78.640	78.592	78.640	48	Hill Side	
25	Breast Wall	76.682	76.688	78.691	78.709	78.691	78.709	18	Hill Side	
26	Breast Wall	76.704	76.706	78.714	78.730	78.714	78.730	16	Hill Side	
27	Breast Wall	76.738	76.752	78.918	78.951	78.918	78.951	33	Hill Side	
28	Breast Wall	76.770	76.784	78.973	79.029	78.973	79.029	56	Hill Side	
29	Breast Wall	76.790	76.794	79.153	79.161	79.153	79.161	8	Hill Side	
30	Breast Wall	76.816	76.836	79.219	79.324	79.219	79.324	105	Hill Side	
31	Breast Wall	76.882	76.904	79.330	79.399	79.330	79.399	69	Hill Side	
32	Breast Wall	76.932	77.012	79.693	79.719	79.693	79.719	26	Hill Side	
33	Breast Wall	77.122	77.134	79.743	79.761	79.743	79.761	18	Hill Side	
34	Breast Wall	77.148	77.154	79.785	79.802	79.785	79.802	17	Hill Side	
35	Breast Wall	77.278	77.312	80.145	80.159	80.145	80.159	14	Hill Side	
36	Breast Wall	77.362	77.366	80.204	80.395	80.204	80.395	191	Hill Side	
37	Breast Wall	78.052	78.060	80.604	80.619	80.604	80.619	15	Hill Side	
38	Breast Wall	78.102	78.150	80.624	80.637	80.624	80.637	13	Hill Side	
39	Breast Wall	78.196	78.202	80.764	80.792	80.764	80.792	28	Hill Side	
40	Breast Wall	78.210	78.228	80.865	80.920	80.865	80.920	55	Hill Side	
41	Breast Wall	78.240	78.252	80.980	81.170	80.980	81.170	190	Hill Side	
42	Breast Wall	78.370	78.400	81.531	81.772	81.531	81.772	241	Hill Side	
43	Breast Wall	78.442	78.464	81.811	81.827	81.811	81.827	16	Hill Side	
44	Breast Wall	78.486	78.568	81.849	81.889	81.849	81.889	40	Hill Side	
45	Breast Wall	78.634	78.640	81.900	81.913	81.900	81.913	13	Hill Side	
46	Breast Wall	78.662	78.678	82.014	82.120	82.014	82.120	106	Hill Side	
47	Breast Wall	78.694	78.696	82.130	82.165	82.130	82.165	35	Hill Side	
48	Breast Wall	78.710	78.730	82.192	82.213	82.192	82.213	21	Hill Side	
49	Breast Wall	78.740	78.760	82.218	82.518	82.218	82.518	300	Hill Side	
50	Breast Wall	78.822	78.828	83.206	83.233	83.206	83.233	27	Hill Side	
51	Breast Wall	78.870	78.872	83.457	83.478	83.457	83.478	21	Hill Side	

As per site requirement location was approved via letter no. LNM/MORTH-PIU/PKG-IV/2023-24/2215 dated 04.05.2023



RESIDENT ENGINEER
L.N.M. Infra Projects Pvt. Ltd.
(NH-707), Shillai

S. No.	Structure Description	Design Ch As Per CA		Chainage Before Reconciliation		Final Chainage after reconciliation			Side	Remarks
		From	To	From	To	From	To	Length (m)		
52	Breast Wall	79.314	79.340	83.611	83.689	83.611	83.689	78	Hill Side	Approved vide letter No
53	Breast Wall	80.026	80.036	83.961	83.974	83.961	83.974	13	Hill Side	
54	Breast Wall	81.242	81.286	84.026	84.127	84.026	84.127	101	Hill Side	
55	Breast Wall	81.596	81.598	84.154	84.353	84.154	84.353	199	Hill Side	
56	Breast Wall	82.636	82.662	84.396	84.430	84.396	84.430	34	Hill Side	
57	Breast Wall	83.110	83.140	84.938	84.946	84.938	84.946	8	Hill Side	
58	Breast Wall	84.526	84.528	84.950	84.952	84.950	84.952	2	Hill Side	
59	Breast Wall	84.634	84.824	87.279	87.330	87.279	87.330	51	Hill Side	
60	Breast Wall	84.830	84.950	87.420	87.436	87.420	87.436	16	Hill Side	
61	Breast Wall	84.984	84.986	87.677	87.741	87.677	87.741	64	Hill Side	
62	Breast Wall	85.362	85.532	87.750	87.773	87.750	87.773	23	Hill Side	
63	Breast Wall	85.582	86.708	87.907	87.927	87.907	87.927	20	Hill Side	
64	Breast Wall	87.332	87.426	87.947	87.972	87.947	87.972	25	Hill Side	
65	Breast Wall	87.432	87.468	88.411	88.517	88.411	88.517	106	Hill Side	
66	Breast Wall	87.506	87.530	89.296	89.374	89.296	89.374	78	Hill Side	
67	Breast Wall	87.968	87.978	90.176	90.186	90.176	90.186	10	Hill Side	
68	Breast Wall	88.070	88.078	90.237	90.259	90.237	90.259	22	Hill Side	
69	Breast Wall	88.134	88.160	90.285	90.335	90.285	90.335	50	Hill Side	
70	Breast Wall	88.172	88.216	90.590	90.629	90.590	90.629	39	Hill Side	
71	Breast Wall	88.564	88.582	90.897	90.914	90.897	90.914	17	Hill Side	
72	Breast Wall	88.610	88.636	93.449	93.483	93.449	93.483	34	Hill Side	
73	Breast Wall	89.420	89.424	93.525	93.538	93.525	93.538	13	Hill Side	
74	Breast Wall	89.432	89.434	93.550	93.596	93.550	93.596	46	Hill Side	
75	Breast Wall	90.066	90.068	93.782	93.810	93.782	93.810	28	Hill Side	
76	Breast Wall	91.224	91.246	94.006	94.019	94.006	94.019	13	Hill Side	
77	Breast Wall	91.272	91.278	94.559	94.593	94.559	94.593	34	Hill Side	
78	Breast Wall	91.330	91.340	94.937	94.951	94.937	94.951	14	Hill Side	
79	Breast Wall	91.390	91.396							As per site requirement location was approved via letter no. LNM/MoRTH-PIU/PKG-IV/2023-24/2215 dated 04.05.2023
80	Breast Wall	91.472	91.480							
81	Breast Wall	91.538	91.556							
82	Breast Wall	91.626	91.634							
83	Breast Wall	91.640	91.646							
84	Breast Wall	91.708	91.716							
85	Breast Wall	91.742	91.780							
86	Breast Wall	91.842	91.858							
87	Breast Wall	91.864	91.866							
88	Breast Wall	93.932	93.938							
89	Breast Wall	93.940	93.952							
90	Breast Wall	93.962	93.966							
91	Breast Wall	94.042	94.074							
92	Breast Wall	94.090	94.094							
93	Breast Wall	94.314	94.318							
94	Breast Wall	94.366	94.388							
95	Breast Wall	94.394	94.400							
96	Breast Wall	94.512	94.542							
97	Breast Wall	94.564	94.578							
Total Length (Hill Side)								3722	0	



RESIDENT ENGINEER
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(NH-707), Shillai

S. No.	Structure Description	Design Ch As Per CA		Chainage Before Reconciliation		Final Chainage after reconciliation				Remarks	
		From	To	From	To	From	To	Length (m)	Side		
138	Toe Wall	90.698	90.703	93.031	93.043	92.868	92.880	12	Valley Side	Approved vide letter No	
139	Toe Wall	90.723	90.731	92.892	92.920	92.880	92.908	28	Valley Side		
140	Toe Wall	90.746	90.750	93.002	93.010	92.941	92.949	8	Valley Side		
141	Toe Wall	90.766	90.771	93.135	93.146	93.038	93.049	11	Valley Side		
142	Toe Wall	90.786	90.788	93.200	93.217	93.119	93.136	17	Valley Side		
143	Toe Wall	90.832	90.857	93.201	93.276	93.160	93.235	75	Valley Side		
144	Toe Wall	90.896	90.920	93.504	93.508	93.332	93.336	4	Valley Side		
145	Toe Wall	90.945	90.997	93.640	93.642	93.486	93.488	2	Valley Side		
146	Toe Wall	91.087	91.098	93.510	93.512	93.498	93.500	2	Valley Side		
147	Toe Wall	91.155	91.182	94.034	94.091	93.766	93.873	57	Valley Side		
148	Toe Wall	91.187	91.202	93.992	94.003	93.879	93.890	11	Valley Side		
149	Toe Wall	91.349	91.440	94.021	94.033	93.950	93.962	12	Valley Side		
150	Toe Wall	91.466	91.472	93.984	94.042	93.967	94.025	58	Valley Side		
151	Toe Wall	91.479	91.486	94.261	94.279	94.114	94.132	18	Valley Side		
152	Toe Wall	91.497	91.504	94.174	94.198	94.144	94.168	24	Valley Side		
153	Toe Wall	91.567	91.576	94.225	94.301	94.185	94.260	75	Valley Side		
154	Toe Wall	91.587	91.598	94.481	94.496	94.333	94.348	15	Valley Side		
155	Toe Wall	91.659	91.664	94.649	94.671	94.491	94.513	22	Valley Side		
156	Toe Wall	91.720	91.739	94.599	94.614	94.545	94.560	15	Valley Side		
157	Toe Wall	91.769	91.783	94.665	94.682	94.605	94.622	17	Valley Side		
158	Toe Wall	91.796	91.804	94.655	94.668	94.630	94.643	13	Valley Side		
159	Toe Wall	91.921	91.927	94.694	94.704	94.662	94.672	10	Valley Side		
160	Toe Wall	92.000	92.003	94.820	94.840	94.741	94.761	20	Valley Side		
161	Toe Wall	92.008	92.018	94.919	94.938	94.830	94.849	19	Valley Side		
162	Toe Wall	92.050	92.122	94.966	94.975	94.898	94.907	9	Valley Side		
163	Toe Wall	92.226	92.234								
164	Toe Wall	92.308	92.312								
165	Toe Wall	92.355	92.453								
166	Toe Wall	92.458	92.476								
167	Toe Wall	92.499	92.501								
168	Toe Wall	92.568	92.597								
169	Toe Wall	92.668	92.691								
170	Toe Wall	92.699	92.705								
171	Toe Wall	92.741	92.761								
172	Toe Wall	92.846	92.860								
173	Toe Wall	92.975	92.982								
174	Toe Wall	93.061	93.081								
175	Toe Wall	93.267	93.272								
176	Toe Wall	93.295	93.308								
177	Toe Wall	93.428	93.435								
178	Toe Wall	93.497	93.525								
179	Toe Wall	93.532	93.543								
180	Toe Wall	93.617	93.688								
181	Toe Wall	93.703	93.717								
182	Toe Wall	93.816	93.880								
183	Toe Wall	93.903	93.911								
184	Toe Wall	93.920	93.927								
185	Toe Wall	93.995	94.004								
186	Toe Wall	94.021	94.042								
187	Toe Wall	94.106	94.119								
188	Toe Wall	94.183	94.195								
189	Toe Wall	94.204	94.216								
190	Toe Wall	94.235	94.244								
191	Toe Wall	94.254	94.262								
192	Toe Wall	94.271	94.287								
193	Toe Wall	94.295	94.319								
194	Toe Wall	94.333	94.335								
195	Toe Wall	94.368	94.450								
196	Toe Wall	94.711	94.722								
197	Toe Wall	94.738	94.798								
198	Toe Wall	94.824	94.848								
Total Length (Valley Side)								4839	0		

As per site requirement location was approved via letter no. LNM/MoRTH-PIU/PKG-IV/2023-24/2216 dated 05.05.2023

As per site requirement location was approved via letter no. LNM/MoRTH-PIU/PKG-IV/2023-24/2216 dated 05.05.2023



RESIDENT ENGINEER
L.N.M. Infra Projects Pvt. Ltd.
(NH-707) Shillai

Variation in Location Gabion (Annexure-4)										
S. No.	Streucture Description	Design Ch As Per CA		Chainage Before Reconciliation		Final Chainage after reconciliation			Side	Remarks
		From	To	From	To	From	To	Length		
1	Gabion Wall	75.000	75.095	75.128	75.152	75.116	75.140	24	Valley Side	Approved vide letter No
2	Gabion Wall	75.108	75.118	75.474	75.500	75.295	75.321	26	Valley Side	
3	Gabion Wall	75.150	75.162	75.389	75.448	75.342	75.401	59	Valley Side	
4	Gabion Wall	75.271	75.378	75.550	75.576	75.446	75.472	26	Valley Side	
5	Gabion Wall	75.392	75.404	75.796	75.818	75.621	75.643	22	Valley Side	
6	Gabion Wall	75.418	75.432	75.681	75.811	75.651	75.781	130	Valley Side	
7	Gabion Wall	75.466	75.496	75.929	76.070	75.790	75.931	141	Valley Side	
8	Gabion Wall	75.515	75.664	76.174	76.288	75.982	76.096	114	Valley Side	
9	Gabion Wall	75.712	75.715	76.228	76.391	76.105	76.268	163	Valley Side	
10	Gabion Wall	75.802	75.859	76.455	76.594	76.280	76.419	139	Valley Side	
11	Gabion Wall	75.877	75.970	76.576	76.637	76.428	76.489	61	Valley Side	
12	Gabion Wall	75.982	75.993	76.562	76.566	76.495	76.499	4	Valley Side	
13	Gabion Wall	76.005	76.008	76.539	76.562	76.517	76.540	23	Valley Side	
14	Gabion Wall	76.020	76.083	76.607	76.947	76.562	76.902	340	Valley Side	
15	Gabion Wall	76.107	76.137	77.322	77.355	76.942	76.975	33	Valley Side	
16	Gabion Wall	76.147	76.167	77.024	77.041	76.983	77.000	17	Valley Side	
17	Gabion Wall	76.183	76.207	77.047	77.062	77.015	77.030	15	Valley Side	
18	Gabion Wall	76.216	76.244	77.045	77.055	77.030	77.040	10	Valley Side	
19	Gabion Wall	76.277	76.420	77.070	77.080	77.050	77.060	10	Valley Side	
20	Gabion Wall	76.433	76.438	77.120	77.127	77.085	77.092	7	Valley Side	
21	Gabion Wall	76.445	76.460	77.175	77.206	77.130	77.161	31	Valley Side	
22	Gabion Wall	76.511	76.518	77.290	77.350	77.210	77.270	60	Valley Side	
23	Gabion Wall	76.539	76.674	77.376	77.398	77.293	77.315	22	Valley Side	
24	Gabion Wall	76.696	76.997	77.417	77.432	77.355	77.370	15	Valley Side	
25	Gabion Wall	77.023	77.220	77.487	77.503	77.421	77.437	16	Valley Side	
26	Gabion Wall	77.228	77.510	77.479	77.514	77.450	77.485	35	Valley Side	
27	Gabion Wall	77.590	78.120	77.580	77.593	77.515	77.528	13	Valley Side	
28	Gabion Wall	78.148	78.713	77.567	77.626	77.541	77.600	59	Valley Side	
29	Gabion Wall	78.765	78.905	77.679	77.689	77.610	77.620	10	Valley Side	
30	Gabion Wall	78.917	80.312	77.760	77.788	77.685	77.713	28	Valley Side	
31	Gabion Wall	80.559	80.591	77.855	77.872	77.770	77.787	17	Valley Side	
32	Gabion Wall	80.700	80.768	77.850	77.895	77.810	77.855	45	Valley Side	
33	Gabion Wall	80.978	80.986	77.920	77.947	77.865	77.892	27	Valley Side	
34	Gabion Wall	81.010	81.083	78.041	78.112	77.953	78.024	71	Valley Side	
35	Gabion Wall	81.215	81.229	78.173	78.225	78.063	78.115	52	Valley Side	
36	Gabion Wall	81.264	81.285	78.185	78.231	78.124	78.170	46	Valley Side	
37	Gabion Wall	81.311	81.316	78.762	78.815	78.443	78.496	53	Valley Side	
38	Gabion Wall	81.374	81.398	78.761	78.816	78.602	78.657	55	Valley Side	
39	Gabion Wall	81.411	81.421	79.068	79.206	78.835	78.973	138	Valley Side	
40	Gabion Wall	81.478	81.503	79.125	79.286	78.980	79.141	161	Valley Side	
41	Gabion Wall	81.628	81.644	79.346	79.381	79.163	79.198	35	Valley Side	
42	Gabion Wall	81.721	81.747	79.497	79.504	79.330	79.337	7	Valley Side	
43	Gabion Wall	81.873	81.895	79.370	79.436	79.350	79.416	66	Valley Side	
44	Gabion Wall	82.159	82.176	79.482	79.496	79.416	79.430	14	Valley Side	
45	Gabion Wall	82.545	82.548	79.446	79.507	79.431	79.492	61	Valley Side	
46	Gabion Wall	82.611	82.620	79.565	79.616	79.498	79.549	51	Valley Side	
47	Gabion Wall	82.668	82.707	79.622	79.714	79.560	79.652	92	Valley Side	
48	Gabion Wall	82.738	82.757	79.826	79.872	79.693	79.739	46	Valley Side	
49	Gabion Wall	82.793	82.818	79.807	79.895	79.750	79.838	88	Valley Side	
50	Gabion Wall	82.876	82.903	79.950	79.987	79.850	79.887	37	Valley Side	
51	Gabion Wall	82.954	82.967	79.986	80.061	79.918	79.993	75	Valley Side	
52	Gabion Wall	83.052	83.098	80.090	80.186	80.004	80.100	96	Valley Side	
53	Gabion Wall	83.193	83.199	80.298	80.302	80.151	80.155	4	Valley Side	
54	Gabion Wall	83.354	83.366	80.183	80.278	80.167	80.262	95	Valley Side	
55	Gabion Wall	83.379	83.385	80.463	80.497	80.315	80.349	34	Valley Side	
56	Gabion Wall	83.406	83.513	80.399	80.429	80.357	80.387	30	Valley Side	
57	Gabion Wall	83.539	83.582	80.705	80.789	80.531	80.615	84	Valley Side	

As per site requirement location was approved via letter no. INM/MoITH-PIU/PKG-IV/2023-24/2218 dated 06.05.2023



RESIDENT ENGINEER
L.N.M. Malviya Projects Pvt. Ltd.
(M/117) Shillai

S. No.	Structure Description	Design Ch As Per CA		Chainage Before Reconciliation		Final Chainage after reconciliation			Side	Remarks
		From	To	From	To	From	To	Length		
58	Gabion Wall	83.597	83.924	80.721	80.849	80.626	80.754	128	Valley Side	Approved vide letter No
59	Gabion Wall	83.979	84.021	81.014	81.042	80.820	80.848	28	Valley Side	
60	Gabion Wall	84.046	84.235	80.912	80.990	80.866	80.944	78	Valley Side	
61	Gabion Wall	84.270	84.542	81.034	81.135	80.950	81.051	101	Valley Side	
62	Gabion Wall	84.594	84.606	81.172	81.241	81.061	81.130	69	Valley Side	
63	Gabion Wall	84.617	84.631	81.657	81.785	81.359	81.487	128	Valley Side	
64	Gabion Wall	84.650	84.682	81.639	81.670	81.499	81.530	31	Valley Side	
65	Gabion Wall	84.689	84.810	81.659	81.706	81.579	81.626	47	Valley Side	
66	Gabion Wall	84.823	84.837	81.763	81.802	81.671	81.710	39	Valley Side	
67	Gabion Wall	84.861	84.948	81.947	81.965	81.809	81.827	18	Valley Side	
68	Gabion Wall	84.971	85.064	81.865	81.888	81.837	81.860	23	Valley Side	
69	Gabion Wall	85.075	85.080	82.003	82.014	81.920	81.931	11	Valley Side	
70	Gabion Wall	85.086	85.090	81.980	82.042	81.950	82.012	62	Valley Side	
71	Gabion Wall	85.095	85.114	82.436	82.441	82.193	82.198	5	Valley Side	
72	Gabion Wall	85.121	85.126	82.299	82.447	82.246	82.394	148	Valley Side	
73	Gabion Wall	85.144	85.160	82.560	82.653	82.403	82.496	93	Valley Side	
74	Gabion Wall	85.168	85.370	82.637	82.659	82.520	82.542	22	Valley Side	
75	Gabion Wall	85.336	85.379	82.588	82.599	82.554	82.565	11	Valley Side	
76	Gabion Wall	85.395	85.411	82.580	82.593	82.567	82.580	13	Hill Side	
77	Gabion Wall	85.544	85.571	82.585	82.622	82.576	82.613	37	Valley Side	
78	Gabion Wall	85.612	86.614	82.650	82.666	82.613	82.629	16	Hill Side	
79	Gabion Wall	87.533	87.546	82.655	82.726	82.634	82.705	71	Valley Side	
80	Gabion Wall	87.609	87.622	82.950	82.979	82.792	82.821	29	Valley Side	
81	Gabion Wall	87.664	87.754	82.880	82.909	82.836	82.865	29	Valley Side	
82	Gabion Wall	87.825	87.836	82.916	82.990	82.876	82.950	74	Valley Side	
83	Gabion Wall	87.939	87.956	83.122	83.208	82.999	83.085	86	Valley Side	
84	Gabion Wall	87.969	87.978	83.215	83.255	83.107	83.147	40	Valley Side	
85	Gabion Wall	88.095	88.118	83.515	83.579	83.311	83.375	64	Valley Side	
86	Gabion Wall	88.174	88.188	83.451	83.493	83.381	83.423	42	Valley Side	
87	Gabion Wall	88.276	88.234	83.779	83.795	83.580	83.596	16	Valley Side	
88	Gabion Wall	88.382	88.669	83.630	83.645	83.605	83.620	15	Valley Side	
89	Gabion Wall	89.120	89.141	83.651	83.790	83.628	83.767	139	Valley Side	
90	Gabion Wall	89.341	89.348	83.920	83.951	83.774	83.805	31	Valley Side	
91	Gabion Wall	89.457	89.463	83.874	83.995	83.824	83.945	121	Valley Side	
92	Gabion Wall	89.542	89.554	84.084	84.154	83.954	84.024	70	Valley Side	
93	Gabion Wall	89.592	89.614	84.104	84.175	84.029	84.100	71	Valley Side	
94	Gabion Wall	89.635	89.670	84.193	84.427	84.111	84.345	234	Valley Side	
95	Gabion Wall	89.676	89.875	84.719	84.869	84.415	84.565	150	Valley Side	
96	Gabion Wall	89.902	89.919	84.739	84.821	84.577	84.659	82	Valley Side	
97	Gabion Wall	90.178	90.227	85.327	85.386	84.952	85.011	59	Valley Side	
98	Gabion Wall	90.260	90.267	85.118	85.130	85.035	85.047	12	Valley Side	
99	Gabion Wall	90.281	90.287	85.077	85.114	85.056	85.093	37	Valley Side	
100	Gabion Wall	90.351	90.422	85.150	85.162	85.103	85.115	12	Valley Side	
101	Gabion Wall	90.677	90.722	85.141	85.175	85.122	85.156	34	Valley Side	
102	Gabion Wall	90.858	90.895	85.200	85.259	85.161	85.220	59	Valley Side	
103	Gabion Wall	91.183	91.186	85.321	85.358	85.241	85.278	37	Valley Side	
104	Gabion Wall	91.505	91.523	85.319	85.346	85.280	85.307	27	Valley Side	
105	Gabion Wall	91.736	91.830	85.354	85.407	85.317	85.370	53	Valley Side	
106	Gabion Wall	91.925	91.999	85.951	85.967	85.634	85.650	16	Valley Side	
107	Gabion Wall	92.004	92.007	85.780	85.935	85.707	85.862	155	Valley Side	
108	Gabion Wall	92.027	92.043	86.033	86.214	85.870	86.051	181	Valley Side	
109	Gabion Wall	92.075	92.225	86.262	86.293	86.066	86.097	31	Valley Side	
110	Gabion Wall	92.313	92.344	86.314	86.339	86.190	86.215	25	Valley Side	
111	Gabion Wall	92.356	92.420	86.790	86.836	86.490	86.536	46	Valley Side	
112	Gabion Wall	92.454	92.457	86.982	87.108	86.736	86.862	126	Valley Side	
113	Gabion Wall	92.469	92.471	87.384	87.540	87.060	87.216	156	Valley Side	
114	Gabion Wall	92.477	92.567	87.372	87.488	87.216	87.332	116	Valley Side	
115	Gabion Wall	92.591	92.593	87.514	87.624	87.365	87.475	110	Valley Side	
116	Gabion Wall	92.598	92.606	88.107	88.256	87.736	87.885	149	Valley Side	
117	Gabion Wall	92.619	92.667	88.112	88.138	87.924	87.950	26	Valley Side	
118	Gabion Wall	92.692	92.698	88.686	88.699	88.305	88.318	13	Valley Side	
119	Gabion Wall	92.706	92.740	88.487	88.651	88.396	88.560	164	Valley Side	
120	Gabion Wall	92.861	92.974	89.004	89.404	88.700	89.100	400	Valley Side	

As per site requirement location was approved via letter no. LNM/MoRTH-PIU/PKG-V/2023-24/2218 dated 06.05.2023



RESIDENT ENGINEER
L.N.M. Infra Projects Pvt. Ltd.
(NH-7, Shillai)

S. No.	Structure Description	Design Ch As Per CA		Chainage Before Reconciliation		Final Chainage after reconciliation			Side	Remarks	
		From	To	From	To	From	To	Length			
121	Gabion Wall	92.983	92.986	89.774	89.913	89.237	89.376	139	Valley Side	Approved vide letter No	
122	Gabion Wall	93.018	93.022	89.663	89.686	89.450	89.473	23	Valley Side		
123	Gabion Wall	93.035	93.060	89.514	89.583	89.482	89.551	69	Valley Side		
124	Gabion Wall	93.082	93.256	89.824	89.865	89.653	89.694	41	Valley Side		
125	Gabion Wall	93.309	93.427	89.751	89.844	89.702	89.795	93	Valley Side		
126	Gabion Wall	93.436	93.496	89.996	90.057	89.849	89.910	61	Valley Side		
127	Gabion Wall	93.526	93.531	90.105	90.123	89.977	89.995	18	Valley Side		
128	Gabion Wall	93.544	93.616	90.143	90.233	90.060	90.150	90	Valley Side		
129	Gabion Wall	93.718	93.815	90.260	90.411	90.160	90.311	151	Valley Side		
130	Gabion Wall	93.831	93.833	90.544	90.595	90.352	90.403	51	Valley Side		
131	Gabion Wall	94.005	94.023	90.472	90.508	90.412	90.448	36	Valley Side		
132	Gabion Wall	94.150	94.182	90.498	90.533	90.455	90.490	35	Valley Side		
133	Gabion Wall	94.288	94.294	90.535	90.582	90.495	90.542	47	Valley Side		
134	Gabion Wall	94.336	94.367	90.607	90.713	90.551	90.657	106	Valley Side		
135	Gabion Wall	94.723	94.737	91.127	91.144	90.839	90.856	17	Hill Side		
136	Gabion Wall	94.799	94.823	91.047	91.183	90.943	91.079	136	Valley Side		
137	Gabion Wall	91.572	91.574	91.233	91.245	91.088	91.100	12	Valley Side		
138	Gabion Wall	93.892	93.908	92.044	92.101	91.566	91.623	57	Valley Side		
139	Gabion Wall	94.000	94.002	92.114	92.159	91.840	91.885	45	Valley Side		
140	Gabion Wall	94.076	94.080	92.072	92.166	91.956	92.050	94	Valley Side		
141	Gabion Wall	94.312	94.320	92.134	92.149	92.045	92.069	24	Hill Side		
142	Gabion Wall	94.360	94.364	92.075	92.114	92.067	92.099	32	Valley Side		
143	Gabion Wall	94.390	94.402	92.396	92.468	92.228	92.300	72	Valley Side		
144	Gabion Wall	94.508	94.510	92.422	92.441	92.325	92.344	19	Valley Side		
145	Gabion Wall	94.544	94.562	92.815	92.857	92.570	92.612	42	Valley Side		
146	Gabion Wall	94.580	94.582	92.676	92.707	92.623	92.654	31	Valley Side		
147	Gabion Wall			92.908	92.941	92.908	92.941	33	Valley Side		
148	Gabion Wall			92.949	93.038	92.949	93.038	89	Valley Side		
149	Gabion Wall			93.049	93.119	93.049	93.119	70	Valley Side		
150	Gabion Wall			93.235	93.332	93.235	93.332	97	Valley Side		
151	Gabion Wall			93.336	93.411	93.336	93.411	75	Valley Side		
152	Gabion Wall			93.421	93.486	93.421	93.486	65	Valley Side		
153	Gabion Wall			93.500	93.552	93.500	93.552	52	Valley Side		
154	Gabion Wall			93.654	93.709	93.654	93.709	55	Valley Side		
155	Gabion Wall			93.717	93.766	93.717	93.766	49	Valley Side		
156	Gabion Wall			93.823	93.879	93.823	93.879	56	Valley Side		
157	Gabion Wall			93.910	93.926	93.910	93.926	16	Valley Side		
158	Gabion Wall			93.928	93.950	93.928	93.950	22	Valley Side		
159	Gabion Wall			94.068	94.114	94.068	94.114	46	Valley Side		
160	Gabion Wall			94.132	94.144	94.132	94.144	12	Valley Side		
161	Gabion Wall			94.260	94.333	94.260	94.333	73	Valley Side		
162	Gabion Wall			94.348	94.362	94.348	94.362	14	Valley Side		
163	Gabion Wall			94.372	94.405	94.372	94.405	33	Valley Side		
164	Gabion Wall			94.411	94.417	94.411	94.417	6	Valley Side		
165	Gabion Wall			94.419	94.491	94.419	94.491	72	Valley Side		
166	Gabion Wall			94.513	94.517	94.513	94.517	4	Valley Side		
167	Gabion Wall			94.520	94.532	94.520	94.532	12	Valley Side		
168	Gabion Wall			94.761	94.812	94.761	94.812	51	Valley Side		
								Valley Side Total Length (m)	10222		
								Hill Side Total Length (m)	70		
								Total Length (m)	10292		

As per site requirement location was approved via letter no. LNM/MoRTH-PIU/PKG-IV/2023-24/2218 dated 06.05.2023

Note: - Retaining wall with Gabion facing has been constructed on valley side and gabion wall has been constructed on hill side



RESIDENT ENGINEER
L.N. Malviya Infra Projects Pvt. Ltd.
(NH-07), Shillai

Variation in Location of Sub surface Drain (Annexure-10)										
S. No.	Structure Description	Design Cb As Per CA		Chalrage Before Reconciliation		Final Chalrage after reconciliation				Remarks
		From	To	From	To	From	To	Length	Quantity (Nos)	
1	Sub surface Drain	75.095	75.370	75.095	75.370	75.095	75.370	275	4	Approved vide letter No As per site requirement location was approved via letter no. LNM/MoRTH-FIU/PRG-IV/2023-24/7243(A) dated 13.05.2023
2	Sub surface Drain	81.690	81.790	81.690	81.790	81.690	81.790	100	2	
3	Sub surface Drain	82.530	82.820	82.530	82.820	82.530	82.820	290	4	
4	Sub surface Drain	92.470	92.570	92.470	92.570	92.470	92.570	100	2	
5	Sub surface Drain	94.180	94.280	94.180	94.280	94.180	94.280	100	2	
6	Sub surface Drain	94.480	94.780	94.480	94.780	94.480	94.780	300	4	
7	Sub surface Drain	94.780	94.880	94.780	94.880	94.780	94.880	100	2	
Total Length								1265		
Total Quantity (Nos)									20	



RESIDENT ENGINEER
L.N.M. Infra Projects Pvt. Ltd.
(NH-707), Shillai

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- Details of dumping sites in package-IV (Minus-Gumma) along with their capacity in terms of CuM Private + forest Land), total muck dumped so far and capacity left unutilized, As per approved DPR what was the provision of gabion wall (in terms of height and length) for these dumping sites. Please, provide current status of retaining structures at these sites funds allotted for this work? Also, provide the copy of agreement done with private land owners for using their land as dumping site (if available).

Reply: As per dumping site details, muck management plan, finalized utilization details of muck for Package-4 enclosed herewith.

- Total quantity of muck generated from landslides and rainfall. How muck of this muck was collected by MoRTH and disposed off at designated dumping sites

Reply: As per muck management plan and finalized utilization details of muck for Package-4 and Package-5 enclosed herewith.

Handover Memorandum in accordance with Clause 8.2.1 of the EPC Contract Agreement signed on 12.03.2021 in respect of the work “*Rehabilitation and Upgradation to 2-lane configuration of Shri Kyari - Gumma section (km 75.000 to km 94.900) of NH-707 in the State of Himachal Pradesh under Green National Highways Corridor Project (GNHCP) with the loan assistance of World Bank on EPC mode*” (RFB Reference no.: GNHCP_HP_NH-707_16)

1. The chainage-wise status of land availability in respect of Shri Kyari - Gumma section (km 75.000 to km 94.900) of NH-707 is indicated below:

Sr. no.	Design Chainage (m)		Length (m)	Status of Land	Remarks/ Width available (m)	Whether construction Zone available
	From	To				
1	75000	82500	7500	NH land	22	Yes
2	82500	86700	4200	Forest land	18 (Forest Land diversion obtained)	Yes
3	86700	87000	300	NH land	22	Yes
4	87000	89380	2380	Acquired land	18	Yes
5	89380	93610	4230	NH land	22	Yes
6	93610	93860	250	NH land	9 (Continuous encroachments on left and right side)	No
7	93860	94900	1040	NH land	22	Yes
			19900		Total	

Muck Management Plan

Package-4



PROJECT:- Rehabilitation and up-gradation to 2-lane/2-lane with paved shoulder/4-lane configuration of Shri Kyari-Gumma Section (km. 75.000 to km. 94.900) of NH-707 in the state of Himachal Pradesh under Green National Highways Corridor Project (GNHCP) with loan assistance of World Bank on EPC Mode -Package 4.

INTRODUCTION: -

Horizontal and vertical profile of the existing road is deficient in many aspects at numerous places. Horizontal curves and gradient needs to be improved. Deficiency in other geometric features such as cross slope, super elevation etc. has to be taken care of while designing or widening of existing road. In hills, availability of space is a big constraint. The existing road is single lane, therefore hill cutting and construction of retaining wall is to be done in such a way that the 3.5 m width of road is always available for the movement of traffic. Some of the existing deficient curves cannot be improved to 30 m radius due to compelling site constraints. At these locations height of hill cutting is enormous which restrain improvement of curves to 30 m radius. These curves shall be improved for maximum possible radius. For construction of different components of the project, hill excavation is involved. The excavation shall result in generation of muck which have to be disposed of to such designated areas where the muck does not substantially interfere with either environment / ecology or the river flow regime and do not cause turbidity impairing the quality of water. The disposal of muck has to be scientifically planned keeping in view the economic aspects necessitating nearness to the muck generating component of work, which understandably reduce the travel time of dumpers.

In the project, the total estimated bulk quantity of the muck generated will be 8 lakhs cum (including over break and swell factor) out of which tentatively 3.1 lakhs cum quantity will be used in various components of project work and the remaining bulk quantity of muck will be properly stacked. The toes of the disposal location will be retained and protected by providing suitably designed gabion walls.

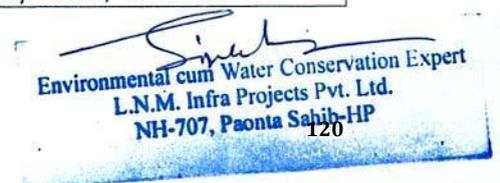
Based on the excavation quantities, a muck management plan has been formulated to manage the disposal of muck and restore such areas from further degradation of the environment.

Geology

Geologically, the rock formations occupying the districts range in age from the Pre-Cambrian to the Quaternary period. The generalized geological succession in the district is given in table 1.

Table 1 Generalized geological succession of Sirmaur and Shimla districts of Himachal Pradesh

Era	Period	Formation	Lithology
Quaternary	Recent to Pleistocene	Alluvium /valley fills/ Older alluvium	Sand with pebbles and clay & multiple cyclic sequences of medium to coarse-grained sand with pebbles of sandstone and lenses of clay
Tertiary	Pliocene – M-Miocene	Siwalik Group	Sandstone, shale, conglomerate, mudstone, clay, gravel & boulder beds
Pre-Tertiary Group	L-Miocene – Oligo-Eocen	Kasauli/Dags hai/ Subathu	Grey, purple sandstone, Shale, nodular clay, Shale, Limestone, etc.
	Pre Carboniferous	Karol/ InfraKarol, Blainis boulder	Limestone, shale, red shale Carbonaceous shale, slate, greywacke, dolomitic



		beds	limestone.
	Devonian	Jaunsar series	Slates schist phyllite
	Pre-Cambrian	Chail series	Slates called Shimla slates
	Achaean	Jutogh series	Quartzites, schist and limestone

Package 4 of the NH 707 of about 19.900 km consists of lower Himalaya formations. These formations contain the Shali group of formations. The lithological sequence of the area is given in table 4. Tiuni formations consist of massive quartzite, shale, slate and basic intrusives. Deoban formations occur as younger formations in this area consist of massive dolomite shale and limestone.

Table 1 : : Lithology of package 4 of NH 707

Group	Formation	Lithology
Shali group	Deoban formation	Massive dolomite shale and limestone
	Tiuni formation (Atul Quartzite)	Massive quartzite shale, slate, and Basic Intrusives

Action plan and roles/ responsibilities:

Further, as per provisions of the signed EPC Contract Agreement some disposal sites have been acquired and handed over by the Authority. Tentative capacity of these dumping sites is 3 lakhs cum and for remaining quantity muck disposal sites shall be identified/ arranged by the Contractor after obtaining permission from concerned land owner (s) for disposal of hill cut materials on private land in accordance with signed EPC Contract Agreement.

Stabilisation measures

Engineering measures

After excavation, disposal of muck creates problem as it is susceptible to scattering unless muck disposal sites are supported with suitable retaining structures like gabion wall. In the project, half the section lies in plain terrain and Contractor may start the work in plain section till identification of dumping sites which are required to be obtained by the Contractor as per signed EPC Contract Agreement. Accordingly, contractor shall identify locations for dumping the excess muck generated during construction.

Slope protection measures

Slope protection measures require special efforts as the muck disposed in disposal sites will in general be devoid of nutrients and soil contents to support vegetation. The vegetation will be generated through hydroseeding, bamboo plantation, grass striping etc. To control the erosion of the muck geocell and jute/coir mat will be used in the dumping sites.

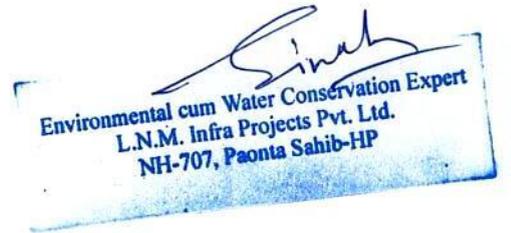
In view of the peculiar site conditions, particularly soil conditions, the planting technique for all categories of plants has to be very site specific and suited to stress conditions as anticipated and discussed above. The plantation areas will need to be considerably improved to support the plants in their initial stages of establishment. Moisture retention capability, availability of nutrients and soil permeability and porosity will require intervention and assistance.



Singh
 Environmental cum Water Conservation Expert
 L.N.M. Infra Projects Pvt. Ltd.
 NH-707, Paonta Sahib-HP
 121

The slope protection works measures shall be taken up towards the end of construction after completion of the desired capacity of the dumping site. The plantations will be maintained for a period of 5 years by irrigating the plantation during dry seasons.

Although the sites will be either levelled or finished in a grade. However, due to rains and sliding etc, it tends to develop rills and gulley causing acceleration in the rate of erosion. Therefore, while carrying out plantation suitable soil conservation measures like draping jute/coir mat, geocell and benching will also be taken.



Finalized muck disposal/ utilization report:**SELECTION OF MUCK DISPOSAL SITE:**

The selection of muck disposal sites was carried out considering the quantity of the muck, landscape, cost effectiveness, nearness to source of generation, absence of ground and surface water, relief and scope for afforestation works. All the dumping locations are well supported at base and at higher elevation by suitable retaining structures. Subsequently all the muck disposal sites will be developed by taking up plantation through slope protection methods.

QUANTITY GENERATION:

As per estimate 8 lakh cum of muck was supposed to be generated. However, owing to fragile geology the actual quantity of material generated during hill cutting is 13.6 lakh cum and due to extreme adverse weather condition and cloud burst event 50 thousand cum of extra quantity of muck was generated which was disposed off at muck disposal sites.

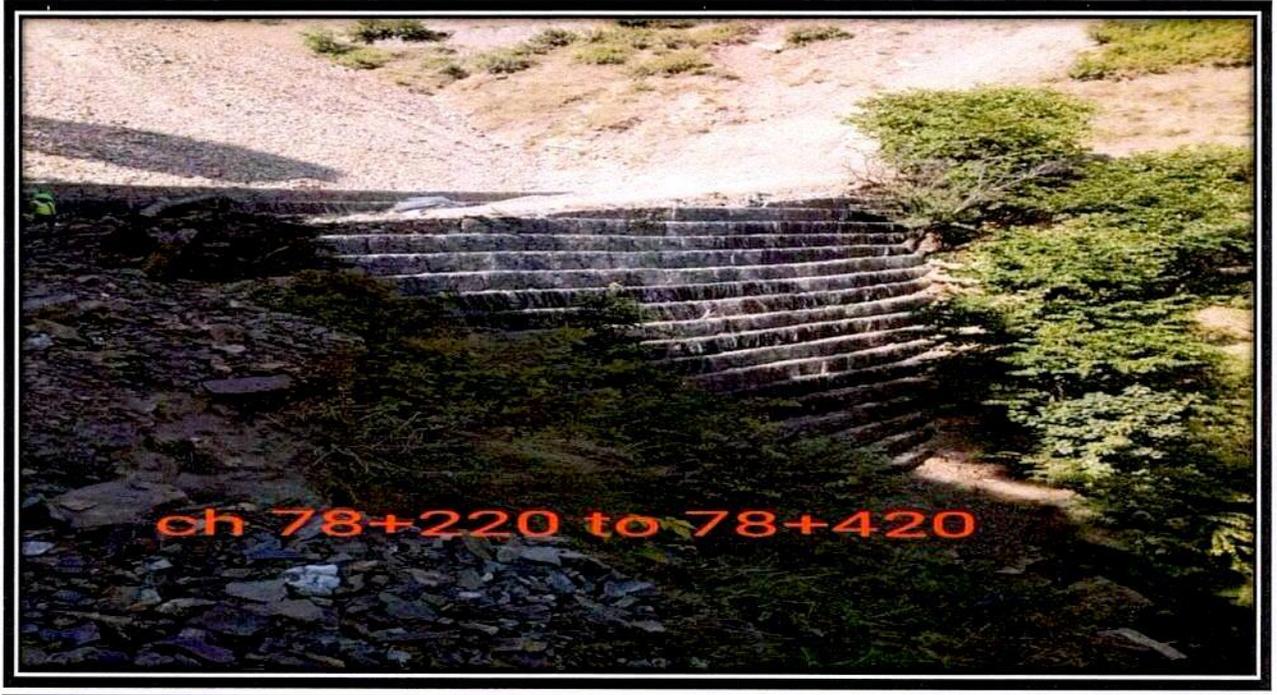
Out of 14.1 lakh cum of material excavated/ generated, 3.1 lakh cum quantity of material was utilized in various project components like subgrade preparation, construction of shoulders, CTSB, WMM, DBM, BC, Gabion wall, toe wall, breast wall, parapet wall, drain, cable box, culverts, retaining walls, filter media, bridges, rain water harvesting structures, way side amenity etc., development of junctions, bus bay and other project components.

Accordingly, following Eight (08) muck dumping sites have been identified matching the criteria. The details of dumping sites along with their total capacity and amount of muck disposed are enumerated in the below table.

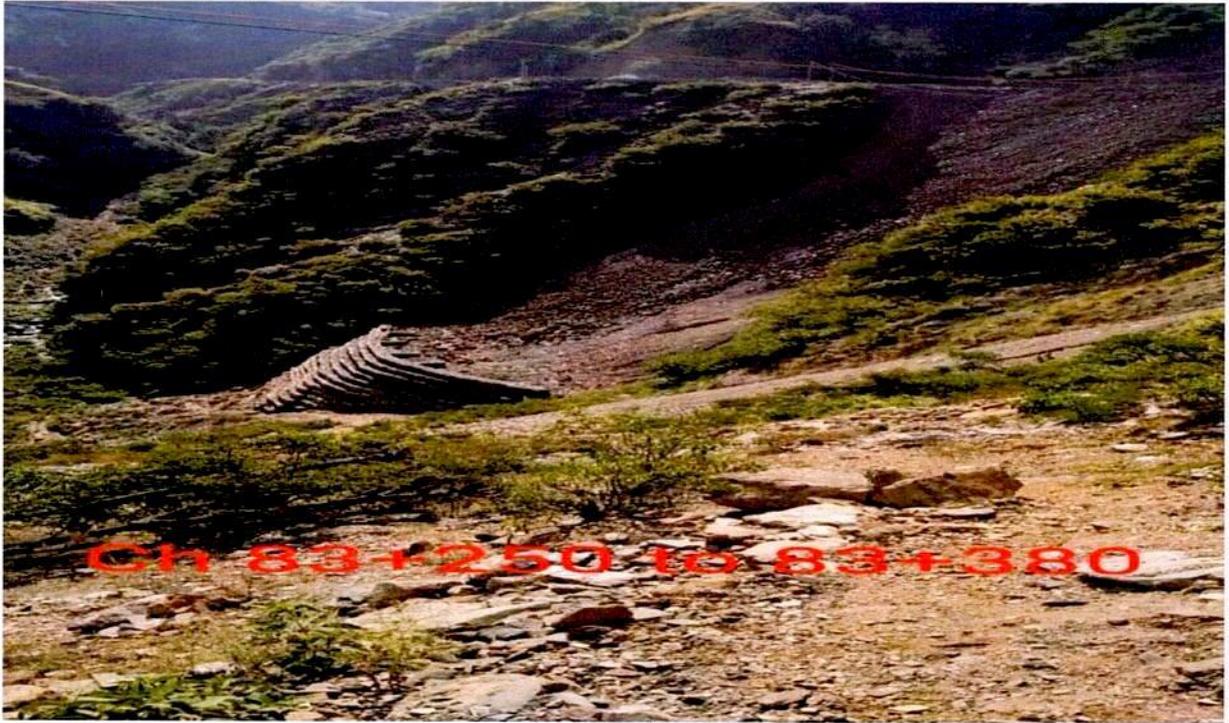
Sr. No.	Dumping Zones (Chainage)	Dumping Capacity QTY cum	Total Dumped Muck QTY in cum
1.	Dumping Zone 01 (Km 78+220)	150000	150000
2.	Dumping Zone 02 (Km 81+220)	148810	148810
3.	Dumping Zone 03 (Km 83+250)	223930	223930
4.	Dumping Zone 04 (Km 84+420)	79920	79920
5.	Dumping Zone 05 (Km 89+750)	171828	171828
6.	Dumping Zone 06 (Km 90+070)	78524	78524
7.	Dumping Zone 07 (Km 90+670)	172540	172540
8.	Dumping Zone 08 (Km 93+710)	79000	79000
Total		1104552	1104552



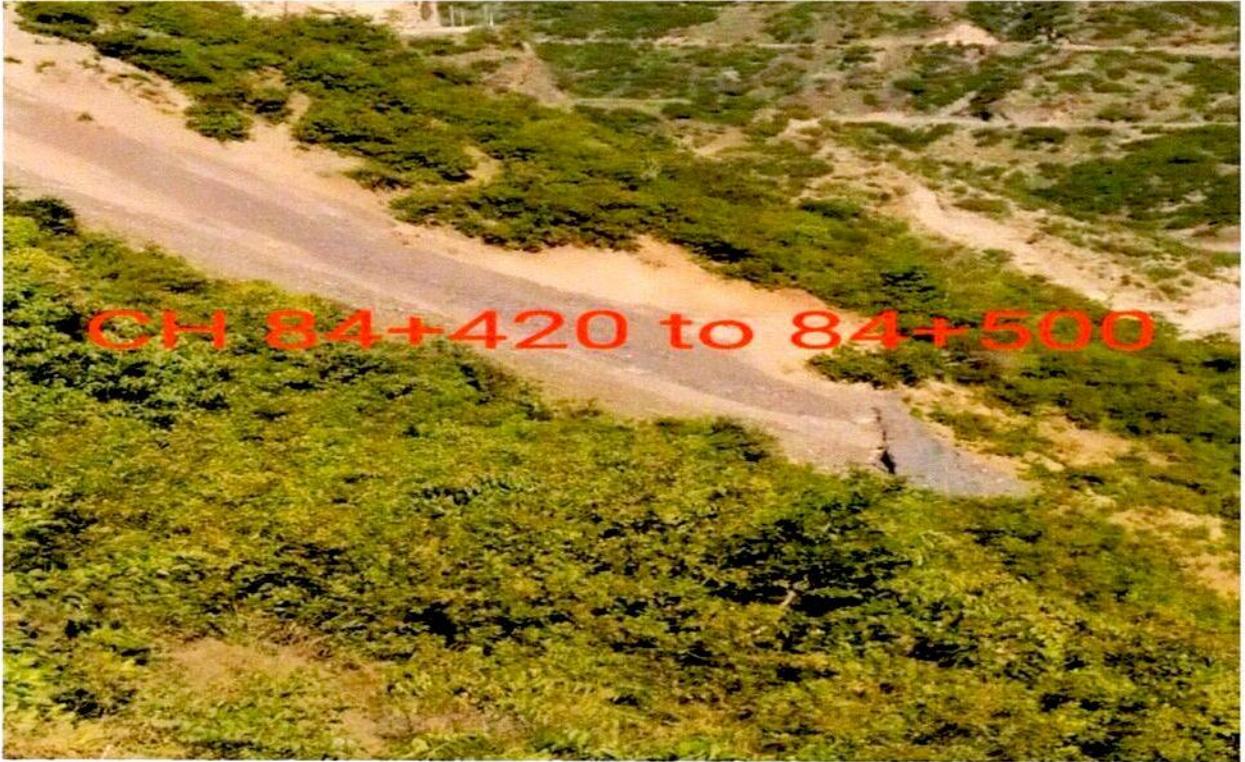
Singh
 Environmental cum Water Conservation Expert
 L.N.M. Infra Projects Pvt. Ltd.
 NH-707, Paonta Sahib-HP



Singh
Environmental and Water Conservation Expert
L.N.M. Infra Projects Pvt. Ltd.
NH-707, Paonta Sahib-HP



Singh
Environmental cum Water Conservation Expert
L.N.M. Infra Projects Pvt. Ltd.
NH-707, Paonta Sahib-HP



Singh
Environmental cum Water Conservation Expert
L.N.M. Infra Projects Pvt. Ltd.
NH-707, Paonta Sahib-HP



Sinha
Environmental cum Water Conservation Expert
L.N.M. Infra Projects Pvt. Ltd.
NH-707, Pooni Sahib

3345

Status of Dumping Site of Package - 4

Sr.No.	Name of Village	Design Chainage (m)	Type of Land	Dumping Capacity (Cum)	Total Dumped Till Date Cum)
1	Drawil	78+220	Acquired Land	150000	150000
2	Dharwa	81+220	Arranged by Contractor	148810	148810
3	Jamli	83+250	Arranged by Contractor	223930	223930
4	Jamli	84+420	Arranged by Contractor	79920	79920
5	Rohana	89+750	Arranged by Contractor	171828	171828
6	Near Gumma	90+070	Arranged by Contractor	78524	78524
7	Near Gumma	90+670	Acquired Land	172540	172540
8	Gumma	93+710	Arranged by Contractor	79000	79000
			Total	1104552	1104552



3346



L.N. MALVIYA INFRA PROJECTS PVT. LTD.

Office: H.No. 122/2, B Block, Adarsh Colony, Ward No.3, Badripur, Paonta Sahib
Email: lnmpsh707@gmail.com

CIN No. U45201DL2010PTC373715

Ref: LNM/MoRTH-PIU/PKG-IV/2020-21/382(A)

Date: 26.09.2021

To,

The Project Manager
M/s PRL-DCC (JV) Pvt. Ltd. (PKG-IV)
Meenus, Himachal Pradesh.

Sub.: "Rehabilitation/Upgradation to intermediate lane configuration of Shri Kyari - Gumma Section (km 75.000 to km 94.900) of NH-707 (Package IV) in the State of Himachal Pradesh under Green National Highways Corridor Project (GNHCP) with the loan assistance of World Bank on EPC mode."
Reg. Approval of Dumping Sites.

Ref. PRL-DCC(JV)/HP/0136 Dated 23.09.2021

Dear Sir,

With reference to above cited subject vide which you have submitted the dumping site location at chainage 78+220 & 90+670 for approval. The same has been reviewed by authority engineer and found in order.

Further contractor is instructed to ensure protection as per drawing and layer wise compaction during muck disposal.

Regards,

TEAM LEADER
L.N.M. Infra Projects
Pvt. Ltd. (NH-707),
Paonta Sahib

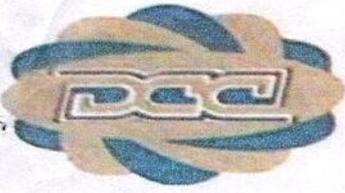
Authorized Signatory
M/s L.N. Malviya Infra Projects Pvt. Ltd.

Copy to: -

1. **The Project Director**, MoRTH-PIU, Paonta Sahib.
2. **The C.M.D**, M/s L.N. Malviya Infra Projects Pvt. Ltd.
3. **The Project Coordinator**, M/s L.N. Malviya Infra Projects Pvt. Ltd.
4. **The Resident Engineer-2**, Shillai-M/s L.N. Malviya Infra Projects Pvt. Ltd.

Registered Office: Plot No.29, F/F, Sector 11, Dwarka, New Delhi-110078

Corporate Office: T-10, IIIrd Floor, City Center, Press Complex, Plot No.1, M.P. Nagar zone I Bhopal



3347

PRL-DCC (JV)

Ref. No: PRL-DCC (JV)/HP/0136

Date: -23.09.2021

To,

The Team Leader
LN Malviya Infra Project Pvt. Ltd.
H. No. 122/2, B Block,
Adarsh Colony, Ward
No. 3, Badripur Poanta
Sahib, Sirmour,
Himachal Pradesh -
173025

Subject: Rehabilitation & Upgradation to Intermediate Lane Configuration of Shri Kyari - Gumma Section (Km. 75.000 to Km. 94.900) of NH - 707 in the state of Himachal Pradesh under Green National Highway Corridor Project (GNHCP) with loan assistance of World Bank on EPC Mode. -**Regarding Dumping Site Approval.**

Dear Sir,

With reference to above subject cited, we have required approval of Dumping site at Chainage -**78+220 & 90+670.**

Thanking you and assuring you for best services at all times.

Thanking You
Yours Sincerely

PRL-DCC (JV)

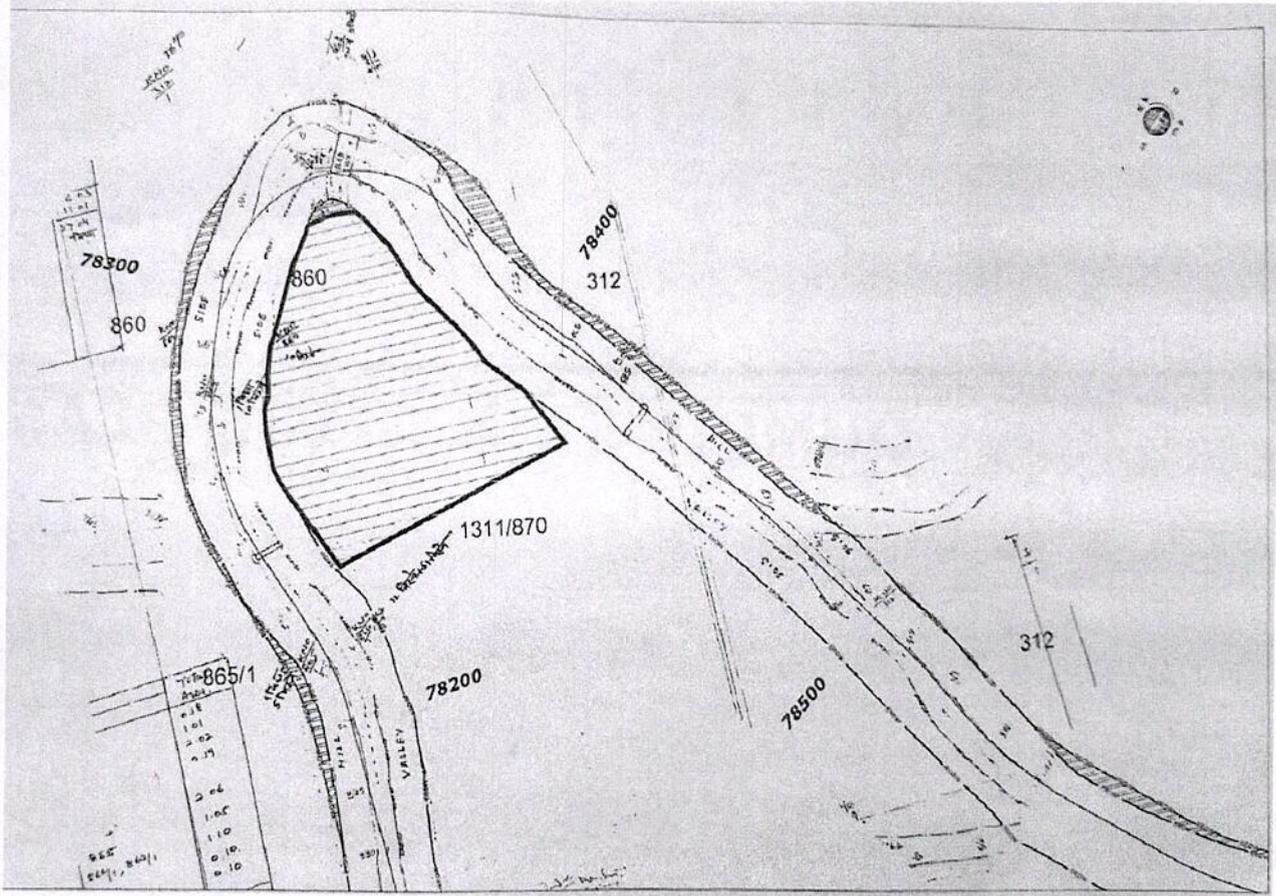
Pardeep Singh
Authorized Signatory

Authorized Signatory
PRL-DCC(JV)

Cc: The Resident Engineer, M/s LN Malviya Infra Project Pvt. Ltd.
The Project Director, PIU Paonta Sahib, MoRTH.

Resistered office :Plot no.DSB-17,Sector panchayat pocket bhiwani-127021 (Haryana)
Corporate office :A-119,Block,Shushant Lok,Phase-I,Gurugram-122002 (Haryana)
Ph.No.01664-250848,Email ID : dwt.const@gmail.com

Rehabilitation/Upgradation to intermediate lane configuration of Shri Kyari - Gumma Section (km 75.000 to km 94.900) of NH-707 (Package IV) in the State of Himachal Pradesh under Green National Highways Corridor Project (GNHCP) with the loan assistance of World Bank on EPC mode



Avg Area -2937.0 Sqm
Avg Height- 9.56 m

Dumping Yard @ CH-78+220





Ref: LNM/MoRTH-PIU/PKG-IV/2020-21/397(A)

Date: 13.10.2021

To,

The Project Manager
M/s PRL-DCC (JV) Pvt. Ltd. (PKG-IV)
Meenus, Himachal Pradesh.

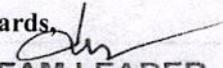
Sub.: "Rehabilitation/Upgradation to intermediate lane configuration of Shri Kyari - Gumma Section (km 75.000 to km 94.900) of NH-707 (Package IV) in the State of Himachal Pradesh under Green National Highways Corridor Project (GNHCP) with the loan assistance of World Bank on EPC mode."
Reg. Approval of Dumping Sites.

Ref. PRL-DCC(JV)/HP/53(A) Dated 10.10.2021

Dear Sir,

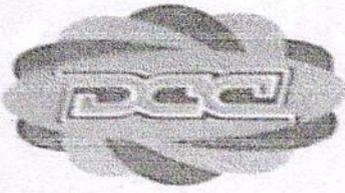
With reference to above cited subject vide which you have submitted the dumping site location at chainage 81+220 for approval. The same has been reviewed by authority engineer and found in order. Further contractor is instructed to ensure protection as per drawing and layer wise compaction during muck disposal.

Regards,


TEAM LEADER
L.N.M. Infra Projects
Pvt. Ltd. (NH-707),
Paonta Sahib
Authorized Signatory
M/s L.N. Malviya Infra Projects Pvt. Ltd.

Copy to: -

1. **The Project Director**, MoRTH-PIU, Paonta Sahib.
2. **The C.M.D**, M/s L.N. Malviya Infra Projects Pvt. Ltd.
3. **The Project Coordinator**, M/s L.N. Malviya Infra Projects Pvt. Ltd.
4. **The Resident Engineer-2**, Shillai-M/s L.N. Malviya Infra Projects Pvt. Ltd.



3351 PRL-DCC (JV)

Ref. No: PRL-DCC (JV)/HP/53 (A)

Date: -10.10.2021

To,

The Team Leader
LN Malviya Infra Project Pvt. Ltd.
H. No. 122/2, B Block,
Adarsh Colony, Ward
No. 3, Badripur Poanta
Sahib, Sirmour,
Himachal Pradesh -
173025

Subject: Rehabilitation & Upgradation to Intermediate Lane Configuration of Shri Kyari - Gumma Section (Km. 75.000 to Km. 94.900) of NH - 707 in the state of Himachal Pradesh under Green National Highway Corridor Project (GNHCP) with loan assistance of World Bank on EPC Mode. -**Regarding Dumping Site Approval.**

Dear Sir,

With reference to above subject cited, we have required approval of Dumping site at Chainage -81+200.

Thanking you and assuring you for best services at all times.

Thanking You

Yours Sincerely

PRL-DCC (JV)

Pantap Singh

Authorized Signatory

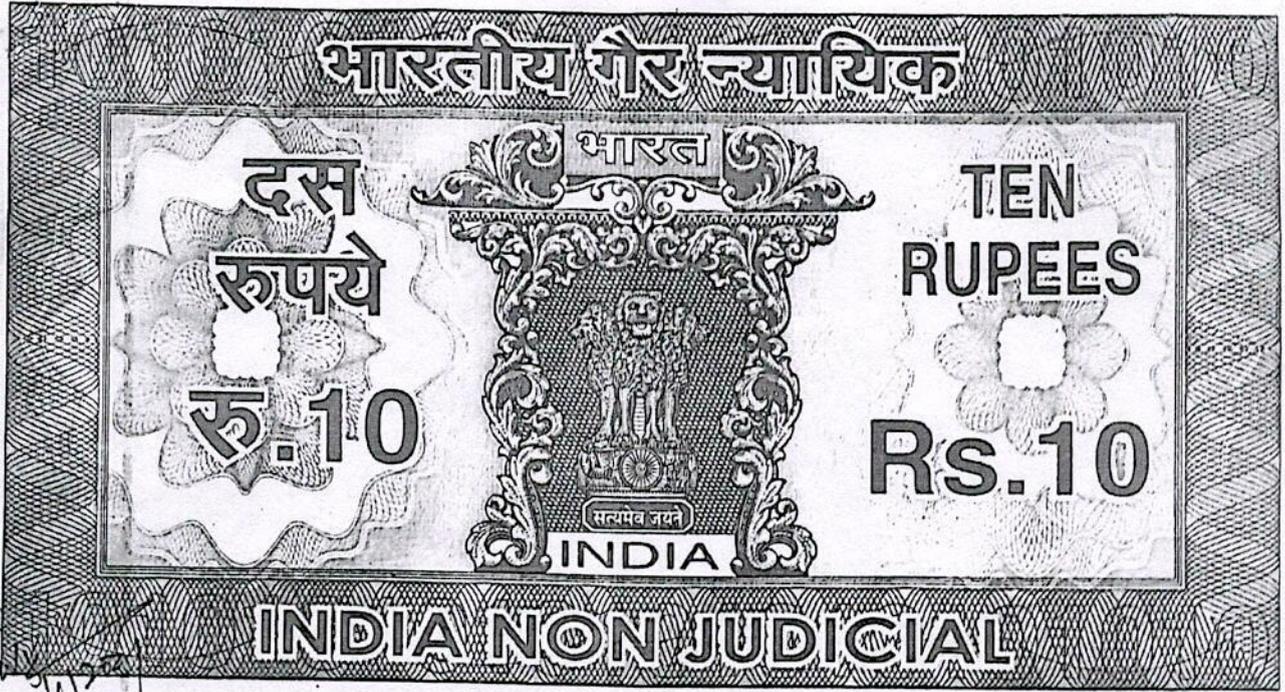
PRL-DCC(JV)

Cc: The Resident Engineer, M/s LN Malviya Infra Project Pvt. Ltd.
The Project Director, PIU Paonta Sahib, MoRTH.

Resistered office :Plot no.DSB-17, Sector panchayat pocket bhiwani-127021 (Haryana)

Corporate office :A-119,Block,Shushant Lok,Phase-I,Gurugram-122002 (Haryana)

Ph.No.01664-250848,Email ID : dwt.const@gmail.com



म.०
जा
19/6/21
एगीमेंट
हिमाचल प्रदेश HIMACHAL PRADESH

11AA 499730

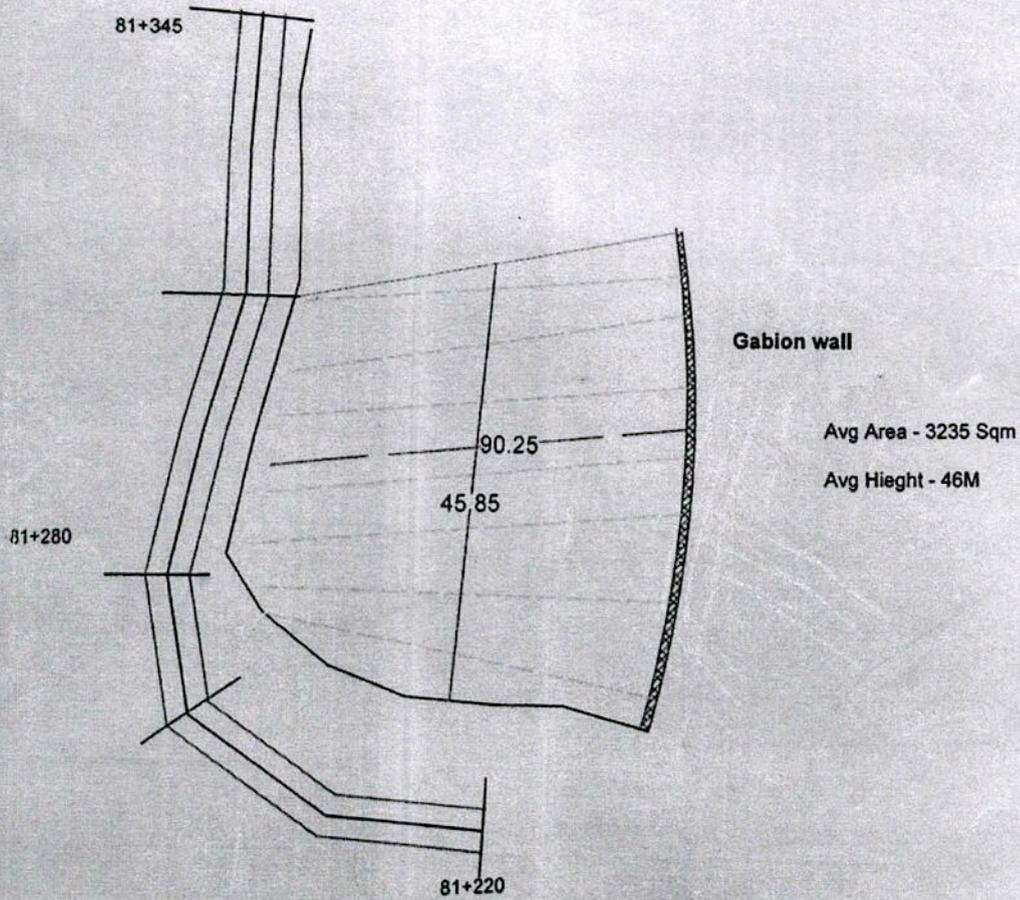
यह एगीमेंट आज मिति; 09/06/2021 को श्री सन्त राम पुत्र दौलत राम आयु 42 साल रण सिंह पुत्र शिविया आयु 55 साल, कम्प्लि-मुन कवर सिंह, ^{पुत्र 7/77} आयु 85 साल ग्राम धारवा उप तहसील रोन्हाट जिला सिरमौर हि०प्र० प्रथम पक्ष व Dhaterval कन्ट्रेक्शन कम्पनी दोनों पक्षों के बिच निश्पादित किया गया है।

यह कि हम प्रथम पक्ष मौजा धारवा में शामिलत देह अराजी खसरा न० 533 मिन तादादी 10-00 बिघा व खसरा न० 391 तादादी 47-13 बिघा शामिलत देह मे हिस्सेदार, काबिज अराजी है। हमने अपनी उक्त काविज शुद्धा शामिलत अराजी खसरा न० 533 मिन से 1-00 बिघा व खसरा न० 391 से 1-00 बिघा किता 2 कुल रकबा तादादी 57-13 बिघा से कुल 2-00 बिघा रकबा को Dhaterval कन्ट्रेक्शन कम्पनी को बराए डम्पिंग हेतु दे रहे हैं। कन्ट्रेक्शन कम्पनी रोड से निकलने वाले मलवे को उपरोक्त नम्बरन खसरा मे रेवद खाला मे डंप कर सकते हैं। हमारा कोई भी एतराज नहीं है। तथा डम्प करने के उपरान्त उपरोक्त नम्बरान खसरा पर कम्पनी/ सरकार का कोई भी हक न होगा, उक्त रकबा पर उपरोक्त मालकानो का ही हक होगा।

ATTESTED

Executive Magistrate
Naib Tehsildar Sub Div.
Rohat Distt Sirmour

Construction of Rehabilitation & Upgradation to Intermediate Lane Configuration of Shri Kyari - Gumma Section (km.75.000 to km.94.900) of NH-707 in the state of Himachal Pradesh under Green National Highway Corridor Project (GNHCP) with the loan assistance of World Bank.



Dumping Yard @ CH- 81+220 to 81+345





Ref: LNM/MoRTH-PIU/PKG-IV/2020-21/620(B)

Date: 13.12.2021

To,

The Project Manager

M/s PRL-DCC (JV) Pvt. Ltd. (PKG-IV)
Meenus, Himachal Pradesh.

Sub.: "Rehabilitation/Upgradation to intermediate lane configuration of Shri Kyari - Gumma Section (km 75.000 to km 94.900) of NH-707 (Package IV) in the State of Himachal Pradesh under Green National Highways Corridor Project (GNHCP) with the loan assistance of World Bank on EPC mode."

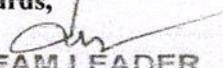
Reg. Approval of Dumping Sites

Ref. PRL-DCC(JV)/HP/67(A) Dated 10.12.2021

Dear Sir,

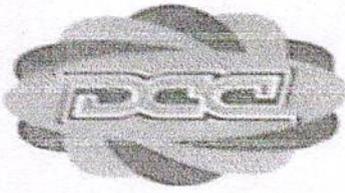
With reference to above cited subject vide which you have submitted the dumping site location at chainage **83+250** for approval. The same has been reviewed by authority engineer and found in order. Further contractor is instructed to ensure protection as per drawing and layer wise compaction during muck disposal.

Regards,


TEAM LEADER
Authorized Signatory
M/s L.N. Malviya Infra Projects Pvt. Ltd.

Copy to: -

1. **The Project Director**, MoRTH-PIU, Paonta Sahib.
2. **The C.M.D**, M/s L.N. Malviya Infra Projects Pvt. Ltd.
3. **The Project Coordinator**, M/s L.N. Malviya Infra Projects Pvt. Ltd.
4. **The Resident Engineer-2**, Shillai-M/s L.N. Malviya Infra Projects Pvt. Ltd.



3355

PRL-DCC (JV)

Ref. No: PRL-DCC (JV)/HP/67(A)

Date: -10.12.2021

To,

The Team Leader
LN Malviya Infra Project Pvt. Ltd.
H. No. 122/2, B Block,
Adarsh Colony, Ward
No. 3, Badripur Poanta
Sahib, Sirmour,
Himachal Pradesh -
173025

Subject: Rehabilitation & Upgradation to Intermediate Lane Configuration of Shri Kyari - Gumma Section (Km. 75.000 to Km. 94.900) of NH - 707 in the state of Himachal Pradesh under Green National Highway Corridor Project (GNHCP) with loan assistance of World Bank on EPC Mode. -**Regarding Dumping Site Approval.**

Dear Sir,

With reference to above subject cited, we have required approval of Dumping site at Chainage -**83+250**.

Thanking you and assuring you for best services at all times.

Thanking You
Yours Sincerely
PRL-DCC (JV)

Pardeep Singh
Authorized Signatory
PRL-DCC(JV)

Cc: The Resident Engineer, M/s LN Malviya Infra Project Pvt. Ltd.
The Project Director, PIU Paonta Sahib, MoRTH.

Resistered office :Plot no.DSB-17,Sector panchayat pocket bhiwani-127021 (Haryana)
Corporate office :A-119,Block,Shushant Lok,Phase-I,Gurugram-122002 (Haryana)
Ph.No.01664-250848,Email ID : dwt.const@gmail.com



हिमाचल प्रदेश HIMACHAL PRADESH

C 142424

प्रमाणित किया जाता है की ग्राम पंचायत झकांडो में NH 707 का कार्य शुरू हुवा है जो की D.C.C.PVT.LTD द्वारा किया जा रहा है। इस कम्पनी को मूलवा गिराने के लिए डम्पिंग करने के लिए ग्रामवासियों ने (अवास धाटा) नजदीक जामली के पास जगह देने का निर्णय लिया है। यदि कल लिए कोई व्यक्ति एस जगह देने के लिए एतराज करेगा तो इसके लिए हम ग्राम वासी स्वम् जिम्मेवार होंगे। कम्पनी द्वारा इसके बदले झकांडो मन्दिर के लिए 151000/- (एक लाख एकावन हजार) धन राशी दिए गये है।

नाम	हस्ताक्षर
1. सुन्दर सिंह	
2. जगत सिंह	
3. दिश सिंह	
4. नरपत सिंह	
5. विजय राम	
6. लाल राम	
7. भोहर सिंह	
8. धौगु राम	
9. प्रताप सिंह	
10. अदर सिंह	
11. सीताराम	
12. जीत सिंह	



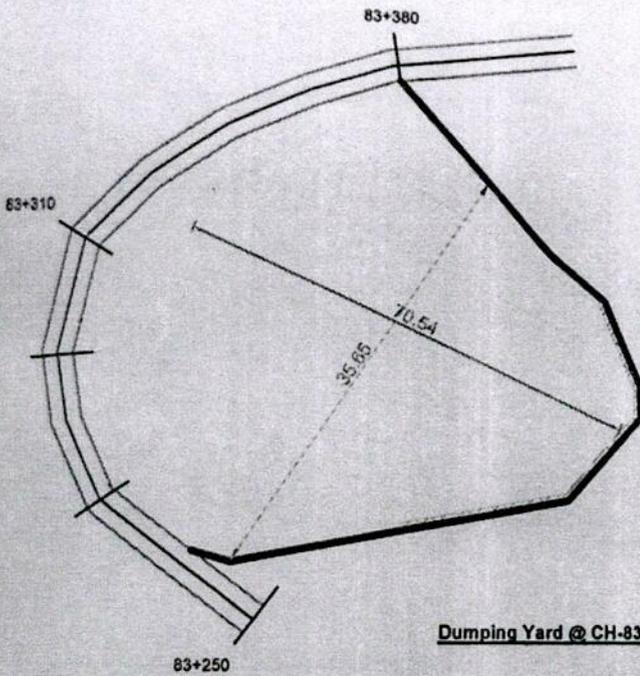
हिमाचल प्रदेश HIMACHAL PRADESH

C 142425

प्रमाणित किया जाता है की ग्राम पंचायत धारवा में NH 707 का कार्य शुरु हुवा है जो की D.C.C.PVT.LTD द्वारा किया जा रहा है। इस कम्पनी को मलवा गिराने के लिए डम्पिंग करने के लिए ग्राम वासियों ने (अवास धाटा) नजदीक जामली के पास जगह देने का निर्णय लिया है। यदि कल लिए कोई व्यक्ति एस जगह देने के लिए एतराज करेगा तो इसके लिए हम ग्राम वासी स्वम् जिम्मेवार होंगे। कम्पनी द्वारा इसके बदले धारवा मन्दिर के लिए 251000/- (दो लाख एकावन हजार) धन राशी दिए गये हैं।

नाम	हस्ताक्षर
1. सन्तराज	
2. नेतर सिंह	नेतर सिंह
3. राजेन्द्र सिंह	राजेन्द्र सिंह
4. मफिल	
5. बलवीर सिंह	बलवीर सिंह
6. चक्रेल सिंह	
7. अंकित	Ankit
8. राम सिंह	राम सिंह
9. रामशरण	
10. गंगा राव	

Construction of Rehabilitation & Upgradation to Intermediate Lane Configuration of Shri Kyari - Gumma Section (km 75.000 to km 94.900) of NH-707 in the state of Himachal Pradesh under Green National Highway Corridor Project (GNHCP) with the loan assistance of World Bank



Gabion wall
Avg Area - 3199 Sqm
Avg Height - 70 M





Ref: LNM/MoRTH-PIU/PKG-IV/2020-21/210 (A)

Date: 10.07.2021

To,

The Project Manager
M/s PRL-DCC (JV) Pvt. Ltd. (PKG-IV)
Meenus, Himachal Pradesh.

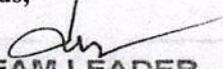
Sub.: "Rehabilitation/Upgradation to intermediate lane configuration of Shri Kyari - Gumma Section (km 75.000 to km 94.900) of NH-707 (Package IV) in the State of Himachal Pradesh under Green National Highways Corridor Project (GNHCP) with the loan assistance of World Bank on EPC mode."
Reg. Approval of Dumping Sites.

Ref. PRL-DCC(JV)/HP/066 Dated 06.07.2021

Dear Sir,

With reference to above cited subject vide which you have submitted the dumping site location at chainage **84+420** for approval. The same has been reviewed by authority engineer and found in order. Further contractor is instructed to ensure protection as per drawing and layer wise compaction during muck disposal.

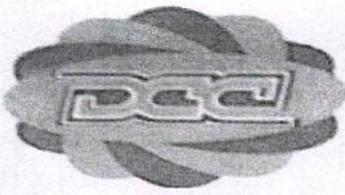
Regards,


TEAM LEADER
L.N.M. Infra Projects

Authorized Signatory,
Paonta Sahib,
M/s L.N. Malviya Infra Projects Pvt. Ltd.

Copy to: -

1. **The Project Director**, MoRTH-PIU, Paonta Sahib.
2. **The C.M.D.**, M/s L.N. Malviya Infra Projects Pvt. Ltd.
3. **The Project Coordinator**, M/s L.N. Malviya Infra Projects Pvt. Ltd.
4. **The Resident Engineer-2**, Shillai-M/s L.N. Malviya Infra Projects Pvt. Ltd.



3360 PRL-DCC (JV)

Ref. No: PRL-DCC (JV) HP/-066

Date: - 06.07.2021

To,

The Team Leader
LN Malviya Infra Project Pvt. Ltd.
H. No. 122/2, B Block,
Adarsh Colony, Ward
No. 3, Badripur Poanta
Sahib, Sirmour,
Himachal Pradesh -
173025

Subject: Rehabilitation & Upgradation to Intermediate Lane Configuration of Shri Kyari - Gumma Section (Km. 75.000 to Km. 94.900) of NH - 707 in the state of Himachal Pradesh under Green National Highway Corridor Project (GNHCP) with loan assistance of World Bank on EPC Mode. - **Development of degraded forest area in Jamli Village.**

Dear Sir,

We would like to inform you that we have been awarded the contract for development of NH-707 from Shri Kyari - Gumma.

As a part of our company CSR initiatives, we want to develop a degraded forest land in Jamli Village. A request for development the same degraded forest area has also been received from local panchayat.

Please grant us permission to develop this land so that we can complete the activity before monsoon period.

Thanking you and assuring you for best services at all times.

Thanking You
Yours Sincerely
PRL-DCC (JV)
Pantap Singh
Authorized Signatory
Authorized Signatory
PRL-DCC(JV)

Cc: The Resident Engineer, M/s LN Malviya Infra Project Pvt. Ltd.
The Project Director, PIU Paonta Sahib, MoRTH.

Resistered office :Plot no.DSB-17,Sector panchayat pocket bhiwani-127021 (Haryana)
Corporate office :A-119,Block,Shushant Lok,Phase-I,Gurugram-122002 (Haryana)
Ph.No.01664-250848,Email ID : dwt.const@gmail.com

Dated Sri Renuka ji the 08/7/2021

To: PRL-DCC (JV) M/s Dhatarwal Construction
Company Pvt. Ltd. Corporate office : A-119, A Block,
Sushant Lok, Phase -1, Gurugram-122002 (Haryana)

Subject: Voluntary site -stabilization work at cutting or slide prone sites in Jamli
village Forest Division Regarding.

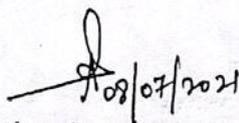
Sir, Please refer to your office letter No. PRL-DCC (JV)HP/-066 dated 06.07. 2021
on the subject cited above.

In this regard, intimated that as reported through joint inspection of Range
Forest officer, Shillai as well as representative of your company following sites has been
selected, which has given as under:-

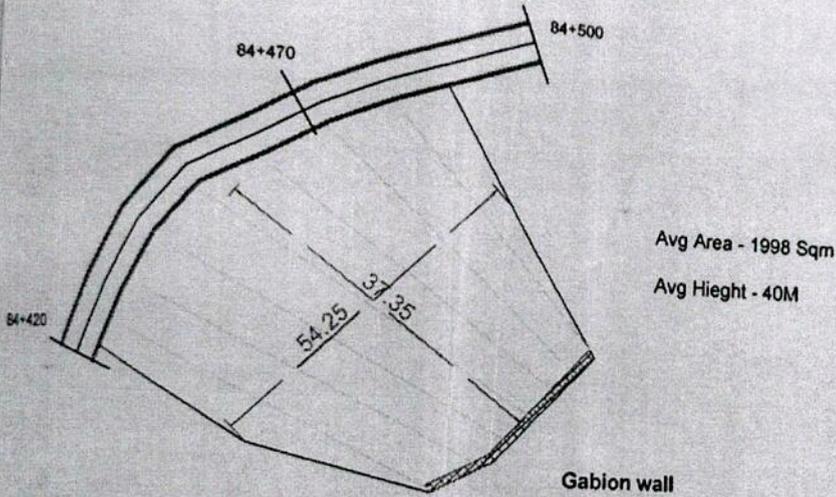
Sr. No	Name of block/ Beat	Name of Forest	(GPS) Coordinates	Proposed treatment of the site .
1.	Rohnat/ Jhakando Beat	RF Jhakando C-3	N-30°44'45.77" E-77°41'52"	1. Protection work for slope stabilisation towards uphill side as well as down side. 2. Gabin Walls of leanth approx. 60 mtr. 3. Filling of area with soil.

It is also informed that the following condition must be kept in view while
taking up above work.

- Above will be done voluntarily by you for the purpose of forest conservation.
- No. Ownership of possession of your company and other agency will be considered during and after completion of work.
- The site and work will be subject to jurisdiction of this Forest Division as well as Indian Forest Act as well as Forest Conservation Act.
- Any violation of conditions will be viewed seriously and action will be taken as per rules against the defaulter.


08/07/2021
Divisional Forest Officer,
Renuka Ji Forest Division,

Construction of Rehabilitation & Upgradation to Intermediate Lane Configuration of Shri Kyari - Gumma Section (km.75.000 to km.94.900) of NH-707 in the state of Himachal Pradesh under Green National Highway Corridor Project (GNHCP) with the loan assistance of World Bank.



Dumping Yard @ CH-84+420 to 84+500





Ref: LNM/MoRTH-PIU/PKG-IV/2020-21/878 (A)

Date: 15.02.2022

To,

The Project Manager
M/s PRL-DCC (JV) Pvt. Ltd. (PKG-IV)
Meenus, Himachal Pradesh.

Sub.: "Rehabilitation/Upgradation to intermediate lane configuration of Shri Kyari - Gumma Section (km 75.000 to km 94.900) of NH-707 (Package IV) in the State of Himachal Pradesh under Green National Highways Corridor Project (GNHCP) with the loan assistance of World Bank on EPC mode."

Reg. Approval of Dumping Sites.

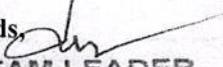
Ref. PRL-DCC(JV)/HP/94(A) Dated 11.02.2022

Dear Sir,

With reference to above cited subject vide which you have submitted the dumping site location at chainage **89+750 & 90+070** for approval. The same has been reviewed by authority engineer and found in order.

Further contractor is instructed to ensure protection as per drawing and layer wise compaction during muck disposal.

Regards,

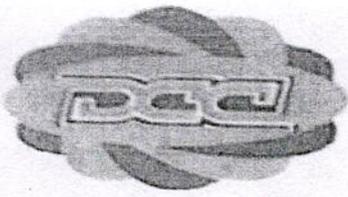

TEAM LEADER
L.N.M. Infra Projects
Pvt. Ltd. (NH-707),
Paonta Sahib

Authorized Signatory

M/s L.N. Malviya Infra Projects Pvt. Ltd.

Copy to: -

1. **The Project Director**, MoRTH-PIU, Paonta Sahib.
2. **The C.M.D**, M/s L.N. Malviya Infra Projects Pvt. Ltd.
3. **The Project Coordinator**, M/s L.N. Malviya Infra Projects Pvt. Ltd.
4. **The Resident Engineer-2**, Shillai-M/s L.N. Malviya Infra Projects Pvt. Ltd.



3364 PRL-DCC (JV)

Ref. No: PRL-DCC (JV) HP/-94(A)

Date: - 11.02.2022

To,

The Team Leader
LN Malviya Infra Project Pvt. Ltd.
H. No. 122/2, B Block,
Adarsh Colony, Ward
No. 3, Badripur Poanta
Sahib, Sirmour,
Himachal Pradesh -
173025

Subject: Rehabilitation & Upgradation to Intermediate Lane Configuration of Shri Kyari - Gumma Section (Km. 75.000 to Km. 94.900) of NH - 707 in the state of Himachal Pradesh under Green National Highway Corridor Project (GNHCP) with loan assistance of World Bank on EPC Mode. - **Regarding Dumping Site Approval.**

Dear Sir,

With reference to above subject cited, we have required approval of dumping site at Chainage-**89+750 & 90+070.**

Thanking you and assuring you for best services at all times.

Thanking You
Yours Sincerely

PRL-DCC (JV)

Pardeep Singh
Authorized Signatory

Authorized Signatory
PRL-DCC(JV)

Cc: The Resident Engineer, M/s LN Malviya Infra Project Pvt. Ltd.
The Project Director, PIU Paonta Sahib, MoRTH.

Resistered office :Plot no.DSB-17,Sector panchayat pocket bhiwani-127021 (Haryana)

Corporate office :A-119,Block,Shushant Lok,Phase-I,Gurugram-122002 (Haryana)

Ph.No.01664-250848,Email ID : dwt.const@gmail.com



हिमाचल प्रदेश HIMACHAL PRADESH

D 134201

हम एक निवासी हार्डिन मौजा डबिल अम तहसील येनघट जिला सिरमौर
 हि.प्र. पति बुडके में शामिल हो देह हस्त रसद लेख में हिस्सादार व
 मालिक हैं क्योंकि शामिल हो देह में तकसिम न होने के कारण शामिल
 में हमारे जुमला हकुक हैं अरजी खसरा नं. 1332/1145 तथा 1146/2
 से राष्ट्रीय उच्च मार्ग 707 गुजर रहा है यदि अजबाल कंस्ट्रक्शन कंपनी
 (DCC) सड़क निर्माण के भलवे को अरजी खसरा नं. 1332/1145 व 1146/2
 में भलवा उभय करती है तो हमें कोई एतराज नहीं है मलका जलन की स्वज में
 उपरिक्त कंपनी हमें मूल्य 1,00,000/- एक लाख रु. मन्दिर निर्माण (अजोहर)
 देव दे रही है जिसे हम सभी लोग सहमत हैं किनाकीसी प्लान के हम
 यह ध्यान कर रहे हैं ताकी कोई भी अरती तत्व सड़क निर्माण में कोई
 बाधा न डाले, यदि हमारे जुमला पानात है जिसे पद व समझ कर
 हमने अपने हस्ताक्षर किये हैं उपरिक्त काम से खेल मैदान बनाने पर
 सहमति हुई है

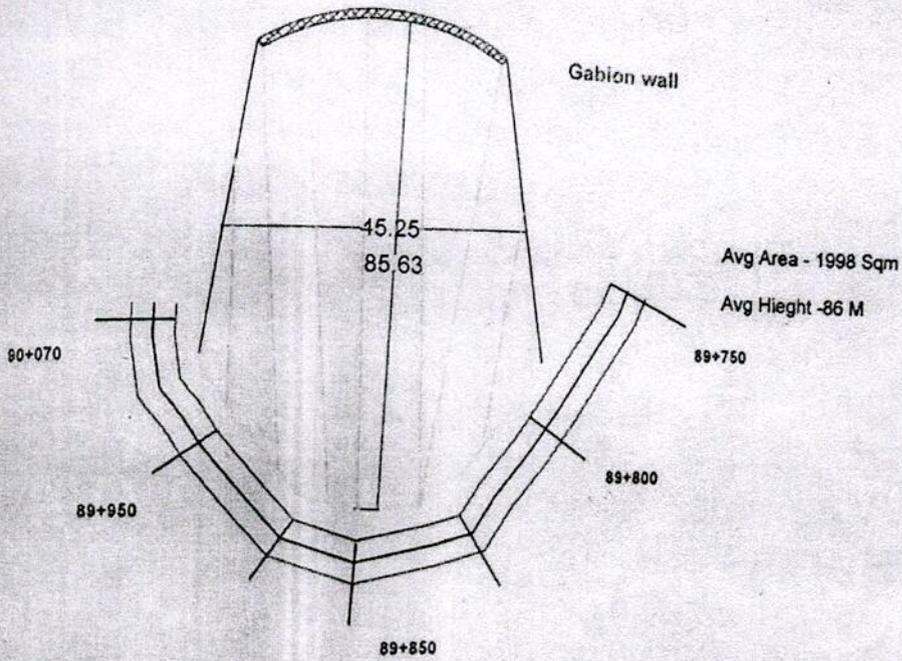
गवाह
 (1) PRAKASH RAM
 (2) PRADHAN RAM
 (3) PRADHAN RAM
 (4) PRADHAN RAM
 (5) PRADHAN RAM



हस्ताक्षर ध्यान कर्ता
 1. J... 981620116
 2. Chomel Singh 787645519
 3. Dharm Singh 787669319
 4. K... 7018708097
 5. Ganga Ram 7876854855

हस्ताक्षर
 (2) VILL TANJI P.O. JHAKNOO
 SB TEL. ROHAT DIST. SIRMAUR
 H.P. 19/10/2021

Construction of Rehabilitation & Upgradation to Intermediate Lane Configuration of Shri Kyari - Gumma Section (km. 75.000 to km. 94.900) of NH-707 in the state of Himachal Pradesh under Green National Highway Corridor Project (GNHCP) with the loan assistance of World Bank.



Dumping Yard @ CH-89+750 to 90+070





Ref: LNM/MoRTH-PIU/PKG-IV/2020-21/878(A)

Date: 15.02.2022

To,

The Project Manager
M/s PRL-DCC (JV) Pvt. Ltd. (PKG-IV)
Meenus, Himachal Pradesh.

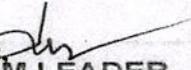
Sub.: "Rehabilitation/Upgradation to intermediate lane configuration of Shri Kyari - Gumma Section (km 75.000 to km 94.900) of NH-707 (Package IV) in the State of Himachal Pradesh under Green National Highways Corridor Project (GNHCP) with the loan assistance of World Bank on EPC mode."
Reg. Approval of Dumping Sites.

Ref. PRL-DCC(JV)/HP/94(A) Dated 11.02.2022

Dear Sir,

With reference to above cited subject vide which you have submitted the dumping site location at chainage 89+750 & 90+070 for approval. The same has been reviewed by authority engineer and found in order.

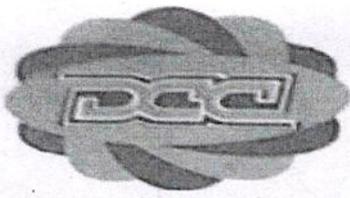
Further contractor is instructed to ensure protection as per drawing and layer wise compaction during muck disposal.

Regards,

TEAM LEADER
L.N.M. Infra Projects
Pvt. Ltd. (NH-707),
Paonta Sahib

Authorized Signatory
M/s L.N. Malviya Infra Projects Pvt. Ltd.

Copy to: -

1. **The Project Director**, MoRTH-PIU, Paonta Sahib.
2. **The C.M.D**, M/s L.N. Malviya Infra Projects Pvt. Ltd.
3. **The Project Coordinator**, M/s L.N. Malviya Infra Projects Pvt. Ltd.
4. **The Resident Engineer-2**, Shillai-M/s L.N. Malviya Infra Projects Pvt. Ltd.



3368
PRL-DCC (JV)

Ref. No: PRL-DCC (JV) HP/-94(A)

Date: - 11.02.2022

To,

The Team Leader
LN Malviya Infra Project Pvt. Ltd.
H. No. 122/2, B Block,
Adarsh Colony, Ward
No. 3, Badripur Poanta
Sahib, Sirmour,
Himachal Pradesh -
173025

Subject: Rehabilitation & Upgradation to Intermediate Lane Configuration of Shri Kyari - Gumma Section (Km. 75.000 to Km. 94.900) of NH - 707 in the state of Himachal Pradesh under Green National Highway Corridor Project (GNHCP) with loan assistance of World Bank on EPC Mode. -**Regarding Dumping Site Approval.**

Dear Sir,

With reference to above subject cited, we have required approval of dumping site at Chainage-**89+750 & 90+070.**

Thanking you and assuring you for best services at all times.

Thanking You

Yours Sincerely

PRL-DCC (JV)

Pantap Singh
Authorized Signatory

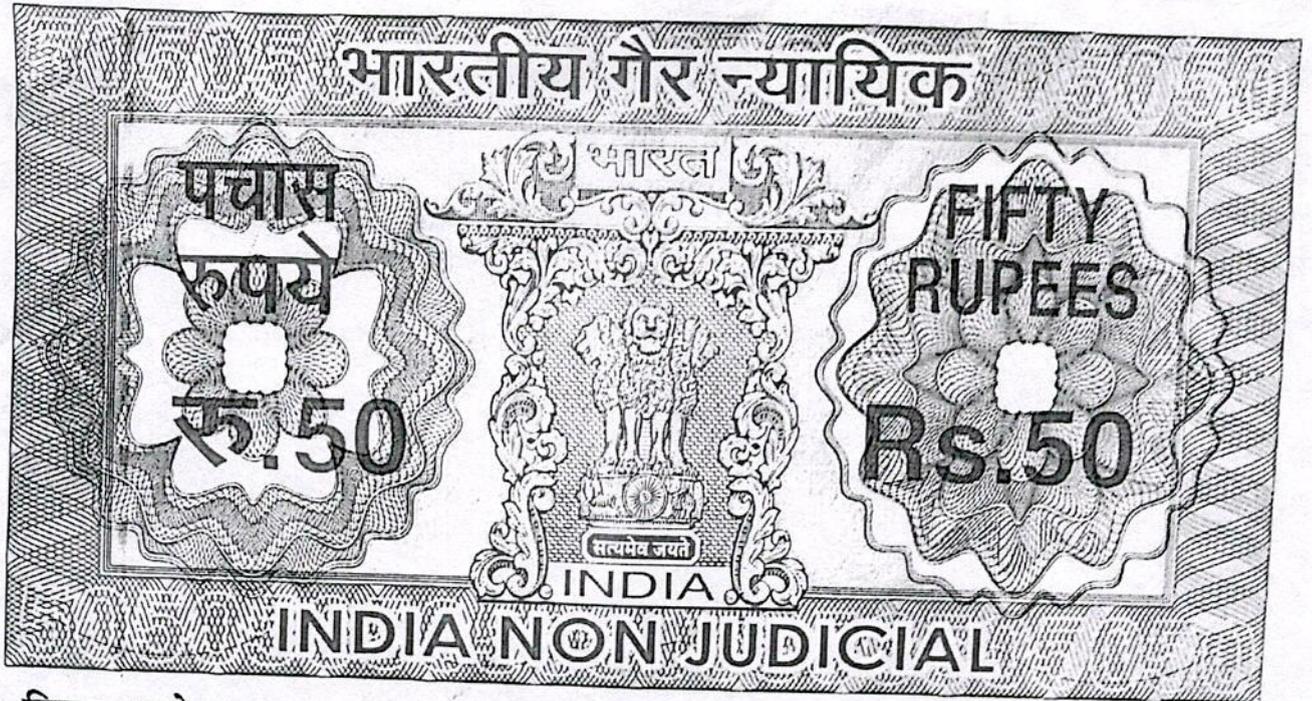
Authorized Signatory
PRL-DCC(JV)

Cc: The Resident Engineer, M/s LN Malviya Infra Project Pvt. Ltd.
The Project Director, PIU Paonta Sahib, MoRTH.

Resistered office :Plot no.DSB-17, Sector panchayat pocket bhiwani-127021 (Haryana)

Corporate office :A-119,Block,Shushant Lok,Phase-I,Gurugram-122002 (Haryana)

Ph.No.01664-250848,Email ID : dwt.const@gmail.com



हिमाचल प्रदेश HIMACHAL PRADESH

C 999937

आज दिनांक २२-०७-२०२१ को प्रधान ग्राम पंचायत बागन श्री अजैन्द सिंह के समक्ष यह निर्णय हुआ कि NH १०४ गुम्मा की रोड़ का जो काम चला है उस में डंपिंग के लिए जमीन श्री सुरत सिंह सिंसाईक देंगे जिन की किमत M.H. वाले १ लाख २० हजार रूपये देंगे और साथ में डंपिंग जमीन में पानी की निकासी के लिए पाईप और क्रेटवागर भी लगवा कर देंगे। आज के बाद अगर सुरत सिंह द्वारा डंपिंग के लिए वी गड जमीन पर कोई विवाद खड़ा करता है तो उस के लिए स्वयं दायर खर्च जिम्मेवार रहेंगे।

जमीन देने वाले का नाम - सुरत सिंह

गवाह

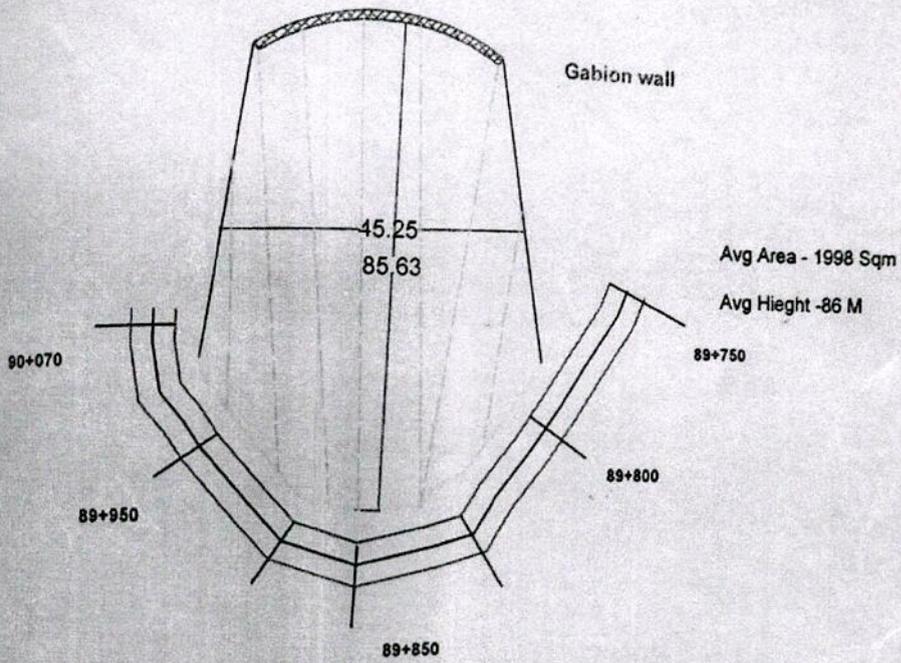
प्रधान ग्राम पंचायत

M.H. के works दीपक शर्मा
जिन के साथ समझौता हुआ
के हस्ताक्षर. Deepak



Acc. No - 37794709654
IFSC code - SBIN0016786

Construction of Rehabilitation & Upgradation to Intermediate Lane Configuration of Shri Kyari - Gumma Section (km.75.000 to km.94.900) of NH-707 in the state of Himachal Pradesh under Green National Highway Corridor Project (GNHCP) with the loan assistance of World Bank .



Dumping Yard @ CH-89+750 to 90+070



3371



L.N. MALVIYA INFRA PROJECTS PVT. LTD.

Office: H.No. 122/2, B Block, Adarsh Colony, Ward No.3, Badripur, Paonta Sahib
Email: lnmpsnh707@gmail.com

CIN No. U45201DL2010PTC373715

Ref: LNM/MoRTH-PIU/PKG-IV/2020-21/382(A)

Date: 26.09.2021

To,

The Project Manager

M/s PRL-DCC (JV) Pvt. Ltd. (PKG-IV)
Meenus, Himachal Pradesh.

Sub.: "Rehabilitation/Upgradation to intermediate lane configuration of Shri Kyari - Gumma Section (km 75.000 to km 94.900) of NH-707 (Package IV) in the State of Himachal Pradesh under Green National Highways Corridor Project (GNHCP) with the loan assistance of World Bank on EPC mode."
Reg. Approval of Dumping Sites.

Ref. PRL-DCC(JV)/HP/0136 Dated 23.09.2021

Dear Sir,

With reference to above cited subject vide which you have submitted the dumping site location at chainage **78+220 & 90+670** for approval. The same has been reviewed by authority engineer and found in order.

Further contractor is instructed to ensure protection as per drawing and layer wise compaction during muck disposal.

Regards,

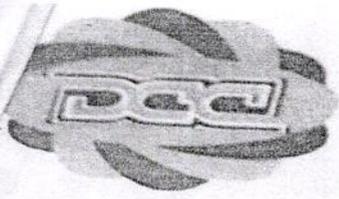
TEAM LEADER
L.N.M. Infra Projects
Pvt. Ltd. (NH-707),
Paonta Sahib

Authorized Signatory

M/s L.N. Malviya Infra Projects Pvt. Ltd.

Copy to: -

1. **The Project Director**, MoRTH-PIU, Paonta Sahib.
2. **The C.M.D**, M/s L.N. Malviya Infra Projects Pvt. Ltd.
3. **The Project Coordinator**, M/s L.N. Malviya Infra Projects Pvt. Ltd.
4. **The Resident Engineer-2**, Shillai-M/s L.N. Malviya Infra Projects Pvt. Ltd.



3372

PRL-DCC (JV)

Ref. No: PRL-DCC (JV)/HP/0136

Date: -23.09.2021

To,

The Team Leader
LN Malviya Infra Project Pvt. Ltd.
H. No. 122/2, B Block,
Adarsh Colony, Ward
No. 3, Badripur Poanta
Sahib, Sirmour,
Himachal Pradesh -
173025

Subject: Rehabilitation & Upgradation to Intermediate Lane Configuration of Shri Kyari - Gumma Section (Km. 75.000 to Km. 94.900) of NH - 707 in the state of Himachal Pradesh under Green National Highway Corridor Project (GNHCP) with loan assistance of World Bank on EPC Mode. -**Regarding Dumping Site Approval.**

Dear Sir,

With reference to above subject cited, we have required approval of Dumping site at Chainage -78+220 & 90+670.

Thanking you and assuring you for best services at all times.

Thanking You
Yours Sincerely

PRL-DCC (JV)

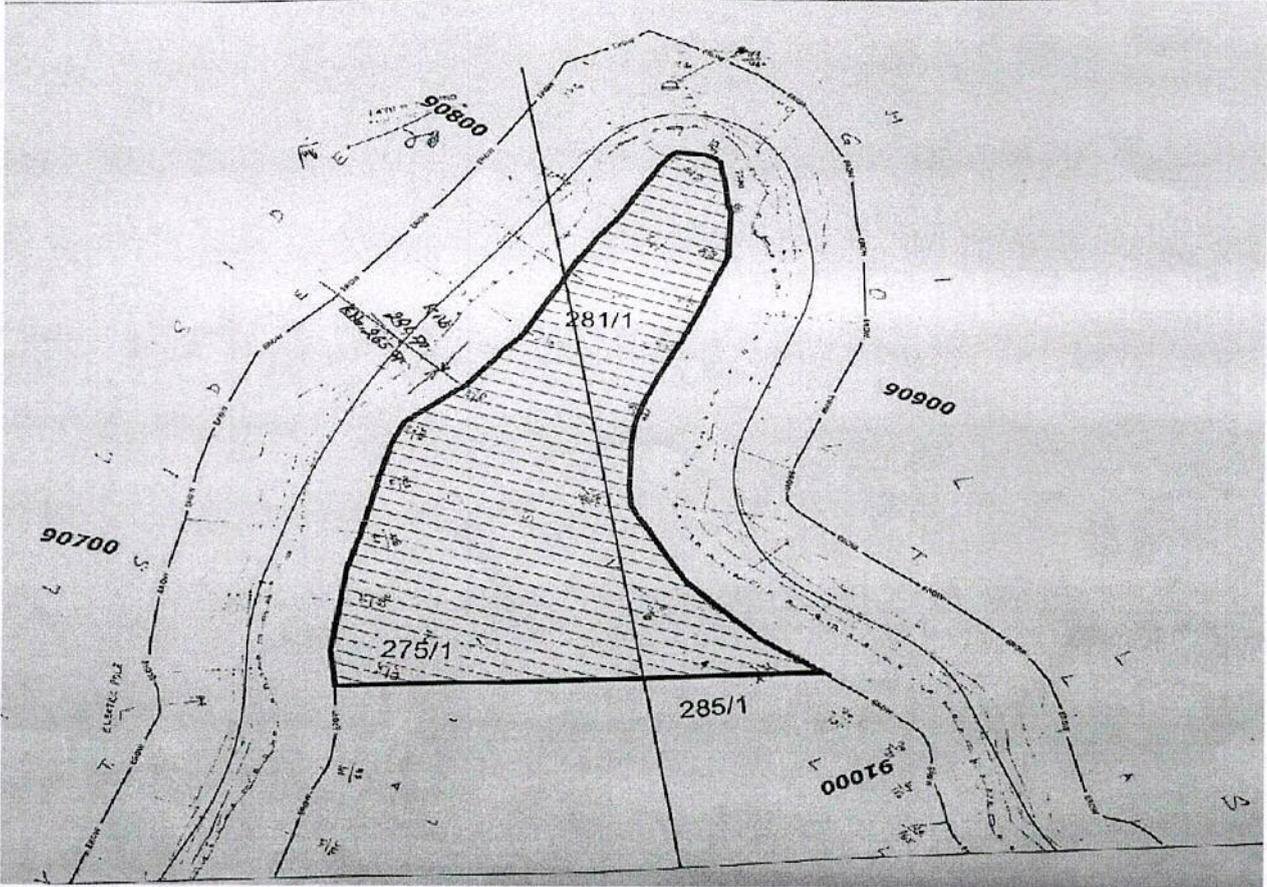
Pardeep Singh
Authorized Signatory

Authorized Signatory
PRL-DCC(JV)

Cc: The Resident Engineer, M/s LN Malviya Infra Project Pvt. Ltd.
The Project Director, PIU Paonta Sahib, MoRTH.

Resistered office :Plot no.DSB-17, Sector panchayat pocket bhiwani-127021 (Haryana)
Corporate office :A-119,Block,Shushant Lok,Phase-I,Gurugram-122002 (Haryana)
Ph.No.01664-250848,Email ID : dwt.const@gmail.com

Rehabilitation/Upgradation to intermediate lane configuration of Shri Kyari - Gumma Section (km 75.000 to km 94.900) of NH-707 (Package IV) in the State of Himachal Pradesh under Green National Highways Corridor Project (GNHCP) with the loan assistance of World Bank on EPC mode



Avg Area -4601.0 Sqm
Avg Height- 9.49 m

Dumping Yard @ CH-90+670





Ref: LNM/MoRTH-PIU/PKG-IV/2020-21/1232(A)

Date: 18.04.2022

To,

The Project Manager

M/s PRL-DCC (JV) Pvt. Ltd. (PKG-IV)
Meenus, Himachal Pradesh.

Sub.: "Rehabilitation/Upgradation to intermediate lane configuration of Shri Kyari - Gumma Section (km 75.000 to km 94.900) of NH-707 (Package IV) in the State of Himachal Pradesh under Green National Highways Corridor Project (GNHCP) with the loan assistance of World Bank on EPC mode."

Reg. Approval of Dumping Sites

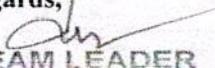
Ref. PRL-DCC(JV)/HP/99(A) Dated 17.04.2022

Dear Sir,

With reference to above cited subject vide which you have submitted the dumping site location at chainage **93+710** for approval. The same has been reviewed by authority engineer and found in order.

Further contractor is instructed to ensure protection as per drawing and layer wise compaction during muck disposal.

Regards,

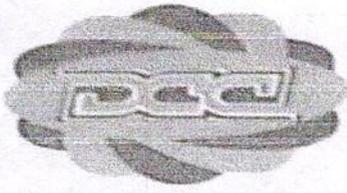

TEAM LEADER
L.N.M. Infra Projects
Pvt. Ltd. (NH-707),
Paonta Sahib

Authorized Signatory

M/s L.N. Malviya Infra Projects Pvt. Ltd.

Copy to: -

1. **The Project Director, MoRTH-PIU, Paonta Sahib.**
2. **The C.M.D, M/s L.N. Malviya Infra Projects Pvt. Ltd.**
3. **The Project Coordinator, M/s L.N. Malviya Infra Projects Pvt. Ltd.**
4. **The Resident Engineer-2, Shillai-M/s L.N. Malviya Infra Projects Pvt. Ltd.**



3375

PRL-DCC (JV)

Ref. No: PRL-DCC (JV)/HP/99(A)

Date: -17.04.2022

To,

The Team Leader
LN Malviya Infra Project Pvt. Ltd.
H. No. 122/2, B Block,
Adarsh Colony, Ward
No. 3, Badripur Poanta
Sahib, Sirmour,
Himachal Pradesh -
173025

Subject: Rehabilitation & Upgradation to Intermediate Lane Configuration of Shri Kyari - Gumma Section (Km. 75.000 to Km. 94.900) of NH - 707 in the state of Himachal Pradesh under Green National Highway Corridor Project (GNHCP) with loan assistance of World Bank on EPC Mode. -**Regarding Dumping Site Approval.**

Dear Sir,

With reference to above subject cited, we have required approval of Dumping site at Chainage -93+710.

Thanking you and assuring you for best services at all times.

Thanking You

Yours Sincerely

PRL-DCC (JV)

Pardeep Singh

Authorized Signatory

PRL-DCC(JV)

Cc: The Resident Engineer, M/s LN Malviya Infra Project Pvt. Ltd.
The Project Director, PIU Paonta Sahib, MoRTH.

Resistered office :Plot no.DSB-17, Sector panchayat pocket bhiwani-127021 (Haryana)

Corporate office :A-119,Block,Shushant Lok,Phase-I,Gurugram-122002 (Haryana)

Ph.No.01664-250848,Email ID : dwt.const@gmail.com



हिमाचल प्रदेश HIMACHAL PRADESH

C 142893

प्रमाणित किया जाता है कि ग्राम पंचायत शिरी-क्यारी में NH-707 का कार्य शुरू हुआ है जोकि D.C.C.PVT.Ltd द्वारा किया जा रहा है। इस कम्पनी को मलवा गिराने के लिये व डम्पिंग करने के लिये हमने अतर सिंह, कैदार सिंह, सोभा राम व मोहर सिंह ने सावडा खाला/नजदीक क्यारी पुल के पास जगह देने का निर्णय लिया है। जिसका खसरा नं० 1473, 1474 है। यदि कल के लिये कोई व्यक्ति इस जगह देने के लिये एतराज करेगा तो इसके लिये हम स्वयं जुम्मेवार होंगे। कम्पनी ने, इस के बदले हमें 300000/- तीन लाख रुपये दिये गये है।

नाम
अतर सिंह पुत्र हिरा सिंह
सोभा राम पुत्र नैन सिंह
कैदार सिंह पुत्र तुलिया
मोहर सिंह पुत्र भुपिया

हस्ता
सोवारा
कैदार सिंह
मोहर सिंह
पंचायत शिरी-क्यारी

Certified that this affidavit has been made by
Shri. अतर सिंह
Oath. 06-10-2021
Who has been Self

Know to me The Contents of the affidavit cover and explains to the deponent who admits to understand. Hence Attested
Adhaar no - 658476732155

Attested
Anil K. [Signature]
Advocate & Oath Commissioner
Shillal HP Him/50/2014 - 2021

हस्ताक्षर Uma
दिनांक
7018192226
98057156



हिमाचल प्रदेश HIMACHAL PRADESH

D 124002

प्रमाणित किया जाता है कि ग्राम पंचायत शिरी क्यारी में NH - 707 का कार्य शुरू हुआ है जो कि D.C.C.PVT.Ltd द्वारा किया जा रहा है इस कम्पनी को मलवा गिराने के लिए व डम्पिंग करने के लिए ठेके श्री बहादुर सिंह पुत्र श्री अछू व श्री बलबीर सिंह पुत्र श्री प्रेम सिंह ग्राम शिरी क्यारी तहसील शिलाई जिला सिरमौर वाले ने सावडा खाला के पास जगह देने का निर्णय लिया है जिसका खसरा न0 1473 व 1474 है। यदि कल के लिए कोई व्यक्ति इस जगह देने के लिए एतराज करेगा तो इसके लिए हम स्वयं जुम्मेवार होंगे। कम्पनी इसके बदले हमें 2,00,000/- रुपये व लिक रोड जो ग्राम खनार के जा रहा है उसकी कटौत करवा के देगी व कच्चा रोड बना के देगी।

नाम

श्री बहादुर सिंह पुत्र श्री अछू
श्री बलबीर सिंह पुत्र श्री प्रेम सिंह

हस्ता
(Signature)



Certified that this affidavit has been made by

Sri. *Bahadur Singh*

Oath *18-10-2014*

YMC *Self*

personally

affidavit

deponent who

admits to understand. Hence Attested

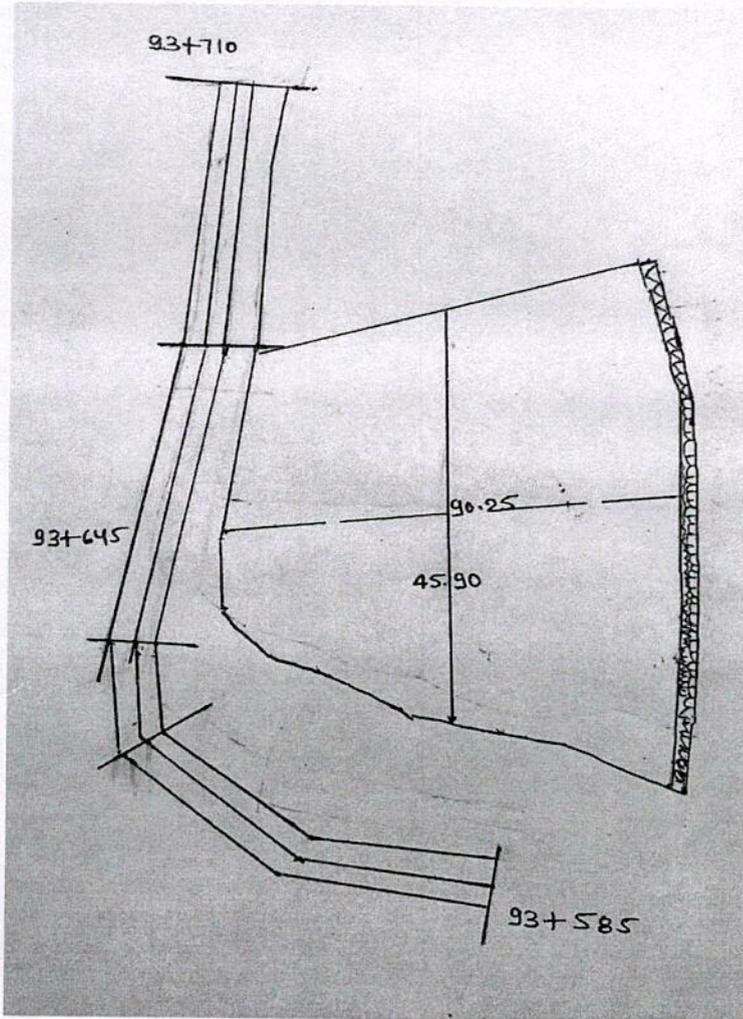
Attested No -

Attested
Anil K. Negu
Advocate & Oath Commissioner
Shilaidi HP Him/50/2014

हस्ताक्षर
दिनांक

(Signature)
जवाह
2015713555

Rehabilitation/Upgradation to intermediate lane configuration of Shri Kyari - Gumma Section (km 75.000 to km 94.900) of NH-707 (Package IV) in the State of Himachal Pradesh under Green National Highways Corridor Project (GNHCP) with the loan assistance of World Bank on EPC mode



Avg Area -1718.0 Sqm
Avg Height- 46 m

Gabion Wall

Dumping Yard @ CH-93+710



Handover Memorandum in accordance with Clause 8.2.1 of the EPC Contract Agreement signed on 25.03.2022 in respect of the work *“Rehabilitation and Upgradation to Intermediate Lane configuration of Gumma - Fediz section (km 94.900 to km 103.550) of NH-707 in the State of Himachal Pradesh under Green National Highways Corridor Project (GNHCP) with the loan assistance of World Bank on EPC mode”* (RFB Reference no.: GNHCP_HP_NH-707_17-2)

1. The chainage-wise status of land availability in respect of Gumma-Fediz section (km 94.900 to km 103.550) of NH-707 is indicated below:

Sr. no.	Design Chainage (m)		Length (m)	Status of Land	Remarks/ Width available (m)	Whether construction Zone available
	From	To				
1	94900	103550	8650	NH land	22	Yes
			8650		Total	

Muck Management Plan

Package-5



PROJECT:- Rehabilitation and up-gradation to 2-lane/2-lane with paved shoulder/4-lane configuration of Gumma-Fediz Section (km. 94.900 to km. 103.550) of NH-707 in the state of Himachal Pradesh under Green National Highways Corridor Project (GNHCP) with loan assistance of World Bank on EPC Mode -Package 5.

INTRODUCTION: -

Horizontal and vertical profile of the existing road is deficient in many aspects at numerous places. Horizontal curves and gradient needs to be improved. Deficiency in other geometric features such as cross slope, super elevation etc. has to be taken care of while designing or widening of existing road. In hills, availability of space is a big constraint. The existing road is single lane, therefore hill cutting and construction of retaining wall is to be done in such a way that the 3.5 m width of road is always available for the movement of traffic. Some of the existing deficient curves cannot be improved to 30 m radius due to compelling site constraints. At these locations height of hill cutting is enormous which restrain improvement of curves to 30 m radius. These curves shall be improved for maximum possible radius. For construction of different components of the project, hill excavation is involved. The excavation shall result in generation of muck which have to be disposed of to such designated areas where the muck does not substantially interfere with either environment / ecology or the river flow regime and do not cause turbidity impairing the quality of water. The disposal of muck has to be scientifically planned keeping in view the economic aspects necessitating nearness to the muck generating component of work, which understandably reduce the travel time of dumpers.

In the project, the total estimated bulk quantity of the muck generated will be 3 lakhs cum (including over break and swell factor) out of which tentatively 1.3 lakhs cum quantity will be used in various components of project work and the remaining bulk quantity of muck will be properly stacked. The toes of the disposal location will be retained and protected by providing suitably designed gabion walls.

Based on the excavation quantities, a muck management plan has been formulated to manage the disposal of muck and restore such areas from further degradation of the environment.

Geology

Geologically, the rock formations occupying the districts range in age from the Pre-Cambrian to the Quaternary period. The generalized geological succession in the district is given in table 1.

Table 1 Generalized geological succession of Sirmaur and Shimla districts of Himachal Pradesh

Era	Period	Formation	Lithology
Quaternary	Recent to Pleistocene	Alluvium /valley fills/ Older alluvium	Sand with pebbles and clay & multiple cyclic sequences of medium to coarse-grained sand with pebbles of sandstone and lenses of clay
Tertiary	Pliocene – M-Miocene	Siwalik Group	Sandstone, shale, conglomerate, mudstone, clay, gravel & boulder beds
Pre-Tertiary Group	L-Miocene – Oligo-Eocen	Kasauli/Dags hai/ Subathu	Grey, purple sandstone, Shale, nodular clay, Shale, Limestone, etc.
	Pre Carboniferous	Karol/ InfraKarol, Blainis boulder beds	Limestone, shale, red shale Carbonaceous shale, slate, greywacke, dolomitic limestone.



Sirub
 Environmental cum Water Conservation Expert
 L.N.M. Infra Projects Pvt. Ltd.
 NH-707, Paonta Sahib-HP
 164

	Devonian	Jaunsar series	Slates schist phyllite
	Pre-Cambrian	Chail series	Slates called Shimla slates
	Achaean	Jutogh series	Quartzites, schist and limestone

Package 5 of the NH 707 of about 8.650 km consists of lower Himalaya formations. These formations contain the Shali group of formations. The lithological sequence of the area is given in table 5. Tiuni formations consist of massive quartzite, shale, slate and basic intrusives.

Table 1 : Lithology of package 5 of NH 707

Group	Formation	Lithology
Shali Group	Tiuni formation (Atul Quartzite)	Massive quartzite shale, slate, and Basic Intrusives

Action plan and roles/ responsibilities:

Further, as per provisions of the signed EPC Contract Agreement some disposal sites have been acquired and handed over by the Authority. Tentative capacity of these dumping sites is 3.5 lakhs cum. However, if additional quantity is required to be disposed, disposal sites shall be identified/ arranged by the Contractor after obtaining permission from concerned land owner (s) for disposal of hill cut materials on private land in accordance with signed EPC Contract Agreement.

Stabilisation measures

Engineering measures

After excavation, disposal of muck creates problem as it is susceptible to scattering unless muck disposal sites are supported with suitable retaining structures like gabion wall. In the project, half the section lies in plain terrain and Contractor may start the work in plain section till identification of dumping sites which are required to be obtained by the Contractor as per signed EPC Contract Agreement. Accordingly, contractor shall identify locations for dumping the excess muck generated during construction.

Slope protection measures

Slope protection measures require special efforts as the muck disposed in disposal sites will in general be devoid of nutrients and soil contents to support vegetation. The vegetation will be generated through hydroseeding, bamboo plantation, grass striping etc. To control the erosion of the muck geocell and jute/coir mat will be used in the dumping sites.

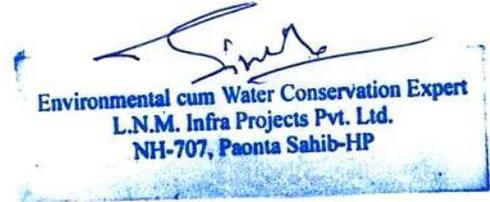
In view of the peculiar site conditions, particularly soil conditions, the planting technique for all categories of plants has to be very site specific and suited to stress conditions as anticipated and discussed above. The plantation areas will need to be considerably improved to support the plants in their initial stages of establishment. Moisture retention capability, availability of nutrients and soil aeration, permeability and porosity will require intervention and assistance.

The slope protection works measures shall be taken up towards the end of construction after completion of the desired capacity of the dumping site. The plantations will be maintained for a period of 5 years by irrigating the plantation during dry seasons.



Singh
 Environmental cum Water Conservation Expert
 L.N.M. Infra Projects Pvt. Ltd.
 NH-707, Paonta Sahib-HP

Although the sites will be either levelled or finished in a grade. However, due to rains and sliding etc, it tends to develop rills and gulley causing acceleration in the rate of erosion. Therefore, while carrying out plantation suitable soil conservation measures like draping jute/coir mat, geocell and benching will also be taken.



Finalized muck disposal/ utilization report:**SELECTION OF MUCK DISPOSAL SITE:**

The selection of muck disposal sites was carried out considering the quantity of the muck, landscape, cost effectiveness, nearness to source of generation, absence of ground and surface water, relief and scope for afforestation works. All the dumping locations are well supported at base and at higher elevation by suitable retaining structures. Subsequently all the muck disposal sites will be developed by taking up plantation through slope protection methods.

QUANTITY GENERATION:

As per estimate 3 lakh cum of muck was supposed to be generated. However, owing to fragile geology the actual quantity of material generated during hill cutting is 3.10 lakh cum and due to extreme adverse weather condition and cloud burst event 1 lakh cum of extra quantity of muck was generated which was disposed off at muck disposal sites.

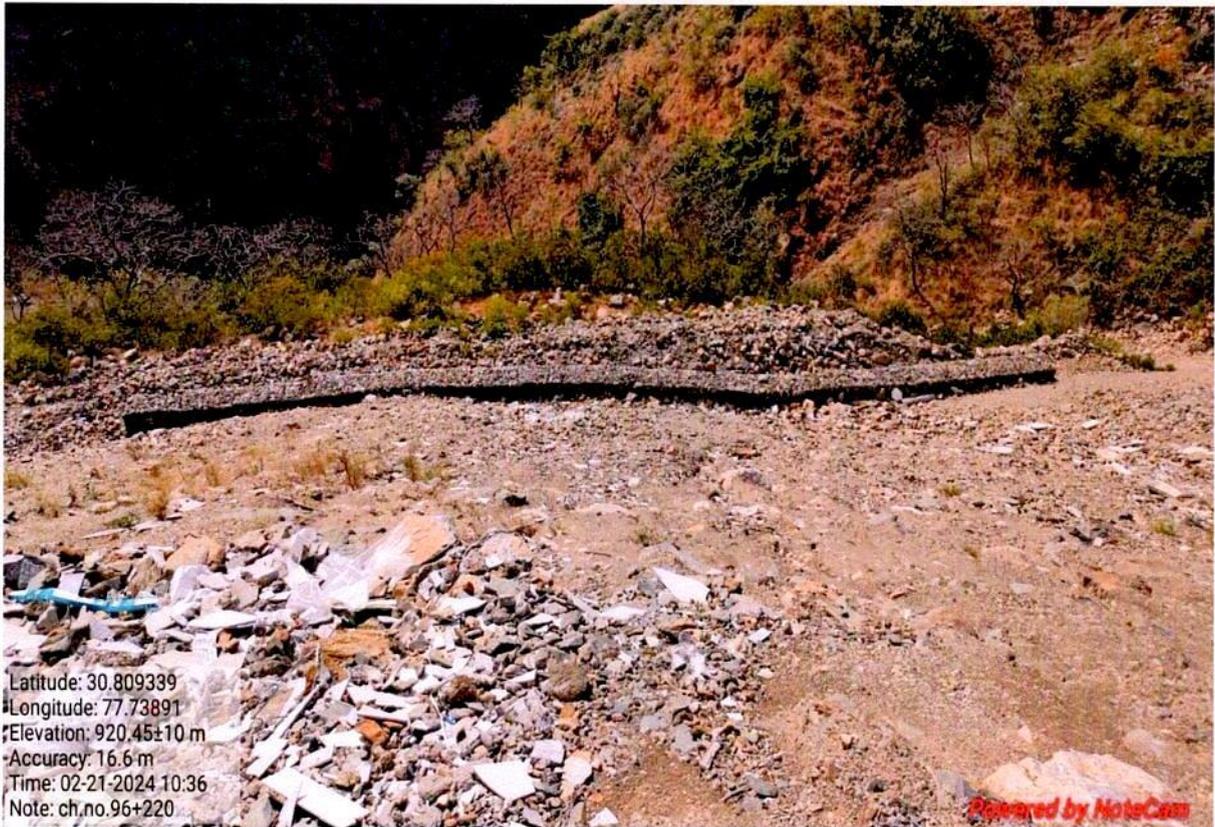
Out of 4.10 lakh cum of material excavated/ generated, 1.30 lakh cum quantity of material was utilized in various project components like subgrade preparation, construction of shoulders, CTSB, WMM, DBM, BC, Gabion wall, toe wall, breast wall, drain, culverts, retaining walls, filter media, way side amenity, loading unloading platform, CCTV operation building, medical aid centre, traffic control centre etc. development of junctions, bus bay and other project components.

Accordingly, the Two (02) muck disposal sites provided during handover were sufficient to cater for disposal requirement of the project packages. The details of dumping sites along with their total capacity and amount of muck disposed are enumerated in the below table.

Sr. No.	Dumping Zones (Chainage)	Dumping Capacity QTY cum	Total Dumped Muck QTY in cum
1.	Dumping Zone 01 (Km 96+220)	271094	201000
2.	Dumping Zone 02 (Km 99+050)	79771	79000
Total		350865	280000



Singh
Environmental cum Water Conservation Expert
L.N.M. Infra Projects Pvt. Ltd.
NH-707, Paonta Sahib-HP



Latitude: 30.809339
Longitude: 77.73891
Elevation: 920.45±10 m
Accuracy: 16.6 m
Time: 02-21-2024 10:36
Note: ch.no.96+220

Powered by NoteCam



Sineh
Environmental cum Water Conservation Expert
L.N.M. Infra Projects Pvt. Ltd.
NH-707, Paonta Sahib-HP



Sneha
Environmental cum Water Conservation Expert
L.N.M. Infra Projects Pvt. Ltd.
NH-707, Paonta Sahib-HP



Latitude: 30.825269
Longitude: 77.75335
Elevation: 890.8±11 m
Accuracy: 6.0 m
Time: 02-21-2024 10:52
Note: ch.no.99+050



Singh
Environmental cum Water Conservation Expert
L.N.M. Infra Projects Pvt. Ltd.
NH-707, Paonta Sahib-HP

**SHIVALIK BUILDTECH PVT. LTD.**

Corporate Off. :A-1/A, 2nd Floor, Sector -16,Noida(U.P)-201301
 Regd. Office -A-2/516, Ekta Garden, Patparganj, New Delhi - 110092
 Site Office- Rajendra Complex, Gumma, Bour Tehsil Nerwa, (H.P)-171210
 Tel. : 0120-4575106, 107, 108 , E-mail : info@shivalikbuildtech.com
 Website : www.shivalikbuildtech.com

Ref: SBPL/MP/BD/2023-24/01

Date: 20.02.2024

To,
The Team Leader,
 LN Malviya Infra Project Pvt. Ltd.
 Paonta Sahib, Himachal Pradesh

Project: Rehabilitation & Up-gradation to Intermediate –lane configuration of Gumma-Fediz Section (Km 94.900 to km 103.550) of NH-707 in the State of Himachal Pradesh under Green National Highway Corridor Project (GNHCP) with the loan assistance of World Bank on EPC mode.

Subject: - Regarding Muck Utilization.

Dear Sir,

The details of muck utilization sites as desired are as under: -

Status of Sites of Project Package – 5 (Gumma to Fediz)

Sr.No.	Name of Village	Design Chainage (m)	Type of Land	Capacity (Cum)	Material Dumped till Date (Cum)
1	Boie	96+220	Acquired Land	271094	201000
2	Kyarla	99+050	Acquired Land	79771	79000
Total				350865	280000

The muck generated is being utilized in construction of various project components such as Gabion wall, Breast wall, Toe wall, Wearing Coat, Bituminous Base Course, Non-Bituminous Base Course, Sub Base Course, Shoulder and Sub-Grade etc.

Further these sites have been provided with the protection works. The photos in this regard are also attached herewith. Apart from the above, slope protection works have been taken up & the photos of which are also attached for kind perusal.

Yours Truly
For Shivalik Buildtech Pvt. Ltd

For Shivalik Buildtech Pvt. Ltd.

Authorized Signatory
 Authorized Signatory

3389

Status of Dumping Site of Package - 5

Sr.No.	Name of Village	Design Chainage (m)	Type of Land	Dumping Capacity (Cum)	Total Dumped Till Date Cum)
1	Boie	96+220	Acquired Land	271094	201000
2	Kyarla	99+050	Acquired Land	79771	79000
			Total	350865	280000





L.N. MALVIYA INFRA PROJECTS PVT. LTD. **3390**

Office: H.No. 122/2, B Block, Adarsh Colony, Ward No.3, Badripur, Paonta Sahib
Email: lnmpsnh707@gmail.com

CIN No. U45201DL2010PTC373715

Ref: LNM/MoRTH-PIU/PKG-V/2022-23/1492(A)

Dated: 22.06.2022

To,
The Project Manager,
Gumma-Fediz Section of NH-707 (Package – V)
Shivalik Buildtech Pvt. Ltd.
Bandur, Nerwa, Shimla
Himachal Pradesh

Sub.: "Engineering, Procurment and Construction of Rehabilitation & Upgradation to Intermediate Lane Configuration of Gumma To Fediz Section (km.94.900 to km.103.550) of NH-707 in the state of Himachal Pradesh under Green National Highway Corridor Project (GNHCP) with the loan assistance of World Bank" Reg: - Approval of dumping sites

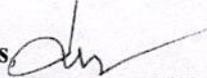
Ref: 1. SBPL/WB/BD/2022-23/23(A) dt. 18.06.2022

Dear Sir,

With reference to above cited subject vide which you have submitted the dumping site location at chainage 96+220 & 99+050 for approval. The same has been reviewed by authority engineer and found in order.

Further contractor is instructed to ensure protection as per drawing and layer wise compaction during muck disposal.

Regards,


TEAM LEADER
L.N.M. Infra Projects
Pvt. Ltd. (NH-707),
Paonta Sahib

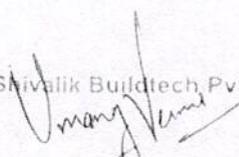
Authorized Signatory

M/s L.N. Malviya Infra Projects Pvt. Ltd.

Copy to: -

1. The Project Coordinator, M/s L.N. Malviya Infra Projects Pvt. Ltd.

For Shivalik Buildtech Pvt. Ltd.


Authorized Signatory



Ref: SBPL/WB/BD/2022-23/23(A)

Date: 18/06/2022

To,
The Team Leader,
LN Malviya Infra Project Pvt. Ltd.
Paonta Sahib, Himachal Pradesh

Project: Rehabilitation & Up-gradation to Intermediate –lane configuration of Gumma-Fediz Section (Km 94.900 to km 103.550) of NH-707 in the State of Himachal Pradesh under Green National Highway Corridor Project (GNHCP) with the loan assistance of World Bank on EPC mode.

Subject: - Regarding approval of dumping zone

Dear Sir,

Kindly refer to the 02 locations assigned to us as dumping sites. These two dumping as assigned to us are at 96+220 & 99+050 and has been checked by us. The same were found suitable for use with capacity as appx. 3,50,867 cum.

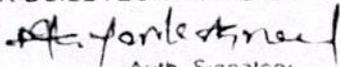
There is no additional requirement of dumping sites and therefore we request your kind approval on utilization of these sites.

This is for your kind information and necessary action.

Yours Truly

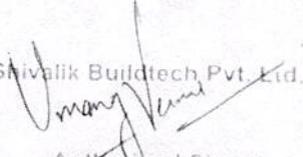
For Shivalik Buildtech Pvt. Ltd

SHIVALIK BUILDTECH PVT. LTD.

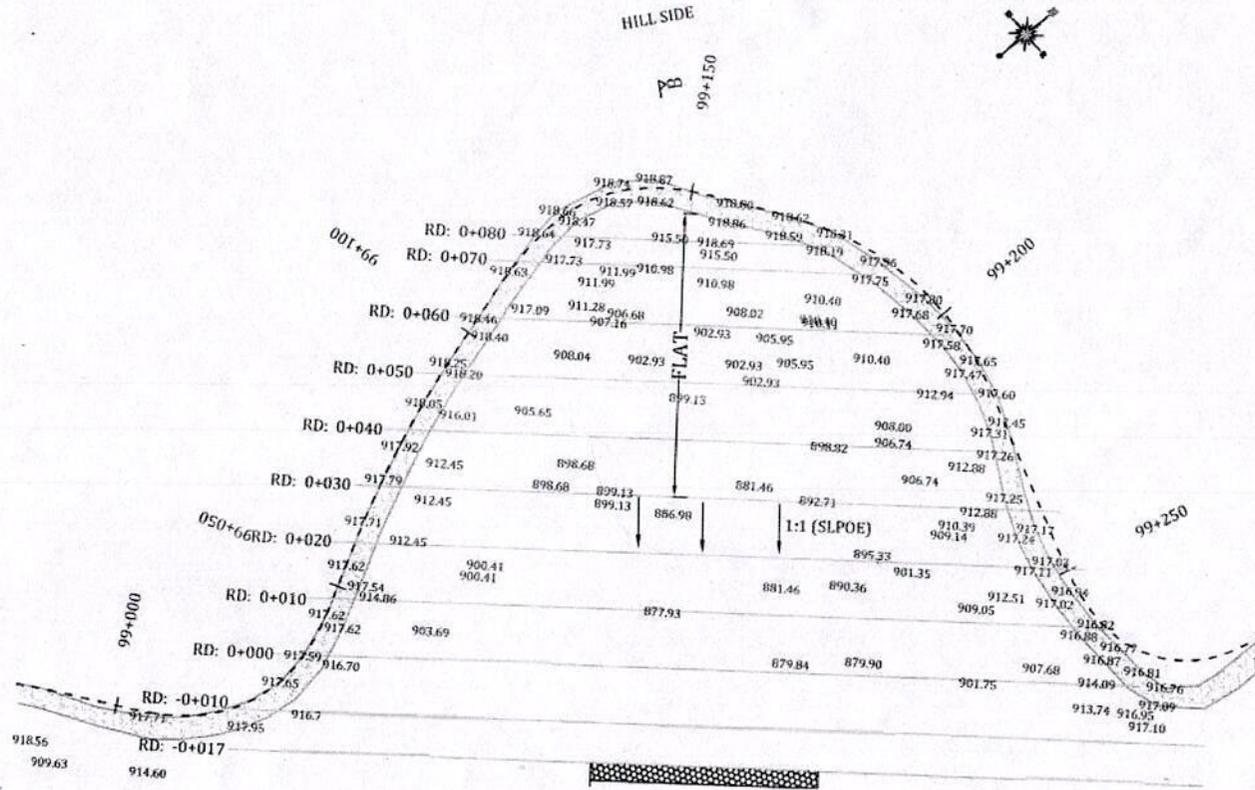

Auth Signatory

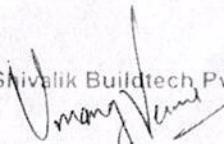
Authorized Signatory

For Shivalik Buildtech Pvt. Ltd.

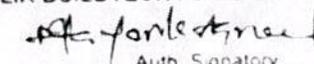

Authorized Signatory

CALCULATION OF EARTHWORK SITE-2				
Chainage	Distance	Fill Area	Fill	Cum. Fill
			Volume	Volume
-17	0	0.000	0.000	0.000
-10	7	116.624	408.184	408.184
0	10	632.862	3747.430	4155.614
10	10	922.664	7777.630	11933.244
20	10	1233.761	10782.125	22715.369
30	10	1872.079	15529.200	38244.569
40	10	1456.692	16643.855	54888.424
50	10	978.553	12176.225	67064.649
60	10	606.570	7925.615	74990.264
70	10	208.875	4077.225	79067.489
75	5	36.330	613.013	79680.502
80	5	0.000	90.825	79771.327
Quantity Filling =			Cum.	79771.327



For Shivalik Buildtech Pvt. Ltd.

 Authorized Signatory

PLAN OF DUMPING ZONE – 02
LOCATION 99+050 TO 99+250
VILLAGE – KIYARALA

SHIVALIK BUILDTech PVT. LTD.

 Auth Signatory

Sr. Bridge Engineer
 L.N.M. Infra Projects Pvt. Ltd.
 NH-707, Shillai-HP





L.N. MALVIYA 3394 PROJECTS PVT. LTD.

Office: H.No. 122/2, B Block, Adarsh Colony, Ward No.3, Badripur, Paonta Sahib
Email: lnmpsh707@gmail.com

CIN No. U45201DL2010PTC373715

Ref: LNM/MoRTH-PIU/PKG-V/2022-23/1492

Date: 22.06.2022

To,
The Project Manager
Gumma-Fediz section of NH-707 (PKG-V)
M/s Shivalik Buildtech Pvt. Ltd
Vill- Bandur, Tehsil- Nehrwa, Shimla, HP

Sub.: "Rehabilitation/Upgradation to intermediate lane configuration of Gumma - Fediz Section (km 94.900 to km 103.500) of NH-707 (Package V) in the State of Himachal Pradesh under Green National Highways Corridor Project (GNHCP) with the loan assistance of World Bank on EPC mode." Reg: Approval of Gabion Wall.

Ref: SBPL/WB/JUNE/2022-23/23 dt. 18.06.2022

Dear Sir,

With regards to the above subject and letter reference, the Authority's Engineer reviewed the submitted GFC drawings & Design of Dumping Side Gabion Wall of height 2m to 8m for the locations mentioned in the drawings and found in order and approved for construction.

This is for your kind information and further necessary action.

Yours Faithfully,

TEAM LEADER

M/s. L.N. Malviya Infra Projects Pvt. Ltd.
NH-707, Paonta Sahib

Team Leader
L.N. Malviya Infra Projects Pvt. Ltd.

Copy to:

1. The Project Director, MoRTH&H PIU Paonta Sahib- for kind information please.
2. The C.M.D, M/s L.N. Malviya Infra Projects Pvt. Ltd.- for kind information please.
3. Shri A. K. Saxena, Project Coordinator, M/s L.N. Malviya Infra Projects Pvt. Ltd.- for kind information please.
4. Shri Himanshu Shekhar, Resident Engineer 2, Shillai- for kind information please.

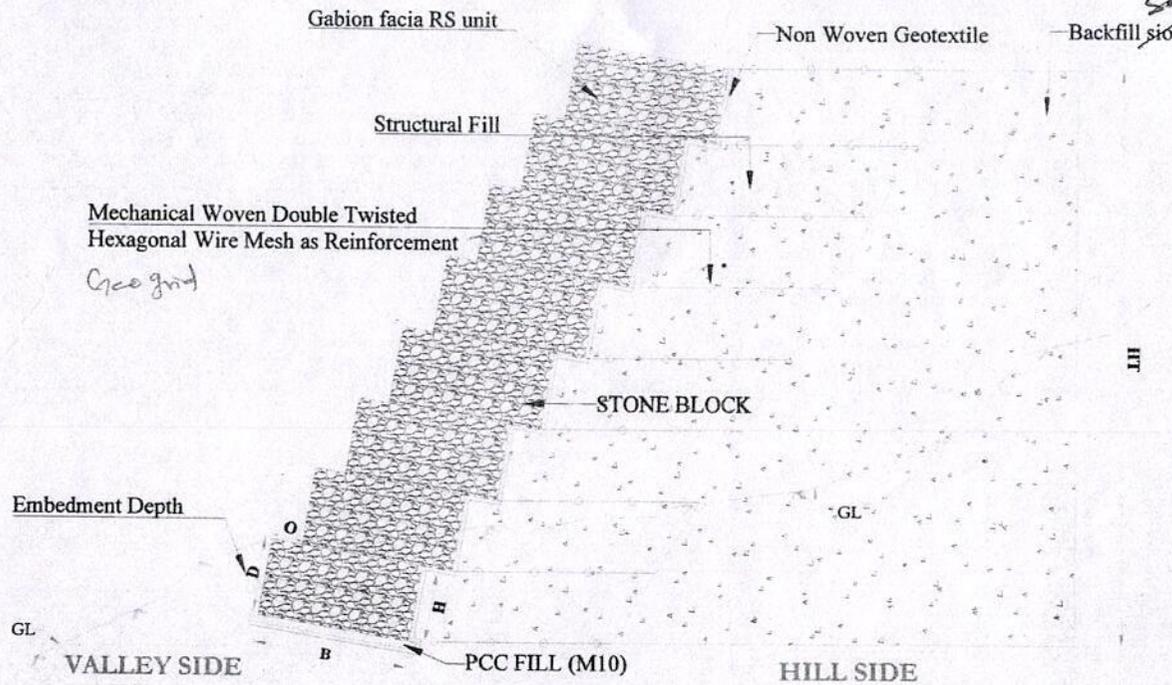
For Shivalik Buildtech Pvt. Ltd.

Authorized Signatory

Registered Office: Plot No.29, F/F, Sector 11, Dwarka, New Delhi-110078
Corporate Office: T-10, IIIrd Floor, City Center, Press Complex, Plot No.1, M.P. Nagar zone I Bhopal

← TO PONTA SAHIB

TO HATKOTI →



- NOTES
1. ALL DIMENSIONS AND LEVELS ARE IN M.
 2. DIMENSIONS ARE NOT TO BE SCALED. ONLY WRITTEN DIMENSION SHALL BE FOLLOWED.
 3. BACK FILLING SOIL PARAMETERS
C = 0 Deg, $\phi >= 35$ Deg, $\phi = 22.5$ Deg, Backfill Density = 20 KN/CUM
 4. 100MM THK PCC M-10 SHOULD BE PROVIDED AT THE BOTTOM WITH 0.10M OFFSET FROM THE EDGE OF BOTTOM BASE OF WALL ON EITHER SIDE.
 5. ROCKFILL IN GABION / MATTRESS SHALL BE FILLED IN LAYERS NOT EXCEEDING 300 MM.
 6. THE INTERNAL CROSS-TIES / TIE WIRES SHALL BE PROVIDED AFTER EVERY 300 MM OF ROCK FILL.
 7. ALL ADJACENT GABION / MATTRESS UNITS SHALL BE CONNECTED TO EACH OTHER BY THE LACING PROCEDURE.
 8. POROSITY OF GABIONS SHALL BE IN BETWEEN 30% TO 40%.
 9. MINIMUM LENGTH OF MESH REINFORCEMENT SHALL BE 0.7H OR 3M WHICHEVER IS MORE.

SHIVALIK BUILDTech PVT. LTD.

Signature
Auth. Signatory

TYPICAL CROSS SECTION OF GABION WALL

HT. (m)	Block Size		Offset (O)	Embedment Depth (D)	No of Blocks along Ht.	Inwards Slope of Box
	B	H				
2.00 m	1.00 m	1.00 m	0.40 m	0.60 m	2 Nos	6H:1V
3.00 m	1.50 m	1.00 m	0.40 m	0.60 m	3 Nos	6H:1V
4.00 m	1.50 m	1.00 m	0.40 m	0.60 m	4 Nos	6H:1V
5.00 m	1.50 m	1.00 m	0.60 m	0.60 m	5 Nos	6H:1V
6.00 m	2.00 m	1.00 m	0.60 m	1.00 m	6 Nos	6H:1V
7.00 m	3.00 m	1.00 m	0.60 m	1.00 m	7 Nos	6H:1V
8.00 m	3.00 m	1.00 m	0.70 m	1.00 m	8 Nos	6H:1V



Sr. Bridge Engineer
L.N.M. Infra Projects Pvt. Ltd.
NH-707, Shillai-HP



ISSUE	DATE	AMENDMENT / ISSUE DESCRIPTION	APPROVAL	PROJECT TITLE: RECONSTRUCTION AND UPGRADATION TO INTERMEDIATE AND CONFIRMATION OF SERIALS AND SECTION (NH-707) IN THE STATE OF HIMACHAL PRADESH UNDER GDS&S NATIONAL INFRASTRUCTURE CORRIDOR PROJECT FUNDING WITH THE LOAN ASSISTANCE OF WORLD BANK ON E&S M&C	DESIGN CONSULTANT SIGN HASHTAG CONSULTING ENGINEERS PVT LTD	AUTHORITY ENGINEER SIGN	SCALE AT A3 PAPER SIZE H = 1:2000 V = 1:200	ENGINEERING, PROCUREMENT, AND CONSTRUCTION (GUMMA-FEDIZ SECTION) GENERAL ARRANGEMENT DRAWING OF GABION WALL. GOOD FOR CONSTRUCTION (GFC) <small>ISSUED: 02/05/2018 AT 10:15:58 AM</small>
				CLIENT Ministry of Road Transport & Highways (MORTH), P.J.U. Ponta Sahib	SAFETY CONSULTANT SIGN	PROOF CONSULTANT SIGN		OWS NO. ITL-HASHTAG-1013-EPC-HPW
				CONTRACTOR SIGN Shivalik Buildtech Private Limited.				RO

**Fwd: Lr. No. 155 Completion Certificate**

Shivalik Buildtech <shivalik.nh707@gmail.com>
To: sandeepshivalik18@gmail.com
Cc: Madhavbhatia@shivalikbuildtech.com, arjunbhatia07@gmail.com

Wed, Apr 19, 2023 at 12:31 PM

----- Forwarded message -----

From: **Shivalik Buildtech** <shivalik.nh707@gmail.com>
Date: Wed, 19 Apr 2023 at 12:31
Subject: Lr. No. 155 Completion Certificate
To: <lnmpsre0@gmail.com>
Cc: Shillai <lnmshillai707@gmail.com>

Dear Sir,

Attached herewith, kindly find the letter regarding tests for completion.

--

Thank You

Regards



Shivalik Buildtech Pvt. Ltd.
Site Office - Bandur, Nerwa
Distt - Shimla (H.P.)
Pin - 171210

Corporate Office - A1/A, 2nd Floor,
Sector 16, Noida (U.P.)
Pin - 201301

--

Thank You

Regards



Shivalik Buildtech Pvt. Ltd.
Site Office - Bandur, Nerwa
Distt - Shimla (H.P.)
Pin - 171210

Corporate Office - A1/A, 2nd Floor,
Sector 16, Noida (U.P.)
Pin - 201301

Lr. No. 155 Completion Certificate.pdf
273K



3397

CIN No:- U45201DL2004PTC127501



SHIVALIK BUILDTECH PVT. LTD.

Corporate Off. : A-1/A, 2nd Floor, Sector -16, Noida (U.P.)-201301
Site Office- Rajendra Complex, Gumma, Bour Tehsil Nerwa, (H.P.)-171210
Tel. : 0120-4575106, 107, 108 , E-mail : info@shivalikbuildtech.com
Website : www.shivalikbuildtech.com

Ref: SBPL/WB/Apr/2023-24/155

Date: 19.04.2023

To,
The Team Leader,
LN Malviya Infra Project Pvt. Ltd.
H.No. 122/2, B Block Adarsh Colony,
Ward No. 3, BadripurPaonta Sahib

Project: Rehabilitation & Up-gradation to Intermediate –lane configuration of Gumma-Fediz Section (Km 94.900 to km 103.550) of NH-707 in the State of Himachal Pradesh under Green National Highway Corridor Project (GNHCP) with the loan assistance of World Bank on EPC mode.

Subject: - Regarding Completion of Project Stretch and Intent to Subject The Project Highway For Testing

Ref : 1. EPC Contract Agreement

Dear Sir,

This is to notify you of our intent to subject the project highway to tests as per schedule K of the contract agreement. We request your kind attention on the following :

- As per Article 12 of the contract agreement we hereby notify you today i.e. April 17, 2023 that our project highway shall be ready for tests as specified in Schedule K at anytime after May 15th, 2023.
- For issuance of completion certificate we request you to notify us the date and time of each test that may require us to carry in accordance with Good Industry Practice.
- The tests required to be carried out as per schedule K shall be
 1. Visual and physical test
 2. Riding quality test with the help of network survey vehicle (NSV)
 3. Other tests, if required
- Agency to carry out NSV shall be intimated to you by us, 10 days prior to the actual date of test mutually agreed between us.
- Date of environment audit required to be done as per schedule K is requested by us.
- Date of safety audit environment audit required to be done as per schedule K is requested by us.

Thanking You and always assuring you our best services.

Yours Faithfully,

For Shivalik Buildtech Pvt Ltd

For Shivalik Buildtech Pvt. Ltd.

Authorized Signatory
Authorized Signatory

Copy To:

1. The Resident Engineer,(LNM) Pkg-V,khadri Awas, Balikoti Road, near civil Hospital Shillai, H.P- 173027



भारत सरकार
पृथ्वी विज्ञान मंत्रालय
मौसम केंद्र, शिमला



Government of India
Ministry of Earth Sciences,
Meteorological Centre, Shimla

Monthly Rainfall (मासिक वर्षा)

01 July - 18 July 2023

District (जिला)	Actual Rainfall (mm) (वास्तविक वर्षा)	Normal Rainfall(mm) (सामान्य वर्षा)	Percentage (%) Departure from the normal
BILASPUR	402.3	149.4	169
CHAMBA	339.2	163	108
HAMIRPUR	366.5	170.7	115
KANGRA	442.1	309.7	43
KINNAUR	154	35.8	330
KULLU	351.9	98.4	258
LAHAUL & SPITI	148.4	70.1	112
MANDI	407.1	203.7	100
SHIMLA	388.8	114.3	240
SIRMAUR	836.3	245.5	241
SOLAN	563.1	173.1	225
UNA	360.3	179.3	101
SUBDIVISION RAINFALL	327.2	137.3	138





Government of India
Ministry of Road Transport & Highways
 (Project Implementation Unit, Paonta Sahib, Himachal Pradesh)
 [Ward No.10, Rampur Ghat Marg, Devi Nagar, Paonta Sahib, Sirmour- 173025]

No.: MoRTH PIU-P.S./C.W./P-V/2021-22/243]

Dated: 15.07.2023

To,

1. S.D.O.(C), Chaupal
Distt. Shimla, H.P.
2. S.D.O.(C), Shillai
Disst. Sirmaur, H.P.

Sub: Gumma - Fediz section (Package-V) of NH-707 - road closure reg.

Sir,

This is to enclose copy of intimation received from M/s Shivalik Buildtech Pvt. Ltd. thereby informing about collapse of road stretch between chainage Km 101+160 to Km 101+450 of NH-707 on 12.07.2022 on valley side, due to which connectivity from Gumma - Antrawali to Fediz Bridge - Nerwa/ Hatkoti is affected. The highway at aforesaid location shall remain temporarily closed till further information.

2. Further, recommendations of M/s L.N. Malviya Infra Projects Pvt. Ltd., Authority's Engineer are also attached herewith.
3. This is for your kind information and necessary action please.

Yours faithfully,

Aug 15-07-2023

Enclosures: As above

Assistant Executive Engineer
for Project Director, M/o RT&H
Project Implementation Unit, Paonta Sahib

Copy to:

- (i) Deputy Commissioner, Shimla- for kind information;
- (ii) S.D.P.O., Chaupal - for information and necessary action;
- (iii) Resident Engineer & Authorized Signatory, M/s L.N. Malviya Infra Projects Pvt. Ltd., Authority's Engineer (NH-707), Paonta Sahib- for necessary action;
- (iv) Project Manager, M/s Shivalik Buildtech Pvt. Ltd - for necessary action.



3400

CIN No:- U45201DL2004PTC127501



SHIVALIK BUILDTECH PVT. LTD.

Corporate Off. : A-1/A, 2nd Floor, Sector -16, Noida (U.P)-201301
Site Office- Rajendra Complex, Gumma, Bour Tehsil Nerwa, (H.P)-171210
Tel. : 0120-4575106, 107, 108 , E-mail : info@shivalikbuildtech.com
Website : www.shivalikbuildtech.com

Ref: SBPL/WB/July/2023-24/181

Date: 14.07.2023

To,
The Team Leader,
LN Malviya Infra Project Pvt. Ltd.
Paonta Sahib, Himachal Pradesh

Project: Rehabilitation & Up-gradation to Intermediate –lane configuration of Gumma-Fediz Section (Km 94.900 to km 103.550) of NH-707 in the State of Himachal Pradesh under Green National Highway Corridor Project (GNHCP) with the loan assistance of World Bank on EPC mode.

Subject: - Request for road closure from Km 101+160 to Km 101+450

Dear Sir,

This is to inform you that a section of road from Km 101+160 to 101+450 has been affected due to major landslide on 12.07.2023 due to heavy rainfall. This section of road is not in a condition to allow movement of vehicles.

Owing to the safety of road users, the road was closed for movement of users from 12.07.2023, 1800 Hrs and was informed to Police Station, Nerwa. The road is being repaired but the same is repeatedly getting eroded due to heavy rainfall. Temporary arrangements has been done for pedestrians but vehicular movement is yet not restored for which construction of gabion walls is being taken up along with hill side excavation for safe width of road.

All the necessary machinery has already been deployed for restoration of the section but owing to the terrain conditions, it will take another 10 days (appx.) for making this section of road in condition to allow vehicular movement.

It is therefore requested to you to kindly recommend the road closure permission from SDM, Chopal from 14.07.2023 to 24.07.2023.

Your Truly
For Shivalik Buildtech Pvt Ltd


For Shivalik Buildtech Pvt. Ltd.

Authorized Signatory

Authorized Signatory

Copy To:

1. The Resident Engineer, (LNM) Pkg-V, khadri Awas, Balikoti Road, near civil Hospital Shillai, H.P- 173027





3401

L.N. MALVIYA INFRA PROJECTS PVT. LTD.

Office: House No. 202/2 Ward No. 4 Durga Colony, Paonta Sahib
Email: lnmpsh707@gmail.com

CIN No. U45201DL2010PTC373715

No.: LNM/MoRTH-PIU/PKG-V/2023-24/2344

Date: 14.07.2023

To,

Executive Engineer & Project Director
Ministry of Road Transport & Highways,
PIU-Paonta Sahib, Himachal Pradesh.

Sub.: "Rehabilitation/ Up-gradation to Intermediate lane configuration of Gumma - Fediz Section (km 94.900 to km 103.500) of NH-707 (Package V) in the State of Himachal Pradesh under Green National Highways Corridor Project (GNHCP) with loan assistance of World Bank on EPC mode." Request for Road Closure from Km 101+160 to Km 10+450 - reg.

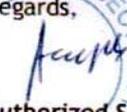
Ref.: SBPL/WB/July/2023-24/181 dated 14.07.2023

Dear Sir,

With reference to the above mentioned letter, the Contractor M/s Shivalik Buildtech Pvt. Ltd. has requested for road closure from 14.07.2023 to 24.07.2023. As, due to heavy rainfall in this monsoon on dated 12.07.2023 the road has been collapsed from Km 101+160 to Km 10+450.

2. The Contractor is trying to restore the project highway by excavation towards the hill side. But, the soil mass is getting collapsed repeatedly.
3. Now, the Contractor has to take up the protection work by providing the gabion wall on valley side from the available stable strata as well as excavation on hill side.
4. The restoration of the affected stretch will take approximately 10 (ten) days.
5. Therefore, road closure for 10 days (14.07.2023 to 24.07.2023) is required to restore the project highway.
6. The Contractor has ensured adequate machinery, manpower and other safety measures for the execution of work during the said closure period.
7. You are requested to intimate SDM - Chaupal to give necessary permission for the road closure.
8. The diversion of traffic will be as under: -
 - a. Fediz-Tiyuni-Chakrata-Vikasnagar-Paonta Sahib
 - b. Paonta Sahib-Vikasnagar-Chakrata-Tiyuni-Fediz
9. Sign boards and Traffic guide personal will be deployed at Badripur Chowk-Paonta Sahib & Fediz.

Regards,


Authorized Signatory
M/s L.N. Malviya Infra Projects Pvt. Ltd.

Copy to: -

Project Manager, M/s Shivalik Buildtech Pvt. Ltd.
CMD., M/s L.N. Malviya Infra Projects Pvt. Ltd, Bhopal.
Project Coordinator, M/s L.N. Malviya Infra Projects Pvt. Ltd.





3402 L.N. MALVIYA INFRA PROJECTS PVT. LTD.

Office: H.No. 122/2, B Block, Adarsh Colony, Ward No.3, Badripur, Paonta Sahib
Email: lumpsh707@gmail.com

CIN No. U45201DL2010PTC373715

Ref: - LNM/MoRTH-PIU/Pkg-V/July-23/SH/129

Date: 11.07.2023

To,
The Project Manager
Gumma- Fediz section of NH-707 (Package-V)
Shivalik Buildtech Pvt Ltd,
Bandur, Nerwa, Shimla, Himachal Pradesh.

Sub.: "Rehabilitation / Upgradation to intermediate lane configuration of Gumma-Fediz Section (km 94.900 to km 103.500) of NH-707 in the State of Himachal Pradesh under Green Highways Corridor Project (GNHCP) with the lone assistance of World Bank on EPC mode." **Reg:**
Monsoon Preparedness and Maintenance of the Project Highway.

Dear Sir,

Kindly refer to our letter No. 2337 dated 11.07.2023 on the above captioned subject.

In this connection you are requested to carry out the following measures at the earliest for keeping the Project Highway traffic worthy and safety of commuters.

1. Due to heavy rains there are slides being observed at several locations in your stretch, so you are requested to clear the slides wherever occurred in the Project Highway stretch at the earliest.
2. Barricade the slide area on both the sides along with flag men to fore warn the road users for the possible hazard.
3. Install falling rocks sign boards and blinkers at both the ends of slide area to fore warn the commuters.
4. Install Slippery Road sign boards on both sides wherever there is slush on the Project Highway.
5. Please be vigilant enough to carry out immediate repair work wherever if any subsidence being observed in the pavement of the Project Highway.
6. The contractor is again being requested to be vigilant if any scouring being observed at any of the slope protection works or structures due to continuous flow of water for carry out immediate possible remedial measures for the stability of the structures/slope protection works.
7. Wherever breach has occurred in the Project Highway, please create diversion so as to maintain the traffic worthiness of the Project Highway.

Registered Office: Plot No.29, F/F, Sector 11, Dwarka, New Delhi-110078

Corporate Office: 4th Floor, City Center, Press Complex, Plot No.1, M.P. Nagar zone I Bhopal





L.N. MALVIYA INFRA PROJECTS PVT. LTD.

3403

Office: H.No. 122/2, B Block, Adarsh Colony, Ward No.3, Badripur, Paonta Sahib
Email: lnmpsh707@gmail.com

CIN No. U45201DL2010PTC373715

8. Please delineate the valley side wherever the road has become narrow for safety of the road users.
9. Wherever there is possibility of rocks falling down, keep helmets on both sides and make it compulsory for the pedestrians to wear helmets before passing the stretch.
10. Please maintain the temporary drains/drainage along hill side by cleaning them regularly so that water doesn't flow on the project highway.
11. Please keep the machines and manpower readily available specially at the vulnerable stretches.
12. Please submit the action taken report for the affected chainages as attached herewith.
13. Please clear the culverts, drainage spouts of breast walls and bridges for free flow of water.
14. Please maintain the upkeepment of the old bridges still in use of any possible damages occurred due to rain like on the deck slab, repair of railings, near the approach to bridges and near abutments of any possible scour happened due to flowing water so as to maintain the proper upkeepment of the structure.
15. You are requested to provide details of machinery deployed at various chainages like No. of excavators, JCB, loaders, dumpers, etc along with manpower like drivers, supervisors, flagmen with their contact details so that they can be contacted during emergency.
16. Please submit the report as desired vide our letter No. 2337 dated 11.07.23 by 10.00 A.M on daily basis for further reporting to higher authorities at our end.

We are assuring our best service all the time.

Yours Faithfully,

Resident Engineer

L.N. Malviya Infra Projects Pvt. Ltd.

Cc to:

- 1) **The Project Director**, MoRT&H PIU Paonta Sahib– for kind information please.
- 2) **The CMD**, M/s L.N. Malviya Infra Projects Pvt. Ltd. - for kind information please.
- 3) **The Project Coordinator**, M/s L.N. Malviya Infra Projects Pvt. Ltd.- for kind information pl.
- 4) **The Team Leader**, M/s L.N. Malviya Infra Projects Pvt. Ltd. Paonta Sahib- for kind information please.

Registered Office: Plot No.29, F/F, Sector 11, Dwarka, New Delhi-110078

Corporate Office: T-10, III rd Floor, City Center, Press Complex, Plot No.1, M.P. Nagar zone I Bhopal



3404

Re: Damage Occured at our Road project

From: sandeep bhatia (shivalikorg@yahoo.co.in)

To: anshulpratap@uiic.co.in

Date: Thursday 13 July, 2023 at 02:40 PM IST

Dear Sir,

With reference to trailing mail, we would like to inform you that the road about 100-120 mtr has been washed out and more cracks has started to develop in roads and building made by us and complete traffic has been halted due to safety concern. Authorities and administration are chasing us to repair the road.

Moreover the rain is continuous and landslides are damaging roads frequently at various stretches. The damage is accuring on daily basis.

We once again request you to kindly depute surveyor at the earliest to asses the damage.

We are attaching photographs and letter issued by department to clear the road for movement.

This is for your reference and action please.

KINDLY TREAT IT AS URGENT.

Regards
Arjun Bhatia
9711740409

SHIVALIK BUILDTECH PVT. LTD. (SBPL)

A-1A,SECTOR-16, NOIDA- 201301 (U.P.)

Tel: 0120-4575106, 107,
Email: info@shivalikbuildtech.com
Website: www.shivalikbuildtech.com

On Thursday, 13 July 2023 at 01:59:36 PM IST, sandeep bhatia <shivalikorg@yahoo.co.in> wrote:

Dear Sir,

With reference to trailing mail, we would like to inform you that the road about 100-120 mtr has been washed out and more cracks has started to develop in roads and building made by us and complete traffic has been halted due to safety concern. Authorities and administration are chasing us to repair the road.

Moreover the rain is continuous and landslides are damaging roads frequently at various stretches. The damage is accuring on daily basis.

We once again request you to kindly depute surveyor at the earliest to asses the damage.

We are attaching photographs and letter issued by department to clear the road for movement.

This is for your reference and action please.

KINDLY TREAT IT AS URGENT.



Regards
Arjun Bhatia
9711740409

SHIVALIK BUILDTECH PVT. LTD. (SBPL)
A-1A,SECTOR-16, NOIDA- 201301 (U.P.)

Tel: 0120-4575106, 107,
Email: info@shivalikbuildtech.com
Website: www.shivalikbuildtech.com

On Wednesday, 12 July 2023 at 04:33:56 PM IST, sandeep bhatia <shivalikorg@yahoo.co.in> wrote:

Dear Sir,

With reference to trailing mail we would like to inform you that due to non stop rain in Himachal Pradesh, there are continuous landslides occurring at our road due to which our complete road has been cut off. Our complete road has come under land slide causing huge damaged to the road, concrete brest wall made for protection from land slide has also been broken at many locations, retaining walls also been swept away in landslides. Major portion of Geo-cell work done for protection from land slides has been swept away causing huge loss. Big Boulders have damaged our DBM and bituminous concrete done on road and also crash barrier installed by us have been damaged. Photos and Videos are being attached for your immediate reference.

Our road has settled from base pics are attached for your reference.

YOUR IMMEDIATE ACTION IS REQUIRED.

PFA assessment sheet of damages which has occurred till date: 12/07/2023and time: 4 P.M. and moreover rainfall is continuously happening at site. Further damages shall be reported accordingly.

We request you to appoint surveyor on immediate basis as the loss is accruing.

Regards
Arjun Bhatia

SHIVALIK BUILDTECH PVT. LTD. (SBPL)
A-1A,SECTOR-16, NOIDA- 201301 (U.P.)
Tel: 0120-4575106, 107,
Email: info@shivalikbuildtech.com
Website: www.shivalikbuildtech.com



On Wednesday, 12 July 2023 at 11:53:06 AM IST, Anshul Pratap <anshulpratap@uiic.co.in> wrote:

Sir/Madam,

3406

In reference to the trailing email please provide the estimate of the loss so that we can proceed further in the said matter

धन्यवाद एवं आदर सहित

अंशुल प्रताप
Anshul Pratap

वरिष्ठ शाखा प्रबंधक / Sr. Branch Manager
यूनाइटेड इंडिया इश्योरेंस कंपनी लिमिटेड / United India Insurance Co. Ltd.
(भारत सरकार का उपक्रम) / (A Govt Of India Undertaking)
शाखा कार्यालय / Branch Office
यमुना नगर, हरियाणा / Yamunanagar, Haryana
01732-227760

-----"sandeep bhatia" <shivalikorg@yahoo.co.in> wrote: -----
To: "anshulpratap@uiic.co.in" <anshulpratap@uiic.co.in>
From: "sandeep bhatia" <shivalikorg@yahoo.co.in>
Date: 12/07/2023 11:47AM
Subject: Re: Damage Occured at our Road project

CAUTION: [This message came from outside your organization]. Do not respond to email or open email attachments or click on email links purported to be sent by CMD, Senior Management or Company Officials sent from outside domains like Gmail, Yahoo etc. Internal official emails will be sent from UIIC domain only.

We further would like to inform you that our road is being used for Defence purpose, we cannot block the road. Moreover officials are standing and getting the road cleared to whatever extent we can to start movement. This is for your information and necessary action please.

SHIVALIK BUILDTECH PVT. LTD. (SBPL)

A-1A, SECTOR-16, NOIDA- 201301 (U.P.)

Tel: 0120-4575106, 107,
Email: info@shivalikbuildtech.com
Website: www.shivalikbuildtech.com

On Wednesday, 12 July 2023 at 11:24:36 AM IST, sandeep bhatia <shivalikorg@yahoo.co.in> wrote:

Dear Sir,

With reference to trailing mail we would like to inform you that due to non stop rain in Himachal Pradesh, there are continuous landslides occurring at our road due to which our complete road has been cut off. Our complete road has come under land slide causing huge damaged to the road, concrete brest wall made for protection from land slide has also been broken at many locations, retaining walls also been swept away in landslides. Major portion of Geo-cell work done for protection from land slides has been swept away causing huge loss. Big Boulders have damaged our DBM and bituminous concrete done on road and also crash barrier installed by us have been damaged. Photos and Videos are being attached for your immediate reference.

We request you to appoint surveyor on immediate basis so that assessment of loss can be done.

YOUR IMMEDIATE ACTION IS REQUIRED.



3407

Regards
Arjun Bhatia

SHIVALIK BUILDTECH PVT. LTD. (SBPL)

A-1A,SECTOR-16, NOIDA- 201301 (U.P.)

Tel: 0120-4575106, 107,

Email: info@shivalikbuildtech.com

Website: www.shivalikbuildtech.com

On Tuesday, 11 July 2023 at 12:47:28 PM IST, sandeep bhatia <shivalikorg@yahoo.co.in> wrote:

Dear Sir,

This is to inform you that due to incessant rainfall in Himachal Pradesh there have been huge damage at site due to massive landslides at various locations on our Road project "Rehabilitation and Up-gradation to Intermediate Lane configuration of Gumma-Fediz Section (km 94.900 to 103.550) of NH-707 in the State of Himachal Pradesh under Green National Highways Corridor Project (GNHCP) with the loan assistance of World Bank on EPC mode".

Due to landslides concrete walls, bitumen roads, Electric poles, crash barriers, Geocell Hydroseeding etc. work done by us has been damaged/ washed away.

As of now we cannot estimate the amount of damage occurred at our site due to constant rain and various landslides at various locations on road and due to landslides our approach to the road is blocked. Moreover in the area which we are working is under red alert.

Once we clear the landslides then we can assess the damage occurred and you can visit too to assess.

We are hereby attaching photographs and video for your information.

Regards
Arjun Bhatia

SHIVALIK BUILDTECH PVT. LTD. (SBPL)

A-1A,SECTOR-16, NOIDA- 201301 (U.P.)

Tel: 0120-4575106, 107,

Email: info@shivalikbuildtech.com

Website: www.shivalikbuildtech.com



'Azadi Ka Amrit Mahotsav' - An initiative of the Government of India to celebrate and commemorate 75 years of progressive India



Monsoon preparedness and maintenance of the project highway (Pkg-5).pdf
778.8kB



pic road 2.jpeg
245.1kB



pic road 6.jpeg
243.5kB



pic road4.jpeg
211.2kB



damage 2.jpeg
32.5kB



damage 3.jpeg
35.5kB



damage 4.jpeg
40.5kB



damage 6.jpeg
44kB



damage 7.jpeg
37kB



damage 8.jpeg
28.9kB



damage 9.jpeg
45.6kB



damahe 5.jpeg
19.6kB



फेडिजपुल में 120 मीटर तक ध्वस्त हुआ एनएच, पैदल आवाजाही भी बंद बड़ी-बड़ी दरारें पड़ने से और टूट सकती है सड़क

हिमाचल रास्ताक ■ नैरवा/चौपाल

■ क्षेत्र का यूपी-उत्तराखंड से संपर्क कटा, किसानों की भी बढ़ेगी परेशानी

फेडिजपुल के नजदीक एनएच-707 पर 100 मीटर से अधिक सड़क पूरी तरह से धंस गई है। इससे यहां से वाहनों की आवाजाही पूरी तरह से ठप हो गई है। हालात ये हैं कि अब यहां पैदल जाने तक के लिए सड़क नहीं बची है। वहीं कई मीटर सड़क पर बड़ी-बड़ी दरारें आ गई हैं जिससे उस हिस्से के भी टूटने के पूरे आसार बने हुए हैं।

जानकारी के अनुसार खैरवार देर शाम फेडिजपुल के नजदीक पहाड़ी में भू-स्खलन हो गया, जिससे भारी-भरकम चट्टानें सड़क पर आ गिरीं। सड़क पर अत्यधिक भार पड़ने से उक्त जगह से एनएच लगभग 120 मीटर तक टूट गया। सड़क के टूटने से नैरवा क्षेत्र का जिला सिरमौर और उत्तराखंड से संपर्क भी कट चुका है। इस कारण किसानों-बागवानों को अपने उत्पाद उत्तराखंड और यूपी की मंडियों में पहुंचाना मुश्किल हो गए हैं। वहीं सड़क के टूटने से इसका निर्माण कर रही शिवालिक कंस्ट्रक्शन कंपनी को करोड़ों रुपये का नुकसान हुआ है। इस स्थान पर



3-3 मशीनें भी नहीं हटा पा रही चट्टानें

जानकारी के अनुसार बड़ी-बड़ी चट्टानें गिरने से सड़क के टूटने का सिलसिला सुककर को भी जारी रहा। कंस्ट्रक्शन कंपनी के एग्जीक्यूटिव मॉडिया ने बताया कि सुबह से ही सड़क पर गिरी चट्टानें हटाने का कार्य शुरू कर दिया है, परंतु ये चट्टानें इतनी बड़ी हैं कि 3-3 मशीनें भी इन्हें हिसा तक नहीं पा रही हैं। एग्जीक्यूटिव मॉडिया ने कहा कि सड़क को तैयार करने में काफी समय लग सकता है।

सड़क टूटने से बड़ी किसानों-बागवानों की मुश्किलें

उधर इस सड़क के टूटने से किसानों और बागवानों को अपने उत्पाद देहरादून और सहरनपुर की मंडियों में पहुंचाने में मुश्किल हो गए हैं। उधमसिल चौपाल और कुपवा के निचले क्षेत्रों में हजारों टन टमाटर खेतों में पककर तैयार हैं। इसके आलावा उत्तराखंड के सीमांत क्षेत्र ट्यूजी, अटाल, अणु, सैज, देवहर, बकर व बंगाल के किसान भी अपने कृषि उत्पाद इसी रास्ते से उत्तराखंड, यूपी और दिल्ली की मंडियों में पहुंचते हैं। इस सड़क के टूटने से अब इन किसानों को परेशानी होगी।

करीब 120 मीटर तक सड़क इस कदर टूट चुकी है कि इससे वाहन गुजरना तो

दूर की बात है पैदल चलने के लिए भी जगह नहीं बची है।



फेडिज पुल के समीप हाईवे का 120 मीटर हिस्सा ढहा

एनएच पर एक करोड़ की लागत से बना ट्रैफिक मैनेजमेंट सिस्टम ध्वस्त, सुरक्षा दीवारें, क्रेश बैरियर टूटे

संबाद न्यूज एजेंसी

नेरवा (रोहड़ू)। उपमंडल चौपाल को सिमाँर, उत्तराखंड और दिल्ली समेत देश के अन्य राज्यों से जोड़ने वाले एनएच 707 का फेडिज पुल के समीप 120 मीटर हिस्सा मिट गया है। बीरवार को पहाड़ी से बड़ी-बड़ी चट्टानें गिरने से सड़क का बड़ा हिस्सा पूरी तरह टूटकर ध्वस्त हो गया है।

एनएच का बड़ा हिस्सा गिरने से एक करोड़ की लागत से लगा एंटीएम्ब्रेस (एंडवॉरड ट्रैफिक मैनेजमेंट सिस्टम), क्रेश बैरियर और की सुरक्षा दीवारें, क्रेश बैरियर और सड़क के किनारे लगाए गए लाइटों के खंभे भी खस्त हो गए हैं। सड़क के टूटने से इसका निर्माण कर रही शिवालिक कंस्ट्रक्शन कंपनी को 12 करोड़ रुपये से भी अधिक का नुकसान झेलना पड़ा है। सड़क के टूटने से किसानों और यागवानों को अपनी फसलें देहरादून, सहारनपुर और दिल्ली की मंडियों तक पहुंचाने में बाधा का सामना करना पड़ रहा है। इन दिनों क्षेत्र में टमाटर सीजन



हिमाचल-उत्तराखंड सीमा के समीप फेडिज पुल में बारिचा के बाद क्षतिग्रस्त एनएच 707 -संबाद

किसानों को टमाटर सहित अन्य फसलों को मंडी तक पहुंचाने में आएंगी दिक्कतें

जोरों पर है। किसानों को टमाटर के मंडियों में अच्छे मिल रहे लेकिन मार्ग अवरुद्ध होने से किसानों मुश्किलें बढ़ गई हैं।

सेब सीजन से पहले सड़कें करें दुरूस्त रामपुर वृष्टहर। ब्लॉक कांप्रेस अख्यक्ष सतीश वर्मा ने सभी जोन प्रभारियों को निर्देश दिए हैं कि इस विपदा की स्थिति में सभी अपने-अपने जोन और पंचायत में सभी की सहभाग्य करें।

जिन ग्रामीणों के घरों का नुकसान हुआ है, उन सभी की सूची बनाकर ब्लॉक कांप्रेस अख्यक्ष के पास जमा करें। ब्लॉक कांप्रेस अख्यक्ष ने कहा कि नौगली में एनएच पंच में हुए दर्दनक सड़क हादसे में नमखड़ी क्षेत्र की खड़ाहण पंचायत के लाहडू गांव के एक ही परिवार, दो पुरुष और दो महिलाओं के सतलुज में टूटने का सिलसिला शुक्रवार को भी जारी रहा।

कंस्ट्रक्शन कंपनी के एमडी अर्जुन भाटिया ने बताया कि रुबल से ही सड़क पर गिरी चट्टानों को हटाने का कार्य शुरू कर दिया गया है। चट्टानें इतनी बड़ी हैं कि तीन-

तीन मशीनें इनको हिला तक नहीं पा रही हैं। सड़क को तैयार करने में काफी समय लग सकता है। उन्होंने कहा कि पहाड़ी से चट्टानें गिरने का सिलसिला थमने और हटाने के बाद ही आगला काम शुरू होगा।

