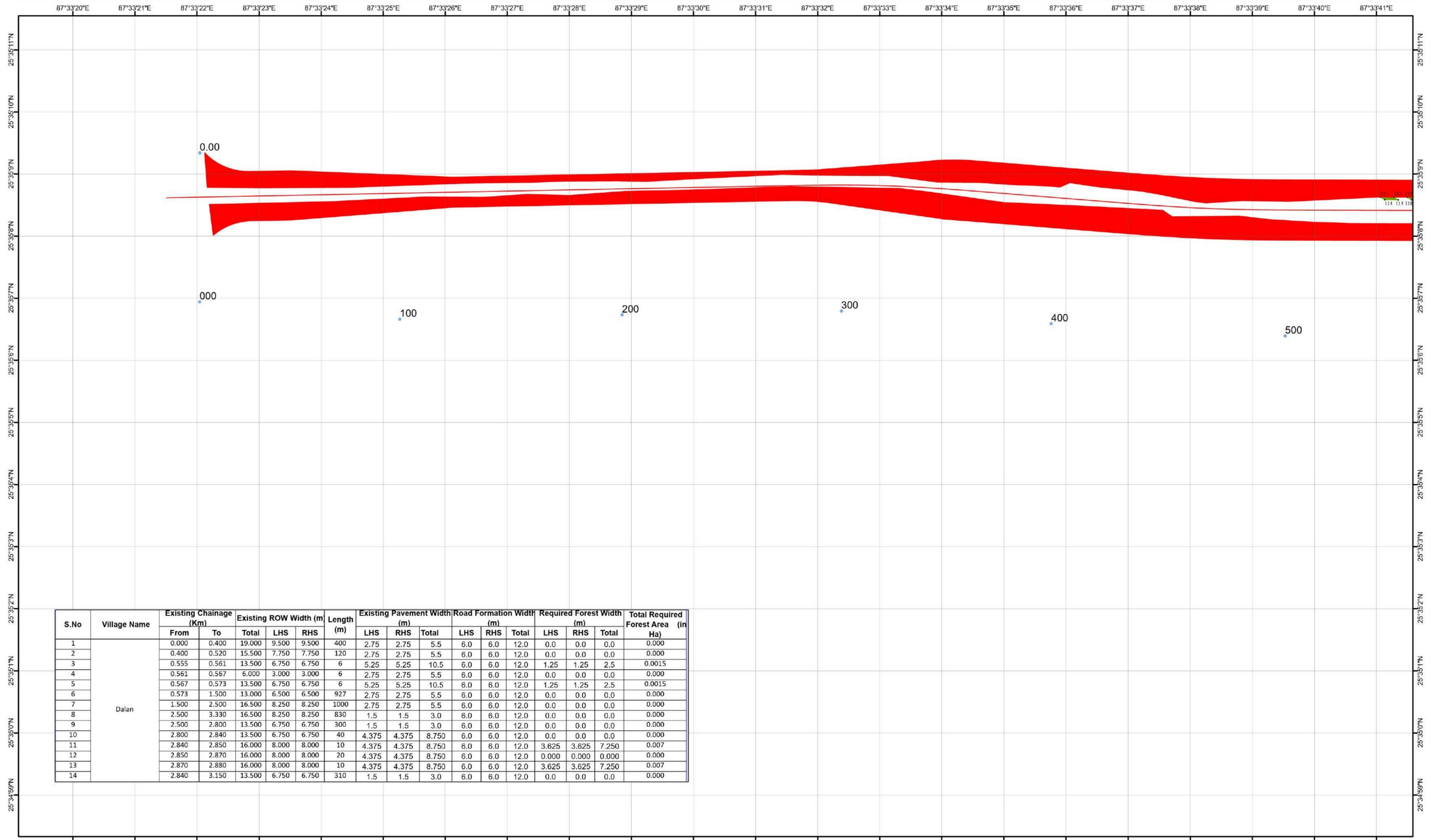


Digital GIS Map of Proposed Katihar-Balrampur Section of SH-98 (from Ch. 00+000 to Ch. 65+100)



S.No	Village Name	Existing Chainage (Km)		Existing ROW Width (m)			Length (m)	Existing Pavement Width (m)			Road Formation Width (m)			Required Forest Width (m)			Total Required Forest Area (in Ha)
		From	To	Total	LHS	RHS		LHS	RHS	Total	LHS	RHS	Total	LHS	RHS	Total	
1	Dalan	0.000	0.400	19.000	9.500	9.500	400	2.75	2.75	5.5	6.0	6.0	12.0	0.0	0.0	0.0	0.000
2		0.400	0.520	15.500	7.750	7.750	120	2.75	2.75	5.5	6.0	6.0	12.0	0.0	0.0	0.0	0.000
3		0.555	0.561	13.500	6.750	6.750	6	5.25	5.25	10.5	6.0	6.0	12.0	1.25	1.25	2.5	0.0015
4		0.561	0.567	6.000	3.000	3.000	6	2.75	2.75	5.5	6.0	6.0	12.0	0.0	0.0	0.0	0.000
5		0.567	0.573	13.500	6.750	6.750	6	5.25	5.25	10.5	6.0	6.0	12.0	1.25	1.25	2.5	0.0015
6		0.573	1.500	13.000	6.500	6.500	927	2.75	2.75	5.5	6.0	6.0	12.0	0.0	0.0	0.0	0.000
7		1.500	2.500	16.500	8.250	8.250	1000	2.75	2.75	5.5	6.0	6.0	12.0	0.0	0.0	0.0	0.000
8		2.500	3.330	16.500	8.250	8.250	830	1.5	1.5	3.0	6.0	6.0	12.0	0.0	0.0	0.0	0.000
9		2.500	2.800	13.500	6.750	6.750	300	1.5	1.5	3.0	6.0	6.0	12.0	0.0	0.0	0.0	0.000
10		2.800	2.840	13.500	6.750	6.750	40	4.375	4.375	8.750	6.0	6.0	12.0	0.0	0.0	0.0	0.000
11		2.840	2.850	16.000	8.000	8.000	10	4.375	4.375	8.750	6.0	6.0	12.0	3.625	3.625	7.250	0.007
12		2.850	2.870	16.000	8.000	8.000	20	4.375	4.375	8.750	6.0	6.0	12.0	0.000	0.000	0.000	0.000
13		2.870	2.880	16.000	8.000	8.000	10	4.375	4.375	8.750	6.0	6.0	12.0	3.625	3.625	7.250	0.007
14		2.840	3.150	13.500	6.750	6.750	310	1.5	1.5	3.0	6.0	6.0	12.0	0.0	0.0	0.0	0.000

USER AGENCY



D.G.M. (Tech.)
BSRDCL
PIU-Katihar at Purnea
BSRDC Patna
Bihar State Road Development Corporation Ltd. Patna

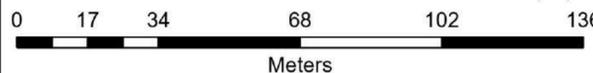
CONSULTANT



Egis India Consulting Engineers Pvt Ltd.
Egis Tower , Plot No. 66, Sector-32,
Gurgaon, Haryana-122001, India

MAP SCALE

1:1,200 @A2



Meters

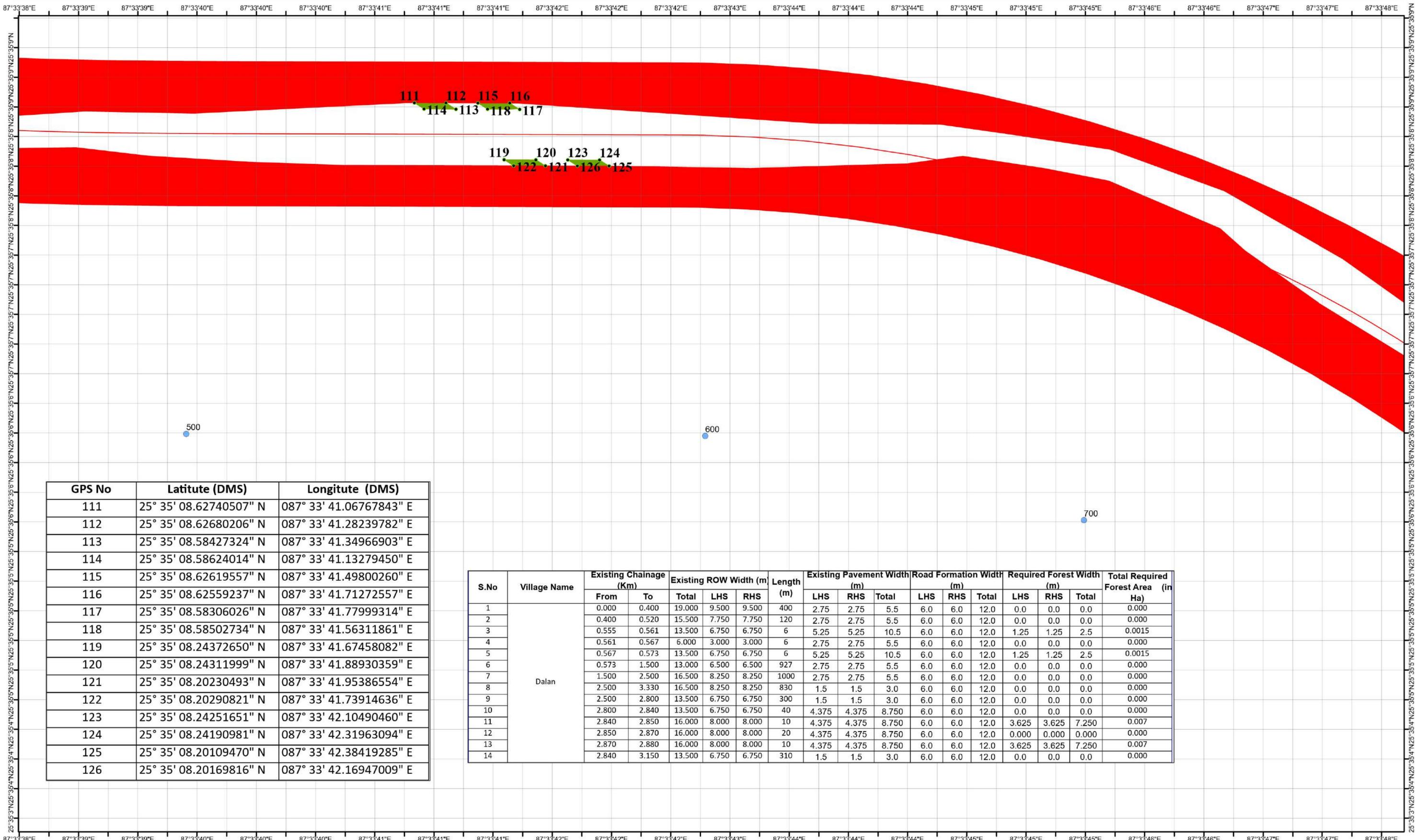
LEGEND

- Chainages
- GPS Co-ordinates
- Road Center Line
- Non Forest Land
- Protect Forest Land

PROJECT

Upgradation of Katihar-Balrampur Section of SH-98 from Existing Km 0.000 to Km 65.100 into 2-Lane in Katihar District in the State of Bihar

Digital GIS Map of Proposed Katihar-Balrampur Section of SH-98 (from Ch. 00+000 to Ch. 65+100)



GPS No	Latitute (DMS)	Longitute (DMS)
111	25° 35' 08.62740507" N	087° 33' 41.06767843" E
112	25° 35' 08.62680206" N	087° 33' 41.28239782" E
113	25° 35' 08.58427324" N	087° 33' 41.34966903" E
114	25° 35' 08.58624014" N	087° 33' 41.13279450" E
115	25° 35' 08.62619557" N	087° 33' 41.49800260" E
116	25° 35' 08.62559237" N	087° 33' 41.71272557" E
117	25° 35' 08.58306026" N	087° 33' 41.77999314" E
118	25° 35' 08.58502734" N	087° 33' 41.56311861" E
119	25° 35' 08.24372650" N	087° 33' 41.67458082" E
120	25° 35' 08.24311999" N	087° 33' 41.88930359" E
121	25° 35' 08.20230493" N	087° 33' 41.95386554" E
122	25° 35' 08.20290821" N	087° 33' 41.73914636" E
123	25° 35' 08.24251651" N	087° 33' 42.10490460" E
124	25° 35' 08.24190981" N	087° 33' 42.31963094" E
125	25° 35' 08.20109470" N	087° 33' 42.38419285" E
126	25° 35' 08.20169816" N	087° 33' 42.16947009" E

S.No	Village Name	Existing Chainage (Km)		Existing ROW Width (m)			Length (m)	Existing Pavement Width (m)			Road Formation Width (m)			Required Forest Width (m)			Total Required Forest Area (in Ha)
		From	To	Total	LHS	RHS		LHS	RHS	Total	LHS	RHS	Total	LHS	RHS	Total	
1	Dalan	0.000	0.400	19.000	9.500	9.500	400	2.75	2.75	5.5	6.0	6.0	12.0	0.0	0.0	0.0	0.000
2		0.400	0.520	15.500	7.750	7.750	120	2.75	2.75	5.5	6.0	6.0	12.0	0.0	0.0	0.0	0.000
3		0.555	0.561	13.500	6.750	6.750	6	5.25	5.25	10.5	6.0	6.0	12.0	1.25	1.25	2.5	0.0015
4		0.561	0.567	6.000	3.000	3.000	6	2.75	2.75	5.5	6.0	6.0	12.0	0.0	0.0	0.0	0.000
5		0.567	0.573	13.500	6.750	6.750	6	5.25	5.25	10.5	6.0	6.0	12.0	1.25	1.25	2.5	0.0015
6		0.573	1.500	13.000	6.500	6.500	927	2.75	2.75	5.5	6.0	6.0	12.0	0.0	0.0	0.0	0.000
7		1.500	2.500	16.500	8.250	8.250	1000	2.75	2.75	5.5	6.0	6.0	12.0	0.0	0.0	0.0	0.000
8		2.500	3.330	16.500	8.250	8.250	830	1.5	1.5	3.0	6.0	6.0	12.0	0.0	0.0	0.0	0.000
9		2.500	2.800	13.500	6.750	6.750	300	1.5	1.5	3.0	6.0	6.0	12.0	0.0	0.0	0.0	0.000
10		2.800	2.840	13.500	6.750	6.750	40	4.375	4.375	8.750	6.0	6.0	12.0	0.0	0.0	0.0	0.000
11		2.840	2.850	16.000	8.000	8.000	10	4.375	4.375	8.750	6.0	6.0	12.0	3.625	3.625	7.250	0.007
12		2.850	2.870	16.000	8.000	8.000	20	4.375	4.375	8.750	6.0	6.0	12.0	0.000	0.000	0.000	0.000
13		2.870	2.880	16.000	8.000	8.000	10	4.375	4.375	8.750	6.0	6.0	12.0	3.625	3.625	7.250	0.007
14		2.840	3.150	13.500	6.750	6.750	310	1.5	1.5	3.0	6.0	6.0	12.0	0.0	0.0	0.0	0.000

USER AGENCY



D.G.M. (Tech.)
BSRDCL
PIU-Katihar at Patna
BSRDC Patna
Bihar State Road Development Corporation Ltd. Patna

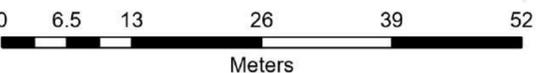
CONSULTANT



Egis India Consulting Engineers Pvt Ltd.
Egis Tower , Plot No. 66, Sector-32,
Gurgaon, Haryana-122001, India

MAP SCALE

1:500 @A2



Meters

LEGEND

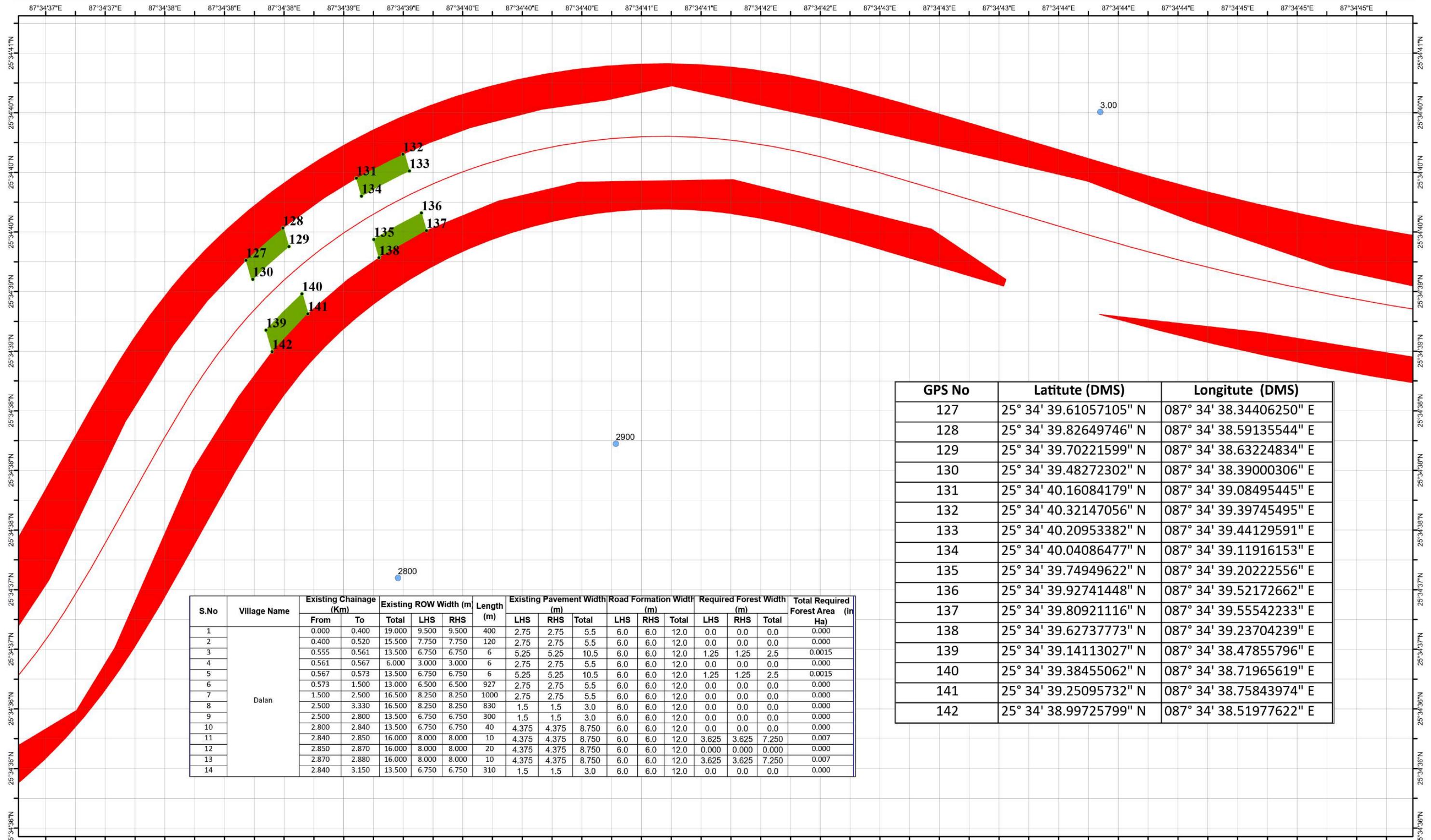
- GPS Co-ordinates
- Road Center Line
- Chainages
- Non Forest Land
- Protect Forest Land

PROJECT

Upgradation of Katihar-Balrampur Section of SH-98 from Existing Km 0.000 to Km 65.100 into 2-Lane in Katihar District in the State of Bihar

Protected Forest in Katihar Division

Digital GIS Map of Proposed Katihar-Balrampur Section of SH-98 (from Ch. 00+000 to Ch. 65+100)



S.No	Village Name	Existing Chainage (Km)		Existing ROW Width (m)			Length (m)	Existing Pavement Width (m)			Road Formation Width (m)			Required Forest Width (m)			Total Required Forest Area (in Ha)
		From	To	Total	LHS	RHS		LHS	RHS	Total	LHS	RHS	Total	LHS	RHS	Total	
1	Dalan	0.000	0.400	19.000	9.500	9.500	400	2.75	2.75	5.5	6.0	6.0	12.0	0.0	0.0	0.0	0.000
2		0.400	0.520	15.500	7.750	7.750	120	2.75	2.75	5.5	6.0	6.0	12.0	0.0	0.0	0.0	0.000
3		0.555	0.561	13.500	6.750	6.750	6	5.25	5.25	10.5	6.0	6.0	12.0	1.25	1.25	2.5	0.0015
4		0.561	0.567	6.000	3.000	3.000	6	2.75	2.75	5.5	6.0	6.0	12.0	0.0	0.0	0.0	0.000
5		0.567	0.573	13.500	6.750	6.750	6	5.25	5.25	10.5	6.0	6.0	12.0	1.25	1.25	2.5	0.0015
6		0.573	1.500	13.000	6.500	6.500	927	2.75	2.75	5.5	6.0	6.0	12.0	0.0	0.0	0.0	0.000
7		1.500	2.500	16.500	8.250	8.250	1000	2.75	2.75	5.5	6.0	6.0	12.0	0.0	0.0	0.0	0.000
8		2.500	3.330	16.500	8.250	8.250	830	1.5	1.5	3.0	6.0	6.0	12.0	0.0	0.0	0.0	0.000
9		2.500	2.800	13.500	6.750	6.750	300	1.5	1.5	3.0	6.0	6.0	12.0	0.0	0.0	0.0	0.000
10		2.800	2.840	13.500	6.750	6.750	40	4.375	4.375	8.750	6.0	6.0	12.0	0.0	0.0	0.0	0.000
11		2.840	2.850	16.000	8.000	8.000	10	4.375	4.375	8.750	6.0	6.0	12.0	3.625	3.625	7.250	0.007
12		2.850	2.870	16.000	8.000	8.000	20	4.375	4.375	8.750	6.0	6.0	12.0	0.000	0.000	0.000	0.000
13		2.870	2.880	16.000	8.000	8.000	10	4.375	4.375	8.750	6.0	6.0	12.0	3.625	3.625	7.250	0.007
14		2.840	3.150	13.500	6.750	6.750	310	1.5	1.5	3.0	6.0	6.0	12.0	0.0	0.0	0.0	0.000

GPS No	Latitute (DMS)	Longitute (DMS)
127	25° 34' 39.61057105" N	087° 34' 38.34406250" E
128	25° 34' 39.82649746" N	087° 34' 38.59135544" E
129	25° 34' 39.70221599" N	087° 34' 38.63224834" E
130	25° 34' 39.48272302" N	087° 34' 38.39000306" E
131	25° 34' 40.16084179" N	087° 34' 39.08495445" E
132	25° 34' 40.32147056" N	087° 34' 39.39745495" E
133	25° 34' 40.20953382" N	087° 34' 39.44129591" E
134	25° 34' 40.04086477" N	087° 34' 39.11916153" E
135	25° 34' 39.74949622" N	087° 34' 39.20222556" E
136	25° 34' 39.92741448" N	087° 34' 39.52172662" E
137	25° 34' 39.80921116" N	087° 34' 39.55542233" E
138	25° 34' 39.62737773" N	087° 34' 39.23704239" E
139	25° 34' 39.14113027" N	087° 34' 38.47855796" E
140	25° 34' 39.38455062" N	087° 34' 38.71965619" E
141	25° 34' 39.25095732" N	087° 34' 38.75843974" E
142	25° 34' 38.99725799" N	087° 34' 38.51977622" E

USER AGENCY



D.G.M. (Tech.)
BSRDCL
PIU-Katihar at Purnea

BSRDC Patna
Bihar State Road Development Corporation Ltd. Patna

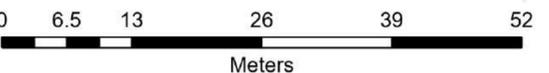
CONSULTANT



Egis India Consulting Engineers Pvt Ltd.
Egis Tower , Plot No. 66, Sector-32,
Gurgaon, Haryana-122001, India

MAP SCALE

1:500 @A2



Meters

LEGEND

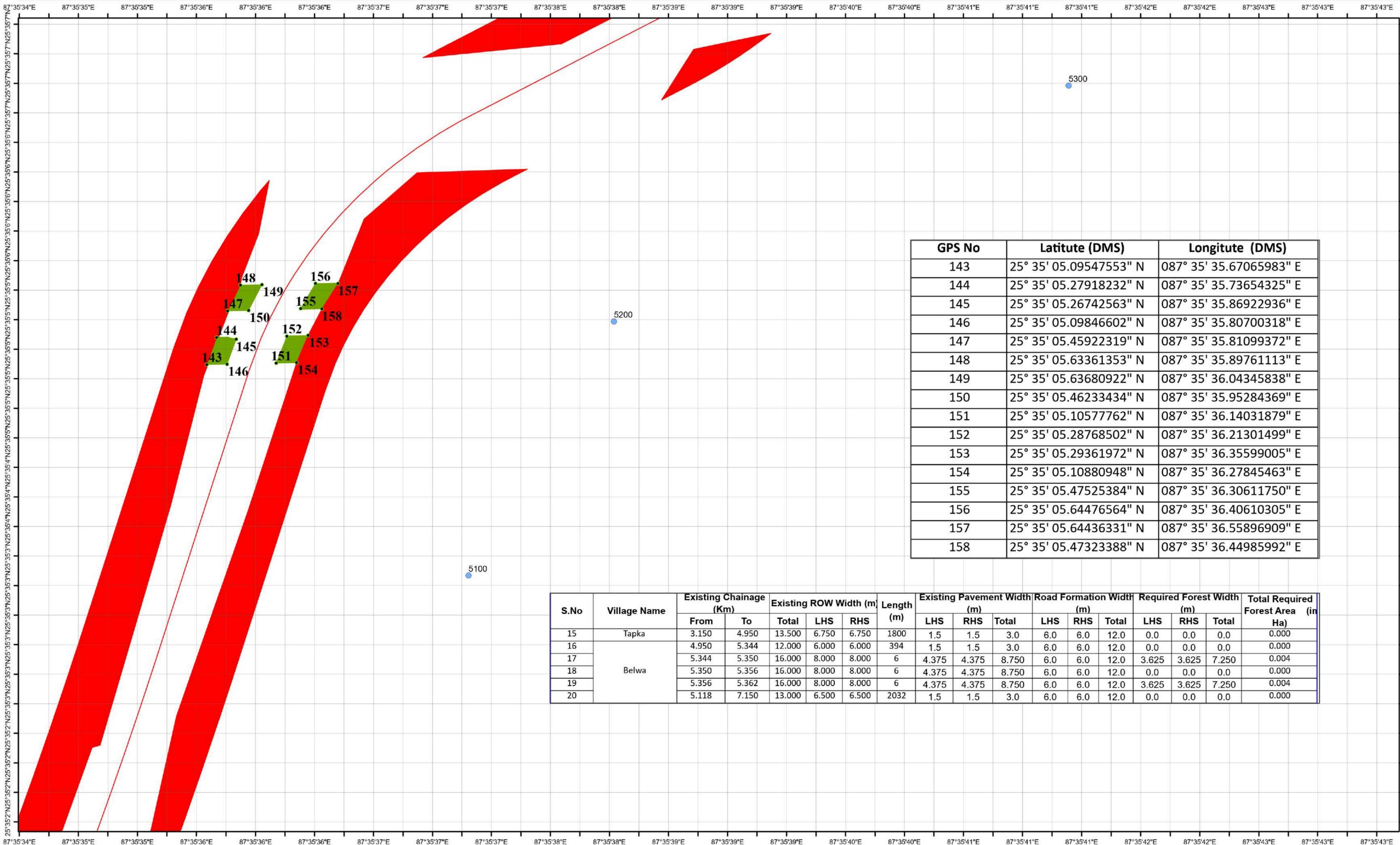
- GPS Co-ordinates
- Road Center Line
- Chainages
- Non Forest Land
- Protect Forest Land

PROJECT

Upgradation of Katihar-Balrampur Section of SH-98 from Existing Km 0.000 to Km 65.100 into 2-Lane in Katihar District in the State of Bihar

Protected Forest in Katihar Division

Digital GIS Map of Proposed Katihar-Balrampur Section of SH-98 (from Ch. 00+000 to Ch. 65+100)



GPS No	Latitute (DMS)	Longitute (DMS)
143	25° 35' 05.09547553" N	087° 35' 35.67065983" E
144	25° 35' 05.27918232" N	087° 35' 35.73654325" E
145	25° 35' 05.26742563" N	087° 35' 35.86922936" E
146	25° 35' 05.09846602" N	087° 35' 35.80700318" E
147	25° 35' 05.45922319" N	087° 35' 35.81099372" E
148	25° 35' 05.63361353" N	087° 35' 35.89761113" E
149	25° 35' 05.63680922" N	087° 35' 36.04345838" E
150	25° 35' 05.46233434" N	087° 35' 35.95284369" E
151	25° 35' 05.10577762" N	087° 35' 36.14031879" E
152	25° 35' 05.28768502" N	087° 35' 36.21301499" E
153	25° 35' 05.29361972" N	087° 35' 36.35599005" E
154	25° 35' 05.10880948" N	087° 35' 36.27845463" E
155	25° 35' 05.47525384" N	087° 35' 36.30611750" E
156	25° 35' 05.64476564" N	087° 35' 36.40610305" E
157	25° 35' 05.64436331" N	087° 35' 36.55896909" E
158	25° 35' 05.47323388" N	087° 35' 36.44985992" E

S.No	Village Name	Existing Chainage (Km)		Existing ROW Width (m)			Length (m)	Existing Pavement Width (m)			Road Formation Width (m)			Required Forest Width (m)			Total Required Forest Area (in Ha)
		From	To	Total	LHS	RHS		LHS	RHS	Total	LHS	RHS	Total	LHS	RHS	Total	
15	Tapka	3.150	4.950	13.500	6.750	6.750	1800	1.5	1.5	3.0	6.0	6.0	12.0	0.0	0.0	0.0	0.000
16	Belwa	4.950	5.344	12.000	6.000	6.000	394	1.5	1.5	3.0	6.0	6.0	12.0	0.0	0.0	0.0	0.000
17		5.344	5.350	16.000	8.000	8.000	6	4.375	4.375	8.750	6.0	6.0	12.0	3.625	3.625	7.250	0.004
18		5.350	5.356	16.000	8.000	8.000	6	4.375	4.375	8.750	6.0	6.0	12.0	0.0	0.0	0.0	0.000
19		5.356	5.362	16.000	8.000	8.000	6	4.375	4.375	8.750	6.0	6.0	12.0	3.625	3.625	7.250	0.004
20		5.118	7.150	13.000	6.500	6.500	2032	1.5	1.5	3.0	6.0	6.0	12.0	0.0	0.0	0.0	0.000

USER AGENCY



D.G.M. (Tech.)
BSRDCL
PIU-Katihar at Patna
BSRDC Patna
Bihar State Road Development Corporation Ltd. Patna

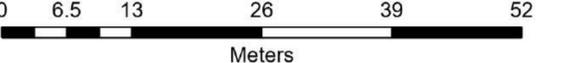
CONSULTANT



Egis India Consulting Engineers Pvt Ltd.
Egis Tower , Plot No. 66, Sector-32,
Gurgaon, Haryana-122001, India

MAP SCALE

1:500 @A2



Meters

LEGEND

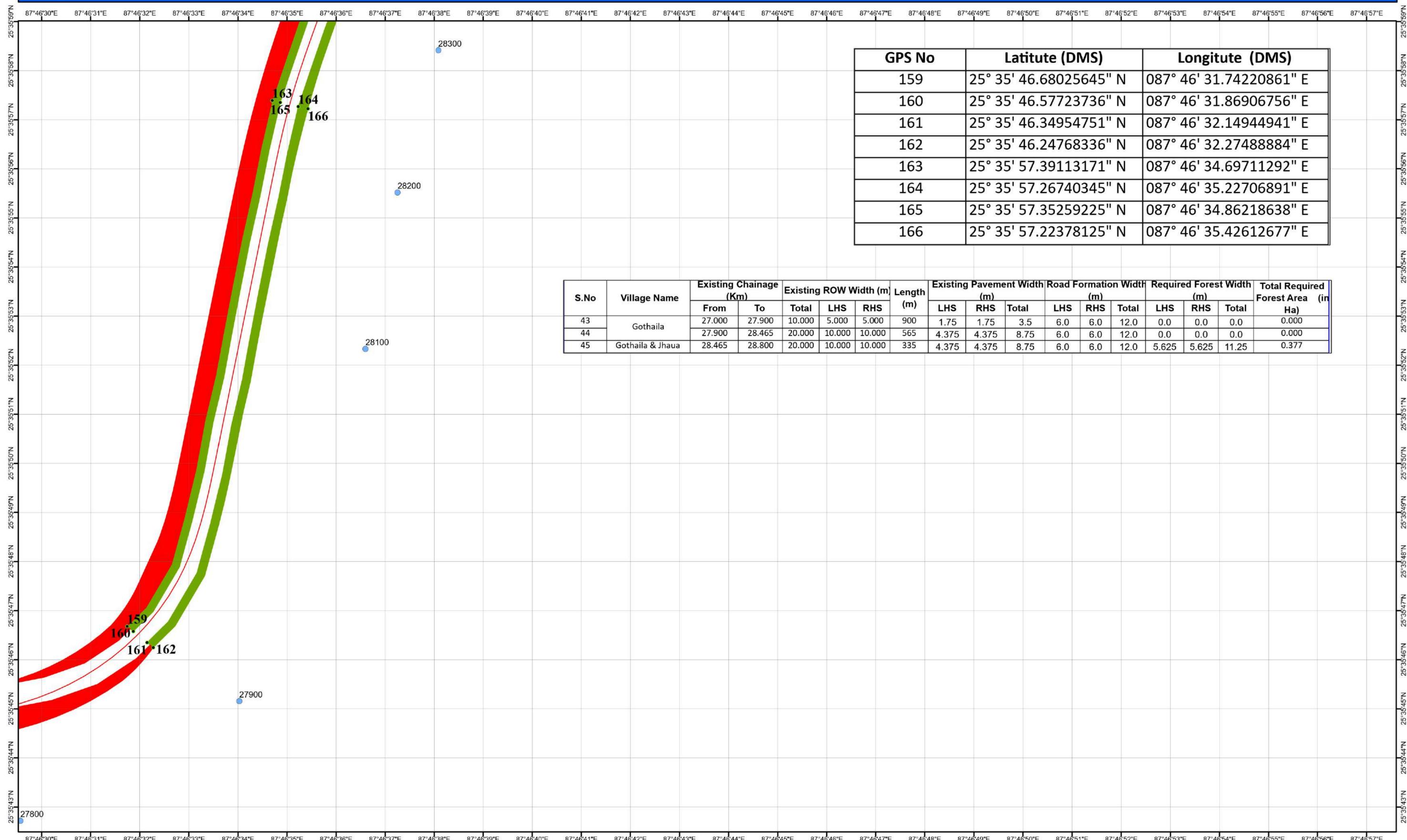
- GPS Co-ordinates
- Road Center Line
- Chainages
- Non Forest Land
- Protect Forest Land

PROJECT

Upgradation of Katihar-Balrampur Section of SH-98 from Existing Km 0.000 to Km 65.100 into 2-Lane in Katihar District in the State of Bihar

Protected Forest in Katihar Division

Digital GIS Map of Proposed Katihar-Balrampur Section of SH-98 (from Ch. 00+000 to Ch. 65+100)



GPS No	Latitute (DMS)	Longitute (DMS)
159	25° 35' 46.68025645" N	087° 46' 31.74220861" E
160	25° 35' 46.57723736" N	087° 46' 31.86906756" E
161	25° 35' 46.34954751" N	087° 46' 32.14944941" E
162	25° 35' 46.24768336" N	087° 46' 32.27488884" E
163	25° 35' 57.39113171" N	087° 46' 34.69711292" E
164	25° 35' 57.26740345" N	087° 46' 35.22706891" E
165	25° 35' 57.35259225" N	087° 46' 34.86218638" E
166	25° 35' 57.22378125" N	087° 46' 35.42612677" E

S.No	Village Name	Existing Chainage (Km)		Existing ROW Width (m)			Length (m)	Existing Pavement Width (m)			Road Formation Width (m)			Required Forest Width (m)			Total Required Forest Area (in Ha)
		From	To	Total	LHS	RHS		LHS	RHS	Total	LHS	RHS	Total	LHS	RHS	Total	
43	Gothaila	27.000	27.900	10.000	5.000	5.000	900	1.75	1.75	3.5	6.0	6.0	12.0	0.0	0.0	0.0	0.000
44		27.900	28.465	20.000	10.000	10.000	565	4.375	4.375	8.75	6.0	6.0	12.0	0.0	0.0	0.0	0.000
45	Gothaila & Jhausa	28.465	28.800	20.000	10.000	10.000	335	4.375	4.375	8.75	6.0	6.0	12.0	5.625	5.625	11.25	0.377

USER AGENCY



BSRDC Patna
Bihar State Road Development Corporation Ltd. Patna

H. K. R.
D.G.M. (Tech.)
BSRDCL
PIU-Katihar at Purnea
13.12.23

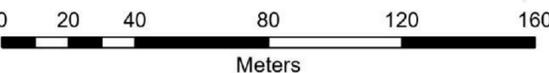
CONSULTANT



Egis India Consulting Engineers Pvt Ltd.
Egis Tower , Plot No. 66, Sector-32,
Gurgaon, Haryana-122001, India

MAP SCALE

1:1,500 @A2



Meters

LEGEND

- GPS Co-ordinates
- Road Center Line
- Chainages

Layer

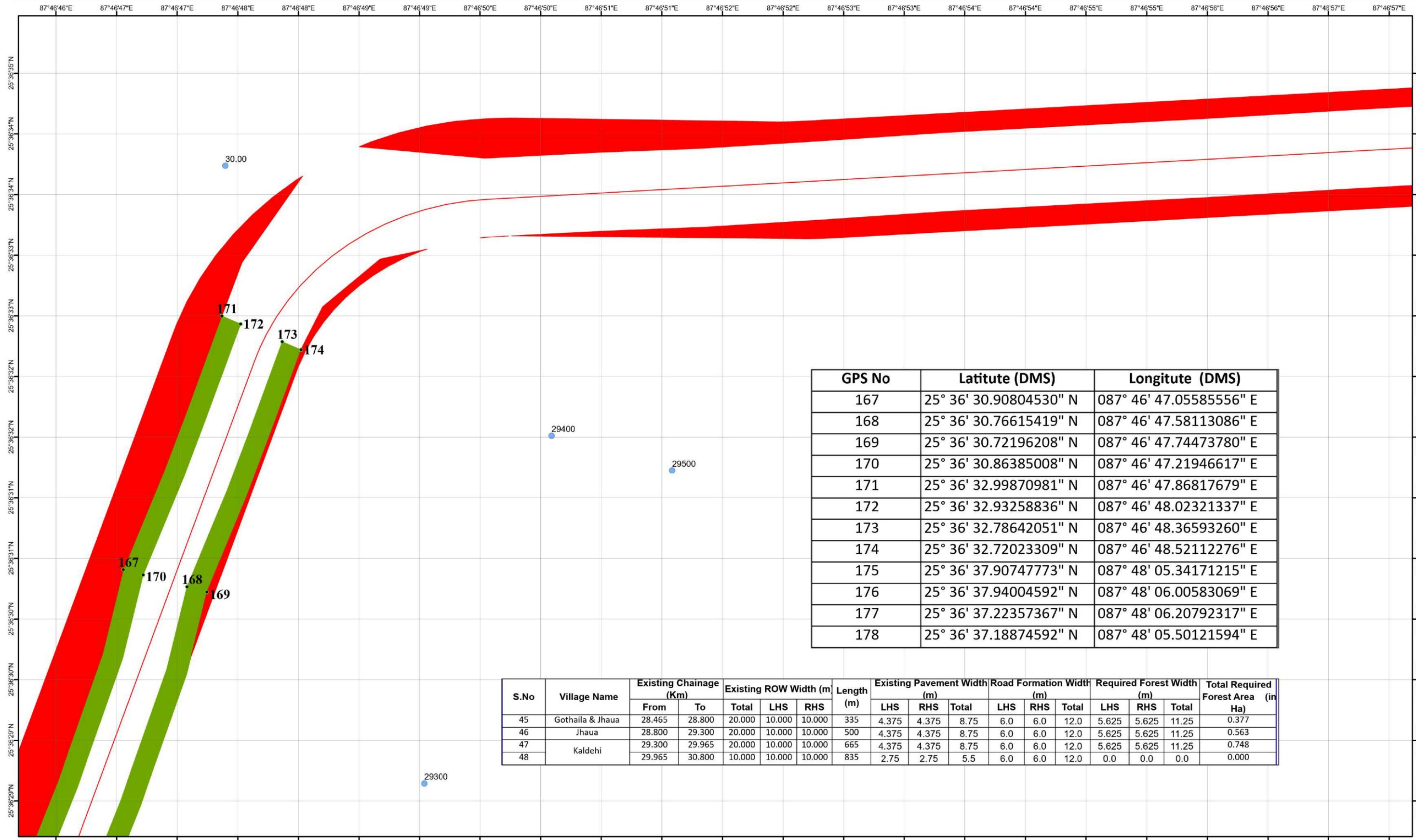
- Non Forest Land
- Protect Forest Land

PROJECT

Upgradation of Katihar-Balrampur Section of SH-98 from Existing Km 0.000 to Km 65.100 into 2-Lane in Katihar District in the State of Bihar

Protected Forest in Katihar Division

Digital GIS Map of Proposed Katihar-Balrampur Section of SH-98 (from Ch. 00+000 to Ch. 65+100)



GPS No	Latitute (DMS)	Longitute (DMS)
167	25° 36' 30.90804530" N	087° 46' 47.05585556" E
168	25° 36' 30.76615419" N	087° 46' 47.58113086" E
169	25° 36' 30.72196208" N	087° 46' 47.74473780" E
170	25° 36' 30.86385008" N	087° 46' 47.21946617" E
171	25° 36' 32.99870981" N	087° 46' 47.86817679" E
172	25° 36' 32.93258836" N	087° 46' 48.02321337" E
173	25° 36' 32.78642051" N	087° 46' 48.36593260" E
174	25° 36' 32.72023309" N	087° 46' 48.52112276" E
175	25° 36' 37.90747773" N	087° 48' 05.34171215" E
176	25° 36' 37.94004592" N	087° 48' 06.00583069" E
177	25° 36' 37.22357367" N	087° 48' 06.20792317" E
178	25° 36' 37.18874592" N	087° 48' 05.50121594" E

S.No	Village Name	Existing Chainage (Km)		Existing ROW Width (m)			Length (m)	Existing Pavement Width (m)			Road Formation Width (m)			Required Forest Width (m)			Total Required Forest Area (in Ha)
		From	To	Total	LHS	RHS		LHS	RHS	Total	LHS	RHS	Total	LHS	RHS	Total	
45	Gothaila & Jhaua	28.465	28.800	20.000	10.000	10.000	335	4.375	4.375	8.75	6.0	6.0	12.0	5.625	5.625	11.25	0.377
46	Jhaua	28.800	29.300	20.000	10.000	10.000	500	4.375	4.375	8.75	6.0	6.0	12.0	5.625	5.625	11.25	0.563
47	Kaldehi	29.300	29.965	20.000	10.000	10.000	665	4.375	4.375	8.75	6.0	6.0	12.0	5.625	5.625	11.25	0.748
48		29.965	30.800	10.000	10.000	10.000	835	2.75	2.75	5.5	6.0	6.0	12.0	0.0	0.0	0.0	0.000

USER AGENCY



D.G.M. (Tech.)
BSRDCL
PIU-Katihar at Purnea
BSRDC Patna
Bihar State Road Development Corporation Ltd. Patna

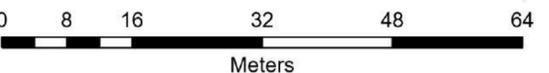
CONSULTANT



Egis India Consulting Engineers Pvt Ltd.
Egis Tower , Plot No. 66, Sector-32,
Gurgaon, Haryana-122001, India

MAP SCALE

1:614 @A2



Meters

LEGEND

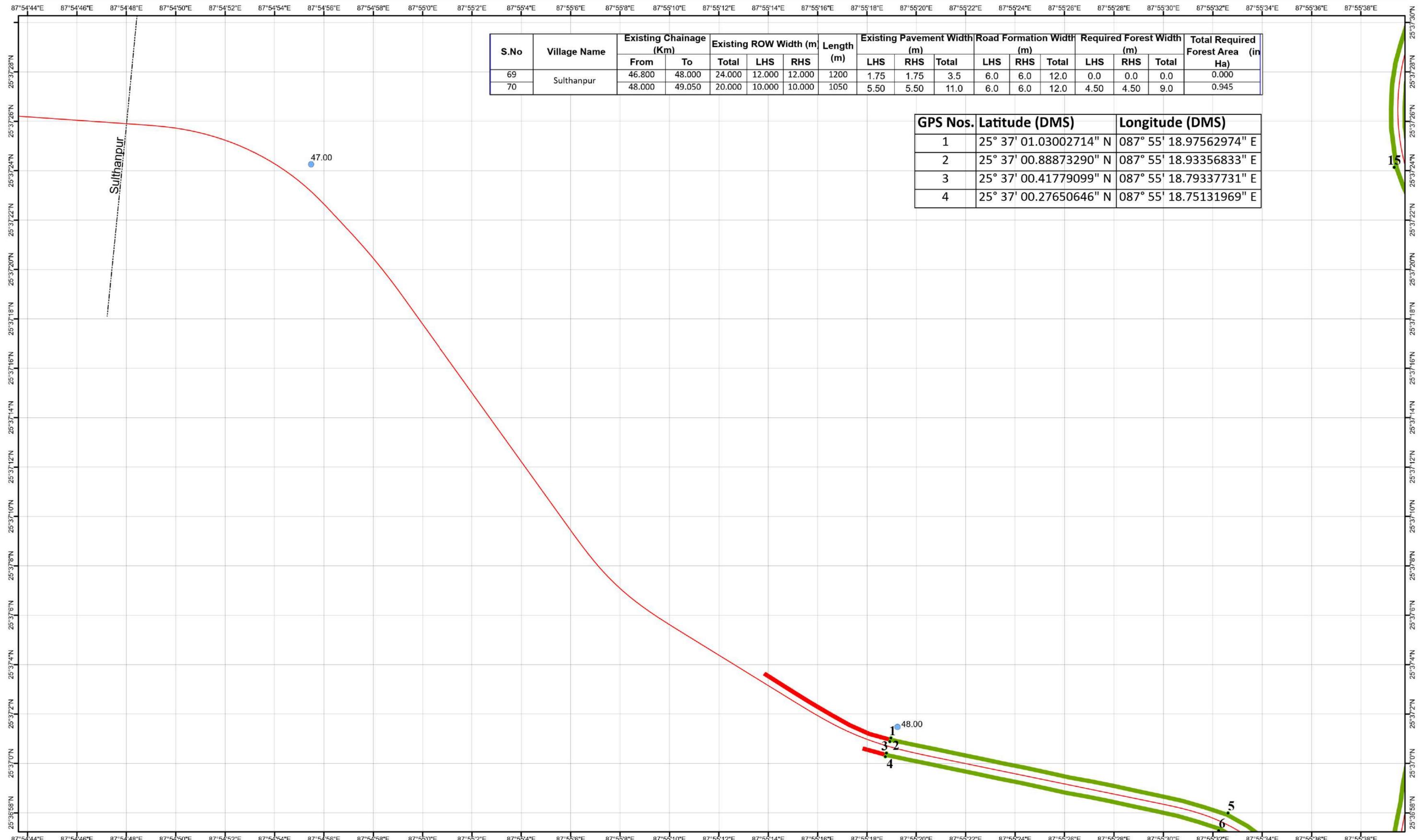
- GPS Co-ordinates
- Road Center Line
- Chainages
- Non Forest Land
- Protect Forest Land

PROJECT

Upgradation of Katihar-Balrampur Section of SH-98 from Existing Km 0.000 to Km 65.100 into 2-Lane in Katihar District in the State of Bihar

Protected Forest in Katihar Division

Digital GIS Map of Proposed Katihar-Balrampur Section of SH-98 (from Ch. 00+000 to Ch. 65+100)



S.No	Village Name	Existing Chainage (Km)		Existing ROW Width (m)			Length (m)	Existing Pavement Width (m)			Road Formation Width (m)			Required Forest Width (m)			Total Required Forest Area (in Ha)
		From	To	Total	LHS	RHS		LHS	RHS	Total	LHS	RHS	Total	LHS	RHS	Total	
69	Sulthanpur	46.800	48.000	24.000	12.000	12.000	1200	1.75	1.75	3.5	6.0	6.0	12.0	0.0	0.0	0.0	0.000
70		48.000	49.050	20.000	10.000	10.000	1050	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	0.945

GPS Nos.	Latitude (DMS)	Longitude (DMS)
1	25° 37' 01.03002714" N	087° 55' 18.97562974" E
2	25° 37' 00.88873290" N	087° 55' 18.93356833" E
3	25° 37' 00.41779099" N	087° 55' 18.79337731" E
4	25° 37' 00.27650646" N	087° 55' 18.75131969" E

USER AGENCY



BSRDC Patna
Bihar State Road Development Corporation Ltd. Patna

Handwritten signature and date: 13.12.23
D.G.M. (Tech.)
BSRDCL
PIU-Katihar at Purnea

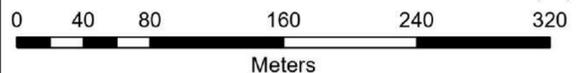
CONSULTANT



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Egis Tower , Plot No. 66, Sector-32,
Gurgaon, Haryana-122001, India

MAP SCALE

1:3,000 @A2



Meters

LEGEND

- GPS Co-ordinates
- Road Center Line
- Chainages
- Non Forest Land
- Protect Forest Land

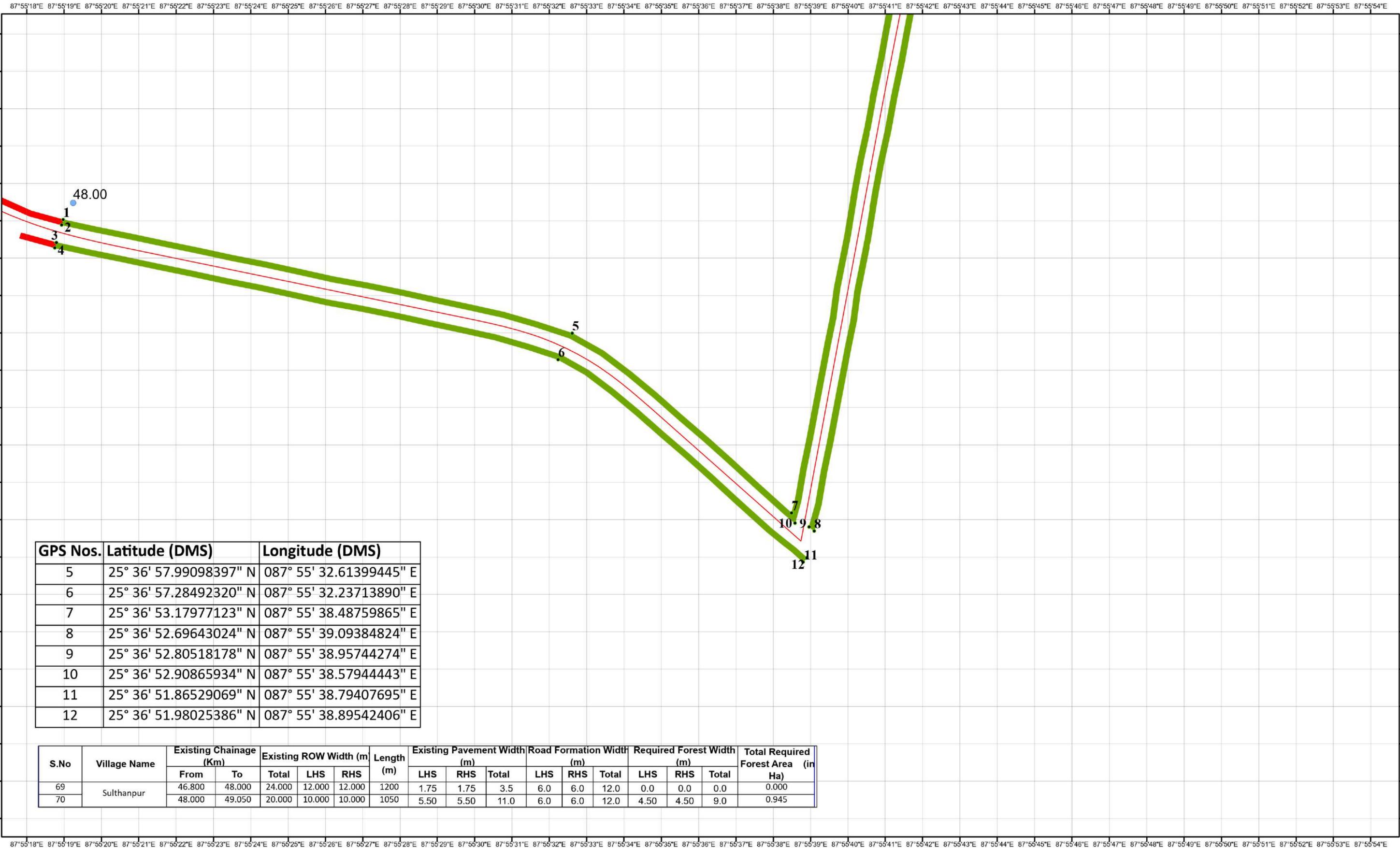
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PROJECT

Upgradation of Katihar-Balrampur Section of SH-98 from Existing Km 0.000 to Km 65.100 into 2-Lane in Katihar District in the State of Bihar

Protected Forest in Katihar Division

Digital GIS Map of Proposed Katihar-Balrampur Section of SH-98 (from Ch. 00+000 to Ch. 65+100)



GPS Nos.	Latitude (DMS)	Longitude (DMS)
5	25° 36' 57.99098397" N	087° 55' 32.61399445" E
6	25° 36' 57.28492320" N	087° 55' 32.23713890" E
7	25° 36' 53.17977123" N	087° 55' 38.48759865" E
8	25° 36' 52.69643024" N	087° 55' 39.09384824" E
9	25° 36' 52.80518178" N	087° 55' 38.95744274" E
10	25° 36' 52.90865934" N	087° 55' 38.57944443" E
11	25° 36' 51.86529069" N	087° 55' 38.79407695" E
12	25° 36' 51.98025386" N	087° 55' 38.89542406" E

S.No	Village Name	Existing Chainage (Km)		Existing ROW Width (m)			Length (m)	Existing Pavement Width (m)			Road Formation Width (m)			Required Forest Width (m)			Total Required Forest Area (in Ha)
		From	To	Total	LHS	RHS		LHS	RHS	Total	LHS	RHS	Total	LHS	RHS	Total	
69	Sulthanpur	46.800	48.000	24.000	12.000	12.000	1200	1.75	1.75	3.5	6.0	6.0	12.0	0.0	0.0	0.0	0.000
70		48.000	49.050	20.000	10.000	10.000	1050	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	0.945

USER AGENCY



BSRDC Patna
Bihar State Road Development Corporation Ltd. Patna

D.G.M. (Tech.)
BSRDC
PIU-Katihar at Patna
13.12.23

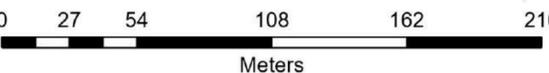
CONSULTANT



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Egis Tower , Plot No. 66, Sector-32,
Gurgaon, Haryana-122001, India

MAP SCALE

1:2,000 @A2



Meters

LEGEND

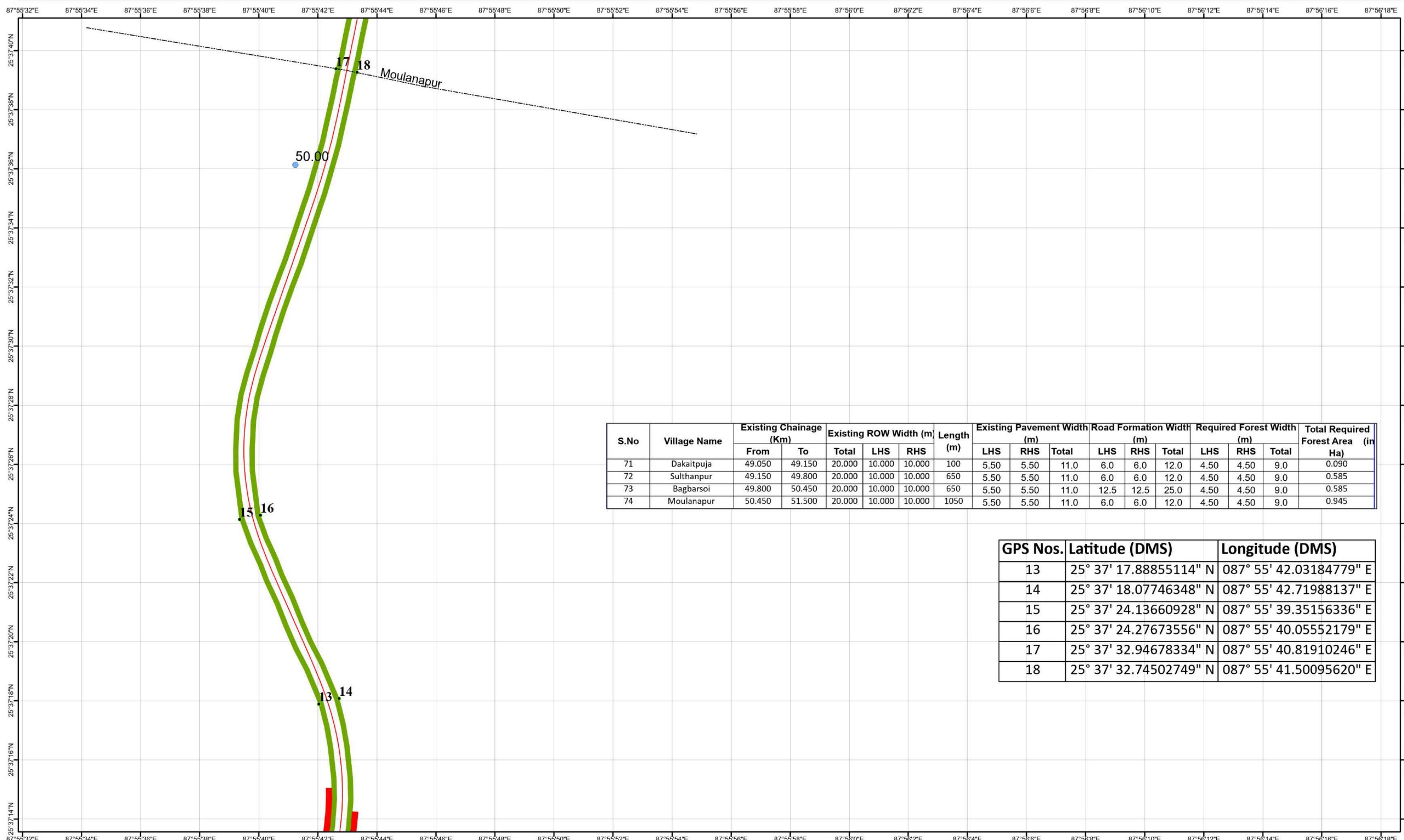
- GPS Co-ordinates
- Chainages
- Road Center Line
- Non Forest Land
- Protect Forest Land

PROJECT

Upgradation of Katihar-Balrampur Section of SH-98 from Existing Km 0.000 to Km 65.100 into 2-Lane in Katihar District in the State of Bihar

Protected Forest in Katihar Division

Digital GIS Map of Proposed Katihar-Balrampur Section of SH-98 (from Ch. 00+000 to Ch. 65+100)



S.No	Village Name	Existing Chainage (Km)		Existing ROW Width (m)			Length (m)	Existing Pavement Width (m)			Road Formation Width (m)			Required Forest Width (m)			Total Required Forest Area (in Ha)
		From	To	Total	LHS	RHS		LHS	RHS	Total	LHS	RHS	Total	LHS	RHS	Total	
71	Dakaitpuja	49.050	49.150	20.000	10.000	10.000	100	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	0.090
72	Sulthanpur	49.150	49.800	20.000	10.000	10.000	650	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	0.585
73	Bagbarsoi	49.800	50.450	20.000	10.000	10.000	650	5.50	5.50	11.0	12.5	12.5	25.0	4.50	4.50	9.0	0.585
74	Moulanapur	50.450	51.500	20.000	10.000	10.000	1050	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	0.945

GPS Nos.	Latitude (DMS)	Longitude (DMS)
13	25° 37' 17.88855114" N	087° 55' 42.03184779" E
14	25° 37' 18.07746348" N	087° 55' 42.71988137" E
15	25° 37' 24.13660928" N	087° 55' 39.35156336" E
16	25° 37' 24.27673556" N	087° 55' 40.05552179" E
17	25° 37' 32.94678334" N	087° 55' 40.81910246" E
18	25° 37' 32.74502749" N	087° 55' 41.50095620" E

USER AGENCY



D.G.M. (Tech.)
BSRDCL
PIU-Katihar at Purnea
BSRD Patna
Bihar State Road Development Corporation Ltd. Patna

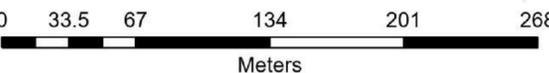
CONSULTANT



Egis India Consulting Engineers Pvt Ltd.
Egis Tower , Plot No. 66, Sector-32,
Gurgaon, Haryana-122001, India

MAP SCALE

1:2,500 @A2



Meters

LEGEND

- Chainages
- GPS Co-ordinates
- Road Center Line

Layer

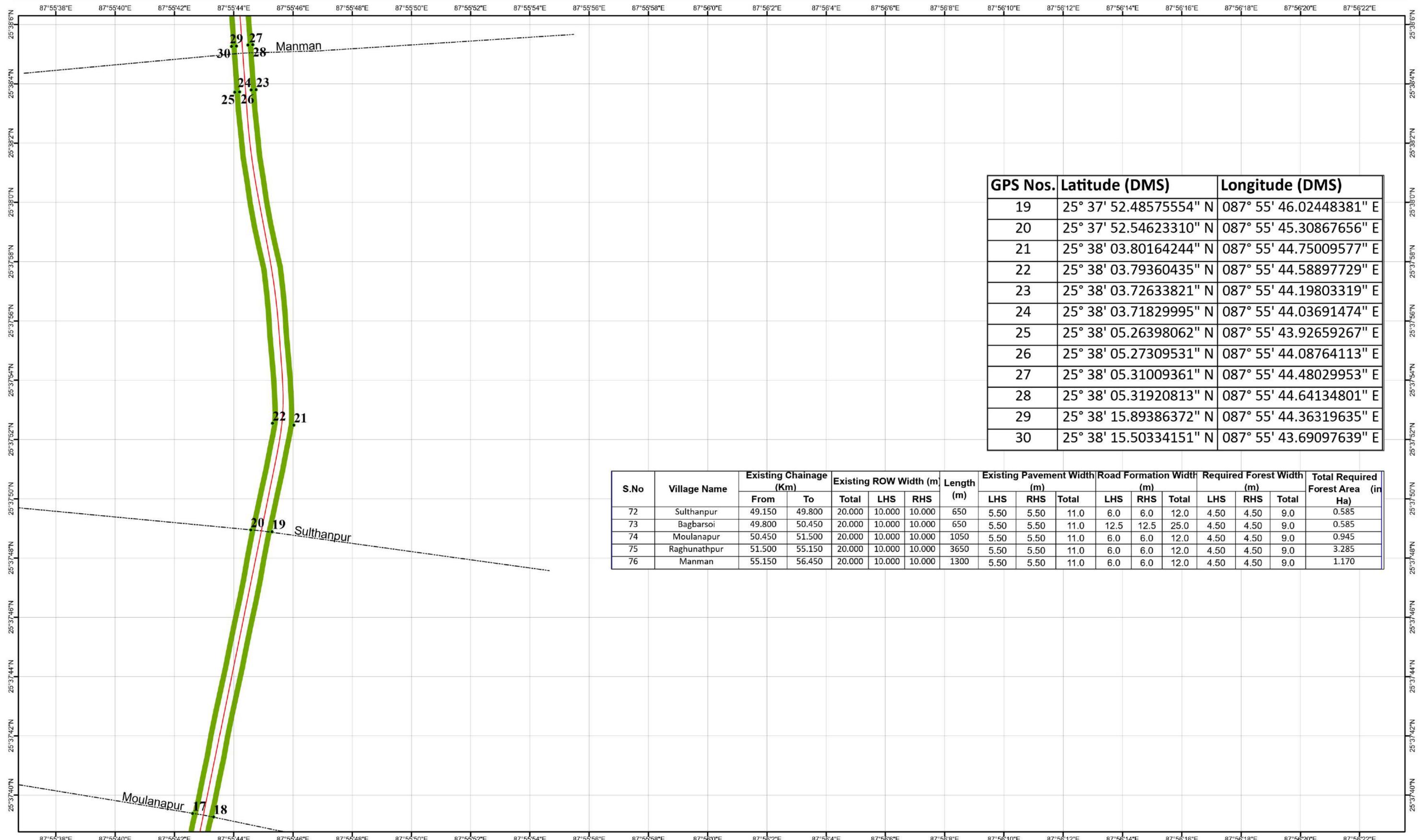
- Non Forest Land
- Protect Forest Land

PROJECT

Upgradation of Katihar-Balrampur Section of SH-98 from Existing Km 0.000 to Km 65.100 into 2-Lane in Katihar District in the State of Bihar

Protected Forest in Katihar Division

Digital GIS Map of Proposed Katihar-Balrampur Section of SH-98 (from Ch. 00+000 to Ch. 65+100)



GPS Nos.	Latitude (DMS)	Longitude (DMS)
19	25° 37' 52.48575554" N	087° 55' 46.02448381" E
20	25° 37' 52.54623310" N	087° 55' 45.30867656" E
21	25° 38' 03.80164244" N	087° 55' 44.75009577" E
22	25° 38' 03.79360435" N	087° 55' 44.58897729" E
23	25° 38' 03.72633821" N	087° 55' 44.19803319" E
24	25° 38' 03.71829995" N	087° 55' 44.03691474" E
25	25° 38' 05.26398062" N	087° 55' 43.92659267" E
26	25° 38' 05.27309531" N	087° 55' 44.08764113" E
27	25° 38' 05.31009361" N	087° 55' 44.48029953" E
28	25° 38' 05.31920813" N	087° 55' 44.64134801" E
29	25° 38' 15.89386372" N	087° 55' 44.36319635" E
30	25° 38' 15.50334151" N	087° 55' 43.69097639" E

S.No	Village Name	Existing Chainage (Km)		Existing ROW Width (m)			Length (m)	Existing Pavement Width (m)			Road Formation Width (m)			Required Forest Width (m)			Total Required Forest Area (in Ha)
		From	To	Total	LHS	RHS		LHS	RHS	Total	LHS	RHS	Total	LHS	RHS	Total	
72	Sulthanpur	49.150	49.800	20.000	10.000	10.000	650	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	0.585
73	Bagbarsoi	49.800	50.450	20.000	10.000	10.000	650	5.50	5.50	11.0	12.5	12.5	25.0	4.50	4.50	9.0	0.585
74	Moulanapur	50.450	51.500	20.000	10.000	10.000	1050	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	0.945
75	Raghunathpur	51.500	55.150	20.000	10.000	10.000	3650	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	3.285
76	Manman	55.150	56.450	20.000	10.000	10.000	1300	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	1.170

USER AGENCY



BSRDC Patna
Bihar State Road Development Corporation Ltd. Patna

D.G.M. (Tech.)
BSRDCL
PIU, Katihar at Purnea
12.12.23

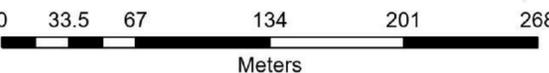
CONSULTANT



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Egis Tower , Plot No. 66, Sector-32,
Gurgaon, Haryana-122001, India

MAP SCALE

1:2,500 @A2



Meters

LEGEND

- Chainages
- GPS Co-ordinates
- Road Center Line

Layer

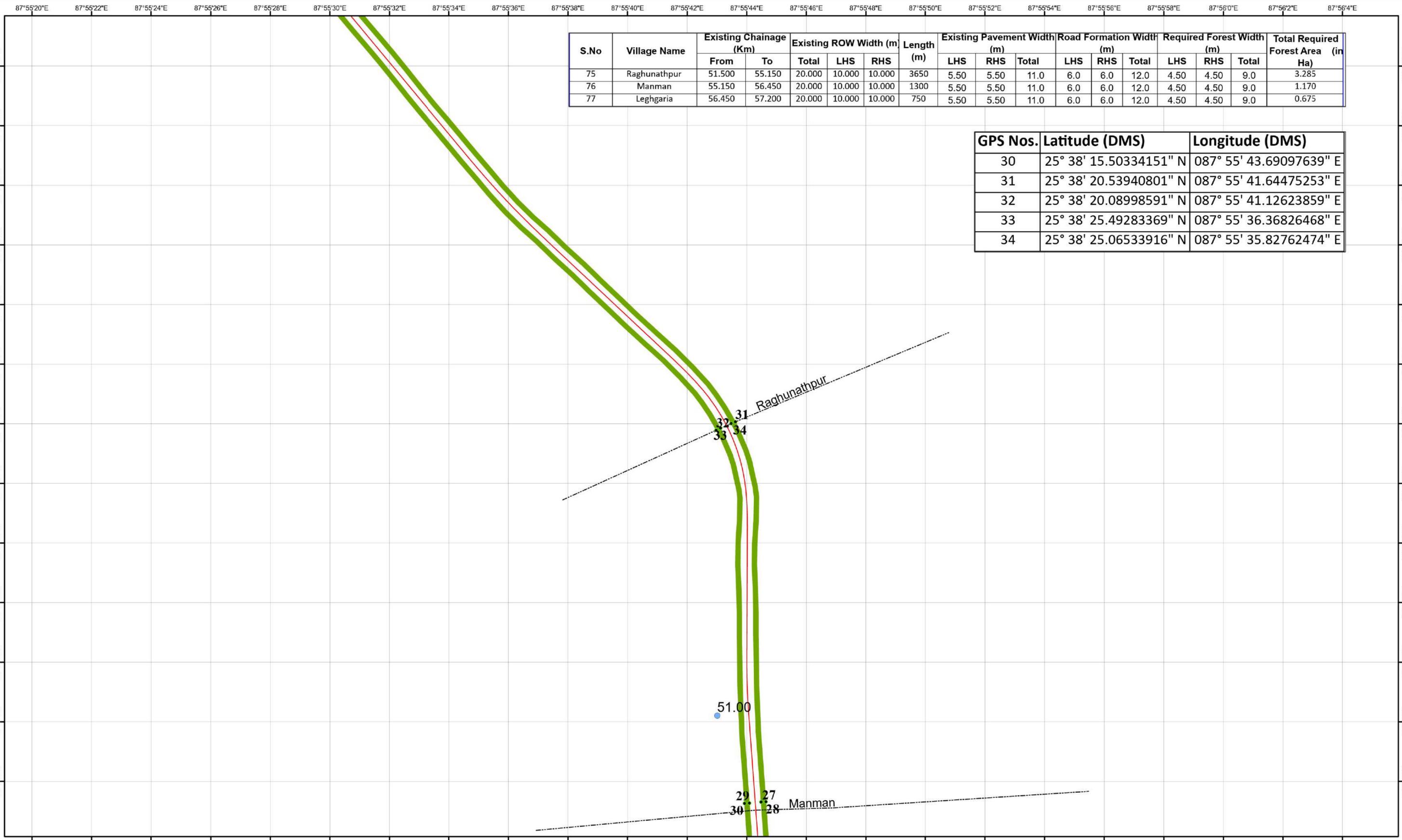
- Non Forest Land
- Protect Forest Land

PROJECT

Upgradation of Katihar-Balrampur Section of SH-98 from Existing Km 0.000 to Km 65.100 into 2-Lane in Katihar District in the State of Bihar

Protected Forest in Katihar Division

Digital GIS Map of Proposed Katihar-Balrampur Section of SH-98 (from Ch. 00+000 to Ch. 65+100)



S.No	Village Name	Existing Chainage (Km)		Existing ROW Width (m)			Length (m)	Existing Pavement Width (m)			Road Formation Width (m)			Required Forest Width (m)			Total Required Forest Area (in Ha)
		From	To	Total	LHS	RHS		LHS	RHS	Total	LHS	RHS	Total	LHS	RHS	Total	
75	Raghunathpur	51.500	55.150	20.000	10.000	10.000	3650	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	3.285
76	Manman	55.150	56.450	20.000	10.000	10.000	1300	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	1.170
77	Legharia	56.450	57.200	20.000	10.000	10.000	750	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	0.675

GPS Nos.	Latitude (DMS)	Longitude (DMS)
30	25° 38' 15.50334151" N	087° 55' 43.69097639" E
31	25° 38' 20.53940801" N	087° 55' 41.64475253" E
32	25° 38' 20.08998591" N	087° 55' 41.12623859" E
33	25° 38' 25.49283369" N	087° 55' 36.36826468" E
34	25° 38' 25.06533916" N	087° 55' 35.82762474" E

USER AGENCY



D.G.M. (Tech.)
BSRDCL
PIU-Katihar at Purnea
BSRDC Patna
Bihar State Road Development Corporation Ltd. Patna

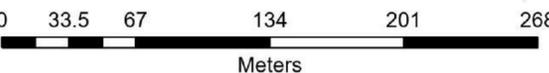
CONSULTANT



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Egis Tower , Plot No. 66, Sector-32,
Gurgaon, Haryana-122001, India

MAP SCALE

1:2,500 @A2



Meters

LEGEND

- Chainages
- GPS Co-ordinates
- Road Center Line

Layer

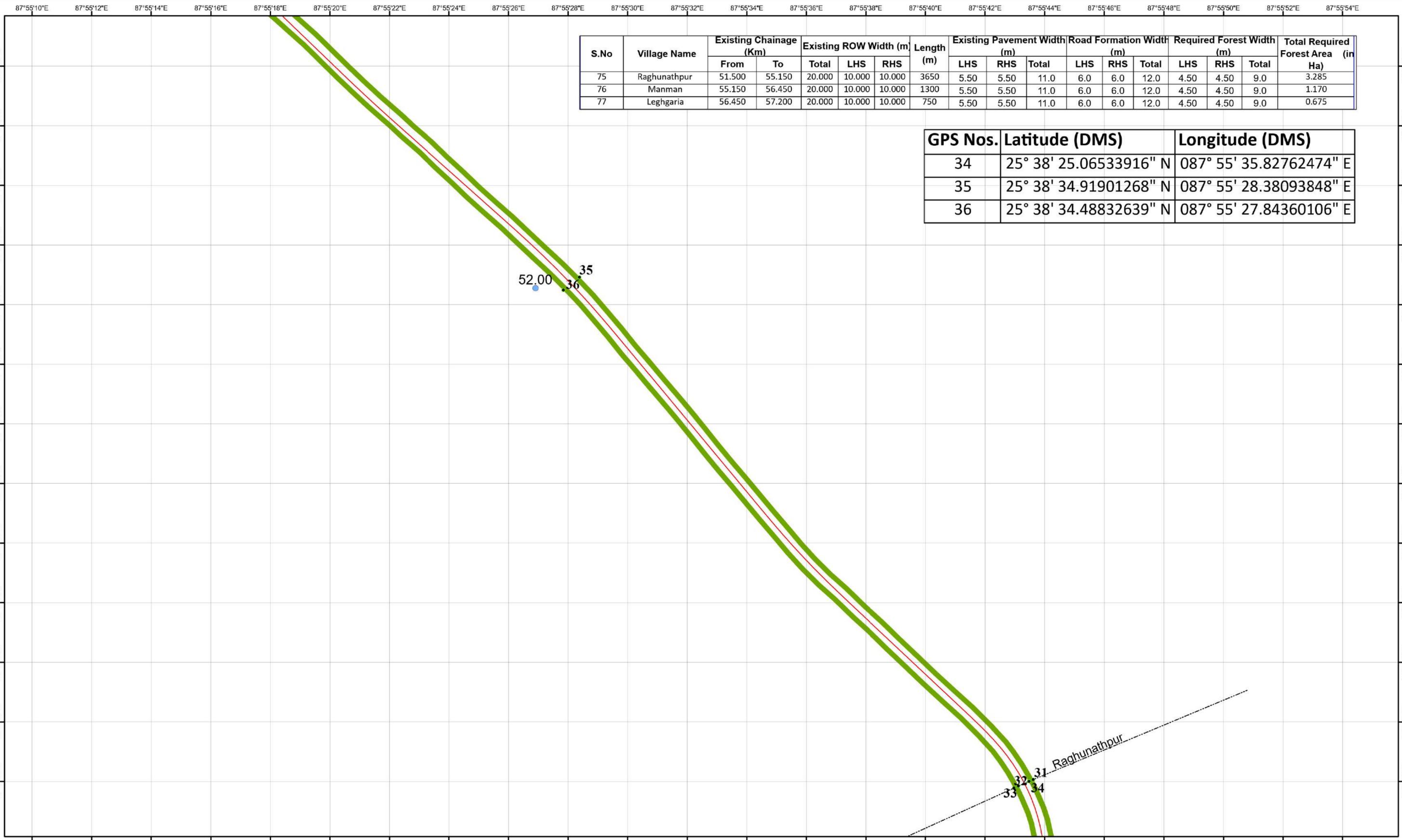
- Non Forest Land
- Protect Forest Land

PROJECT

Upgradation of Katihar-Balrampur Section of SH-98 from Existing Km 0.000 to Km 65.100 into 2-Lane in Katihar District in the State of Bihar

Protected Forest in Katihar Division

Digital GIS Map of Proposed Katihar-Balrampur Section of SH-98 (from Ch. 00+000 to Ch. 65+100)



S.No	Village Name	Existing Chainage (Km)		Existing ROW Width (m)			Length (m)	Existing Pavement Width (m)			Road Formation Width (m)			Required Forest Width (m)			Total Required Forest Area (in Ha)
		From	To	Total	LHS	RHS		LHS	RHS	Total	LHS	RHS	Total	LHS	RHS	Total	
75	Raghunathpur	51.500	55.150	20.000	10.000	10.000	3650	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	3.285
76	Manman	55.150	56.450	20.000	10.000	10.000	1300	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	1.170
77	Legharia	56.450	57.200	20.000	10.000	10.000	750	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	0.675

GPS Nos.	Latitude (DMS)	Longitude (DMS)
34	25° 38' 25.06533916" N	087° 55' 35.82762474" E
35	25° 38' 34.91901268" N	087° 55' 28.38093848" E
36	25° 38' 34.48832639" N	087° 55' 27.84360106" E

USER AGENCY



D.G.M. (Tech.)
BSRDCL
PIU-Katihar Division
BSRDCL Patna
Bihar State Road Development Corporation Ltd. Patna

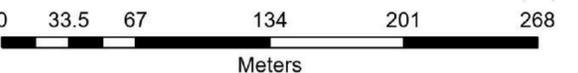
CONSULTANT



Egis India Consulting Engineers Pvt Ltd.
Egis Tower , Plot No. 66, Sector-32,
Gurgaon, Haryana-122001, India

MAP SCALE

1:2,500 @A2



Meters

LEGEND

- Chainages
- GPS Co-ordinates
- Road Center Line

Layer

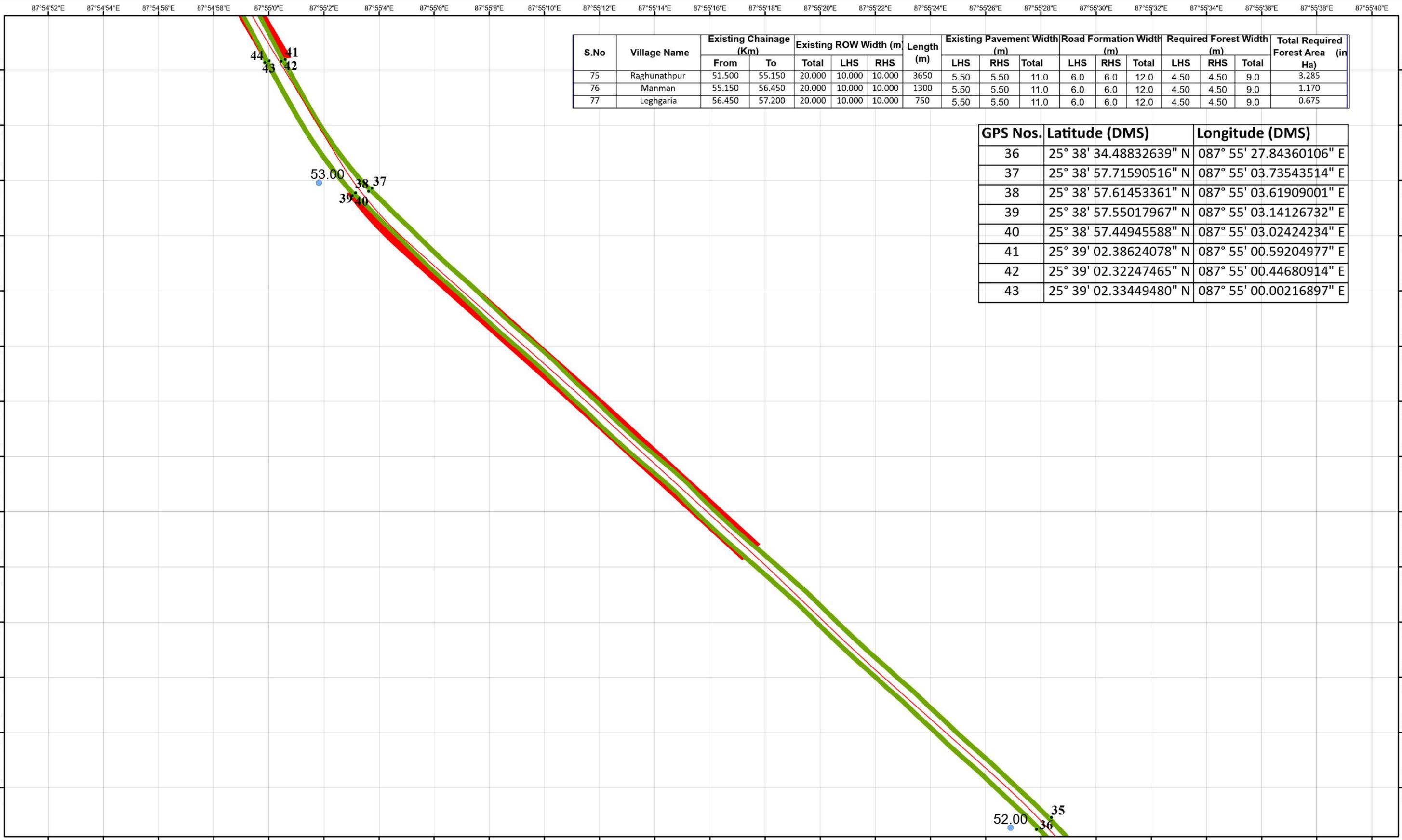
- Non Forest Land
- Protect Forest Land

PROJECT

Upgradation of Katihar-Balrampur Section of SH-98 from Existing Km 0.000 to Km 65.100 into 2-Lane in Katihar District in the State of Bihar

Protected Forest in Katihar Division

Digital GIS Map of Proposed Katihar-Balrampur Section of SH-98 (from Ch. 00+000 to Ch. 65+100)



S.No	Village Name	Existing Chainage (Km)		Existing ROW Width (m)			Length (m)	Existing Pavement Width (m)			Road Formation Width (m)			Required Forest Width (m)			Total Required Forest Area (in Ha)
		From	To	Total	LHS	RHS		LHS	RHS	Total	LHS	RHS	Total	LHS	RHS	Total	
75	Raghunathpur	51.500	55.150	20.000	10.000	10.000	3650	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	3.285
76	Manman	55.150	56.450	20.000	10.000	10.000	1300	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	1.170
77	Lekharia	56.450	57.200	20.000	10.000	10.000	750	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	0.675

GPS Nos.	Latitude (DMS)	Longitude (DMS)
36	25° 38' 34.48832639" N	087° 55' 27.84360106" E
37	25° 38' 57.71590516" N	087° 55' 03.73543514" E
38	25° 38' 57.61453361" N	087° 55' 03.61909001" E
39	25° 38' 57.55017967" N	087° 55' 03.14126732" E
40	25° 38' 57.44945588" N	087° 55' 03.02424234" E
41	25° 39' 02.38624078" N	087° 55' 00.59204977" E
42	25° 39' 02.32247465" N	087° 55' 00.44680914" E
43	25° 39' 02.33449480" N	087° 55' 00.00216897" E

USER AGENCY



D.G.M. (Tech.)
BSRDCL
PIU-Katihar at Purnea
BSRDC Patna
Bihar State Road Development Corporation Ltd. Patna

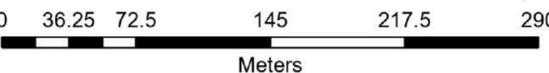
CONSULTANT



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Egis Tower , Plot No. 66, Sector-32,
Gurgaon, Haryana-122001, India

MAP SCALE

1:2,700 @A2



Meters

LEGEND

- Chainages
- GPS Co-ordinates
- Road Center Line

Layer

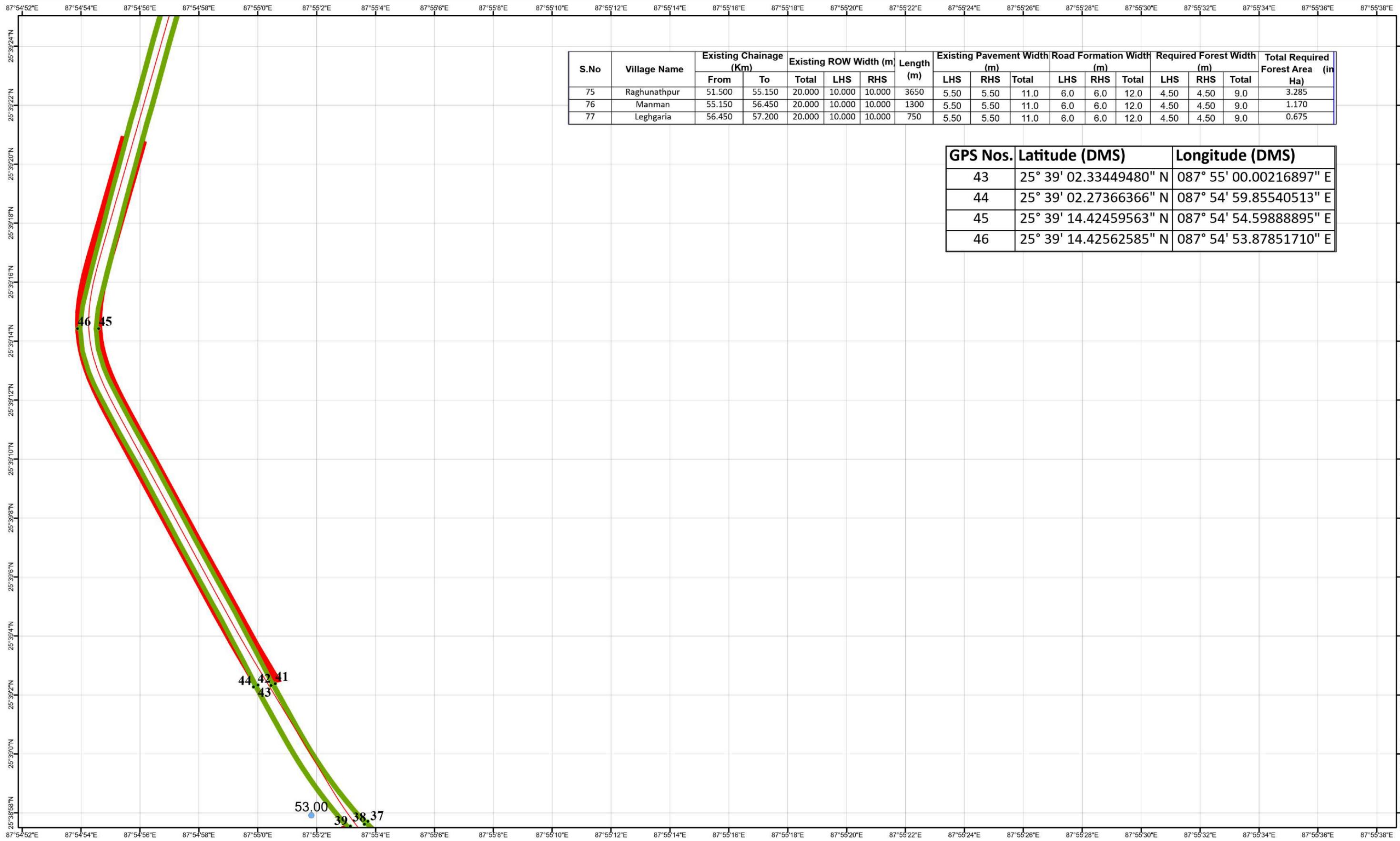
- Non Forest Land
- Protect Forest Land

PROJECT

Upgradation of Katihar-Balrampur Section of SH-98 from Existing Km 0.000 to Km 65.100 into 2-Lane in Katihar District in the State of Bihar

Protected Forest in Katihar Division

Digital GIS Map of Proposed Katihar-Balrampur Section of SH-98 (from Ch. 00+000 to Ch. 65+100)



S.No	Village Name	Existing Chainage (Km)		Existing ROW Width (m)			Length (m)	Existing Pavement Width (m)			Road Formation Width (m)			Required Forest Width (m)			Total Required Forest Area (in Ha)
		From	To	Total	LHS	RHS		LHS	RHS	Total	LHS	RHS	Total	LHS	RHS	Total	
75	Raghunathpur	51.500	55.150	20.000	10.000	10.000	3650	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	3.285
76	Manman	55.150	56.450	20.000	10.000	10.000	1300	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	1.170
77	Legharia	56.450	57.200	20.000	10.000	10.000	750	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	0.675

GPS Nos.	Latitude (DMS)	Longitude (DMS)
43	25° 39' 02.33449480" N	087° 55' 00.00216897" E
44	25° 39' 02.27366366" N	087° 54' 59.85540513" E
45	25° 39' 14.42459563" N	087° 54' 54.59888895" E
46	25° 39' 14.42562585" N	087° 54' 53.87851710" E

USER AGENCY



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BSRDCL
PIU-Katihar at Patna

BSRDC Patna
Bihar State Road Development Corporation Ltd. Patna

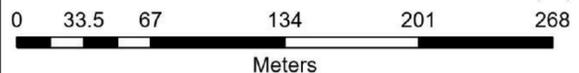
CONSULTANT



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Egis Tower , Plot No. 66, Sector-32,
Gurgaon, Haryana-122001, India

MAP SCALE

1:2,500 @A2



Meters

LEGEND

- GPS Co-ordinates
- Chainages
- Road Center Line

Layer

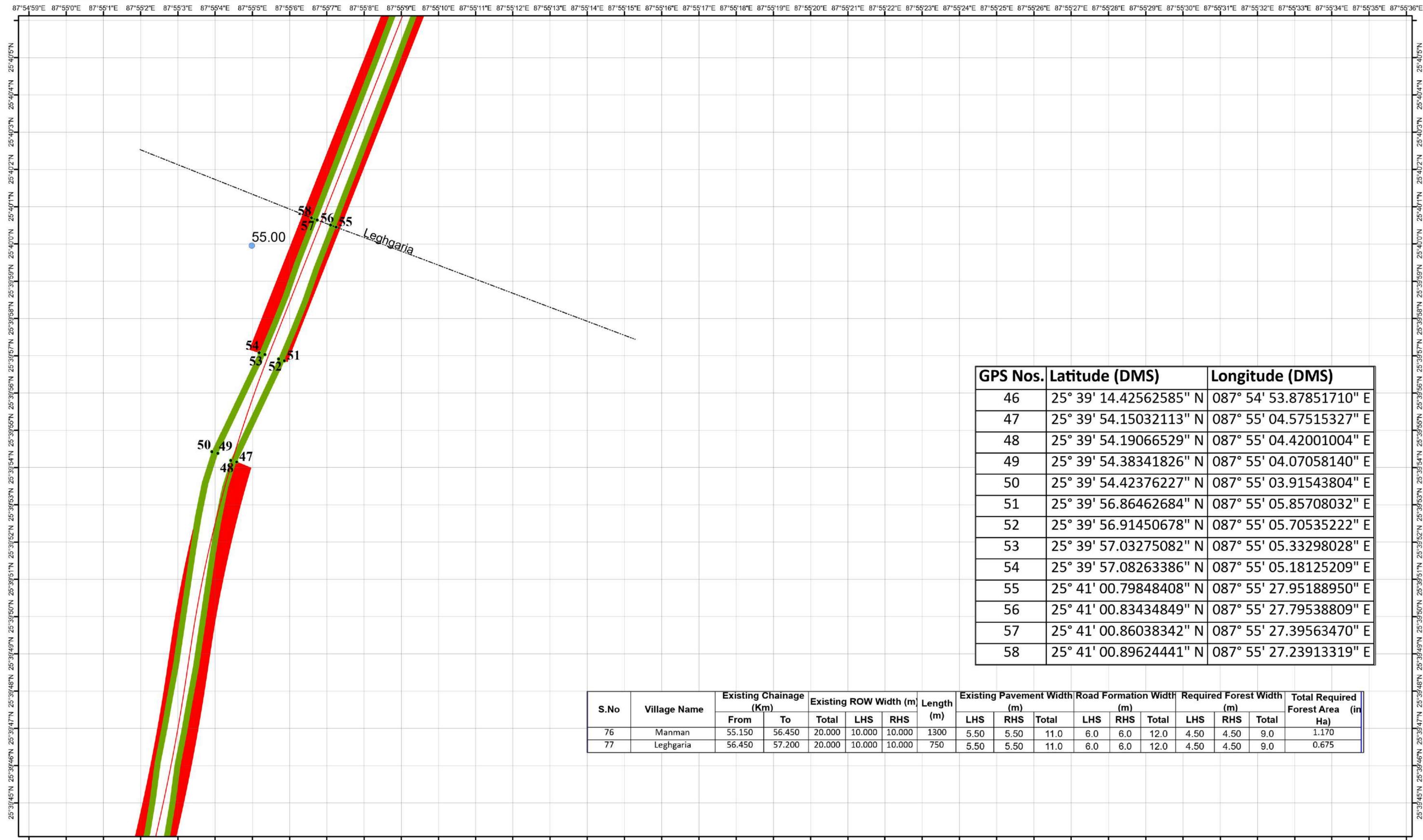
- Non Forest Land
- Protect Forest Land

PROJECT

Upgradation of Katihar-Balrampur Section of SH-98 from Existing Km 0.000 to Km 65.100 into 2-Lane in Katihar District in the State of Bihar

Protected Forest in Katihar Division

Digital GIS Map of Proposed Katihar-Balrampur Section of SH-98 (from Ch. 00+000 to Ch. 65+100)



GPS Nos.	Latitude (DMS)	Longitude (DMS)
46	25° 39' 14.42562585" N	087° 54' 53.87851710" E
47	25° 39' 54.15032113" N	087° 55' 04.57515327" E
48	25° 39' 54.19066529" N	087° 55' 04.42001004" E
49	25° 39' 54.38341826" N	087° 55' 04.07058140" E
50	25° 39' 54.42376227" N	087° 55' 03.91543804" E
51	25° 39' 56.86462684" N	087° 55' 05.85708032" E
52	25° 39' 56.91450678" N	087° 55' 05.70535222" E
53	25° 39' 57.03275082" N	087° 55' 05.33298028" E
54	25° 39' 57.08263386" N	087° 55' 05.18125209" E
55	25° 41' 00.79848408" N	087° 55' 27.95188950" E
56	25° 41' 00.83434849" N	087° 55' 27.79538809" E
57	25° 41' 00.86038342" N	087° 55' 27.39563470" E
58	25° 41' 00.89624441" N	087° 55' 27.23913319" E

S.No	Village Name	Existing Chainage (Km)		Existing ROW Width (m)			Length (m)	Existing Pavement Width (m)			Road Formation Width (m)			Required Forest Width (m)			Total Required Forest Area (in Ha)
		From	To	Total	LHS	RHS		LHS	RHS	Total	LHS	RHS	Total	LHS	RHS	Total	
76	Manman	55.150	56.450	20.000	10.000	10.000	1300	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	1.170
77	Leghgaria	56.450	57.200	20.000	10.000	10.000	750	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	0.675

USER AGENCY



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Bihar State Road Development Corporation Ltd. Patna

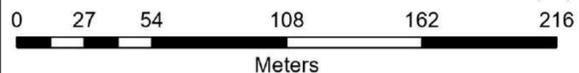
CONSULTANT



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Gurgaon, Haryana-122001, India

MAP SCALE

1:2,000 @A2



Meters

LEGEND

- Chainages
- GPS Co-ordinates
- Road Center Line

Layer

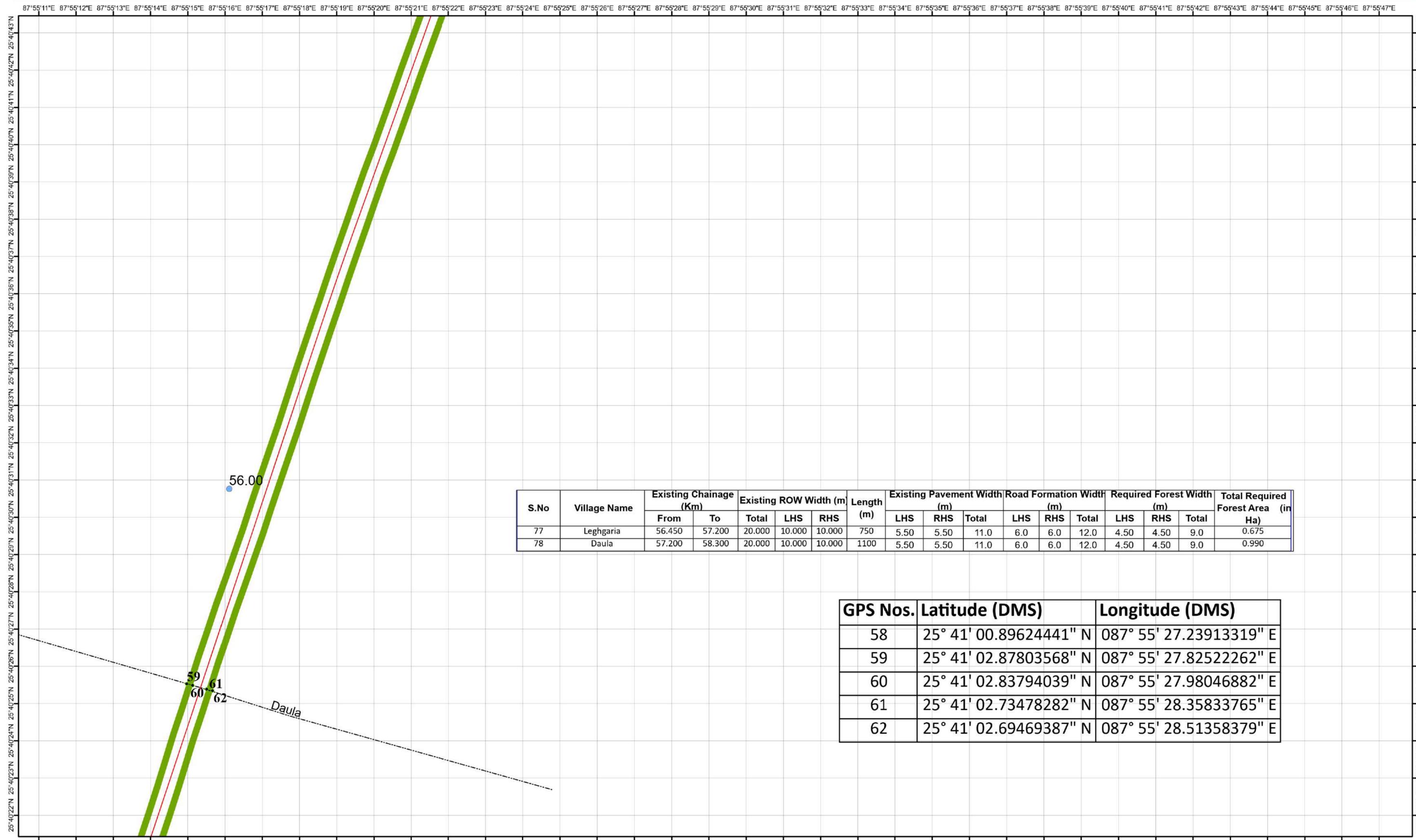
- Non Forest Land
- Protect Forest Land

PROJECT

Upgradation of Katihar-Balrampur Section of SH-98 from Existing Km 0.000 to Km 65.100 into 2-Lane in Katihar District in the State of Bihar

Protected Forest in Katihar Division

Digital GIS Map of Proposed Katihar-Balrampur Section of SH-98 (from Ch. 00+000 to Ch. 65+100)



S.No	Village Name	Existing Chainage (Km)		Existing ROW Width (m)			Length (m)	Existing Pavement Width (m)			Road Formation Width (m)			Required Forest Width (m)			Total Required Forest Area (in Ha)
		From	To	Total	LHS	RHS		LHS	RHS	Total	LHS	RHS	Total	LHS	RHS	Total	
77	Leghgaria	56.450	57.200	20.000	10.000	10.000	750	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	0.675
78	Daula	57.200	58.300	20.000	10.000	10.000	1100	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	0.990

GPS Nos.	Latitude (DMS)	Longitude (DMS)
58	25° 41' 00.89624441" N	087° 55' 27.23913319" E
59	25° 41' 02.87803568" N	087° 55' 27.82522262" E
60	25° 41' 02.83794039" N	087° 55' 27.98046882" E
61	25° 41' 02.73478282" N	087° 55' 28.35833765" E
62	25° 41' 02.69469387" N	087° 55' 28.51358379" E

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Bihar State Road Development Corporation Ltd. Patna

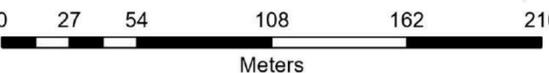
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Gurgaon, Haryana-122001, India

MAP SCALE

1:2,000 @A2



Meters

LEGEND

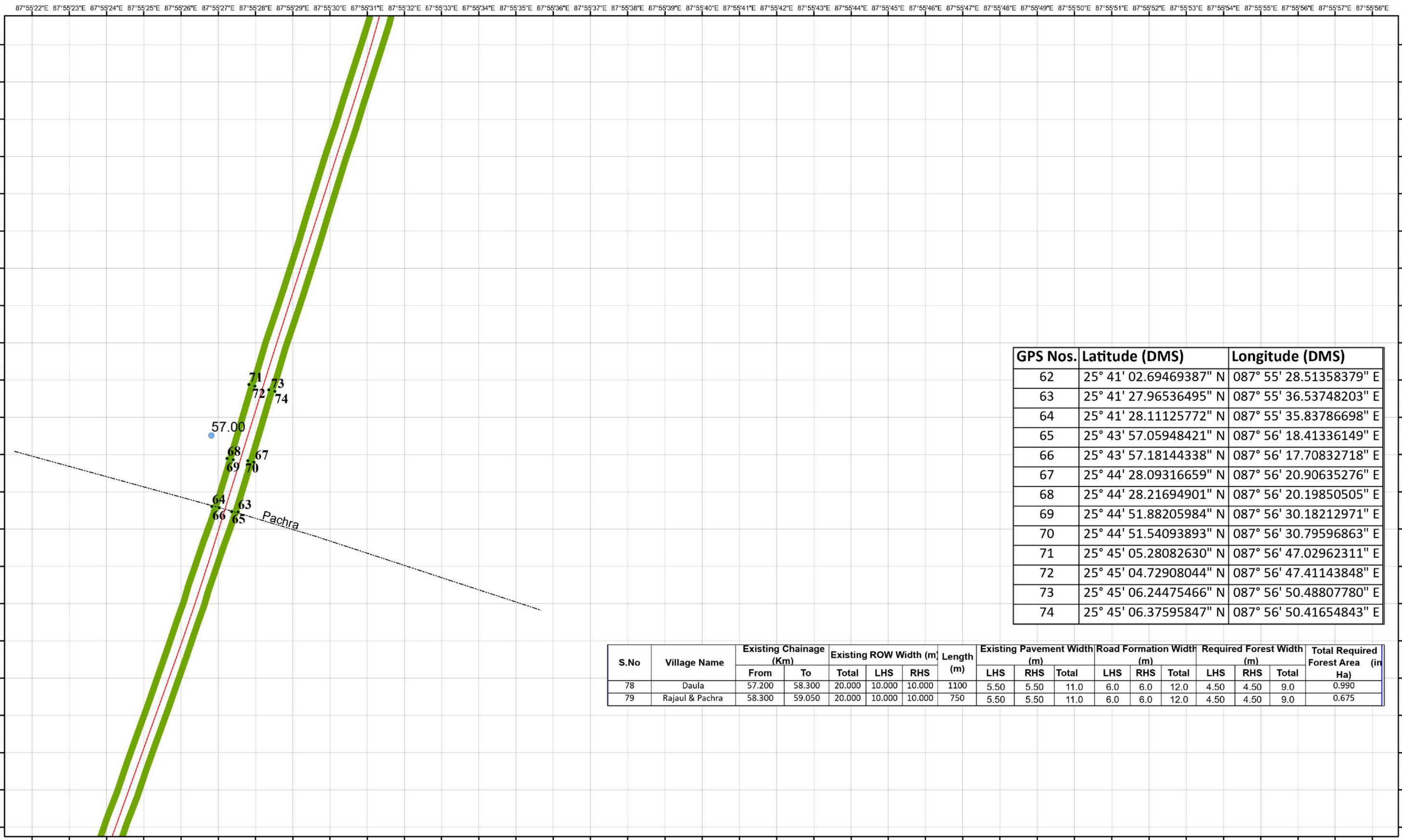
- Road Center Line
- GPS Co-ordinates
- Chainages
- Non Forest Land
- Protect Forest Land

PROJECT

Upgradation of Katihar-Balrampur Section of SH-98 from Existing Km 0.000 to Km 65.100 into 2-Lane in Katihar District in the State of Bihar

Protected Forest in Katihar Division

Digital GIS Map of Proposed Katihar-Balrampur Section of SH-98 (from Ch. 00+000 to Ch. 65+100)



GPS Nos.	Latitude (DMS)	Longitude (DMS)
62	25° 41' 02.69469387" N	087° 55' 28.51358379" E
63	25° 41' 27.96536495" N	087° 55' 36.53748203" E
64	25° 41' 28.11125772" N	087° 55' 35.83786698" E
65	25° 43' 57.05948421" N	087° 56' 18.41336149" E
66	25° 43' 57.18144338" N	087° 56' 17.70832718" E
67	25° 44' 28.09316659" N	087° 56' 20.90635276" E
68	25° 44' 28.21694901" N	087° 56' 20.19850505" E
69	25° 44' 51.88205984" N	087° 56' 30.18212971" E
70	25° 44' 51.54093893" N	087° 56' 30.79596863" E
71	25° 45' 05.28082630" N	087° 56' 47.02962311" E
72	25° 45' 04.72908044" N	087° 56' 47.41143848" E
73	25° 45' 06.24475466" N	087° 56' 50.48807780" E
74	25° 45' 06.37595847" N	087° 56' 50.41654843" E

S.No	Village Name	Existing Chainage (Km)		Existing ROW Width (m)			Length (m)	Existing Pavement Width (m)			Road Formation Width (m)			Required Forest Width (m)			Total Required Forest Area (in Ha)
		From	To	Total	LHS	RHS		LHS	RHS	Total	LHS	RHS	Total	LHS	RHS	Total	
78	Daula	57.200	58.300	20.000	10.000	10.000	1100	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	0.990
79	Rajaul & Pachra	58.300	59.050	20.000	10.000	10.000	750	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	0.675

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Bihar State Road Development Corporation Ltd. Patna

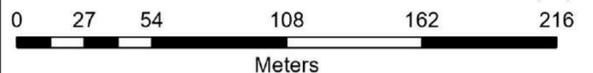
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Gurgaon, Haryana-122001, India

MAP SCALE

1:2,000 @A2



Meters

LEGEND

- Chainages
- GPS Co-ordinates
- Road Center Line

Layer

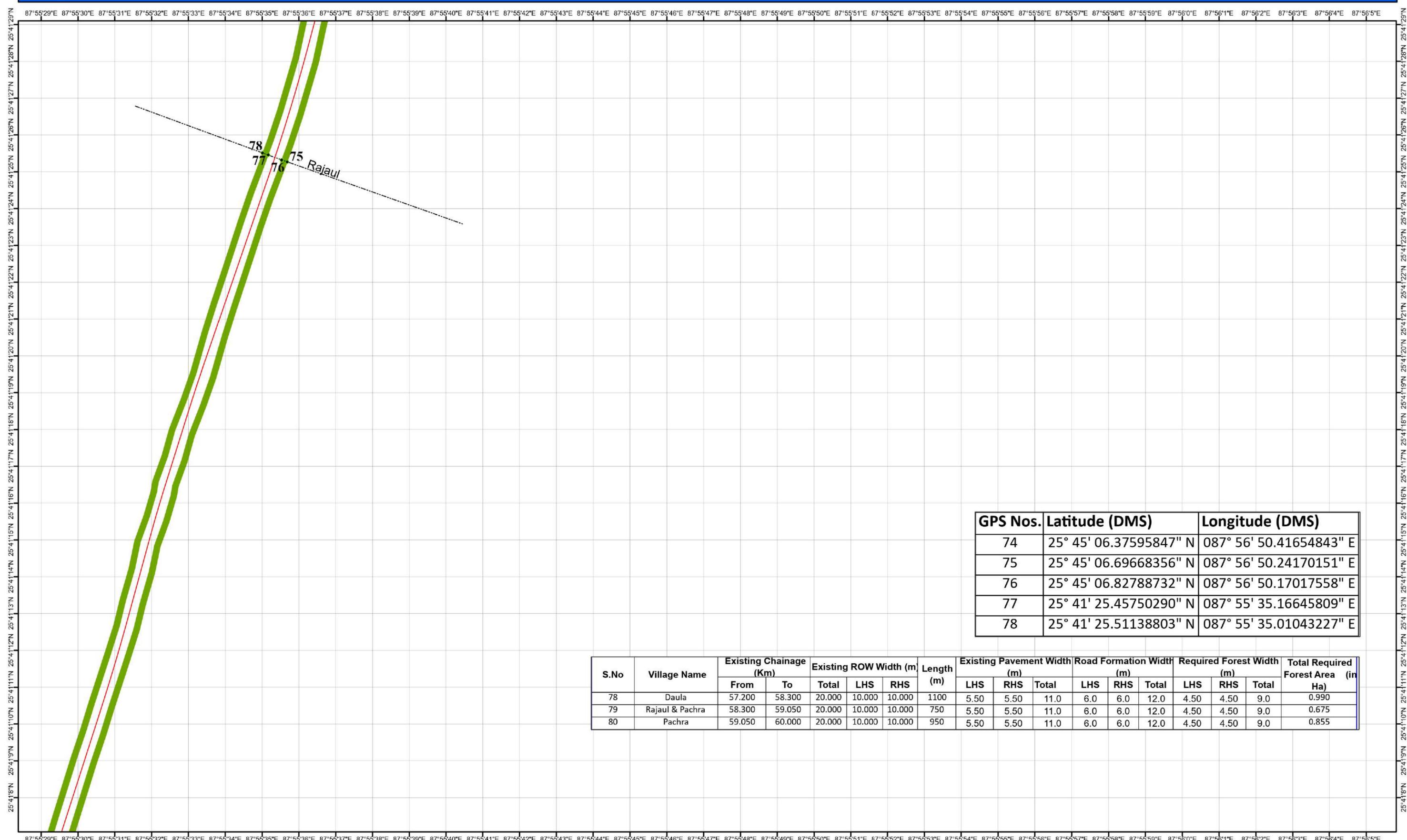
- Non Forest Land
- Protect Forest Land

PROJECT

Upgradation of Katihar-Balrampur Section of SH-98 from Existing Km 0.000 to Km 65.100 into 2-Lane in Katihar District in the State of Bihar

Protected Forest in Katihar Division

Digital GIS Map of Proposed Katihar-Balrampur Section of SH-98 (from Ch. 00+000 to Ch. 65+100)



GPS Nos.	Latitude (DMS)	Longitude (DMS)
74	25° 45' 06.37595847" N	087° 56' 50.41654843" E
75	25° 45' 06.69668356" N	087° 56' 50.24170151" E
76	25° 45' 06.82788732" N	087° 56' 50.17017558" E
77	25° 41' 25.45750290" N	087° 55' 35.16645809" E
78	25° 41' 25.51138803" N	087° 55' 35.01043227" E

S.No	Village Name	Existing Chainage (Km)		Existing ROW Width (m)			Length (m)	Existing Pavement Width (m)			Road Formation Width (m)			Required Forest Width (m)			Total Required Forest Area (in Ha)
		From	To	Total	LHS	RHS		LHS	RHS	Total	LHS	RHS	Total	LHS	RHS	Total	
78	Daula	57.200	58.300	20.000	10.000	10.000	1100	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	0.990
79	Rajaul & Pachra	58.300	59.050	20.000	10.000	10.000	750	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	0.675
80	Pachra	59.050	60.000	20.000	10.000	10.000	950	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	0.855

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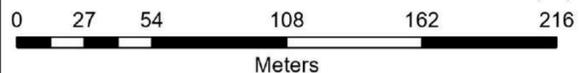
CONSULTANT



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Gurgaon, Haryana-122001, India

MAP SCALE

1:2,000 @A2



Meters

LEGEND

- Chainages
- GPS Co-ordinates
- Road Center Line

Layer

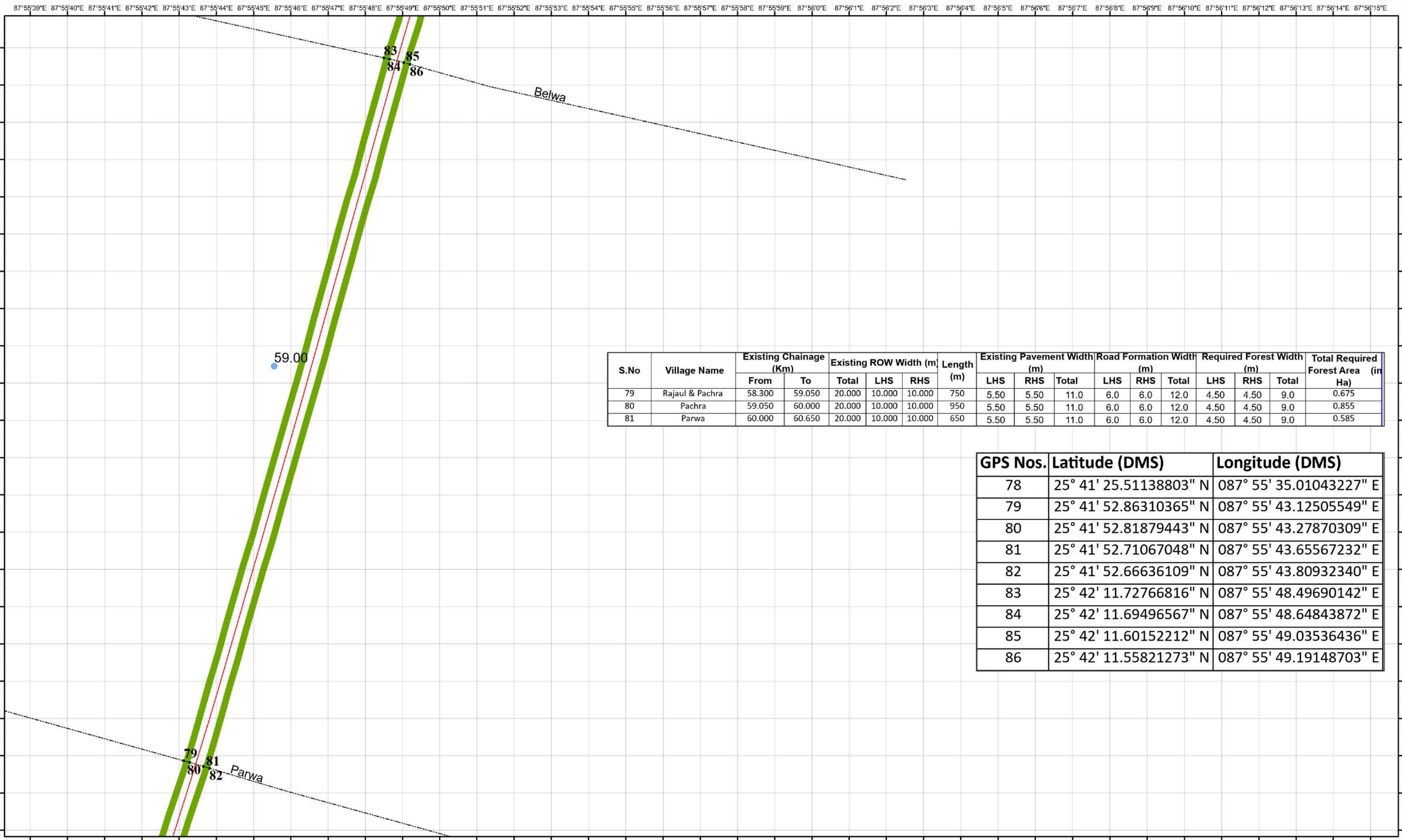
- Non Forest Land
- Protect Forest Land

PROJECT

Upgradation of Katihar-Balrampur Section of SH-98 from Existing Km 0.000 to Km 65.100 into 2-Lane in Katihar District in the State of Bihar

Protected Forest in Katihar Division

Digital GIS Map of Proposed Katihar-Balrampur Section of SH-98 (from Ch. 00+000 to Ch. 65+100)



S.No	Village Name	Existing Chainage (Km)		Existing ROW Width (m)			Length (m)	Existing Pavement Width (m)			Road Formation Width (m)			Required Forest Width (m)			Total Required Forest Area (in Ha)
		From	To	Total	LHS	RHS		LHS	RHS	Total	LHS	RHS	Total	LHS	RHS	Total	
79	Rajaul & Pachra	58.300	59.050	20.000	10.000	10.000	750	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	0.675
80	Pachra	59.050	60.000	20.000	10.000	10.000	950	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	0.855
81	Parwa	60.000	60.650	20.000	10.000	10.000	650	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	0.585

GPS Nos.	Latitude (DMS)	Longitude (DMS)
78	25° 41' 25.51138803" N	087° 55' 35.01043227" E
79	25° 41' 52.86310365" N	087° 55' 43.12505549" E
80	25° 41' 52.81879443" N	087° 55' 43.27870309" E
81	25° 41' 52.71067048" N	087° 55' 43.65567232" E
82	25° 41' 52.66636109" N	087° 55' 43.80932340" E
83	25° 42' 11.72766816" N	087° 55' 48.49690142" E
84	25° 42' 11.69496567" N	087° 55' 48.64843872" E
85	25° 42' 11.60152212" N	087° 55' 49.03536436" E
86	25° 42' 11.55821273" N	087° 55' 49.19148703" E

USER AGENCY



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Bihar State Road Development Corporation Ltd. Patna

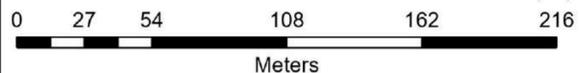
CONSULTANT



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Gurgaon, Haryana-122001, India

MAP SCALE

1:2,000 @A2



Meters

LEGEND

- Chainages
- GPS Co-ordinates
- Road Center Line

Layer

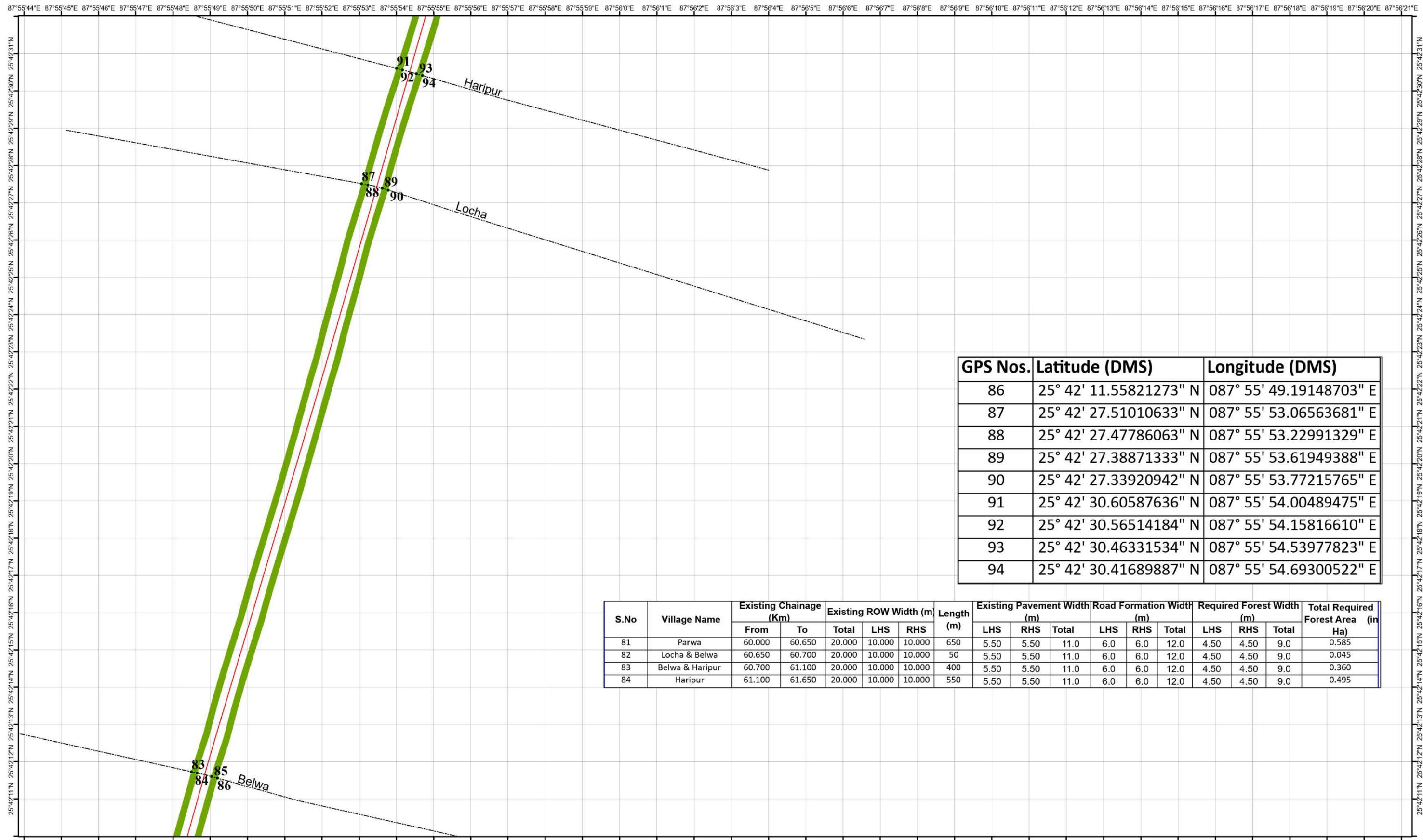
- Non Forest Land
- Protect Forest Land

PROJECT

Upgradation of Katihar-Balrampur Section of SH-98 from Existing Km 0.000 to Km 65.100 into 2-Lane in Katihar District in the State of Bihar

Protected Forest in Katihar Division

Digital GIS Map of Proposed Katihar-Balrampur Section of SH-98 (from Ch. 00+000 to Ch. 65+100)



GPS Nos.	Latitude (DMS)	Longitude (DMS)
86	25° 42' 11.55821273" N	087° 55' 49.19148703" E
87	25° 42' 27.51010633" N	087° 55' 53.06563681" E
88	25° 42' 27.47786063" N	087° 55' 53.22991329" E
89	25° 42' 27.38871333" N	087° 55' 53.61949388" E
90	25° 42' 27.33920942" N	087° 55' 53.77215765" E
91	25° 42' 30.60587636" N	087° 55' 54.00489475" E
92	25° 42' 30.56514184" N	087° 55' 54.15816610" E
93	25° 42' 30.46331534" N	087° 55' 54.53977823" E
94	25° 42' 30.41689887" N	087° 55' 54.69300522" E

S.No	Village Name	Existing Chainage (Km)		Existing ROW Width (m)			Length (m)	Existing Pavement Width (m)			Road Formation Width (m)			Required Forest Width (m)			Total Required Forest Area (in Ha)
		From	To	Total	LHS	RHS		LHS	RHS	Total	LHS	RHS	Total	LHS	RHS	Total	
81	Parwa	60.000	60.650	20.000	10.000	10.000	650	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	0.585
82	Locha & Belwa	60.650	60.700	20.000	10.000	10.000	50	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	0.045
83	Belwa & Haripur	60.700	61.100	20.000	10.000	10.000	400	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	0.360
84	Haripur	61.100	61.650	20.000	10.000	10.000	550	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	0.495

USER AGENCY



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Bihar State Road Development Corporation Ltd. Patna

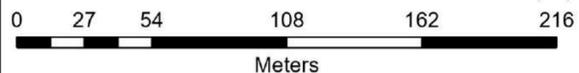
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Gurgaon, Haryana-122001, India

MAP SCALE

1:2,000 @A2



Meters

LEGEND

- Chainages
- GPS Co-ordinates
- Road Center Line

Layer

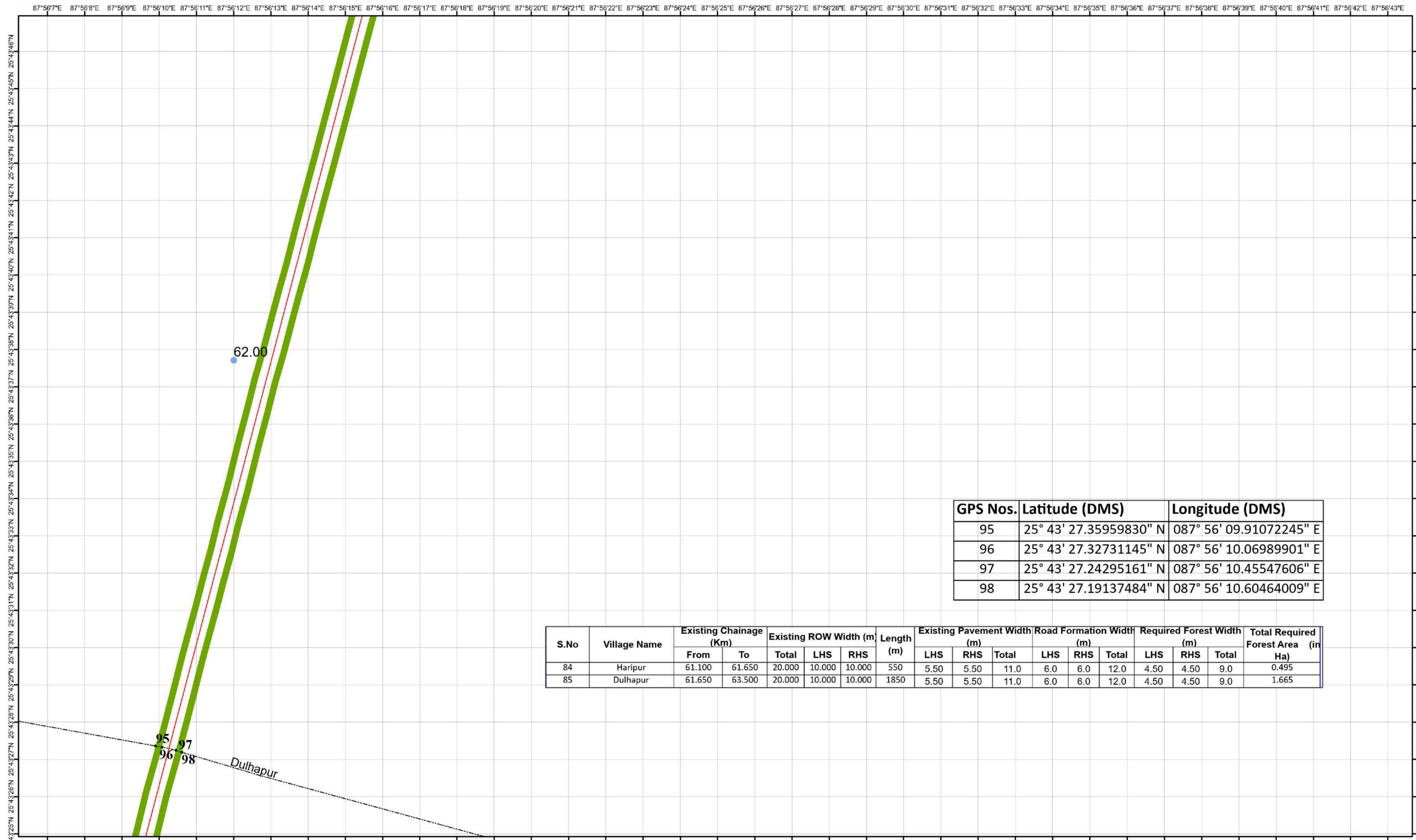
- Non Forest Land
- Protect Forest Land

PROJECT

Upgradation of Katihar-Balrampur Section of SH-98 from Existing Km 0.000 to Km 65.100 into 2-Lane in Katihar District in the State of Bihar

Protected Forest in Katihar Division

Digital GIS Map of Proposed Katihar-Balrampur Section of SH-98 (from Ch. 00+000 to Ch. 65+100)



GPS Nos.	Latitude (DMS)	Longitude (DMS)
95	25° 43' 27.35959830" N	087° 56' 09.91072245" E
96	25° 43' 27.32731145" N	087° 56' 10.06989901" E
97	25° 43' 27.24295161" N	087° 56' 10.45547606" E
98	25° 43' 27.19137484" N	087° 56' 10.60464009" E

S.No	Village Name	Existing Chainage (Km)		Existing ROW Width (m)			Length (m)	Existing Pavement Width (m)			Road Formation Width (m)			Required Forest Width (m)			Total Required Forest Area (in Ha)
		From	To	Total	LHS	RHS		LHS	RHS	Total	LHS	RHS	Total	LHS	RHS	Total	
84	Haripur	61.100	61.650	20.000	10.000	10.000	550	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	0.495
85	Dulhapur	61.650	63.500	20.000	10.000	10.000	1850	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	1.665

USER AGENCY



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BSRDCL
P.U., Katihar at Purnea
BSRDC Patna
Bihar State Road Development Corporation Ltd. Patna

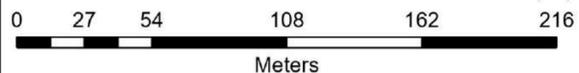
CONSULTANT



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MAP SCALE

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Meters

LEGEND

- Chainages
- GPS Co-ordinates
- Road Center Line

Layer

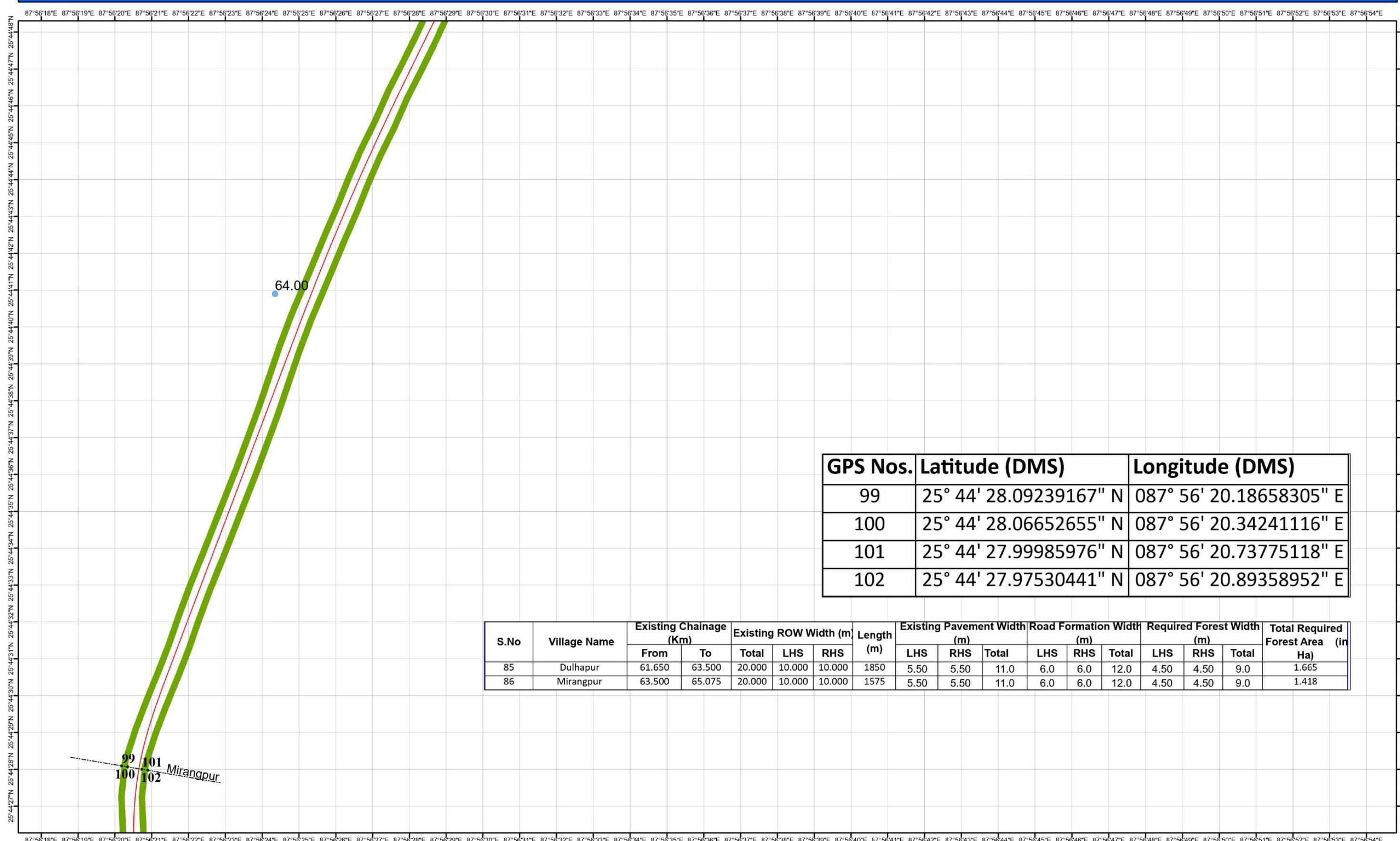
- Non Forest Land
- Protect Forest Land

PROJECT

Upgradation of Katihar-Balrampur Section of SH-98 from Existing Km 0.000 to Km 65.100 into 2-Lane in Katihar District in the State of Bihar

Protected Forest in Katihar Division

Digital GIS Map of Proposed Katihar-Balrampur Section of SH-98 (from Ch. 00+000 to Ch. 65+100)



GPS Nos.	Latitude (DMS)	Longitude (DMS)
99	25° 44' 28.09239167" N	087° 56' 20.18658305" E
100	25° 44' 28.06652655" N	087° 56' 20.34241116" E
101	25° 44' 27.99985976" N	087° 56' 20.73775118" E
102	25° 44' 27.97530441" N	087° 56' 20.89358952" E

S.No	Village Name	Existing Chainage (Km)		Existing ROW Width (m)			Length (m)	Existing Pavement Width (m)			Road Formation Width (m)			Required Forest Width (m)			Total Required Forest Area (in Ha)
		From	To	Total	LHS	RHS		LHS	RHS	Total	LHS	RHS	Total	LHS	RHS	Total	
85	Dulhapur	61.650	63.500	20.000	10.000	10.000	1850	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	1.665
86	Mirangpur	63.500	65.075	20.000	10.000	10.000	1575	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	1.418

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Bihar State Road Development Corporation Ltd. Patna

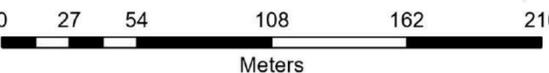
CONSULTANT



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Egis Tower , Plot No. 66, Sector-32,
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MAP SCALE

1:2,000 @A2



Meters

LEGEND

- Chainages
- GPS Co-ordinates
- Road Center Line

Layer

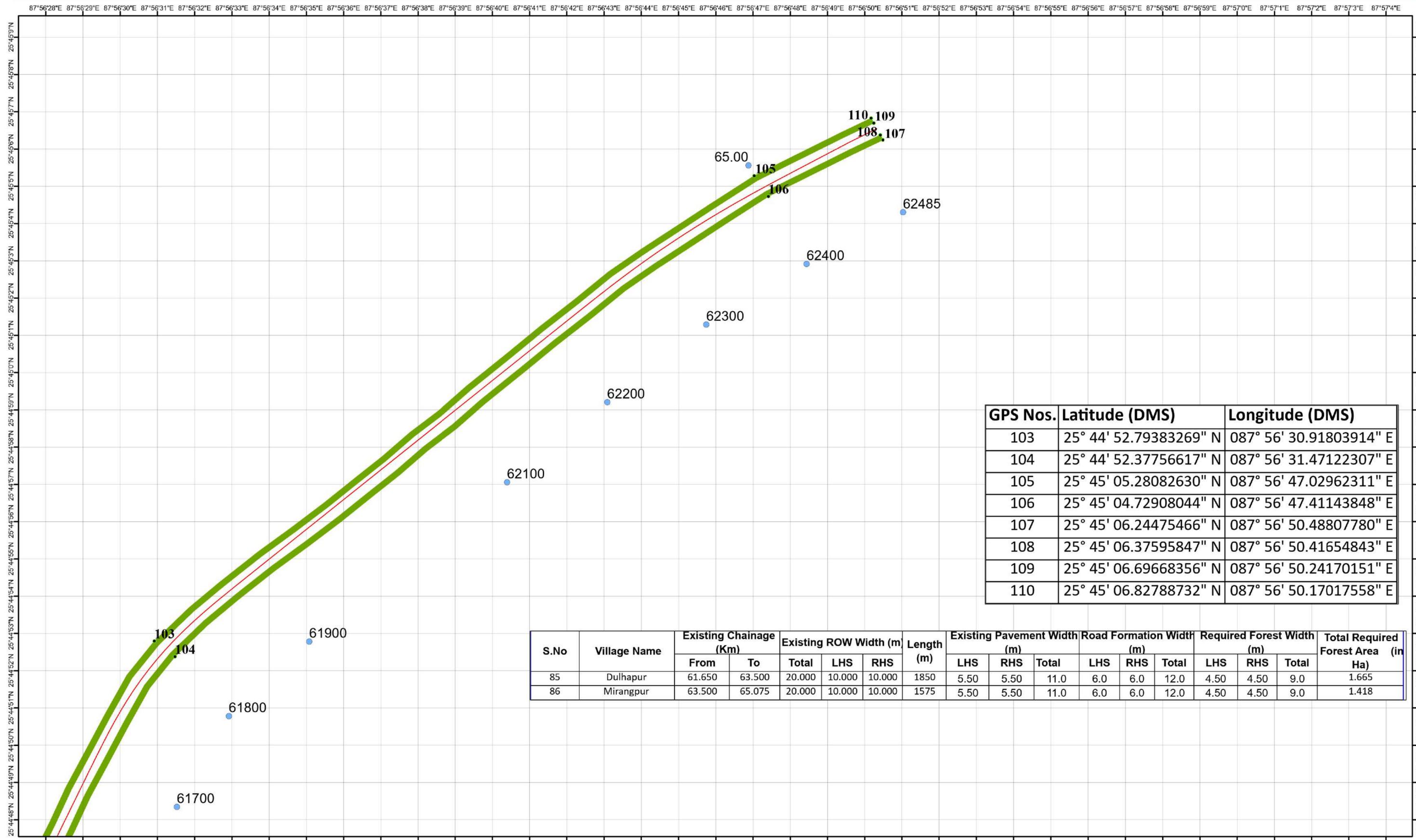
- Non Forest Land
- Protect Forest Land

PROJECT

Upgradation of Katihar-Balrampur Section of SH-98 from Existing Km 0.000 to Km 65.100 into 2-Lane in Katihar District in the State of Bihar

Protected Forest in Katihar Division

Digital GIS Map of Proposed Katihar-Balrampur Section of SH-98 (from Ch. 00+000 to Ch. 65+100)



GPS Nos.	Latitude (DMS)	Longitude (DMS)
103	25° 44' 52.79383269" N	087° 56' 30.91803914" E
104	25° 44' 52.37756617" N	087° 56' 31.47122307" E
105	25° 45' 05.28082630" N	087° 56' 47.02962311" E
106	25° 45' 04.72908044" N	087° 56' 47.41143848" E
107	25° 45' 06.24475466" N	087° 56' 50.48807780" E
108	25° 45' 06.37595847" N	087° 56' 50.41654843" E
109	25° 45' 06.69668356" N	087° 56' 50.24170151" E
110	25° 45' 06.82788732" N	087° 56' 50.17017558" E

S.No	Village Name	Existing Chainage (Km)		Existing ROW Width (m)			Length (m)	Existing Pavement Width (m)			Road Formation Width (m)			Required Forest Width (m)			Total Required Forest Area (in Ha)
		From	To	Total	LHS	RHS		LHS	RHS	Total	LHS	RHS	Total	LHS	RHS	Total	
85	Dulhapur	61.650	63.500	20.000	10.000	10.000	1850	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	1.665
86	Mirangpur	63.500	65.075	20.000	10.000	10.000	1575	5.50	5.50	11.0	6.0	6.0	12.0	4.50	4.50	9.0	1.418

USER AGENCY



BSRDC Patna
Bihar State Road Development Corporation Ltd. Patna

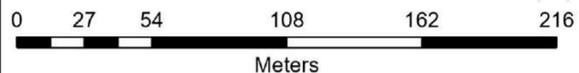
CONSULTANT



Egis India Consulting Engineers Pvt Ltd.
Egis Tower , Plot No. 66, Sector-32, Gurgaon, Haryana-122001, India

MAP SCALE

1:2,000 @A2



Meters

LEGEND

- Chainages
- GPS Co-ordinates
- Road Center Line

Layer

- Non Forest Land
- Protect Forest Land

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