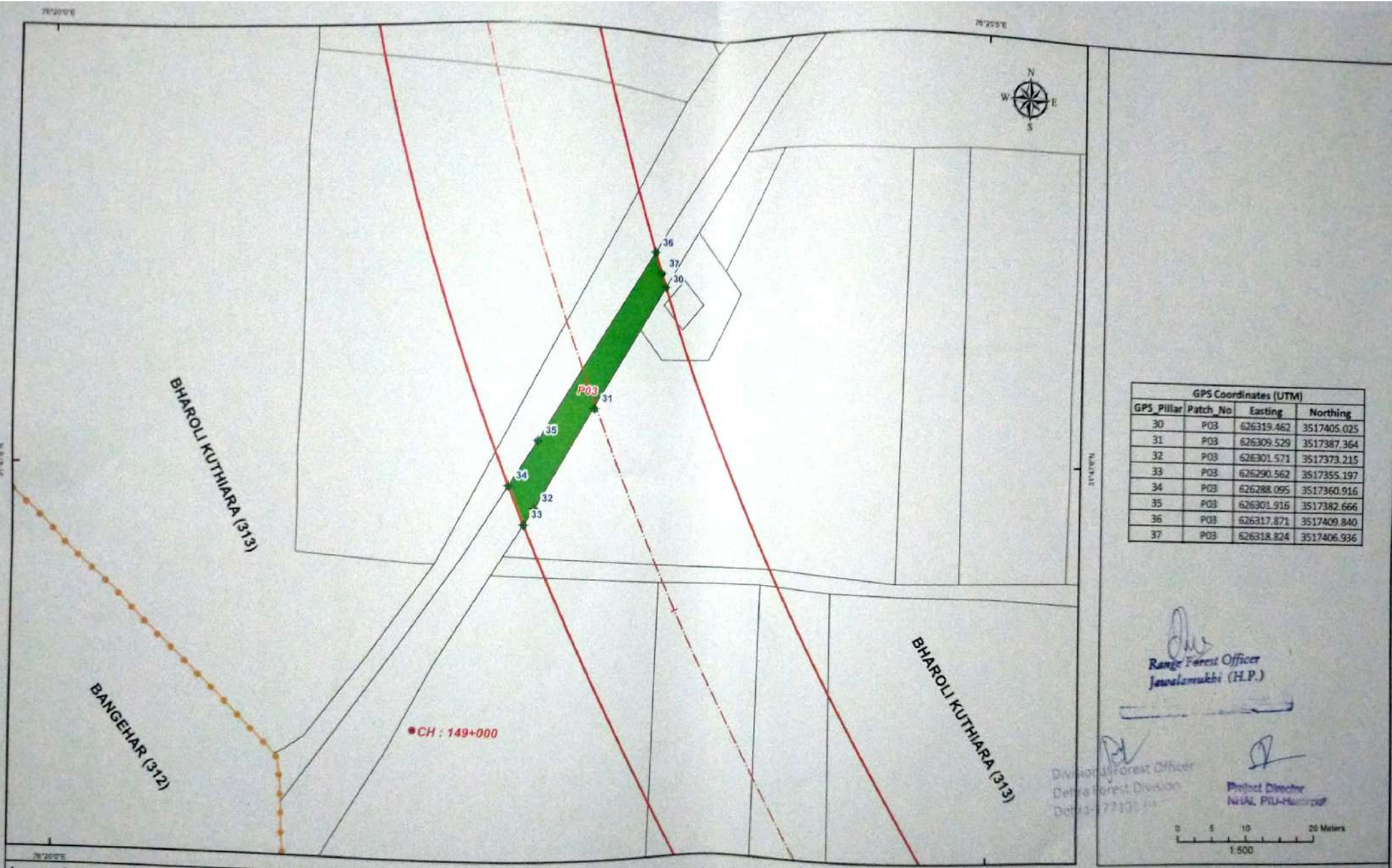




GPS Coordinates (UTM)			
GPS Pillar	Patch No	Easting	Northing
30	P03	626319.462	3517405.025
31	P03	626309.529	3517387.364
32	P03	626301.571	3517373.215
33	P03	626290.562	3517355.197
34	P03	626288.095	3517360.916
35	P03	626301.916	3517382.666
36	P03	626317.871	3517409.840
37	P03	626318.824	3517406.936

[Signature]
 Range Forest Officer
 Jawalamukhi (H.P.)

[Signature]
 Divisional Forest Officer
 Dehra Forest Division
 Dehra-72101

[Signature]
 Project Director
 NHAI, POU-Hamirpur

Intercontinental Consultants and Technocrats Pvt. Ltd.

NATIONAL HIGHWAY AUTHORITY OF INDIA

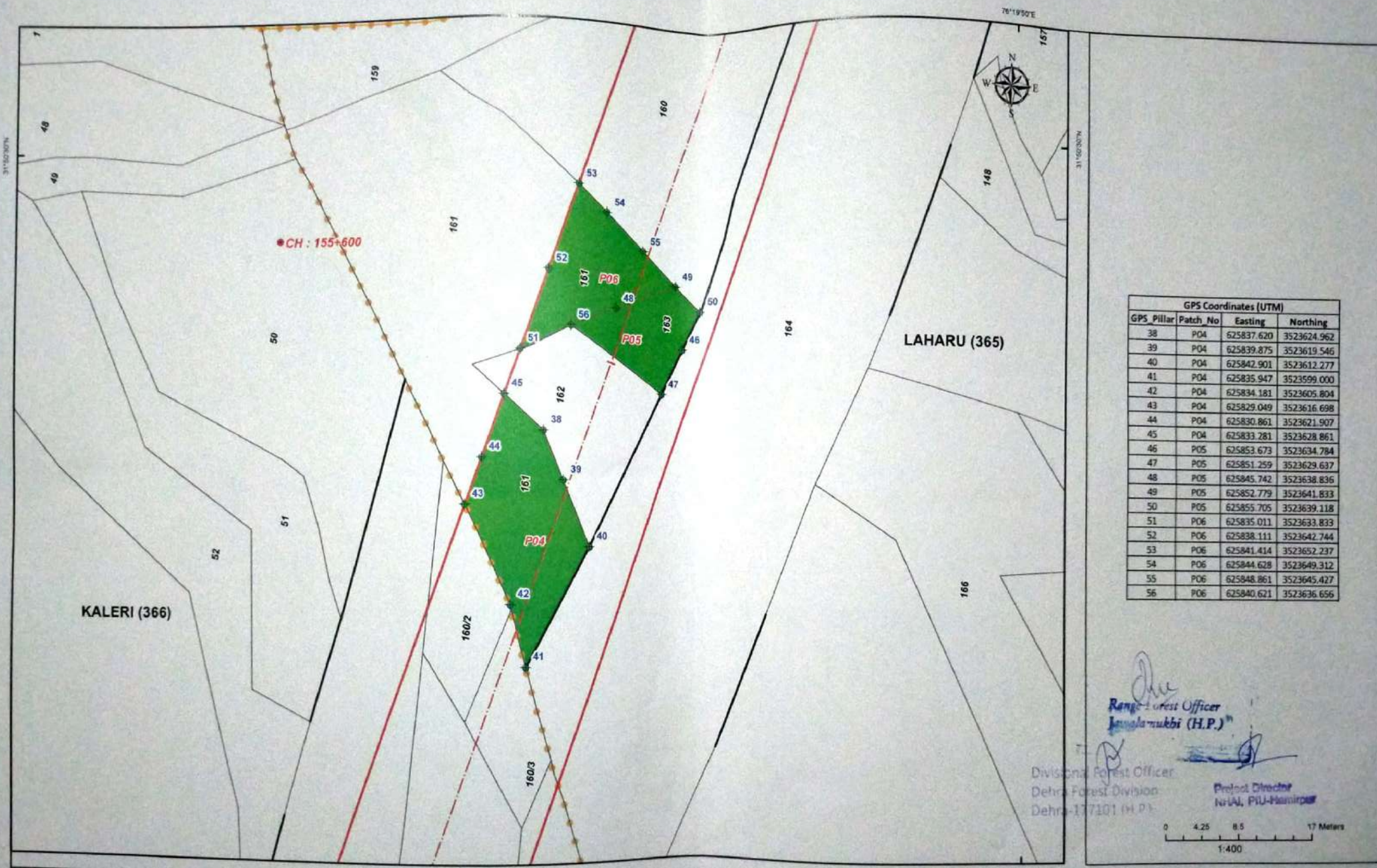
Project:

Rehabilitation and Upgrading of Existing Road to 2 Lane with Paved Shoulder from End of Hamirpur bypass (Near Village Chil Bahal) to Bhangbar Section via Jawalamukhi of NH-88 (New NH-3 & NH-303) (Design Chainage- Km 138+295 to Km 175+270, Design Length-36.975 Km) in the State of Himachal Pradesh under NH(O) on HAM Mode (Package IV)

DGPS Mapping
 Tehsil: Jawalamukhi, District: Kangra
 SHEET: 01

Legend

- GPS Pillar
- Proposed ROW
- Existing ROW
- Proposed Centreline
- Khasra boundary
- Village boundary
- Forest area

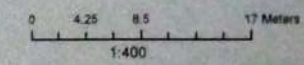


GPS Coordinates (UTM)				
GPS Pillar	Patch No	Easting	Northing	
38	P04	625837.620	3523624.962	
39	P04	625839.875	3523619.546	
40	P04	625842.901	3523612.277	
41	P04	625835.947	3523599.000	
42	P04	625834.181	3523605.804	
43	P04	625829.049	3523616.698	
44	P04	625830.861	3523621.907	
45	P04	625833.281	3523628.861	
46	P05	625853.673	3523634.784	
47	P05	625851.259	3523629.637	
48	P05	625845.742	3523638.836	
49	P05	625852.779	3523641.833	
50	P05	625855.705	3523639.118	
51	P06	625835.011	3523633.833	
52	P06	625838.111	3523642.744	
53	P06	625841.414	3523652.237	
54	P06	625844.628	3523649.312	
55	P06	625848.861	3523645.427	
56	P06	625840.621	3523636.656	

[Signature]
 Range Forest Officer
 Jwalamukhi (H.P.)

[Signature]
 Divisional Forest Officer
 Dehra Forest Division
 Dehra-177101 (H.P.)

[Signature]
 Project Director
 NRIAL, PIU-Hamirpur



Legend

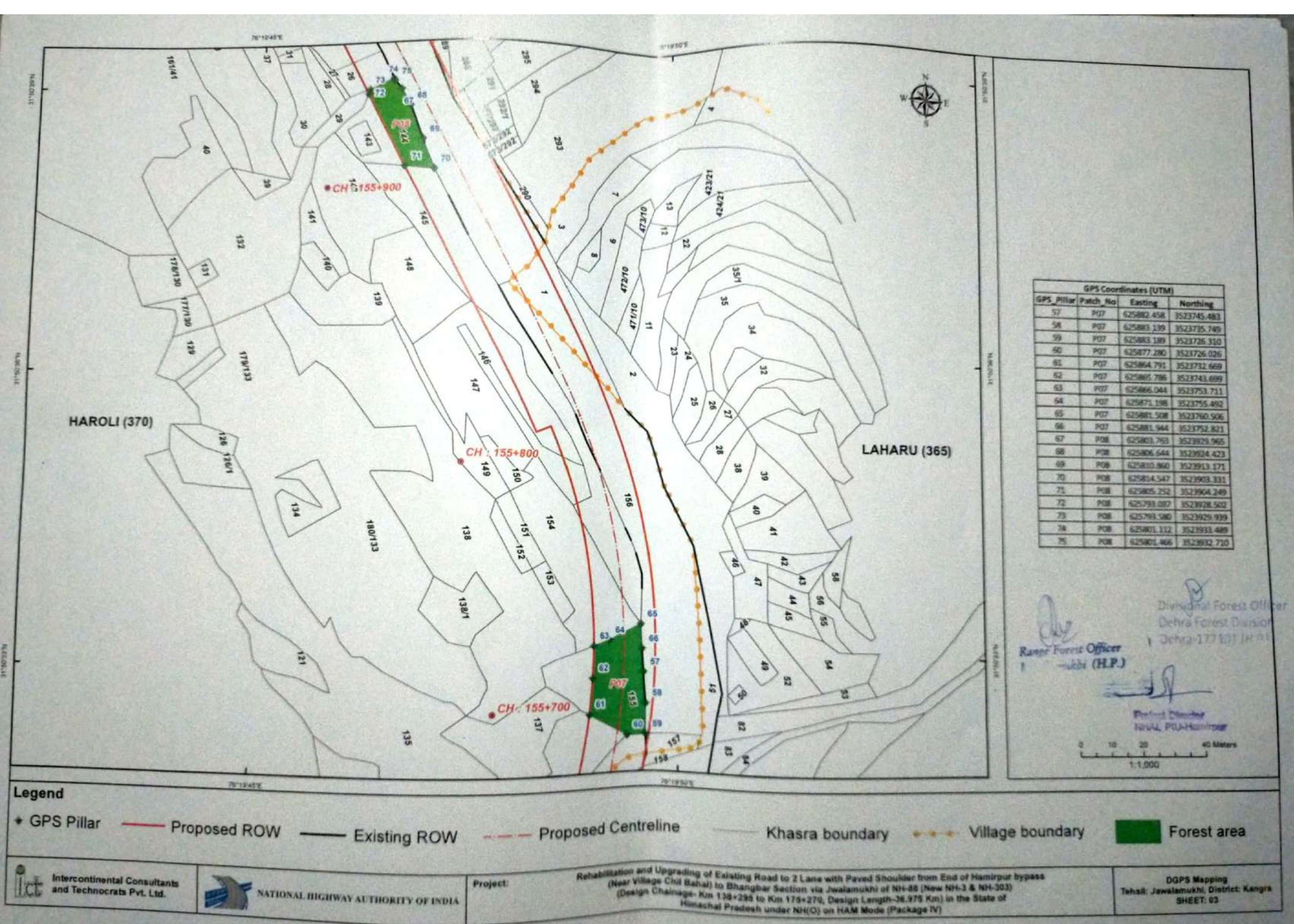
- GPS Pillar
- Proposed ROW
- Existing ROW
- Proposed Centreline
- Khasra boundary
- Village boundary
- Forest area

Project:
 Rehabilitation and Upgrading of Existing Road to 2 Lane with Paved Shoulder from End of Hamirpur bypass
 (Near Village Chil Bahal) to Bhangbar Section via Jwalamukhi of NH-88 (New NH-3 & NH-303)
 (Design Chainage- Km 138+295 to Km 175+270, Design Length-36.975 Km) in the State of
 Himachal Pradesh under NH(O) on HAM Mode (Package IV)

OGPS Mapping
 Tehsil: Jwalamukhi, District: Kangra
 SHEET: 02

Intercontinental Consultants and Technocrats Pvt. Ltd.

NATIONAL HIGHWAY AUTHORITY OF INDIA



76°19'45"E



GPS Coordinates (UTM)			
GPS Pillar	Patch No	Easting	Northing
76	P09	625748.260	3524032.820
77	P09	625751.189	3524026.492
77A	P09	625753.145	3524023.457
77B	P09	625755.674	3524018.002
78	P09	625758.300	3524013.514
79	P09	625768.058	3523993.453
80	P09	625764.680	3523990.282
81	P09	625766.289	3523981.609
82	P09	625750.448	3524013.060
83	P09	625747.808	3524021.945
84	P09	625744.048	3524030.351
85	P09	625746.672	3524031.673
86	P09	625742.938	3524039.087
87	P09	625744.210	3524040.148
88	P09	625746.788	3524036.002
89	P10	625748.791	3524071.928
90	P10	625751.024	3524073.053
91	P10	625772.635	3524030.144
92	P10	625785.431	3524004.738
93	P10	625793.700	3523983.931
94	P10	625773.915	3524020.023
95	P10	625748.625	3524069.790
96	P10	625745.924	3524075.105
97	P10	625746.946	3524075.591

Range Forest Officer
Dehra Forest Division
Dehra-177101 (H.P.)
Project Director
NHAI, P.U.-Hamirpur

0 5 10 20 Meters
1:500

HAROLI (370)

JATLAHALR (371)

CH : 156+000

Legend

- + GPS Pillar — Proposed ROW — Existing ROW - - - Proposed Centreline — Khasra boundary - - - Village boundary ■ Forest area



Intercontinental Consultants
and Technocrats Pvt. Ltd.



NATIONAL HIGHWAY AUTHORITY OF INDIA

Project:

Rehabilitation and Upgrading of Existing Road to 2 Lane with Paved Shoulder from End of Hamirpur bypass
(Near Village Chil Bahal) to Bhangbar Section via Jwalamukhi of NH-88 (New NH-3 & NH-303)
(Design Chainage- Km 138+295 to Km 176+270, Design Length-36.975 Km) in the State of
Himachal Pradesh under NH(O) on HAM Mode (Package IV)

DGPS Mapping
Tehsil: Jwalamukhi, District: Kangra
SHEET: 04

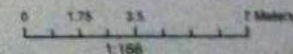


GPS Coordinates (UTM)			
GPS Pillar	Patch No	Easting	Northing
98	P11	625737.286	3524095.407
99	P11	625739.116	3524091.472
100	P11	625738.319	3524091.146
101	P11	625733.442	3524101.447
102	P11	625734.385	3524101.818
103	P11	625735.843	3524098.508

Range Forest Officer
Jawalamukhi (H.P.)

Divisional Forest Officer
Dehra Forest Division
Dehra-177101 (H.P.)

Project Director
NHAI, P.O. New Delhi



Legend

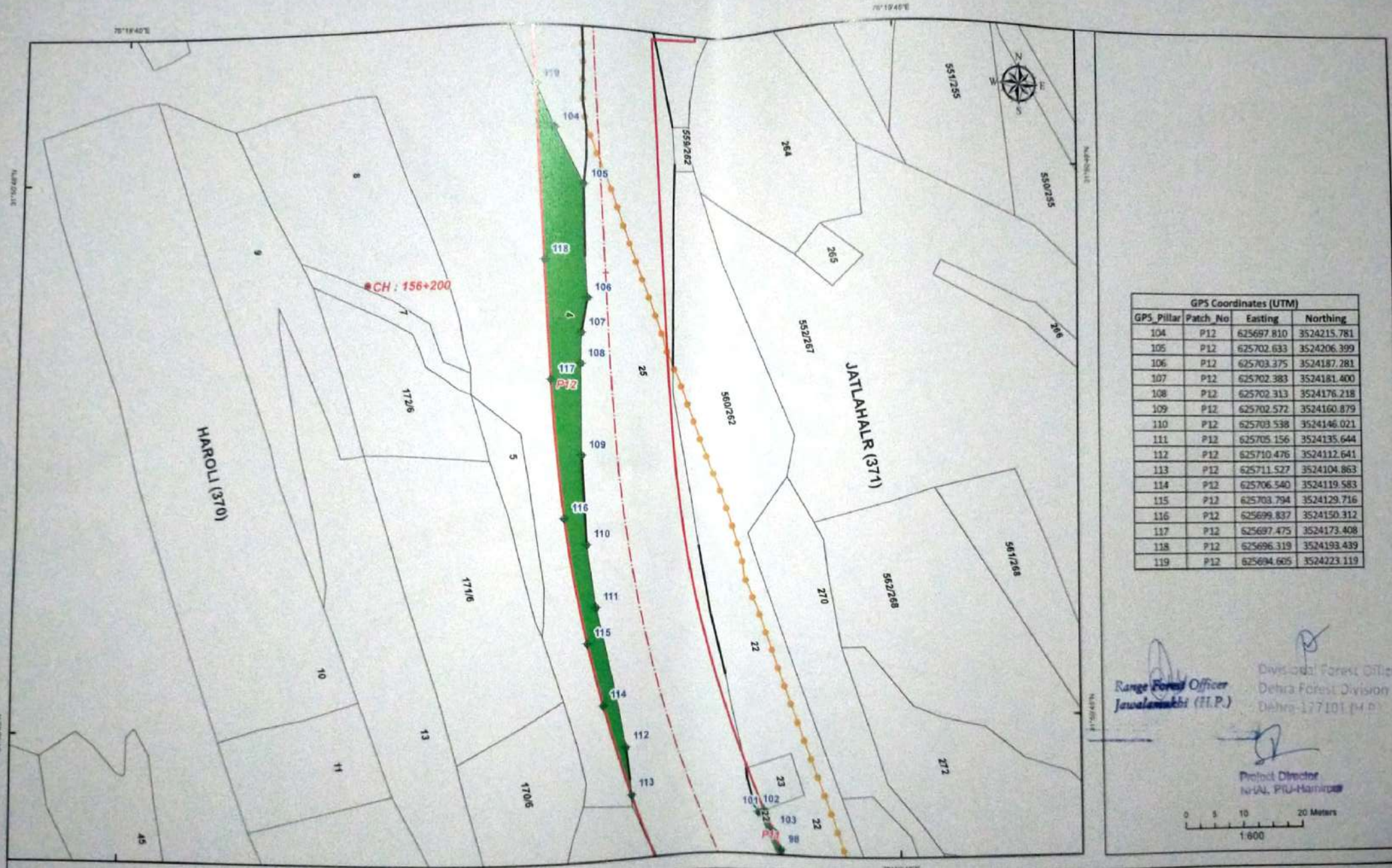
- GPS Pillar
- Proposed ROW
- Existing ROW
- Proposed Centreline
- Khasra boundary
- Village boundary
- Forest area

Intercontinental Consultants
and Technocrats Pvt. Ltd.

NATIONAL HIGHWAY AUTHORITY OF INDIA

Project: Rehabilitation and Upgrading of Existing Road to 2 Lane with Paved Shoulder from End of Hamirpur bypass (Near Village Chil Bahal) to Bhangbar Section via Jawalamukhi of NH-88 (New NH-3 & NH-303) (Design Chainage- Km 138+295 to Km 175+270, Design Length-36.975 Km) in the State of Himachal Pradesh under NH(O) on HAM Mode (Package IV)

DGPS Mapping
Tehsil: Jawalamukhi, District: Kangra
SHEET: 08



GPS Coordinates (UTM)			
GPS Pillar	Patch No	Easting	Northing
104	P12	625697.810	3524215.781
105	P12	625702.633	3524206.399
106	P12	625703.375	3524187.281
107	P12	625702.383	3524181.400
108	P12	625702.313	3524176.218
109	P12	625702.572	3524160.879
110	P12	625703.538	3524146.021
111	P12	625705.156	3524135.644
112	P12	625710.476	3524112.641
113	P12	625711.527	3524104.863
114	P12	625706.540	3524119.583
115	P12	625703.794	3524129.716
116	P12	625699.837	3524150.312
117	P12	625697.475	3524173.408
118	P12	625696.319	3524193.439
119	P12	625694.605	3524223.119

Range Forest Officer
Jwalamukhi (H.P.)

Divisional Forest Officer
Dehra Forest Division
Dehra-177101 (H.P.)

Project Director
NHAI, P.U.-Hamirpur

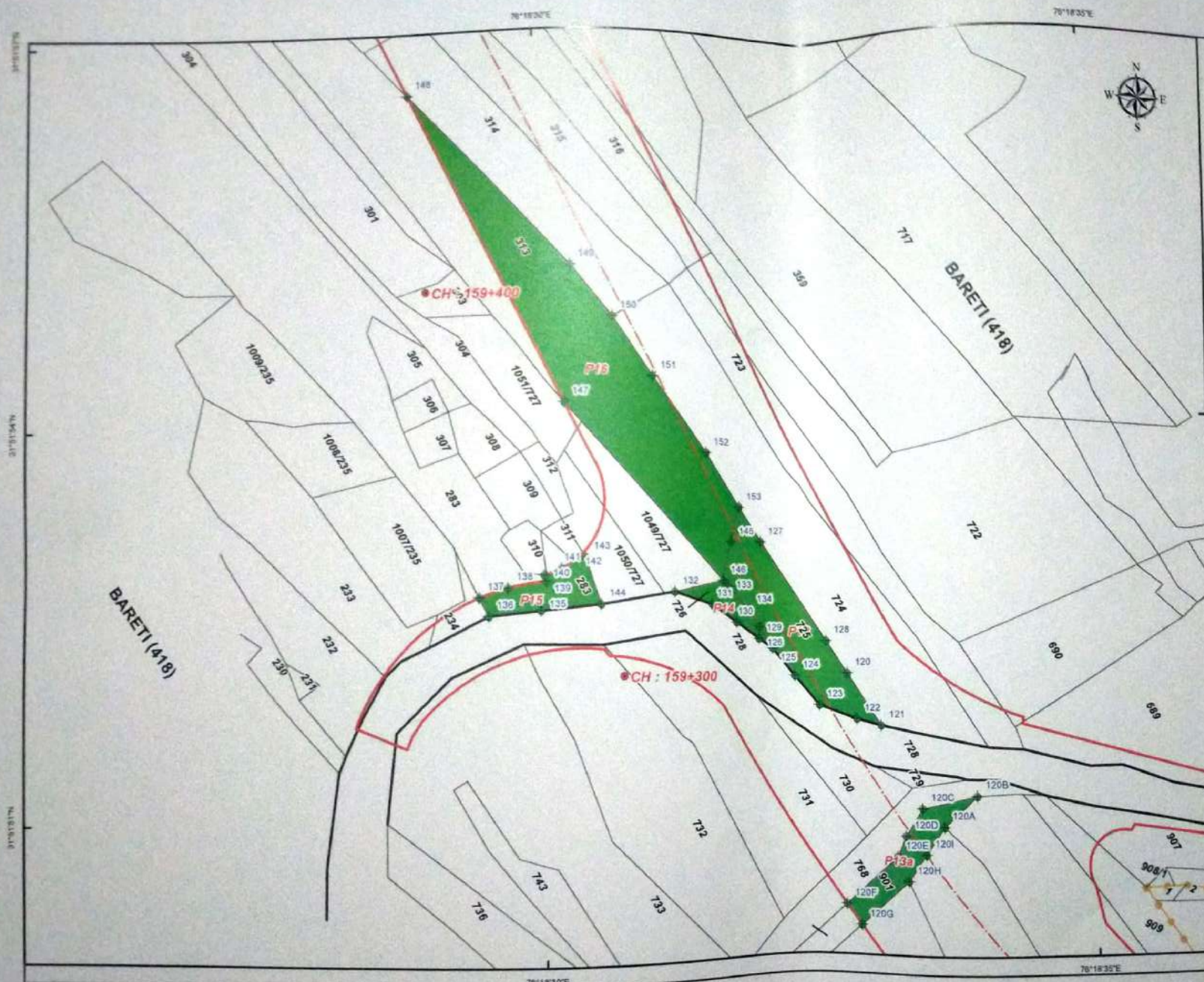
Intercontinental Consultants and Technocrats Pvt. Ltd.

NATIONAL HIGHWAY AUTHORITY OF INDIA

Project:

Rehabilitation and Upgrading of Existing Road to 2 Lane with Paved Shoulder from End of Hamirpur bypass (Near Village Chil Bahal) to Bhangbar Section via Jwalamukhi of NH-88 (New NH-3 & NH-303) (Design Chainage- Km 138+295 to Km 176+270, Design Length-36.975 Km) in the State of Himachal Pradesh under NH(O) on HAM Mode (Package IV)

DGPS Mapping
Tehsil: Jwalamukhi, District: Kangra
SHEET: 06



GPS Coordinates (UTM)			
GPS Pillar	Patch No	Easting	Northing
120A	P13a	623856.642	3526122.374
120B	P13a	623864.444	3526129.648
120C	P13a	623851.650	3526126.696
120D	P13a	623847.609	3526120.262
120E	P13a	623845.528	3526115.404
120F	P13a	623833.117	3526104.064
121G	P13a	623836.657	3526099.264
120H	P13a	623848.118	3526109.632
120I	P13a	623852.324	3526115.919
120	P13	623833.904	3526158.719
121	P13	623842.106	3526146.305
122	P13	623836.183	3526147.762
123	P13	623827.028	3526151.055
124	P13	623821.166	3526158.130
125	P13	623815.738	3526164.682
126	P13	623812.436	3526169.811
127	P13	623812.892	3526190.299
128	P13	623828.809	3526166.431
129	P14	623812.275	3526167.040
130	P14	623806.610	3526170.898
131	P14	623800.387	3526175.135
132	P14	623791.345	3526177.986
133	P14	623804.664	3526179.345
134	P14	623809.847	3526173.832
135	P15	623760.082	3526173.595
136	P15	623747.934	3526172.323
137	P15	623745.731	3526176.636
138	P15	623752.458	3526178.904
139	P15	623761.198	3526180.415
140	P15	623760.949	3526181.875
141	P15	623764.928	3526183.333
142	P15	623768.470	3526185.661
143	P15	623770.497	3526185.987
144	P15	623774.085	3526175.063
145	P16	623805.452	3526190.002
146	P16	623803.278	3526180.819
147	P16	623765.798	3526222.394
148	P16	623728.698	3526295.961
149	P16	623767.513	3526254.771
150	P16	623777.227	3526242.730
151	P16	623786.545	3526228.899
152	P16	623799.311	3526211.139
153	P16	623807.453	3526198.455

Range Forest Officer

 Jawalamukhi (H.P.)

 Project Director

 NHAI, PIU-Hamirpur

 40 Meters

 1:945

 Divisional Forest Officer

 Dehra Forest Division

 Dehra-177101

Legend

- GPS Pillar
- Proposed ROW
- Existing ROW
- Proposed Centreline
- Khasra boundary
- Village boundary
- Forest area

Project:

Rehabilitation and Upgrading of Existing Road to 2 Lane with Paved Shoulder from End of Hamirpur bypass (Near Village Chh Bahal) to Bhangbar Section via Jawalamukhi of NH-88 (New NH-3 & NH-303) (Design Chainage- Km 138+295 to Km 175+270, Design Length-36.975 Km) in the State of Himachal Pradesh under NH(O) on HAM Mode (Package IV)

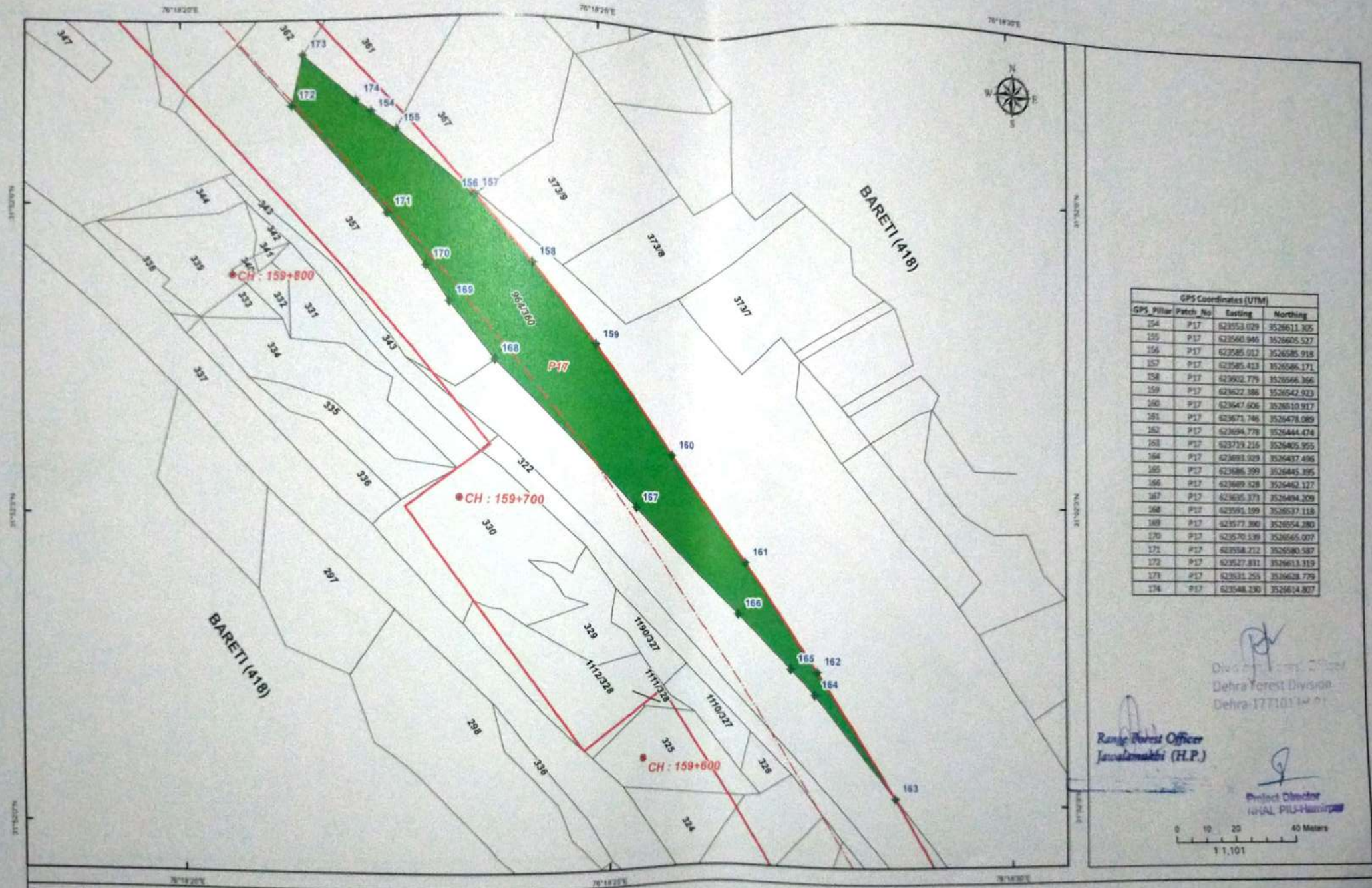
DGPS Mapping

Tehsil: Jawalamukhi, District: Kangra

 SHEET: 87

Intercontinental Consultants and Technocrats Pvt. Ltd.

 NATIONAL HIGHWAY AUTHORITY OF INDIA



GPS Pillar	Patch No	Easting	Northing
154	P17	623553.029	3528611.305
155	P17	623560.946	3528605.527
156	P17	623585.912	3528585.918
157	P17	623585.413	3528586.171
158	P17	623602.779	3528566.366
159	P17	623627.386	3528542.923
160	P17	623647.606	3528510.917
161	P17	623671.746	3528478.089
162	P17	623694.778	3528444.474
163	P17	623719.216	3528405.955
164	P17	623693.329	3528437.496
165	P17	623686.399	3528445.395
166	P17	623689.328	3528462.127
167	P17	623695.373	3528494.209
168	P17	623695.199	3528527.118
169	P17	623577.380	3528554.280
170	P17	623570.139	3528565.007
171	P17	623558.212	3528580.587
172	P17	623527.831	3528613.319
173	P17	623531.255	3528628.779
174	P17	623548.290	3528614.807

Dehra Forest Division
Dehra-177101

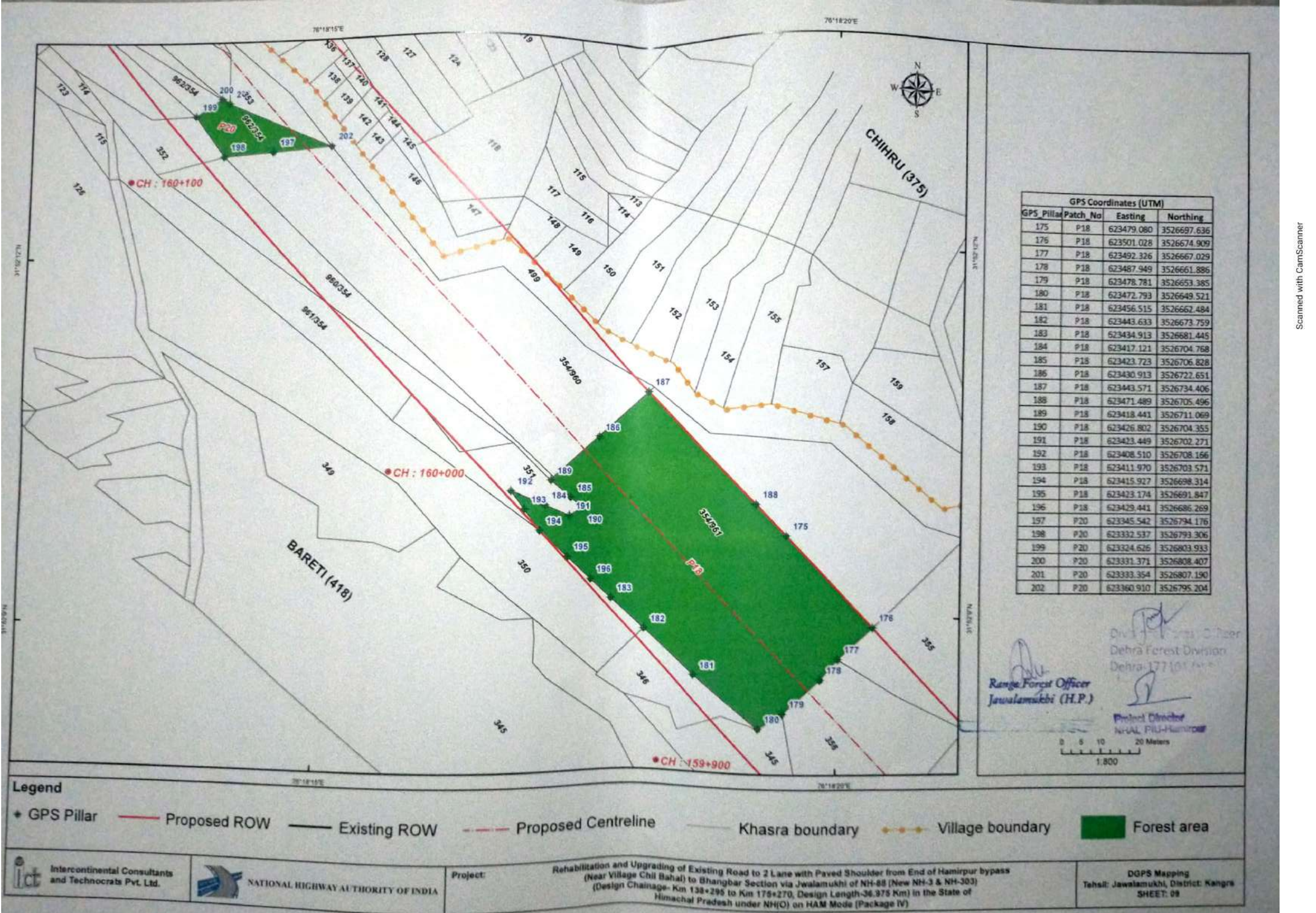
Range Forest Officer
Jawalamukhi (H.P.)

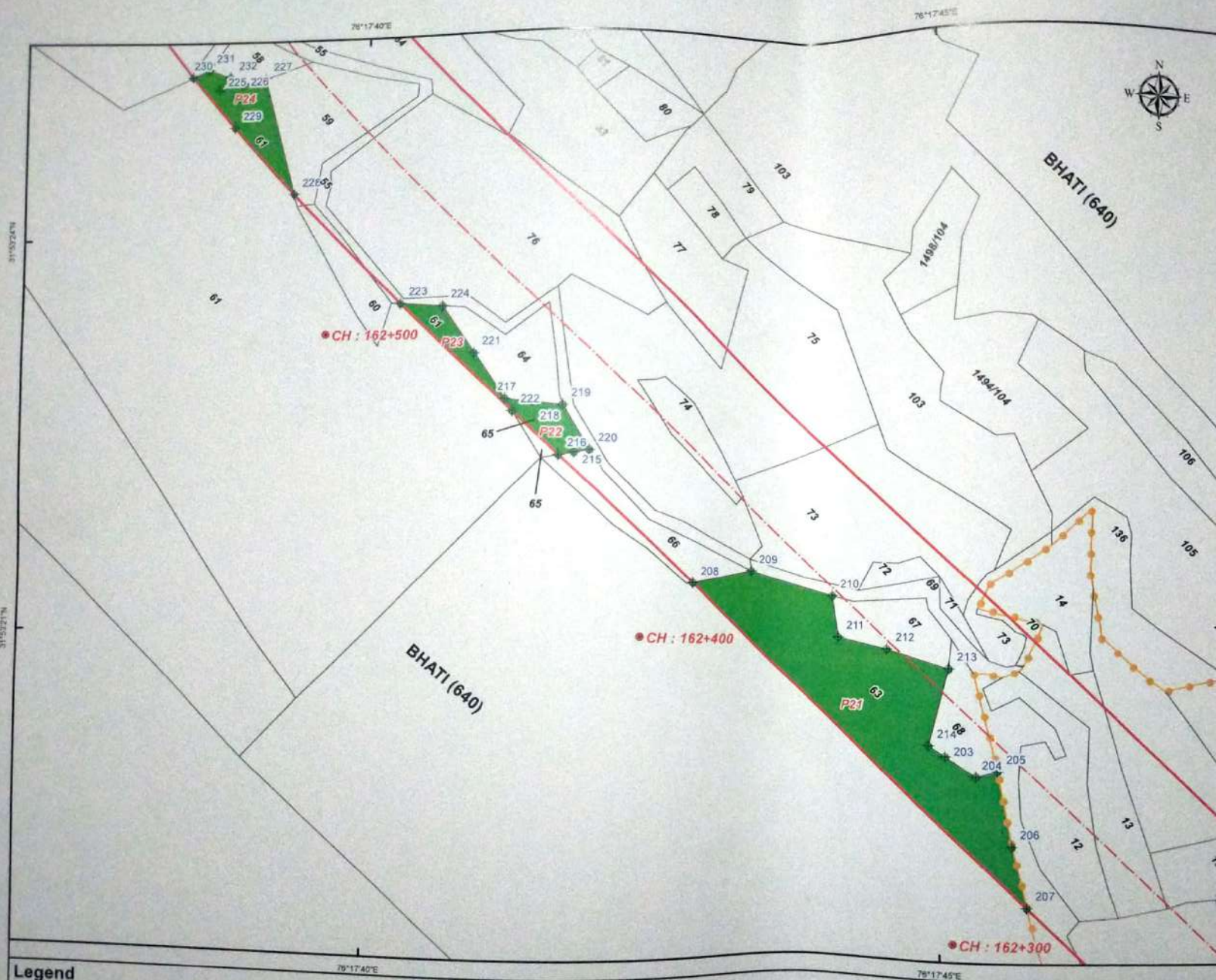
Project Director
Rajal, P.H. Hamirpur

0 10 20 40 Meters
1:1,101

Legend

- GPS Pillar
- Proposed ROW
- Existing ROW
- Proposed Centreline
- Khasra boundary
- Village boundary
- Forest area





GPS Coordinates (UTM)			
GPS Pillar	Patch No	Easting	Northing
203	P21	622547.461	3528853.328
204	P21	622554.205	3528848.903
205	P21	622558.911	3528850.285
206	P21	622562.077	3528833.238
207	P21	622565.514	3528819.349
208	P21	622488.538	3528892.433
209	P21	622502.621	3528895.499
210	P21	622521.631	3528890.000
211	P21	622523.147	3528880.364
212	P21	622534.323	3528877.795
213	P21	622548.079	3528873.548
214	P21	622543.762	3528855.756
215	P22	622461.444	3528921.992
216	P22	622458.047	3528921.382
217	P22	622445.804	3528934.167
218	P22	622451.978	3528933.537
219	P22	622458.868	3528932.833
220	P22	622464.929	3528922.619
221	P23	622438.516	3528944.856
222	P23	622447.512	3528931.385
223	P23	622421.315	3528956.572
224	P23	622431.141	3528955.900
225	P24	622376.661	3529008.924
226	P24	622382.089	3529010.217
227	P24	622387.545	3529011.515
228	P24	622395.324	3528983.161
229	P24	622380.577	3528999.633
230	P24	622370.224	3529012.123
231	P24	622374.001	3529013.855
232	P24	622379.123	3529011.979

Range Forest Officer
Jwalamukhi (H.P.)

Project Director
NHAI, PIU-Hamirpur

Dehra Forest Division
Dehra-177101

Scale: 1:924

0 10 20 40 Meters