

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport & Highways)

परियोजना कार्यान्वयन इकाई, नेल्लोर, आंध्र.

Project Implementation Unit, Nellore, A.P.

जी.एन.टी. राड, के साथ बाईपास रोड जंक्शन, वेदयापालेम, नेल्लोर - ५२४ ००४, आंध्र.

Bypass Road Junction with Old GNT Road, Vedayapalem, Nellore - 524 004, A.P.

19016/3-Vol.1/NHAI/PIU/NLR/SMC/BDWL-NLR-677/2022-2141



दूरभाष : Ph No : 0861-2366040

ई-मेल : email : nel@nhai.org,
nhainel@gmail.com



भारतमाला
प्रगति के पथ पर अग्रसर
BHARATMALA
ROAD TO PROSPERITY

Date: 05.01.2023

To

The Director, IA-III (Infra-1)

Ministry of Environment, Forest and Climate Change

Indra Paryavaran Bhawan, Aliganj

Jor Bagh Marg, New Delhi

Subject: Development of 4 lane Highway from Madakalavaripalli Village (Ch: 630+960) in Y.S.R Kadapa district to Guruvindapudi village (Ch:739+091) in Nellore district of Andhra Pradesh under Bharatmala Prayojana (Lot-5/Package-1)

Ref: Proposal No -IA/AP/NCP/ 293465/2022 and File No. 10/45/2022-IA.III

Sir,

This project was considered by EAC during its 316th meeting held on 15th December 2022. Committee members deferred this project and sought some clarification information for further re-consideration.

- i. The above mention section from Ch: 630+960 to Ch:739+091 is away from the boundary of ESZ (MoEF&CC final ESZ Notification S. No. 2936(E) dated 28.08.2020). The desired alignment map with boundary of protected area(Red colour), boundary of ESZ(Pink colour) and proposed road alignment (Black colour) is shown in enclosed map.
- ii. NHAI proposed to construct major bridge from Ch: 677+135 to Ch:678+935 on Penna river. Further minor bridge and cross drainage structure are also proposed to be designed as per detailed geo-hydrological study to cater surface runoff including balancing culverts and so on. It may be mentioned that proposed alignment passes through 4 ponds, NHAI proposed to design the road in such a manner so that minimum impact on the water body/ ponds by providing the structure and the other side of the pond will be improved in such a manner so that entire volumetric capacity will be remained unchanged and also no waterbody bond will be disturbed.
- iii. The development of 4 lane carriageway from the existing 2 lane with paved shoulder from Ch:639+960. to Ch:654+400 widening works and 4 lane green field development from Ch: 654+400 Ch: 739+091 is going on. It may be mentioned that existing ROW from chainage Ch:639+960. to Ch:654+400. average 20m. NHAI developing 4 lane road within restricted ROW of 30m in forest area including some realignment to improve the curve and accident area.
The proposal for diversion of forest area 27.575 ha is under process. Wherein join enumeration and DGPS survey is under process with the state Govt. the details of the forest area are under -

Y

S. No.	Forest Name	Compartment	Design Chainage (km)		Length (km)	Area (ha.)
			To	From		
1	Gopavaram RF	322	640.441	640.444	0.003	0.324
			641.185	641.282	0.097	
			641.749	642.105	0.356	
			642.337	642.395	0.058	
			642.741	642.829	0.088	
		323	640.348	641.87	1.522	3.802
			642.059	642.83	0.771	
		324	639.532	639.67	0.138	0.078
332	634.414	638.506	4.092	3.17		
Total					7.125	7.374
2	Udayagiri Velikonda RF	409	645.72	647.264	1.544	4.182
			647.568	648.455	0.887	
		410	644.818	645.718	0.900	1.102
		411	644.903	644.952	0.049	1.947
			647.192	648.125	0.933	
			648.275	649.083	0.808	
		412	649.45	649.553	0.103	4.553
			642.828	642.861	0.033	
			643.088	643.956	0.868	
			644.504	644.904	0.400	
		413	643.922	644.78	0.858	0.622
			642.827	643.102	0.275	
		Total				
3	Bommavaram RF	388	661.252	661.469	0.217	0.168
4	Chittaluru RF	269	698.08	699.529	1.449	6.055
5	Yeturu RF	271	702.272	702.43	0.158	0.072
6	Ponguru Unreserved Forest		664.695	665.965	1.270	1.5
Grand Total					17.877	27.575

- iv. The proposed segment of road from Badvel to Nellore of length 108.131 is part of corridor from Mydukur to Krishnapatnam port section and rest of the corridor are as under

S. No.	Corridor	Chainage (km)		Remarks
1.	Mydukur to Badvel (NH-67)	585.820	630.960	4-lane under construction
2.	Badvel to Nellore (NH-67)	630.960	739.091	4-lane under DPR stage
3.	Nellore to Krishnapatnam port (NH-67)	0.000	19.300	4-lane to 6-Lane upgradation under construction

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- v. The proposed alignment is neither passing through the Penusila Natrashima Sanctuary WLS nor passing through the ESZ. However, it is passing through the Penna River, where NHAI proposed the Major bridge. If further MoEF&CC sub-committee decide to visit, they again visit the site urgently so that proposal may be considered in the next EAC meeting held in the 10th - 11th January 2022.

[Handwritten signature]
05/01/23

Yours Faithfully
T. Goverdhan
05/01/2023
(T Goverdhan)
DGM(T) & Project Director
NHAI, PIU Nellore (AP)

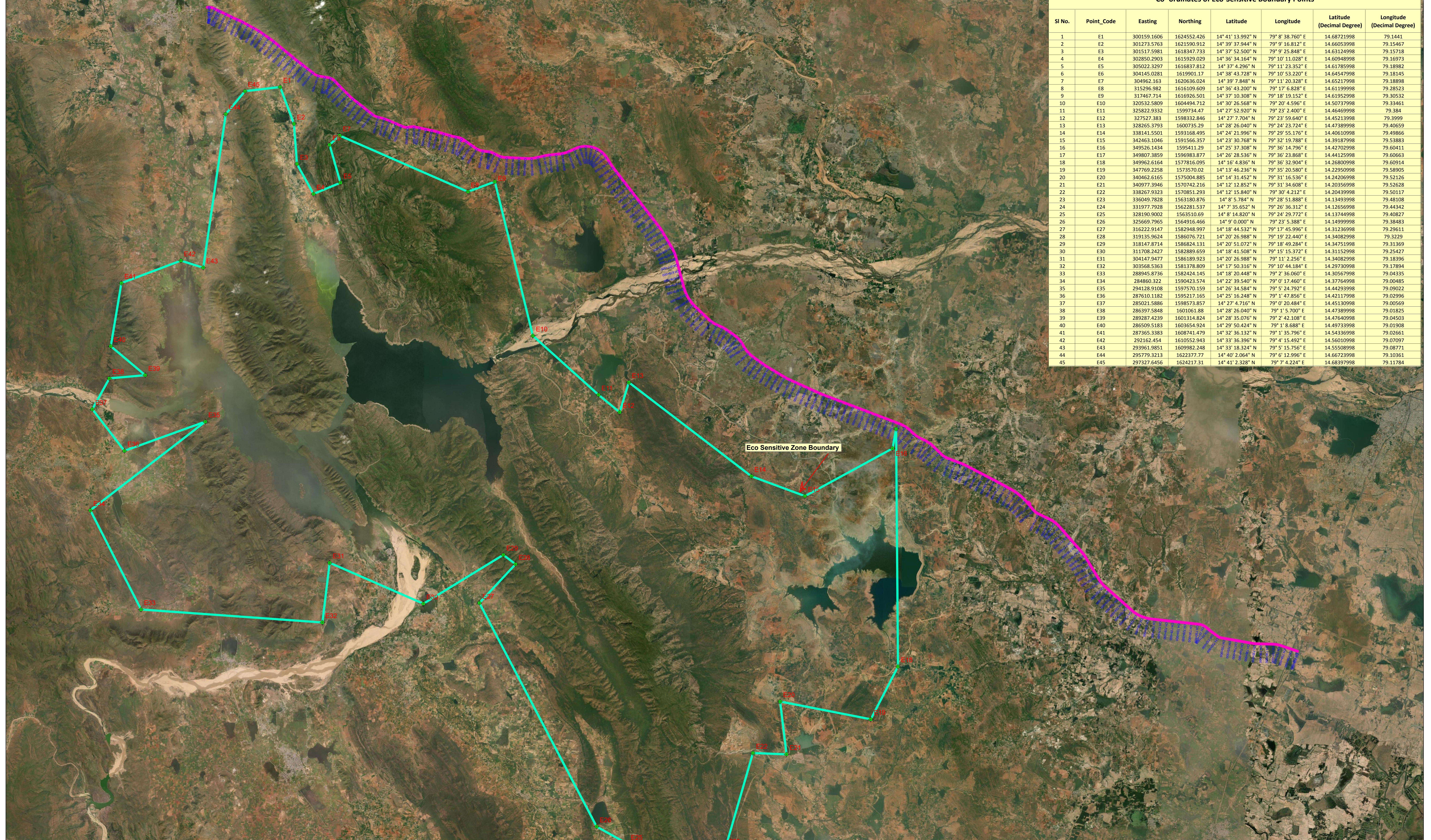
ECO SENSITIVE ZONE BOUNDARY PROPOSAL FOR DEVELOPMENT OF 4 LANE HIGHWAY FROM BADVEL TO NELLORE OF ICR-15 IN THE STATE OF ANDHRA PRADESH



SCALE :- 1:20000

Co-ordinates of Eco-Sensitive Boundary Points

Sl No.	Point_Code	Easting	Northing	Latitude	Longitude	Latitude (Decimal Degree)	Longitude (Decimal Degree)
1	E1	300159.1606	1624552.426	14° 41' 13.992" N	79° 8' 38.760" E	14.68721998	79.1441
2	E2	301273.5763	1621590.912	14° 39' 37.944" N	79° 9' 16.612" E	14.66053998	79.15467
3	E3	301517.5981	1618347.733	14° 37' 52.500" N	79° 9' 25.848" E	14.63124998	79.15718
4	E4	302850.2903	1615929.029	14° 36' 34.164" N	79° 10' 11.028" E	14.60948998	79.16973
5	E5	305022.3297	1616837.812	14° 37' 4.296" N	79° 11' 23.352" E	14.61785998	79.18982
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10	E10	320532.5809	1604494.712	14° 30' 26.568" N	79° 20' 4.596" E	14.50737998	79.33461
11	E11	325822.9332	1599734.47	14° 27' 52.920" N	79° 23' 2.400" E	14.46469998	79.384
12	E12	327527.383	1598332.846	14° 27' 7.704" N	79° 23' 59.640" E	14.45213998	79.3999
13	E13	328265.3793	1600735.29	14° 28' 26.040" N	79° 24' 23.724" E	14.47389998	79.40659
14	E14	338141.5501	1593168.495	14° 24' 21.996" N	79° 29' 55.176" E	14.40610998	79.49866
15	E15	342463.1046	1591566.357	14° 23' 30.768" N	79° 32' 19.788" E	14.39187998	79.53883
16	E16	349526.1434	1595411.29	14° 25' 37.308" N	79° 36' 14.796" E	14.42702998	79.60411
17	E17	349807.3859	1596983.877	14° 26' 28.536" N	79° 36' 23.868" E	14.44159998	79.60663
18	E18	349962.6164	1577816.095	14° 16' 4.836" N	79° 36' 32.904" E	14.26800998	79.60914
19	E19	347769.2258	1573570.02	14° 13' 46.236" N	79° 35' 20.580" E	14.22950998	79.58905
20	E20	340462.6165	1575004.885	14° 14' 31.452" N	79° 31' 16.536" E	14.24206998	79.52126
21	E21	340977.3946	1570742.216	14° 12' 12.852" N	79° 31' 34.608" E	14.20356998	79.52628
22	E22	338267.9323	1570851.293	14° 12' 15.840" N	79° 30' 4.212" E	14.20439998	79.50117
23	E23	336049.7828	1563180.876	14° 8' 5.784" N	79° 28' 51.888" E	14.13493998	79.48108
24	E24	331977.7928	1562281.537	14° 7' 35.652" N	79° 23' 5.388" E	14.12656998	79.44342
25	E25	328190.9002	1563510.69	14° 8' 14.820" N	79° 24' 29.772" E	14.13744998	79.40827
26	E26	325669.7965	1564916.466	14° 9' 0.000" N	79° 23' 5.388" E	14.14999998	79.38483
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31	E31	304147.9477	1586189.923	14° 20' 26.988" N	79° 11' 2.256" E	14.34082998	79.18396
32	E32	303568.5363	1581378.809	14° 17' 50.316" N	79° 10' 44.184" E	14.29730998	79.17894
33	E33	288945.3736	1582424.145	14° 18' 20.448" N	79° 2' 26.060" E	14.30567998	79.04235
34	E34	284860.322	1590423.574	14° 22' 39.540" N	79° 0' 17.460" E	14.37764998	79.00485
35	E35	294128.9108	1597570.159	14° 26' 34.584" N	79° 5' 24.792" E	14.44293998	79.09022
36	E36	287610.1182	1595217.165	14° 25' 16.248" N	79° 1' 47.856" E	14.42117998	79.02996
37	E37	285021.5886	1598573.857	14° 27' 4.716" N	79° 0' 20.484" E	14.45109998	79.00569
38	E38	286397.5848	1601061.88	14° 28' 26.040" N	79° 1' 5.700" E	14.47389998	79.01825
39	E39	289287.4239	1601314.824	14° 28' 35.076" N	79° 2' 42.108" E	14.47640998	79.04503
40	E40	286509.5183	1603654.924	14° 29' 50.424" N	79° 1' 8.688" E	14.49733998	79.01908
41	E41	287365.3383	1608741.479	14° 32' 36.132" N	79° 1' 35.796" E	14.54336998	79.02661
42	E42	292162.454	1610552.943	14° 33' 36.396" N	79° 4' 15.492" E	14.56010998	79.07097
43	E43	293961.9851	1609982.248	14° 33' 18.324" N	79° 5' 15.756" E	14.55508998	79.08771
44	E44	295779.3213	1622377.77	14° 40' 2.064" N	79° 6' 12.996" E	14.66723998	79.10361
45	E45	297327.6456	1624217.31	14° 41' 2.328" N	79° 7' 4.224" E	14.68397998	79.11784



Legend

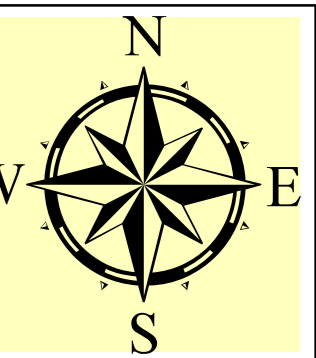
- ◆ ECZ-POINT
- ECO_SENSITIVE_ZONE_BOUNDARY
- PROPOSED-ROW

S.M.C. CONSULTANTS
(An ISO 9001:2008 Certified Organization)

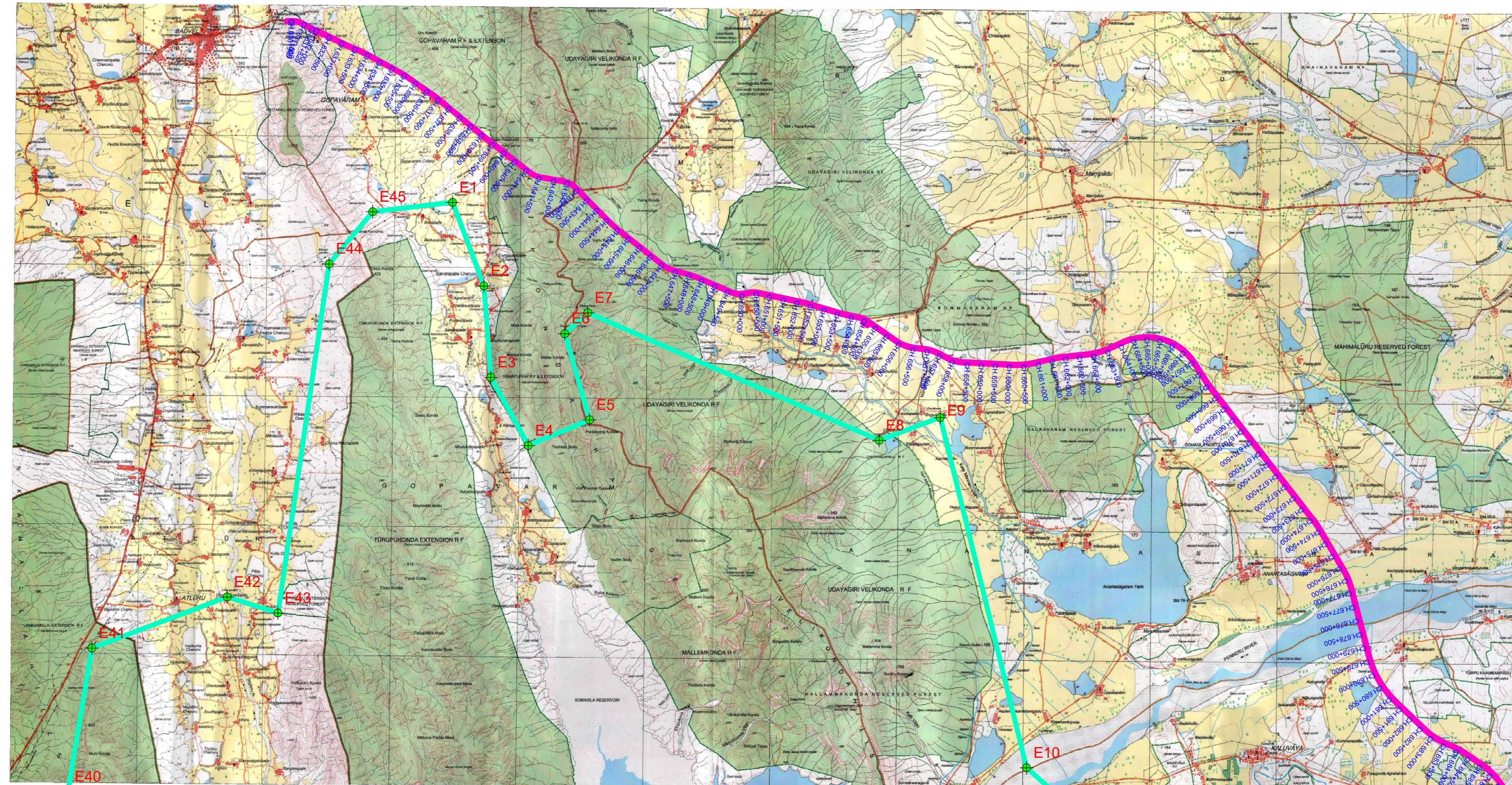
DELHI BHUBANESHWAR BANGALORE PORT BLAIR BANGALURU
 E MAIL: smp@smcconsultants.com www.smcconsultants.com

Source: BDA, Vizag, Andhra Pradesh

ECO SENSITIVE ZONE BOUNDARY PROPOSAL FOR DEVELOPMENT OF 4 LANE HIGHWAY FROM BADVEL TO NELLORE OF ICR-15 IN THE STATE OF ANDHRA PRADESH

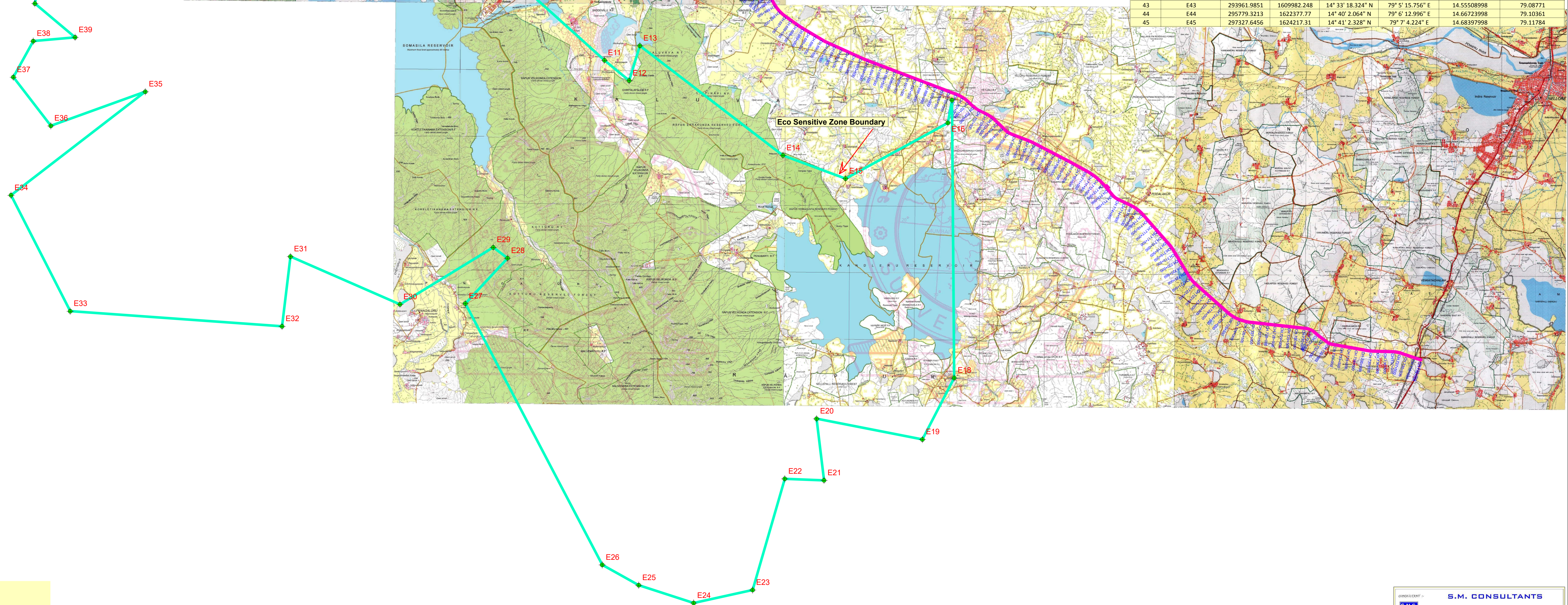


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Legend
 ◆ ECZ-POINT
 — ECO_SENSITIVE_ZONE_BOUNDARY
 — PROPOSED-ROW



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सडक परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport & Highways)

परियोजना कार्यान्वयन इकाई, नेल्लोर, आंध्र.

Project Implementation Unit, Nellore, A.P.

जी.एन.टी. राड, के साध बाईपास रोड जंक्शन, वेदयापालेम, नेल्लोर - ५२४ ००४, आंध्र.

Bypass Road Junction with Old GNT Road, Vedayapalem, Nellore - 524 004, A.P.



सत्यमेव जयते

दूरभाष : Ph No : 0861-2366040

ई-मेल : email : nel@nhai.org,
nhainel@gmail.com



भारतमाला
प्रगति के पथ पर अग्रसर
BHARATMALA
ROAD TO PROSPERITY

Ref: 19016/1-Vol/NHAI/PIU/NLR/SMC/BDWL-NLR-67/2022-२०२१ Dated: 20.12.2022

To
The District Forest Officer
SPSR Nellore.

Sub: NHAI, PIU, Nellore- Consultancy services for preparation of DPR for development of Economic Corridors, Inter corridors and feeder routes to improve the efficiency of freight movements in India under Bharatmala Pariyojana (Lot-5) package 1) Four Lane of Badvel to Nellore Section of NH-67 from Km.630.960 to Km 695.100 Under Package-I & Km.695.100 to Km. 739.091 under Package-II - Information required ESZ of Sri Penusila Narasimha Wildlife Sanctuary-Reg

Ref: 1. SMC/BBSR/HIGH/NHAI-NELLORE/2022-2023/2226/2158 Dated 08.09.2022
2. 19016/1-Vol.I/NHAI/PIU/NLR/SMC/BDWL-NLR-67/2022/1481 Dated 17.09.2022.

Sir,

With reference to the subject matter cited, wherein to state that the boundary points of ESZ of Sri Penusila Narasimha Wildlife Sanctuary notified under Gazette Notification of MoEF&CC dated 28th Aug 2020 have been superimposed in google earth in order to check the ESZ area affected by the subject Proposed Right of Way (ROW) and it has been found that the Proposed ROW of Badvel to Nellore Project road does not fall within ESZ Boundary. However, authentication is requested from MOEF&CC, New Delhi.

Hence, it is requested to authenticate the ESZ Boundary with the Proposed Right of Way (ROW) of the subject Project (Superimposed Map is enclosed) and further, requested to forward the enclosed Superimposed maps after authentication to MOEF&CC, New Delhi.

Encl: As above



Yours faithfully,

T. Govardhan
20/12/2022

(T.Govardhan)

DGM (T) & Project Director
NHAI, PIU- Nellore (AP)

Copy to:

1. RO-Vijayawada- For Information Please.

उपाबंध-V

की गई कार्रवाई की रिपोर्ट का रूप विधान

1. बैठकों की संख्या और तारीख ।
2. बैठकों का कार्यवृत्त : (कृपया मुख्य उल्लेखनीय बिंदुओं का उल्लेख करें। बैठक के कार्यवृत्त को एक पृथक उपाबंध में उपाबद्ध करें) ।
3. आंचलिक महायोजना की तैयारी की प्रास्थिति जिसके अधीन पर्यटन महायोजना भी है।
4. भू-अभिलेख में सदृश्य त्रुटियों के सुधार के लिए ब्यौहार किए गए मामलों का सारांश (पारिस्थितिकी संवेदी जोन वार) । ब्यौरे उपाबंध के रूप में संलग्न किए जाएं।
5. पर्यावरण समाघात निर्धारण अधिसूचना, 2006 के अधीन आने वाले क्रियाकलापों की संवीक्षा के मामलों का सारांश। (ब्यौरे एक पृथक् उपाबंध के रूप में संलग्न किए जाएं)।
6. पर्यावरण समाघात निर्धारण अधिसूचना, 2006 के अधीन न आने वाली गतिविधियों की संवीक्षा के मामलों का सारांश । (ब्यौरे एक पृथक् उपाबंध के रूप में संलग्न किए जाएं)।
7. पर्यावरण (संरक्षण) अधिनियम, 1986 की धारा 19 के अधीन दर्ज की गई शिकायतों का सारांश ।
8. कोई अन्य महत्वपूर्ण विषय ।

MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

NOTIFICATION

New Delhi, the 28th August, 2020

S.O. 2936(E).—WHEREAS, a draft notification was published in the Gazette of India, Extraordinary, *vide* notification of the Government of India in the Ministry of Environment, Forest and Climate Change number S.O. 36(E), dated the 2nd January, 2018, inviting objections and suggestions from all persons likely to be affected thereby within the period of sixty days from the date on which copies of the Gazette containing the said notification were made available to the public;

AND WHEREAS, copies of the Gazette containing the said draft notification were made available to the public on the 3rd January, 2018;

AND WHEREAS, no objections and suggestions were received from persons and stakeholders in response to the draft notification;

AND WHEREAS, the Sri Penusila Narasimha Wildlife Sanctuary spreading over an area of 1030.85 square kilometres is located in two revenue districts (Sri Potti Sriramulu Nellore District Nellore and Kadapa) in the State of Andhra Pradesh. The Penusila Narasimha Wildlife Sanctuary is located between two important hill passes known as “Badvel – Sri Potti Sriramulu Nellore - Nellore road” passing on the North, Rapur – Chitvel road passing on the South, Podalakur-Somasila road on the East, Kadapa – Rajampet road on the South and Sidhavatam – Badvel road on the West. This Sanctuary spreads in three forest circles such as Guntur, Kurnool and Wildlife Management Circle, Tirupathi, four forest divisions i.e. Nellore, Rajampet, Kadapa and Proddatur;

AND WHEREAS, the Sri Penusila Narasimha Wildlife Sanctuary lies between 14.161530 and 14.677480 N latitudes and 78.984510 and 79.629500 E longitudes. Two big water bodies *viz.*, the Kandaleru Reservoir and Somasila Reservoir are exists inside the Sanctuary;

AND WHEREAS, the Sri Penusila Narasimha Wildlife Sanctuary had been declared as Wildlife Sanctuary under the provision of section 18 of the Wildlife (Protection) Act, 1972 (53 of 1972) vide Government of Andhra Pradesh, the Environment Forest and Science and Technology, (For III) G.O M.s. No. 106, dated the 15th September 1997;

AND WHEREAS, this Sanctuary is a domain of rich habitat for unexplored bio- diversity, especially many endangered flora and its associated fauna. The Sanctuary is ornamented with mosaic of geomorphological features supporting variety of flora and fauna. Most of the Sanctuary possess hilly terrain with plateaus, ridges, gorges and deep valleys which support dry deciduous forests with an under growth of grasses. Dry thorny and dry evergreen forests surround the fringe;

AND WHEREAS, the forests of Nellore, Rajampeta, Kadapa and Proddatur divisions are comprised of mainly superior dry deciduous types. The most common species occurring are *Pterocarpus santalinus*, *Anogeissus latifolia*, *Terminalia tomentosa*, *Pterocarpus marsupium*, *Hardwick iabinata*, *Chloroxylon swietenia*, *Lannea grandis*, *Boswellia serrata*, *Dalbergia paniculata*, *Zizyphus xylopyrus* and *Lagerstroemia parviflora*, etc.;

AND WHEREAS, the topography of the Sanctuary enables the occurrence of varied micro and macro habitats to shelter variety of fauna. The upper plateaus, dry tracts of fringe areas with lofty hill slopes in the centre, numerous hill streams, valleys and deep gorges, rock shelters, wood lands, bamboo forests contribute to the existence of a variety of wildlife species. Under the zoogeographic classification, this area comes under Indo-Malayan region (Cis-Gangetic sub-region) native to the true Indian fauna like the black buck (*Antelope cervicapa*) and four horned antelope (*Tetracerus quadricornis*);

AND WHEREAS, among the most obvious keystone species are top predators like anther (*Panthera pardus*), wild dog (*Lycaon pictus*), etc. Bats are another example of keystone species of this area;

AND WHEREAS, it is necessary to conserve and protect the area, the extent and boundaries of Sri Penusila Narasimha Wildlife Sanctuary which are specified in paragraph 1 as Eco-sensitive Zone from ecological, environmental and biodiversity point of view and to prohibit industries or class of industries and their operations and processes in the said Eco-sensitive Zone;

AND WHEREAS, requisite additional information for finalisation of the draft notification was submitted by the State Government on the 28th March, 2019. However, the process of final notification was halt for few days due to Model Code of Conduct from the Election Commission of India and the above draft notification completed 545 days on 1st July, 2019. As a result, the State Government requested to consider the proposal of publication of final notification exercising powers under sub-rules (4) of the rule (5) of the Environment (Protection) Rules, 1986;

NOW, THEREFORE, in exercise of the powers conferred by sub-section (1) and clauses (v) and (xiv) of sub-section (2) and sub-section (3) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986) (hereafter in this notification referred to as the Environment Act) read with sub-rule (3) and (4) of rule 5 of the Environment (Protection) Rules, 1986, the Central Government hereby notifies an area to an extent varying from 2 kilometres to 5 kilometres around the boundary of Sri Penusila Narasimha Wildlife Sanctuary, in Sri Potti Sriramulu Nellore and Kadapa districts in the State of Andhra Pradesh as the Eco-sensitive Zone (hereafter in this notification referred to as the Eco-sensitive Zone) without the requirement of notice under clause (a) of sub-rule (3) of rule 5 of the said rules, in public interest; and details of which are as under, namely:-

1. **Extent and boundaries of Eco-sensitive Zone.** – (1) The Eco-sensitive Zone shall be to an extent of 2 kilometres to 5 kilometres around the boundary of Sri Penusila Narasimha Wildlife Sanctuary and the area of the Eco-sensitive Zone is 909.6147 square kilometres.
 - (2) The boundary description of Sri Penusila Narasimha Wildlife Sanctuary and its Eco-sensitive Zone is appended in **Annexure-I**.
 - (3) The map of the Sri Penusila Narasimha Wildlife Sanctuary demarcating Eco-sensitive Zone along with boundary details and latitudes and longitudes are appended as **Annexure-II**.
 - (4) List of geo-coordinates of the boundary of Sri Penusila Narasimha Wildlife Sanctuary and Eco-sensitive Zone are given in Table **A** and Table **B** of **Annexure-III**.
 - (5) The list of villages falling in the Eco-sensitive Zone along with their geo co-ordinates at prominent points is appended as **Annexure-IV**.
2. **Zonal Master Plan for Eco-sensitive Zone.**– (1) The State Government shall, for the purposes of the Eco-sensitive Zone prepare a Zonal Master Plan within a period of two years from the date of publication of this notification in the Official Gazette, in consultation with local people and adhering to the stipulations given in this notification for approval of the competent authority of State.

- (2) The Zonal Master Plan for the Eco-sensitive Zone shall be prepared by the State Government in such manner as is specified in this notification and also in consonance with the relevant Central and State laws and the guidelines issued by the Central Government, if any.
- (3) The Zonal Master Plan shall be prepared in consultation with the following Departments of the State Government, for integrating the ecological and environmental considerations into the said plan:-
- (i) Environment;
 - (ii) Forest and Wildlife;
 - (iii) Urban Development;
 - (iv) Tourism;
 - (v) Municipal;
 - (vi) Urban Development;
 - (vii) Public Works Department.
 - (viii) Revenue;
 - (ix) State Pollution Control Board;
 - (x) Rural Development;
 - (xi) Irrigation and Flood Control;
 - (xii) Agriculture; and
 - (xiii) Panchayati Raj.
- (4) The Zonal Master Plan shall not impose any restriction on the approved existing land use, infrastructure and activities, unless so specified in this notification and the Zonal Master Plan shall factor in improvement of all infrastructure and activities to be more efficient and eco-friendly.
- (5) The Zonal Master Plan shall provide for restoration of denuded areas, conservation of existing water bodies, management of catchment areas, watershed management, groundwater management, soil and moisture conservation, needs of local community and such other aspects of the ecology and environment that need attention.
- (6) The Zonal Master Plan shall demarcate all the existing worshipping places, villages and urban settlements, types and kinds of forests, agricultural areas, fertile lands, green area, such as, parks and like places, horticultural areas, orchards, lakes and other water bodies with supporting maps giving details of existing and proposed land use features.
- (7) The Zonal Master Plan shall regulate development in Eco-sensitive Zone and adhere to prohibited and regulated activities listed in the Table in paragraph 4 and also ensure and promote eco-friendly development for security of local communities' livelihood.
- (8) The Zonal Master Plan shall be co-terminus with the Regional Development Plan.
- (9) The Zonal Master Plan so approved shall be the reference document for the Monitoring Committee for carrying out its functions of monitoring in accordance with the provisions of this notification.
- 3. Measures to be taken by the State Government.**- The State Government shall take the following measures for giving effect to the provisions of this notification, namely:-

- (1) **Land use.**— (a) Forests, horticulture areas, agricultural areas, parks and open spaces earmarked for recreational purposes in the Eco-sensitive Zone shall not be used or converted into areas for commercial or residential or industrial activities:

Provided that the conversion of agricultural and other lands, for the purpose other than that specified at part (a) above, within the Eco-sensitive Zone may be permitted on the recommendation of the Monitoring Committee, and with the prior approval of the competent authority under Regional Town Planning Act and other rules and regulations of Central Government or State Government as applicable and *vide* provisions of this Notification, to meet the residential needs of the local residents and for activities such as:-

- (i) widening and strengthening of existing roads and construction of new roads;
- (ii) construction and renovation of infrastructure and civic amenities;
- (iii) small scale industries not causing pollution;
- (iv) cottage industries including village industries; convenience stores and local amenities supporting eco-tourism including home stay; and
- (v) promoted activities given under paragraph 4:

Provided further that no use of tribal land shall be permitted for commercial and industrial development activities without the prior approval of the competent authority under Regional Town Planning Act and other rules and regulations of the State Government and without compliance of the provisions of article 244 of the Constitution or the law for the time being in force, including the

Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 (2 of 2007):

Provided also that any error appearing in the land records within the Eco-sensitive Zone shall be corrected by the State Government, after obtaining the views of Monitoring Committee, once in each case and the correction of said error shall be intimated to the Central Government in the Ministry of Environment, Forest and Climate Change:

Provided also that the correction of error shall not include change of land use in any case except as provided under this sub-paragraph.

(b) Efforts shall be made to reforest the unused or unproductive agricultural areas with afforestation and habitat restoration activities.

(2) **Natural water bodies.**-The catchment areas of all natural springs shall be identified and plans for their conservation and rejuvenation shall be incorporated in the Zonal Master Plan and the guidelines shall be drawn up by the State Government in such a manner as to prohibit development activities at or near these areas which are detrimental to such areas.

(3) **Tourism or Eco-tourism.**- (a) All new eco-tourism activities or expansion of existing tourism activities within the Eco-sensitive Zone shall be as per the Tourism Master Plan for the Eco-sensitive Zone.

(b) The Eco-Tourism Master Plan shall be prepared by the State Department of Tourism in consultation with State Departments of Environment and Forests.

(c) The Tourism Master Plan shall form a component of the Zonal Master Plan.

(d) The Tourism Master Plan shall be drawn based on the study of carrying capacity of the Eco-sensitive Zone.

(e) The activities of eco-tourism shall be regulated as under, namely:-

(i) new construction of hotels and resorts shall not be allowed within one kilometre from the boundary of the protected area or upto the extent of the Eco-sensitive Zone whichever is nearer:

Provided that beyond the distance of one kilometre from the boundary of the protected area till the extent of the Eco-sensitive Zone, the establishment of new hotels and resorts shall be allowed only in pre-defined and designated areas for eco-tourism facilities as per Tourism Master Plan;

(ii) all new tourism activities or expansion of existing tourism activities within the Eco-sensitive Zone shall be in accordance with the guidelines issued by the Central Government in the Ministry of Environment, Forest and Climate Change and the eco-tourism guidelines issued by National Tiger Conservation Authority (as amended from time to time) with emphasis on eco-tourism, eco-education and eco-development;

(iii) until the Zonal Master Plan is approved, development for tourism and expansion of existing tourism activities shall be permitted by the concerned regulatory authorities based on the actual site specific scrutiny and recommendation of the Monitoring Committee and no new hotel, resort or commercial establishment construction shall be permitted within Eco-sensitive Zone area.

(4) **Natural heritage.**- All sites of valuable natural heritage in the Eco-sensitive Zone, such as the gene pool reserve areas, rock formations, waterfalls, springs, gorges, groves, caves, points, walks, rides, cliffs, etc. shall be identified and a heritage conservation plan shall be drawn up for their preservation and conservation as a part of the Zonal Master Plan.

(5) **Man-made heritage sites.**- Buildings, structures, artefacts, areas and precincts of historical, architectural, aesthetic, and cultural significance shall be identified in the Eco-sensitive Zone and heritage conservation plan for their conservation shall be prepared as part of the Zonal Master Plan.

(6) **Noise pollution.** - Prevention and control of noise pollution in the Eco-sensitive Zone shall be complied in accordance with the provisions of the Noise Pollution (Regulation and Control) Rules, 2000 under the Environment Act.

(7) **Air pollution.**- Prevention and control of air pollution in the Eco-sensitive Zone shall be complied in accordance with the provisions of the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981) and the rules made thereunder.

- (8) **Discharge of effluents.**- Discharge of treated effluent in Eco-sensitive Zone shall be in accordance with the provisions of the General Standards for Discharge of Environmental Pollutants covered under the Environment Act and the rules made thereunder or standards stipulated by State Government whichever is more stringent.
- (9) **Solid wastes.**- Disposal and Management of solid wastes shall be as under:-
- (a) the solid waste disposal and management in the Eco-sensitive Zone shall be carried out in accordance with the Solid Waste Management Rules, 2016, published by the Government of India in the Ministry of Environment, Forest and Climate Change *vide* notification number S.O. 1357 (E), dated the 8th April, 2016; the inorganic material may be disposed in an environmental acceptable manner at site identified outside the Eco-sensitive Zone.
- (b) safe and Environmentally Sound Management (ESM) of Solid wastes in conformity with the existing rules and regulations using identified technologies may be allowed within Eco-sensitive Zone.
- (10) **Bio-Medical Waste.**- Bio Medical Waste Management shall be as under:-
- (a) the Bio-Medical Waste disposal in the Eco-sensitive Zone shall be carried out in accordance with the Bio-Medical Waste Management, Rules, 2016 published by the Government of India in the Ministry of Environment, Forest and Climate Change *vide* notification number G.S.R 343 (E), dated the 28th March, 2016.
- (b) safe and Environmentally Sound Management of Bio-Medical Wastes in conformity with the existing rules and regulations using identified technologies may be allowed within the Eco-sensitive Zone.
- (11) **Plastic waste management.**- The plastic waste management in the Eco-sensitive Zone shall be carried out as per the provisions of the Plastic Waste Management Rules, 2016, published by the Government of India in the Ministry of Environment, Forest and Climate Change *vide* notification number G.S.R. 340(E), dated the 18th March, 2016, as amended from time to time.
- (12) **Construction and demolition waste management.**- The construction and demolition waste management in the Eco-sensitive Zone shall be carried out as per the provisions of the Construction and Demolition Waste Management Rules, 2016, published by the Government of India in the Ministry of Environment, Forest and Climate Change *vide* notification number G.S.R. 317(E), dated the 29th March, 2016, as amended from time to time.
- (13) **E-waste.**- The e-waste management in the Eco-sensitive Zone shall be carried out as per the provisions of the E-Waste Management Rules, 2016, published by the Government of India in the Ministry of Environment, Forest and Climate Change, as amended from time to time.
- (14) **Vehicular traffic.**- The vehicular movement of traffic shall be regulated in a habitat friendly manner and specific provisions in this regard shall be incorporated in the Zonal Master Plan and till such time as the Zonal Master plan is prepared and approved by the Competent Authority in the State Government, the Monitoring Committee shall monitor compliance of vehicular movement under the relevant Acts and the rules and regulations made thereunder.
- (15) **Vehicular pollution.**- Prevention and control of vehicular pollution shall be in compliance with applicable laws and efforts shall be made for use of cleaner fuels.
- (16) **Industrial units.**- (i) On or after the publication of this notification in the Official Gazette, no new polluting industries shall be permitted to be set up within the Eco-sensitive Zone;
- (ii) Only non-polluting industries shall be allowed within Eco-sensitive Zone as per the classification of Industries in the guidelines issued by the Central Pollution Control Board in February, 2016, unless so specified in this notification, and in addition, the non-polluting cottage industries shall be promoted.
- (17) **Protection of hill slopes.**- The protection of hill slopes shall be as under:-
- (a) the Zonal Master Plan shall indicate areas on hill slopes where no construction shall be permitted;
- (b) construction on existing steep hill slopes or slopes with a high degree of erosion shall not be permitted.
4. **List of activities prohibited or to be regulated within Eco-sensitive Zone.**- All activities in the Eco sensitive Zone shall be governed by the provisions of the Environment Act and the rules made there under including the Coastal Regulation Zone, 2011 and the Environmental Impact Assessment Notification, 2006

and other applicable laws including the Forest (Conservation) Act, 1980 (69 of 1980), the Indian Forest Act, 1927 (16 of 1927), the Wildlife (Protection) Act, 1972 (53 of 1972), and amendments made thereto and be regulated in the manner specified in the Table below, namely:-

TABLE

S. No.	Activity	Description
(1)	(2)	(3)
A. Prohibited Activities		
1.	Commercial mining, stone quarrying and crushing units.	(a) All new and existing mining (minor and major minerals), stone quarrying and crushing units are prohibited with immediate effect except for meeting the domestic needs of bona fide local residents including digging of earth for construction or repair of houses and for manufacture of country tiles or bricks for housing and for personal consumption; (b) The mining operations shall be carried out in accordance with the order of the Hon'ble Supreme Court dated the 4 th August, 2006 in the matter of T.N. Godavarman Thirumulpad Vs. UOI in W.P.(C) No.202 of 1995 and dated the 21 st April, 2014 in the matter of Goa Foundation Vs. UOI in W.P.(C) No.435 of 2012.
2.	Setting of industries causing pollution (Water, Air, Soil, Noise, etc.).	New industries and expansion of existing polluting industries in the Eco-sensitive Zone shall not be permitted: Provided that non-polluting industries shall be allowed within Eco-sensitive Zone as per classification of Industries in the guidelines issued by the Central Pollution Control Board in February, 2016, unless otherwise specified in this notification and in addition the non-polluting cottage industries shall be promoted.
3.	Establishment of major hydro-electric project.	Prohibited (except as otherwise provided) as per the applicable laws.
4.	Use or production or processing of any hazardous substances.	Prohibited (except as otherwise provided) as per the applicable laws.
5.	Discharge of untreated effluents in natural water bodies or land area.	Prohibited (except as otherwise provided) as per the applicable laws.
6.	Setting up of new saw mills and wood based industries.	New or expansion of existing saw mills shall not be permitted within the Eco-sensitive Zone.
7.	Commercial use of firewood.	Prohibited (except as otherwise provided) as per the applicable laws.
8.	Use of polythene bags.	Prohibited (except as otherwise provided) as per the applicable laws.
9.	Setting up of brick kilns.	Prohibited (except as otherwise provided) as per the applicable laws.
B. Regulated Activities		
10.	Commercial establishment of hotels and resorts.	No new commercial hotels and resorts shall be permitted within one kilometer of the boundary of the protected area or upto the extent of Eco-sensitive Zone, whichever is nearer, except for small temporary structures for eco-tourism activities: Provided that, beyond one kilometer from the boundary of the protected area or up to the extent of Eco-sensitive Zone

		whichever is nearer, all new tourist activities or expansion of existing activities shall be in conformity with the Tourism Master Plan and guidelines as applicable.
11.	Construction activities.	<p>(a) New commercial construction of any kind shall not be permitted within one kilometer from the boundary of the protected area or upto extent of the Eco-sensitive Zone, whichever is nearer:</p> <p>Provided that, local people shall be permitted to undertake construction in their land for their use including the activities mentioned in sub-paragraph (1) of paragraph 3 as per building bye-laws to meet the residential needs of the local residents;</p> <p>Provided further that the construction activity related to small scale industries not causing pollution shall be regulated and kept at the minimum, with the prior permission from the competent authority as per applicable rules and regulations, if any.</p> <p>(b) Beyond one kilometer it shall be regulated as per the Zonal Master Plan.</p>
12.	Felling of trees.	<p>(a) There shall be no felling of trees in the forest or Government or revenue or private lands without prior permission of the Competent Authority in the State Government;</p> <p>(b) the felling of trees shall be regulated in accordance with the provisions of the concerned Central or State Act and the rules made thereunder.</p>
13.	Establishment of large-scale commercial livestock and poultry farms by firms, corporate and companies.	Regulated (except otherwise provided) as per the applicable laws except for meeting local needs.
14.	Collection of Forest produce or Non-Timber Forest produce.	Regulated as per the applicable laws.
15.	Erection of electrical and communication towers and laying of cables and other infrastructures.	Regulated under applicable laws (underground cabling may be promoted).
16.	Infrastructure including civic amenities.	Taking measures of mitigation as per the applicable laws, rules and regulations available guidelines.
17.	Widening and strengthening of existing roads and construction of new roads.	Taking measures of mitigation as per the applicable laws, rules and regulation and available guidelines.
18.	Undertaking other activities related to tourism like flying over the Eco-sensitive Zone area by hot air balloon, helicopter, drones, Microlites, etc.	Regulated as per the applicable laws.
19.	Protection of hill slopes and river banks.	Regulated as per the applicable laws.
20.	Movement of vehicular traffic at night.	Regulated for commercial purpose under applicable laws.
21.	Discharge of treated waste water or effluents in natural water bodies or land area.	The discharge of treated waste water or effluents shall be avoided to enter into the water bodies and efforts shall be made for recycle and reuse of treated waste water. Otherwise the discharge of treated waste water or effluent shall be regulated as per the applicable laws.

22.	Commercial extraction of surface and ground water.	Regulated as per the applicable laws.
23.	Open Well, Bore Well etc. for agriculture or other usage.	Regulated as per the applicable laws and the activity should be strictly monitored by the appropriate authority.
24.	Solid waste management or Bio-medical Waste Management.	Regulated as per the applicable laws.
25.	Introduction of exotic species.	Regulated as per the applicable laws.
26.	Commercial sign boards and hoardings.	Regulated as per the applicable laws.
27.	Eco-tourism.	Regulated as per the applicable laws.
28.	Ongoing agriculture and horticulture practices by local communities along with dairies, dairy farming, aquaculture and fisheries.	Permitted as per the applicable laws for use of locals.
29.	Small scale non polluting industries.	Non polluting industries as per classification of industries issued by the Central Pollution Control Board in February, 2016 and non-hazardous, small-scale and service industry, agriculture, floriculture, horticulture or agro-based industry producing products from indigenous materials from the Eco-sensitive Zone shall be permitted by the competent Authority.
C. Promoted Activities		
30.	Organic farming.	Shall be actively promoted.
31.	Adoption of green technology for all activities.	Shall be actively promoted.
32.	Rain water harvesting.	Shall be actively promoted.
33.	Cottage industries including village artisans, etc.	Shall be actively promoted.
34.	Use of renewable energy and fuels.	Bio-gas, solar light etc. shall be actively promoted.
35.	Agro-Forestry.	Shall be actively promoted.
36.	Use of eco-friendly transport.	Shall be actively promoted.
37.	Skill Development.	Shall be actively promoted.
38.	Restoration of degraded land/ forests/ habitat.	Shall be actively promoted.
39.	Environmental awareness.	Shall be actively promoted.

5. Monitoring Committee for Monitoring the Eco-sensitive Zone Notification.- For effective monitoring of the provisions of this notification under sub-section (3) of section 3 of the Environment (Protection) Act, 1986, the Central Government hereby constitutes a Monitoring Committee, comprising of the following, namely:-

S. No.	Constituent of the Monitoring Committee	Designation
(i)	The Collector, Kadappa YSR District	Chairman, ex officio
(ii)	An expert in the area of ecology and environment to be nominated by the State Government	Member;
(iii)	Divisional Forest Officer (Wildlife), Proddatur	Member;
(iv)	A representative of Non-governmental Organisation working in the field of wildlife conservation to be nominated by the State Government	Member;

(v)	Senior Town Planner of the Area	Member;
(vi)	Representative from Andhra Pradesh, State Pollution Control Board	Member;
(vii)	A expert in Biodiversity nominated by the State Government	Member;
(viii)	Deputy Conservator of Forests (In-charge of the Sanctuary)	Member-Secretary.

6. Terms of reference. – (1) The Monitoring Committee shall monitor the compliance of the provisions of this notification.

- (2) The tenure of the Monitoring committee shall be for three years or till the re-constitution of the new Committee by the State Government and subsequently the Monitoring Committee shall be constituted by the State Government.
- (3) The activities that are covered in the Schedule to the notification of the Government of India in the erstwhile Ministry of Environment and Forests number S.O. 1533 (E), dated the 14th September, 2006, and are falling in the Eco-sensitive Zone, except for the prohibited activities as specified in the Table under paragraph 4 thereof, shall be scrutinised by the Monitoring Committee based on the actual site-specific conditions and referred to the Central Government in the Ministry of Environment, Forest and Climate Change for prior environmental clearances under the provisions of the said notification.
- (4) The activities that are not covered in the Schedule to the notification of the Government of India in the erstwhile Ministry of Environment and Forest number S.O. 1533 (E), dated the 14th September, 2006 and are falling in the Eco-sensitive Zone, except for the prohibited activities as specified in the Table under paragraph 4 thereof, shall be scrutinised by the Monitoring Committee based on the actual site-specific conditions and referred to the concerned regulatory authorities.
- (5) The Member-Secretary of the Monitoring Committee or the concerned Deputy Commissioner(s) shall be competent to file complaints under section 19 of the Environment Act, against any person who contravenes the provisions of this notification.
- (6) The Monitoring Committee may invite representatives or experts from concerned Departments, representatives from industry associations or concerned stakeholders to assist in its deliberations depending on the requirements on issue to issue basis.
- (7) The Monitoring Committee shall submit the annual action taken report of its activities as on the 31st March of every year by the 30th June of that year to the Chief Wildlife Warden in the State as per proforma appended at Annexure V.
- (8) The Central Government in the Ministry of Environment, Forest and Climate Change may give such directions, as it deems fit, to the Monitoring Committee for effective discharge of its functions.

7. The Central Government and State Government may specify additional measures, if any, for giving effect to provisions of this notification.

8. The provisions of this notification shall be subject to the orders, if any passed or to be passed by the Hon'ble Supreme Court of India or High Court or the National Green Tribunal.

[F.No. 25/34/2016-ESZ-RE]

Dr. SATISH C. GARKOTI, Scientist 'G'

ANNEXURE- I

BOUNDARY DESCRIPTION OF THE ECO-SENSITIVE ZONE OF SRI PENUSILA NARASIMHA WILDLIFE SANCTUARY IN THE STATE ANDHRA PRADESH

The boundary of the eco-sensitive zone of Sri Penusila Narasimha Wildlife Sanctuary starts at Station No. 1 located at North-West corner and it runs along the boundary of eco-sensitive zone of Sri Penusila Narasimha Wildlife Sanctuary passing through four divisions viz., Proddatur, SPSR Nellore, Rajampet and YSR Kadapa as detailed hereunder.

North (Part I): The Eco-sensitive Zone boundary line starts from Station No. 1 of Proddatur division as shown on the map. The GPS reading of Station No. 1 is 14.68722° N & 079.14410° E and runs towards East direction upto Station No. 5 in Proddatur Division. The GPS reading of Station No. 5 is 14.61786° N & 079.18982° E.

North (Part II): The Eco-sensitive Zone boundary line starts at Station No. 5 in SPSR Nellore division in the North with GPS reading 14.61786° N & 079.18982° E and runs towards North direction upto Station No. 7 along the district boundary between YSR Kadapa and SPSR Nellore, which is also the division boundary. Thence the boundary runs from Station No. 7 towards East and reaches Station No. 9 in the North-East corner.

East: The Eco-sensitive Zone boundary runs from Station No. 9 whose GPS reading is 14.61953° N & 079.30532° E and proceeds towards South direction upto Station No. 18 in SPSR Nellore division. The GPS readings of Station No.18 are 14.26801° N & 079.60914° E.

South (Part I): The Eco-sensitive Zone boundary leaves Station No. 18 and proceeds towards west upto Station No. 24 whose GPS is 14.12657° N & 079.44342° E. Finally meets the district boundary of YSR Kadapa at Station No. 24, which is also the division boundary of Rajampet division.

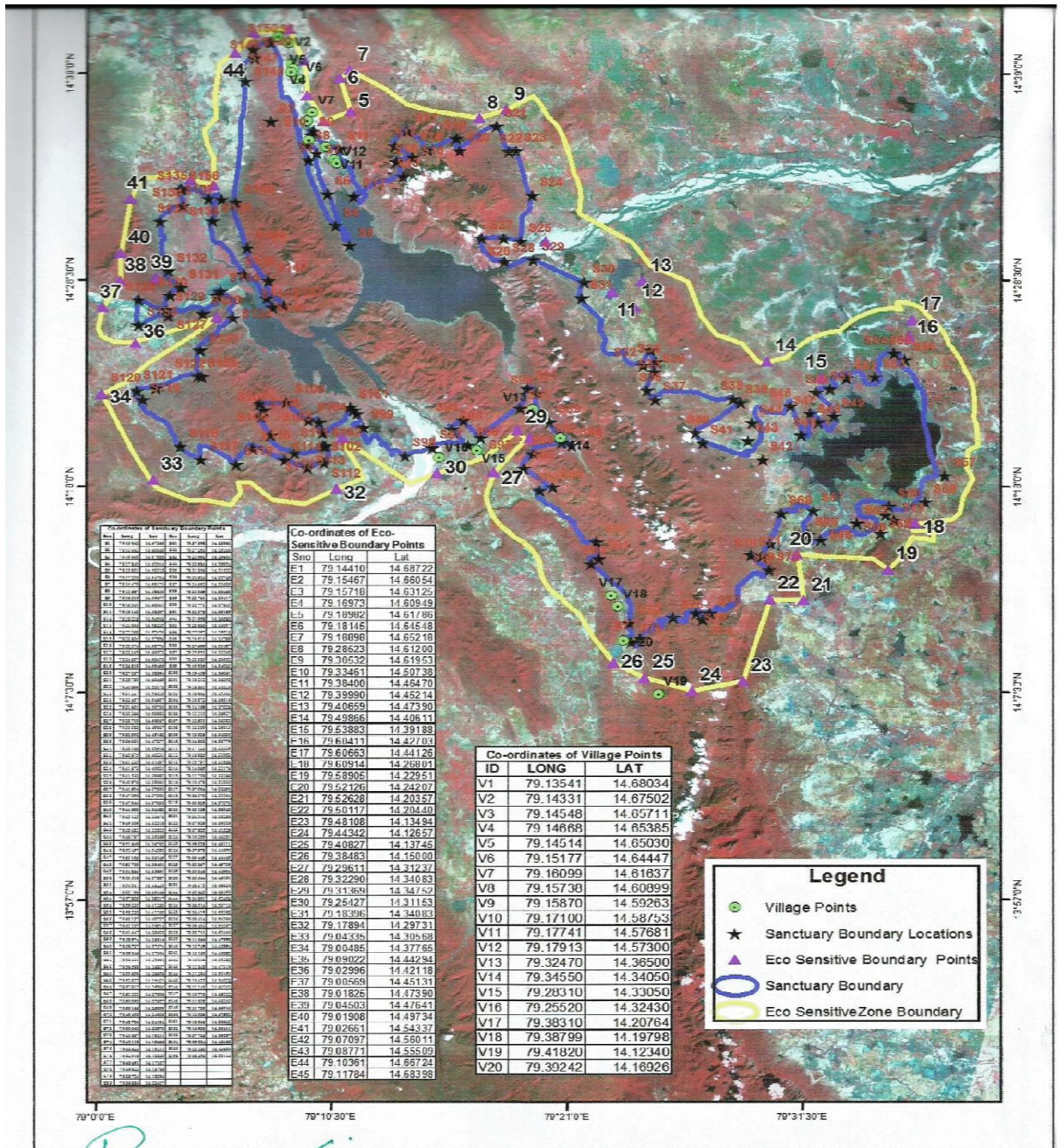
South (Part II): The Eco-sensitive Zone boundary line enters Rajampeta in the South direction at Station No. 24 and runs along the District boundary. Thence the boundary runs along the South-West direction, and finally meets the YSR Kadapa division between Stations 30 and 31.

South (Part III): The boundary line of the eco-sensitive zone enters YSR Kadapa division between Station Nos. 30 and 31 and proceeds towards Western direction upto Station No. 33 GPS reading is 14.30568° N & 079.04335° E.

West: The Eco-sensitive Zone boundary line starts at Station No. 33 in the Western direction runs towards North direction. The boundary line runs in the Northern direction and reaches the station No.45. The Eco-sensitive Zone boundary line ends at station No. 45 in Proddatur division whose GPS reading is 14.68398° N & 079.11784° E and meets Station No. 1 by closing the boundary.

ANNEXURE- II

MAP OF ECO-SENSITIVE ZONE OF SRI PENUSILA NARASIMHA WILDLIFE SANCTUARY
ALONG WITH LATITUDE AND LONGITUDE OF PROMINENT LOCATIONS



[Signature]
DFO
Kadapa

[Signature]
DFO (PAC)
WLU DIVISION
RAFAMPET

[Signature]
S. S. Reddy
P. F. O.
Nellore (S)

[Signature]
DFO (Sb.)
PRODDATUR.

ANNEXURE-III

TABLE A: GEO-COORDINATES OF PROMINENT LOCATIONS OF SRI PENUSILA NARASIMHA WILDLIFE SANCTUARY

Sl. No.	Point Code	Latitude (N) (DMS Format)	Longitude (E) (DMS Format)
1.	S1	79.13042	14.67563
2.	S2	79.13042	14.60849
3.	S3	79.15845	14.57555
4.	S4	79.17840	14.52044
5.	S5	79.18901	14.50318
6.	S6	79.17238	14.54704
7.	S7	79.16478	14.58173
8.	S8	79.15687	14.58853
9.	S9	79.16019	14.59677
10.	S10	79.16241	14.60041
11.	S11	79.18142	14.58537
12.	S12	79.19218	14.54546
13.	S13	79.22844	14.56225
14.	S14	79.22369	14.57476
15.	S15	79.23604	14.57856
16.	S16	79.22274	14.58774
17.	S17	79.23145	14.60073
18.	S18	79.24697	14.58473
19.	S19	79.26819	14.59455
20.	S20	79.27057	14.58394
21.	S21	79.29780	14.60469
22.	S22	79.30699	14.58378
23.	S23	79.31237	14.58426
24.	S24	79.32457	14.54657
25.	S25	79.31601	14.50730
26.	S26	79.30366	14.50983
27.	S27	79.28719	14.50967
28.	S28	79.30382	14.49067
29.	S29	79.32552	14.49162
30.	S30	79.36321	14.47277
31.	S31	79.36146	14.45916
32.	S32	79.40675	14.40231
33.	S33	79.41230	14.41497
34.	S34	79.41673	14.40531
35.	S35	79.41530	14.39692
36.	S36	79.40976	14.38061

37.	S37	79.41594	14.37301
38.	S38	79.47390	14.37381
39.	S39	79.47944	14.37032
40.	S40	79.44603	14.34482
41.	S41	79.45125	14.33674
42.	S42	79.49559	14.32218
43.	S43	79.48482	14.33833
44.	S44	79.48767	14.35369
45.	S45	79.51649	14.36762
46.	S46	79.52457	14.34292
47.	S47	79.53106	14.36145
48.	S48	79.53708	14.35401
49.	S49	79.54864	14.35891
50.	S50	79.53518	14.37887
51.	S51	79.54547	14.38235
52.	S52	79.55798	14.39138
53.	S53	79.57905	14.39217
54.	S54	79.59330	14.41260
55.	S55	79.59330	14.41260
56.	S56	79.60137	14.40737
57.	S57	79.63107	14.30914
58.	S58	79.61647	14.28638
59.	S59	79.58974	14.28316
60.	S60	79.58727	14.27574
61.	S61	79.59346	14.27054
62.	S62	79.58331	14.25991
63.	S63	79.56599	14.26807
64.	S64	78.55659	14.26658
65.	S65	79.53927	14.25421
66.	S66	79.52912	14.25866
67.	S67	79.53333	14.27895
68.	S68	79.50958	14.27697
69.	S69	79.50166	14.25099
70.	S70	79.49498	14.24035
71.	S71	79.48706	14.24134
72.	S72	79.50042	14.22873
73.	S73	79.45687	14.19211
74.	S74	79.45118	14.18666
75.	S75	79.44623	14.19211
76.	S76	79.42916	14.18839
77.	S77	79.40491	14.17107

78.	S78	79.39823	14.16786
79.	S79	79.39724	14.18394
80.	S80	79.36854	14.23417
81.	S81	79.37398	14.23862
82.	S82	79.37250	14.25248
83.	S83	79.32994	14.29603
84.	S84	79.33984	14.29924
85.	S85	79.31856	14.31533
86.	S86	79.32524	14.32745
87.	S87	79.34652	14.33685
88.	S88	79.35369	14.33463
89.	S89	79.33761	14.35417
90.	S90	79.32771	14.37842
91.	S91	79.32078	14.38189
92.	S92	79.31559	14.36580
93.	S93	79.28664	14.34057
94.	S94	79.27352	14.35516
95.	S95	79.26511	14.34799
96.	S96	79.27699	14.33487
97.	S97	79.25051	14.33240
98.	S98	79.23022	14.32522
99.	S99	79.19905	14.34923
100.	S100	79.19459	14.36061
101.	S101	79.19212	14.36358
102.	S102	79.16861	14.34428
103.	S103	79.16663	14.35343
104.	S104	79.15872	14.35516
105.	S105	79.14189	14.37026
106.	S106	79.12210	14.36927
107.	S107	79.12531	14.36382
108.	S108	79.12309	14.35813
109.	S109	79.13026	14.34230
110.	S110	79.14832	14.32770
111.	S111	79.17133	14.33339
112.	S112	79.16985	14.31953
113.	S113	79.15797	14.31508
114.	S114	79.14065	14.32176
115.	S115	79.11739	14.33166
116.	S116	79.10478	14.31830
117.	S117	79.07904	14.32250
118.	S118	79.06370	14.33364

119.	S119	79.03525	14.37273
120.	S120	79.03129	14.38040
121.	S121	79.04514	14.38288
122.	S122	79.07929	14.39228
123.	S123	79.07805	14.41529
124.	S124	79.10255	14.44251
125.	S125	79.09028	14.46111
126.	S126	79.07978	14.44600
127.	S127	79.05445	14.44449
128.	S128	79.03267	14.45735
129.	S129	79.05346	14.44904
130.	S130	79.05544	14.46131
131.	S131	79.06375	14.46824
132.	S132	79.05425	14.48190
133.	S133	79.04851	14.52406
134.	S134	79.06514	14.53713
135.	S135	79.06415	14.55158
136.	S136	79.08414	14.54366
137.	S137	79.09404	14.54267
138.	S138	79.08711	14.52466
139.	S139	79.11066	14.47893
140.	S140	79.12749	14.45894
141.	S141	79.13165	14.45082
142.	S142	79.14036	14.45280
143.	S143	79.12848	14.47319
144.	S144	79.11284	14.50150
145.	S145	79.10433	14.54029
146.	S146	79.11146	14.64243
147.	S147	79.10770	14.65332
148.	S148	79.11838	14.66243
149.	S149	79.11739	14.66916
150.	S150	79.12925	14.67592
151.	S151	79.18966	14.36642
152.	S152	79.16920	14.33411
153.	S153	79.07706	14.39337
154.	S154	79.09324	14.46466
155.	S155	79.03280	14.43658
156.	S156	79.06356	14.55113

TABLE B: GEO-COORDINATES OF PROMINENT LOCATIONS OF ECO-SENSITIVE ZONE

Sl. No.	Point Code	Latitude (N) (DMS Format)	Longitude (E) (DMS Format)
1	E1	14.68722	79.14410
2	E2	14.66054	79.15467
3	E3	14.63125	79.15718
4	E4	14.60949	79.16973
5	E5	14.61786	79.18982
6	E6	14.64548	79.18145
7	E7	14.65218	79.18898
8	E8	14.61200	79.28523
9	E9	14.61953	79.30532
10	E10	14.50738	79.33461
11	E11	14.46470	79.38400
12	E12	14.45214	79.39990
13	E13	14.47390	79.40659
14	E14	14.40611	79.49866
15	E15	14.39188	79.53883
16	E16	14.42703	79.60411
17	E17	14.44126	79.60663
18	E18	14.26801	79.60914
19	E19	14.22951	79.58905
20	E20	14.24207	79.52126
21	E21	14.20357	79.52628
22	E22	14.20440	79.50117
23	E23	14.13494	79.48108
24	E24	14.12657	79.44342
25	E25	14.13745	79.40827
26	E26	14.15000	79.38483
27	E27	14.31237	79.29611
28	E28	14.34083	79.32290
29	E29	14.34752	79.31369
30	E30	14.31153	79.25427
31	E31	14.34083	79.18396
32	E32	14.29731	79.17894
33	E33	14.30568	79.04335
34	E34	14.37765	79.00485
35	E35	14.44294	79.09022
36	E36	14.42118	79.02996
37	E37	14.45131	79.00569
38	E38	14.47390	79.01825

39	E39	14.47641	79.04503
40	E40	14.49734	79.01908
41	E41	14.54337	79.02661
42	E42	14.56011	79.07097
43	E43	14.55509	79.08771
44	E44	14.66724	79.10361
45	E45	14.68398	79.11784

ANNEXURE-IV

LIST OF VILLAGES COMING UNDER ECO-SENSITIVE ZONE OF SRI PENUSILA NARASIMHA WILDLIFE SANCTUARY ALONG WITH GEO-COORDINATES

Sl. No.	Name of the District	Name of the Division	Range	Name of the Village	Name of the Mandal
1	Sri Potti Sriramulu Nellore	Sri Potti Sriramulu Nellore	Atmakur	Gogulapalli	A.Sagaram
2				Chapparallapalli	A.Sagaram
3				Srisailapuram	A.Sagaram
4				Kannpalli	A.Sagaram
5				Gudigunta	A.Sagaram
6				Yeguravarapalli	A.Sagaram
7				Govidapalli	A.Sagaram
8				Padamatikambhampadu	A.Sagaram
9				Somasila	A.Sagaram
10			Rapur	Rajuapalem	Kaluvoy
11				Project Colony	Kaluvoy
12				Kulluru	Kaluvoy
13				Madannagaripalli	Kaluvoy
14				Chintalapalem	Kaluvoy
15				Venkataramarajupeta	Kaluvoy
16				Koturupalli	Kaluvoy
17				Kollapanaidupalli	Chejerla
18				Tegacherla	Rapur
19				Sangam	Sangam
20				Peramakonda	Kaluvoy
21				Parvathipuram	Podalakur
22				Garimanapenta	Rapur
23				Vekataparam	Podalakur
24				Pulikorru	Podalakuru
25				Ramakuru	Rapur
26				Gonupalli	Rapur
27				Chakalapalli	Rapur
28				Challaturu	Rapur
29				Adurupalli	Chejerla
30				Sanayapalem	Rapur
31				Gundavolu	Rapur

Sl. No.	Name of the District	Name of the Division	Range	Name of the Village	Name of the Mandal	
32				Vepinapi	Rapur	
33				Ramdevipalli	Rapur	
34				Gandurupalli	Rapur	
35				Yepuru	Rapur	
36				Turupuveligonu	Rapur	
37				Padamaraveligonu	Rapur	
38				Turravaripalem	Rapur	
39				YSR Kadapa	Rajampet	Chitvel
40	Marlabayalu	Penagalur				
41	Tirunampalli	Penagalur				
42	Kotichiinnayyagaripalli	Penagalur				
43	Chintalachelika	Chitvel				
44	Rajakunta	Chitvel				
45	Salivendra	Chitvel				
46	Anumpalli	Chitvel				
47	Proddaturu	Badvel range	Betayapalli		Gopavaram	
48			Dinnemeedaplalli		Gopavaram	
49			Bedusupalli		Gopavaram	
50			Rachayapeta		Gopavaram	
51			Agraharam		Gopavaram	
52	Kadapa				Polireddypalli	Gopavaram
53					Sundrapalli	Gopavaram
54					Buchenapalli	Gopavaram
55					Ramapuram	Gopavaram
56				Adusuvaripalli	Gopavaram	
57			Vontimitta	Chinnarachapalle	Vontimitta	
58		Sidhout		Gopayyagaripalle	Atlur	
59				Pidathala	Atlur	
60				Akuthotapalle	Atlur	
61				Varikunta	Atlur	
62		Vontimitta		Sitapuram	Vontimitta	
63				Salabad	Vontimitta	
64				Gollapalle	Vontimitta	
65				Cherlapalle	Vontimitta	

Sl. No.	Name of the District	Name of the Division	Range	Name of the Village	Name of the Mandal
66				Nadimapalle	Vontimitta
67				Chintalakunta	Nandalur
68				Mallayypalle	Vontimitta
69			Sidhout	Chintakayalapalle	Atlur
70			Vontimitta	Marayigaripalle	Vontimitta
71				Konarajupalle	Vontimitta
72				Komarunipalle	Vontimitta
73				Mallampeta	Vontimitta
74				Mantapampalle	Vontimitta
75				Yerracheruvupalle	Vontimitta
76				Ammavaripalle	Vontimitta
77				Kondarajupalle	Vontimitta
78				Achamppeta	Vontimitta
79				Vantigaripalle	Vontimitta
80				Sidhout	Bodisettipalle
81			Chittimvaripalle		Atlur
82			Vontimitta	Chintavaripalle	Vontimitta
83				Velugupalle	Vontimitta
84				Malakatipalle	Vontimitta
85				Polubuchayyagaripalle	Vontimitta
86				Mangampeta	Vontimitta
87				Ramachandrapuram	Vontimitta
88				Vengampalle	Vontimitta

ANNEXURE –V**Performa of Action Taken Report:**

1. Number and date of meetings.
2. Minutes of the meetings: (mention noteworthy points. Attach minutes of the meeting as separate Annexure).
3. Status of preparation of Zonal Master Plan including Tourism Master Plan.
4. Summary of cases dealt with rectification of error apparent on face of land record (Eco-sensitive Zone wise). Details may be attached as Annexure.
5. Summary of cases scrutinised for activities covered under the Environment Impact Assessment Notification, 2006 (Details may be attached as separate Annexure).
6. Summary of cases scrutinised for activities not covered under the Environment Impact Assessment Notification, 2006 (Details may be attached as separate Annexure).
7. Summary of complaints lodged under section 19 of the Environment (Protection) Act, 1986.
8. Any other matter of importance.