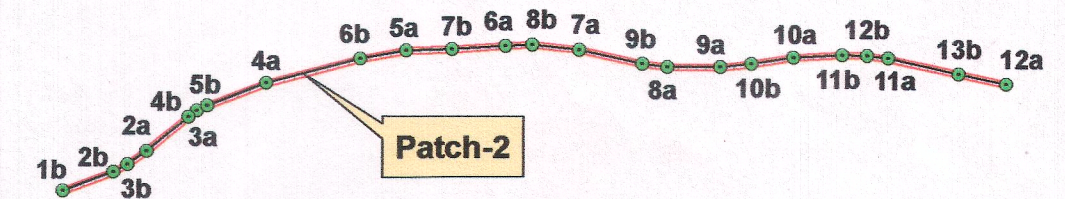
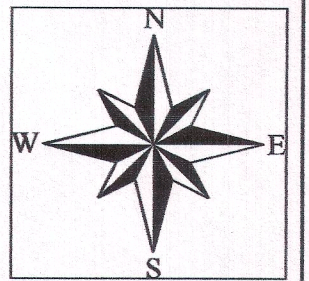


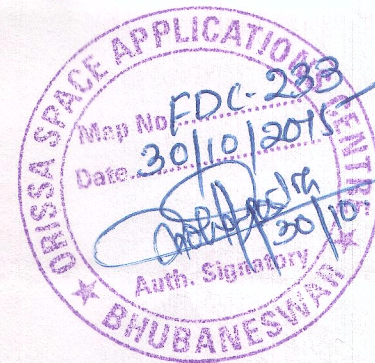
INDEX MAP SHOWING DGPS SURVEYED POINTS ALONG CENTRELINE OF NH-57 WITHIN 10 Ha. OF FOREST LAND OF BAIRIKHAMAN R.F & ARJUNPUR R.F PROPOSED FOR DIVERSION FOR IMPROVEMENT OF EXISTING 2 LANE ROAD (NH-57) IN SONEPUR DISTRICT FOR EXECUTIVE ENGINEER, N.H DIVISION, BOLANGIR

SCALE - 1:25,000
0 220 440 880 1,320 1,760 2,200 Meters



- DGPS Survey of forest areas proposed for diversion by N.H.-57 under up-gradation & rehabilitation programme in Sonepur District has been carried out by the Executive Engineer, N.H. Division, Bolangir through M/s. Maptech Solutions Pvt. Ltd., Bhubaneswar.
- The surveyed co-ordinates are verified by ORSAC. Also the map showing forest areas proposed for diversion are verified with survey co-ordinates and found that the map is correct at a confidence level of 95%.
- On the centre line of the road survey has been carried out and on both side of the surveyed line 10m buffer zone is drawn and marked with forest areas proposed for diversion.
- All the forest areas proposed for diversion comes under Reserve Forest Category and shown in two patches. Total forest area proposed for diversion works out to 10.155 Ha. (Patch-I-3.640 Ha. and Patch-II-6.515 Ha.) from the submitted shpf files against the mentioned 10 Ha.

(Signature)
30/10/2015
(Ashok Mohapatra)
Assistant Engineer



DGPS OBSERVATION COORDINATES OF CENTRE LINE OF NH-57 PASSING THROUGH R.F AREA FOR IMPROVEMENT OF EXISTING 2 LANE ROAD (NH-57)

ID	Easting	Northing	Longitude	Latitude
1c	784030.897	2300609.605	E83°43'41.69181"	N20°47'01.29921"
1d	784089.723	2300637.155	E83°43'43.74038"	N20°47'02.16203"
2c	784136.543	2300671.383	E83°43'45.37801"	N20°47'03.24845"
2d	784517.568	2300954.848	E83°43'58.70837"	N20°47'12.24920"
3c	784640.420	2301046.664	E83°44'03.00674"	N20°47'15.16485"
3d	784971.193	2301289.922	E83°44'14.57783"	N20°47'22.88650"
4d	785176.372	2301442.556	E83°44'21.75658"	N20°47'27.73266"
4c	785285.480	2301529.263	E83°44'25.57731"	N20°47'30.48970"
5c	785341.756	2301580.201	E83°44'27.55166"	N20°47'32.11368"
5d	785480.268	2301706.328	E83°44'32.41158"	N20°47'36.13525"
1b	794153.008	2308108.685	E83°49'35.94128"	N20°50'59.27881"
2b	794321.183	2308171.922	E83°49'41.79222"	N20°51'01.23729"
3b	794368.489	2308197.543	E83°49'43.44282"	N20°51'02.04265"
2a	794431.678	2308243.023	E83°49'45.65443"	N20°51'03.48414"
4b	794570.054	2308357.654	E83°49'50.50675"	N20°51'07.12929"
3a	794599.255	2308378.488	E83°49'51.52871"	N20°51'07.78947"
5b	794631.576	2308394.707	E83°49'52.65569"	N20°51'08.29792"
4a	794827.171	2308470.253	E83°49'59.46198"	N20°51'10.64041"
6b	795137.355	2308553.121	E83°50'10.23328"	N20°51'13.15507"
5a	795290.310	2308581.549	E83°50'15.53718"	N20°51'13.99099"
7b	795443.384	2308585.997	E83°50'20.83056"	N20°51'14.04775"
6a	795620.300	2308596.920	E83°50'26.95196"	N20°51'14.30110"
8b	795710.127	2308601.393	E83°50'30.05937"	N20°51'14.39486"
7a	795865.070	2308584.426	E83°50'35.40424"	N20°51'13.75467"
9b	796072.695	2308537.345	E83°50'42.55153"	N20°51'12.10578"
8a	796155.714	2308526.830	E83°50'45.41445"	N20°51'11.71643"
9a	796332.841	2308525.213	E83°50'51.53541"	N20°51'11.56202"
10b	796434.048	2308537.113	E83°50'55.04063"	N20°51'11.89039"
10a	796573.355	2308558.682	E83°50'59.86864"	N20°51'12.51098"
11b	796735.041	2308567.017	E83°51'05.46199"	N20°51'12.68865"
12b	796886.874	2308555.113	E83°51'10.70241"	N20°51'12.21439"
11a	796815.931	2308565.332	E83°51'08.25670"	N20°51'12.58729"
13b	797121.849	2308503.451	E83°51'18.79196"	N20°51'10.40053"
12a	797278.522	2308469.758	E83°51'24.18624"	N20°51'09.21549"

Legend

- DGPS Observations along Centreline of NH-57 passing through Reserve Forest Area
- Centre Line of NH-57 passing through Reserve Forest Area
- NH Corridor (20 mtr. width)
- ▨ Forest Area proposed for diversion

Disclaimer: Centreline points along NH-57 has been surveyed as shown by user agency on the ground

Area Statistics of Forest Patch within Reserve Forest Area					
Sl.No.	Patch	R.F Name	Map Area (Ha.)	Area as per Record (Ha.)	Difference (Ha.)
1	Patch-1	Bairikhaman R.F	3.640	-	-
2	Patch-2	Arjunpur R.F	6.515	-	-
Total Area			10.155	10	0.155

DGPS SURVEY CONDUCTED & MAP PREPARED BY:
MAPTECH SOLUTIONS PVT. LTD.
N-5/111, GROUND FLOOR
JAYDEV VIHAR
BHUBANESWAR

