



**GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT & HIGHWAYS**

Regional Office,
C-1-A, Rajaji Bhavan, Besant Nagar, Chennai- 600090.
Telefax Off: 24919341, 24916032.

No.RW-MD/TN/OFC/NH-47/2002

Dated: 19.04.2018

Invitation of public comments

Subject: Permission Proposal for laying Optical fiber cable along the NH from Km 638/580 to 638/640, Km 639/950 to 641/830 and across the NH at Km 641/00 (LHS) of NH-47 in the State of Tamil Nadu – Regarding.

The proposal is regarding permission for laying of Optical fiber cable along the NH from Km 638/580 to 638/640, Km 639/950 to 641/830 and across the NH at Km 641/00 (LHS) of NH-47 received earlier had been examined in this office and was returned with certain observations vide this office letter dated 20.09.2017. In response, SE, NH, Tirunelveli vide letter No.2252/2017/DO/ dated 22.03.2018 (received on 28.03.2018) has resubmitted the proposal to this office in accordance with Ministry's latest guidelines dated 22.11.2016.

2. The alignment proposed by M/s Bharti Airtel Limited, Chennai, is to lay the Optical fiber cable along the NH from Km 638/580 to 638/640, Km 639/950 to 641/830 and across the NH at Km 641/00 (LHS) of NH-47 i.e. in a length of 1940m as detailed under:

Stretch in Km	Length (Km)	ROW (m)	Dist. of Prop. Optical fiber cable from Centre of NH (m)
LHS – Size of Pipe 150mm HDPE casing pipe			
638/580 to 638/640	0.06	17.40	5.2
639/950 to 641/830	1.88	Varies 12.5 to 23	Varies 6.3 to 10.70
Across – Size of Pipe 150mm RCC casing pipe & 40mm PLB pipe			
Km 641/00			

3. The right of way varies from 12.5 to 23m in the aforesaid stretch. The carriageway width of aforesaid stretch is 10m. M/s Bharti Airtel Limited, Chennai, has proposed to lay the Optical fiber cable at the edge of the ROW for a length of 1940m. **However, in the entire length of 1940m, the Optical fiber cable is proposed to be laid at a distance less than 15m which is not in conformity with Ministry's guidelines vide letter No.NHIII/P/66/76 dated 19.11.1976.** Further M/s Bharti Airtel Limited, Chennai, has mentioned that the OFC is proposed to lay by using **Trenchless Technology** where the distance is less than 15m from the center line of the carriageway and across the NH at Km 641/00 the OFC is proposed to lay by **Trenchless Technology** at a depth of 1.20m from the bottom of the road.

4. M/s Bharti Airtel Limited, Chennai, has furnished an undertaking to the effect that M/s Bharti Airtel Limited, Chennai will remove the laid OFC line in future if required by NH Authority at any time for expansion of the NH at their own cost. Also, certified that the proposed Optical fiber cable work will not affect the design, stability, traffic safety and future improvement of the proposed stretch.

5. As per the guidelines issued by the Ministry vide letter No.RW/NH-33044/29/2015/S&R(R) dated 22.11.2016 the relaxation application will be made available for public comments and the comments will be invited within 30 days from the day of uploading.

P.T.O

In view of the above, comments of the public on the above proposal requiring relaxation from distance criteria is invited to the below mentioned address:

The Regional Officer
Office of the Superintending Engineer
Regional Office, Chennai
Ministry of Road Transport & Highways,
C-1-A, Rajaji Bhavan, Besant Nagar, Chennai- 600 090

Encl: As Above.

Copy to:

1. ✓ The NIC, New Delhi - for uploading in the Ministry's website.
2. The CE, NH Chennai – for information

Yours faithfully,



(Ellavarason)
Regional Officer



(Ellavarason)
Regional Officer

Distance Statement						
Chainage	Road Width BT from center line(M)		NH Boundry Width from center line (M)		Proposed OFC Dist.from center line	
chainage	LHS	RHS	LHS	RHS	LHS	RHS
638.580	3.50	3.50	5.70	11.70	5.20	~~
638.600	3.50	3.50	5.70	11.70	5.20	~~
638.640	3.50	3.50	5.70	11.70	5.20	~~
639.950	5.00	5.00	8.40	9.30	7.90	~~
640.000	5.00	5.00	8.40	10.40	7.90	~~
640.100	5.00	5.00	8.60	13.70	8.10	~~
640.200	5.00	5.00	8.90	12.90	8.40	~~
640.300	5.00	5.00	7.00	14.30	6.50	~~
640.400	5.00	5.00	7.90	6.70	7.40	~~
640.500	5.00	5.00	9.90	10.90	9.40	~~
640.600	5.00	5.00	11.50	11.50	11.00	~~
640.700	5.00	5.00	10.00	6.50	9.50	~~
640.800	5.00	5.00	9.20	10.20	8.70	~~
640.900	5.00	5.00	9.00	11.00	8.50	~~
641.000	5.00	5.00	8.00	6.00	7.50	~~
641.100	5.00	5.00	6.80	10.10	6.30	~~
641.200	5.00	5.00	7.30	5.30	6.80	~~
641.300	5.00	5.00	9.60	8.00	9.10	~~
641.400	5.00	5.00	7.00	8.00	6.50	~~
641.500	5.00	5.00	6.90	7.90	6.40	~~
641.600	5.00	5.00	7.00	5.50	6.50	~~
641.700	5.00	5.00	10.40	5.50	9.90	~~
641.800	5.00	5.00	11.20	6.00	10.70	~~
641.830	5.00	5.00	11.20	6.00	10.70	~~

For BHARTI AIRTEL LTD.

Authorized Signatory

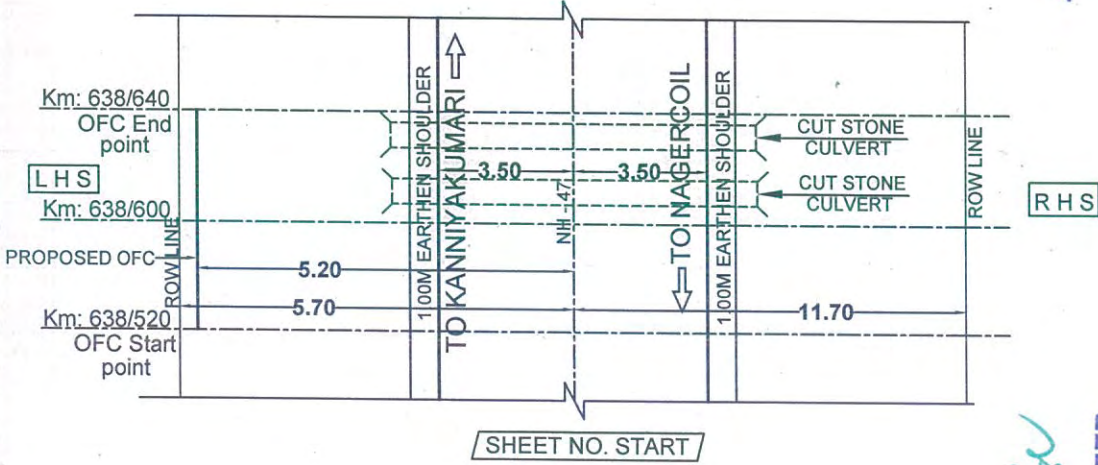
22/8/17
DIVISIONAL ENGINEER
NATIONAL HIGHWAYS
NAGERCOIL
30-8-17

23/8/17
Assistant Divisional Engineer
National Highways
Kanyakumari - 629 702.

22/8/17
ASSISTANT ENGINEER(H)
NATIONAL HIGHWAYS
SUCHINDRUM.

23/8/17
Superintending Engineer
National Highways
Tirunelveli.

23/8/17



[Signature]
 ASSISTANT ENGINEER(H)
 NATIONAL HIGHWAYS
 SUCHINDRUM

[Signature]
 Assistant Divisional Engineer
 National Highways
 Kanyakumari - 629 702

- NOTES:
1. ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SPECIFIED
 2. SECTION LENGTH - 0.06Km
 3. SCALE - N T S

NAGERCOIL TO KANNIYAKUMARI SECTION (NH - 47)
 (Km: Km: 638/580 TO Km: 638/640)

M/s.Bharti Airtel Limited,
 Oceanic Towers, 4th floor, 101, Santhome Main road,
 Chennai - 600 028.

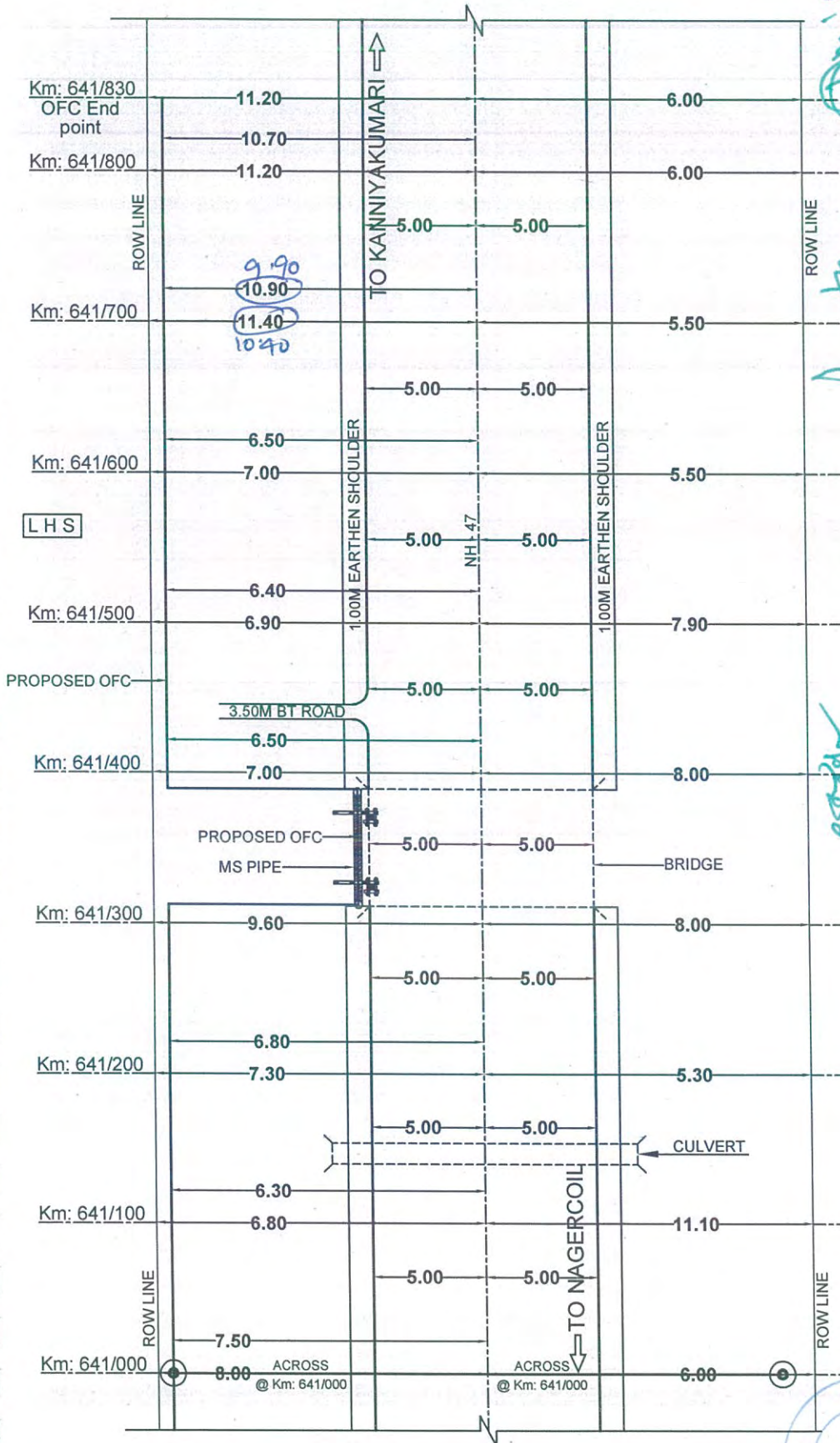
APPLICANT:

- LEGEND:
- PROPOSED OFC ROUTE
 - BT ROAD
 - CENTER LINE OF CARRIAGEWAY
 - BOUNDARY (ROW)
 - BRIDGE / CULVERT



[Signature]
 DIVISIONAL ENGINEER
 NATIONAL HIGHWAYS
 NAGERCOIL

SHEET NO. END



[Signature]
 ASSISTANT ENGINEER(H)
 NATIONAL HIGHWAYS
 SUCHINDRUM

[Signature]
 Assistant Divisional Engineer
 National Highways
 Kanyakumari - 629 702.

[Signature]
 DIVISIONAL ENGINEER
 NATIONAL HIGHWAYS
 NAGERCOIL
[Signature]
 Superintending Engineer
 National Highways
 Tirunelveli.

NOTES:

1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED
2. SECTION LENGTH - 0.83Km
3. SCALE - N T S

NAGERCOIL TO KANNIYAKUMARI SECTION (NH - 47)

(Km: 641/000 TO Km: 641/830)

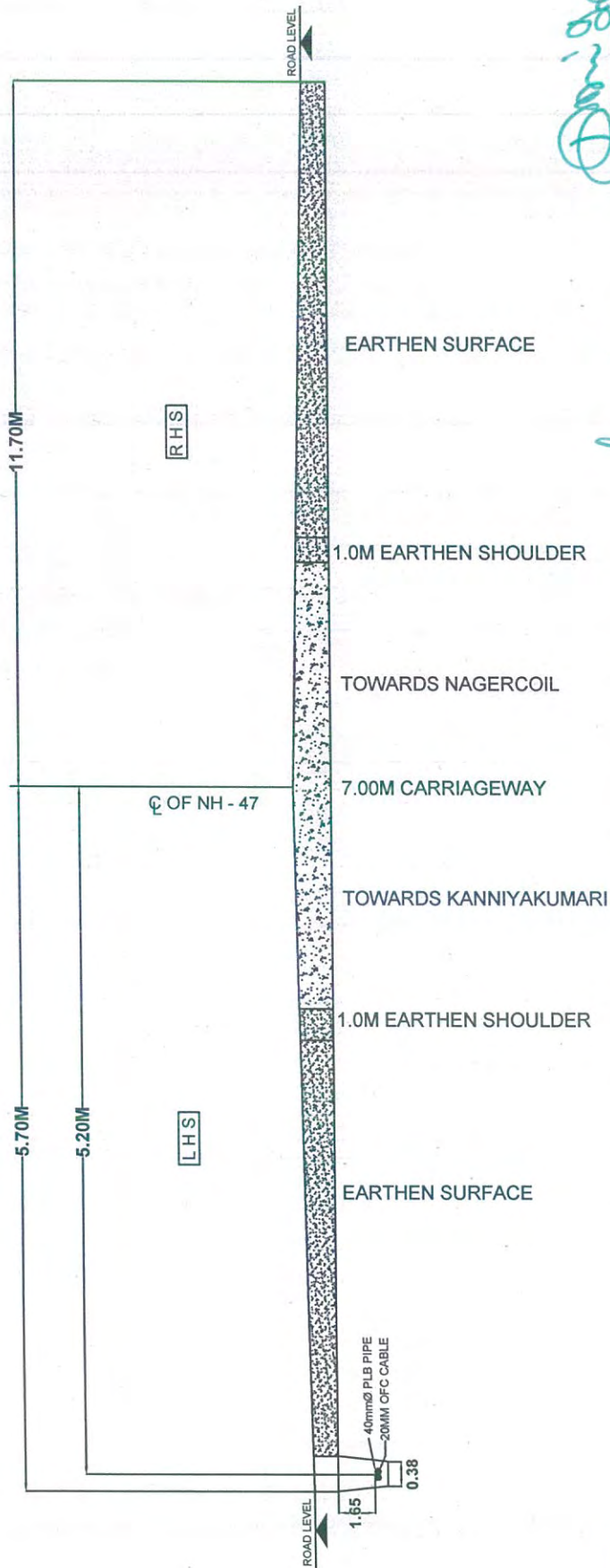
M/s.Bharti Airtel Limited,

Oceanic Towers, 4th floor, 101, Santhome Main road,
 Chennai - 600 028.

APPLICANT:

- AGENT:
- PROPOSED OFC ROUTE
 - BT ROAD
 - CENTER LINE OF CARRIAGEWAY
 - BOUNDARY (ROW)
 - BRIDGE / CULVERT





CROSS SECTION AT Km: 638/580 To Km: 638/640



[Signature]
23/08/17
ASSISTANT ENGINEER(H)
NATIONAL HIGHWAYS
SUCHINDRUM.

[Signature]
23/8/17
Assistant Divisional Engineer
National Highways
Kanyakumari - 629 702.

[Signature]
23/8/17
DIVISIONAL ENGINEER
NATIONAL HIGHWAYS
NAGERCOIL

NAGERCOIL TO KANNIYAKUMARI SECTION (NH - 47)

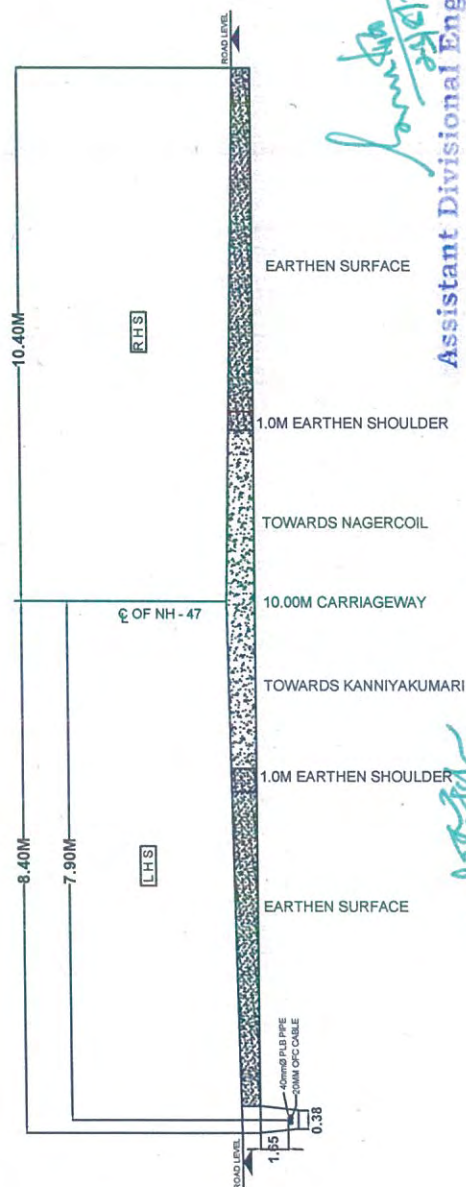
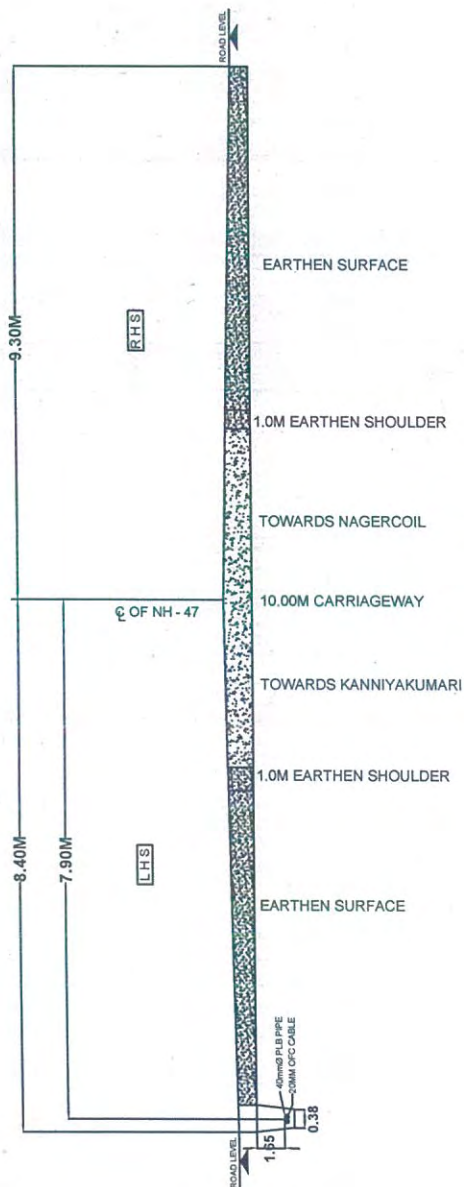
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CROSSSECTION DETAIL FOR NH - 47

APPLICANT:

M/s.Bharti Airtel Limited,

Oceanic Towers, 4th floor, 101, Santhome Main road,
Chennai - 600 028.



[Signature]
 Assistant Divisional Engineer
 National Highways
 Kanniyakumari - 629 702.

[Signature]
 ASSISTANT ENGINEER(H)
 NATIONAL HIGHWAYS
 SUCHINDRUM.

CROSS SECTION AT Km: 640/000

DIVISIONAL ENGINEER
 NATIONAL HIGHWAYS
 NAGERCOIL

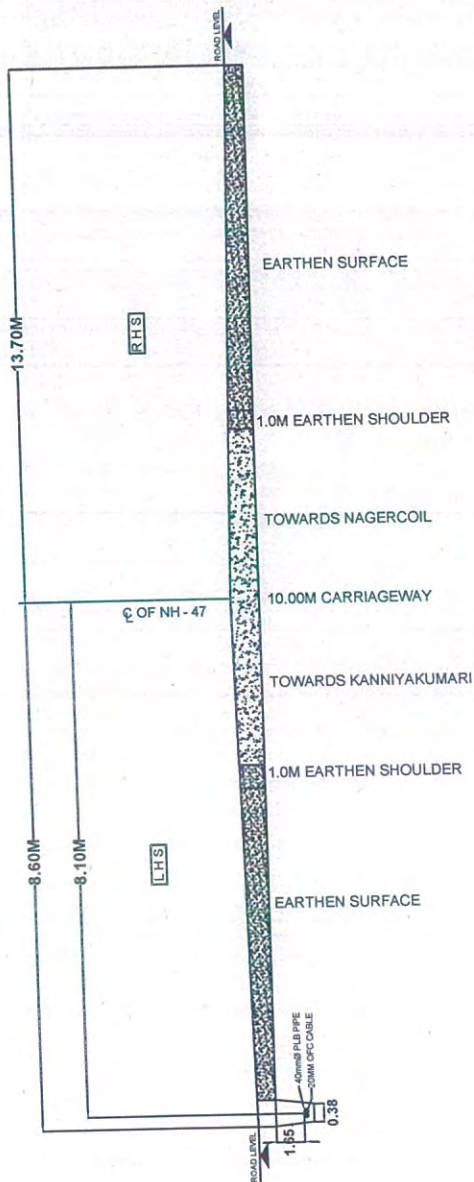
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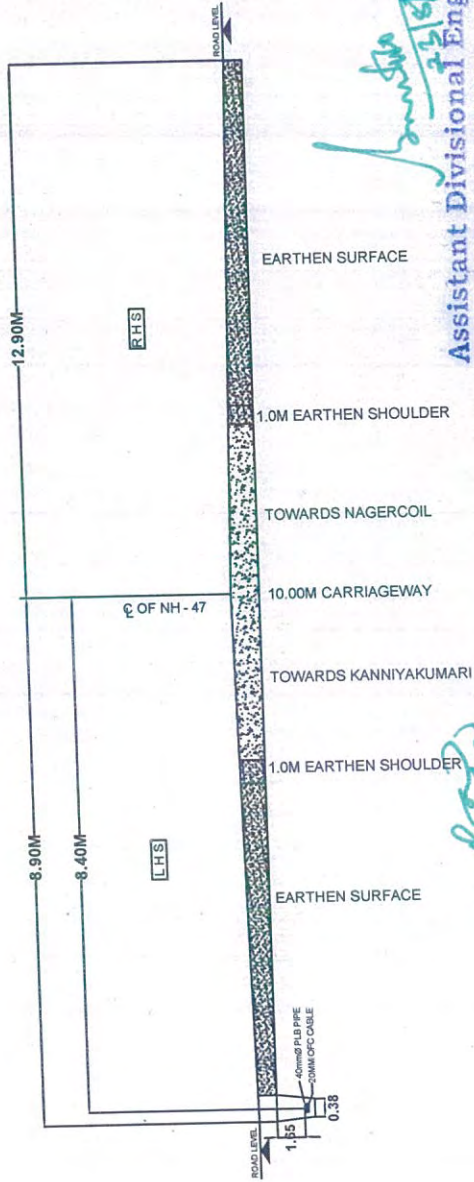
NAGERCOIL TO KANNIYAKUMARI SECTION (NH - 47)

APPLICANT:

M/s.Bharti Airtel Limited,
 Oceanic Towers, 4th floor, 101, Santhome Main road,
 Chennai - 600 028.



CROSS SECTION AT Km: 640/100



CROSS SECTION AT Km: 640/200

Assistant Engineer (H)
23/08/17
NATIONAL HIGHWAYS
SUCHINDRAM.

Assistant Divisional Engineer
23/8/17
National Highways
Kanyakumari - 629 702.



Divisional Engineer
23/8/17
NATIONAL HIGHWAYS
NAGERCOIL

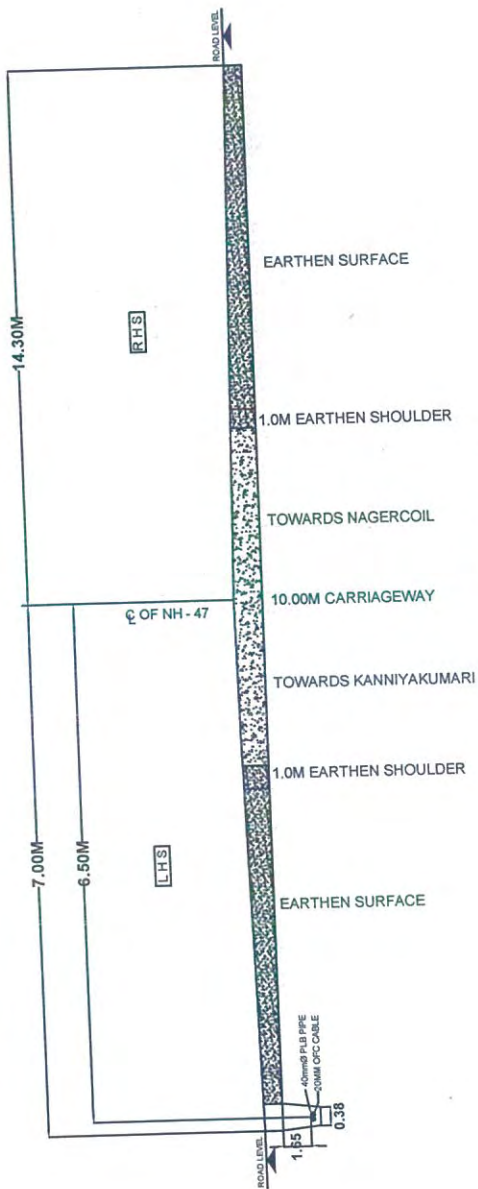
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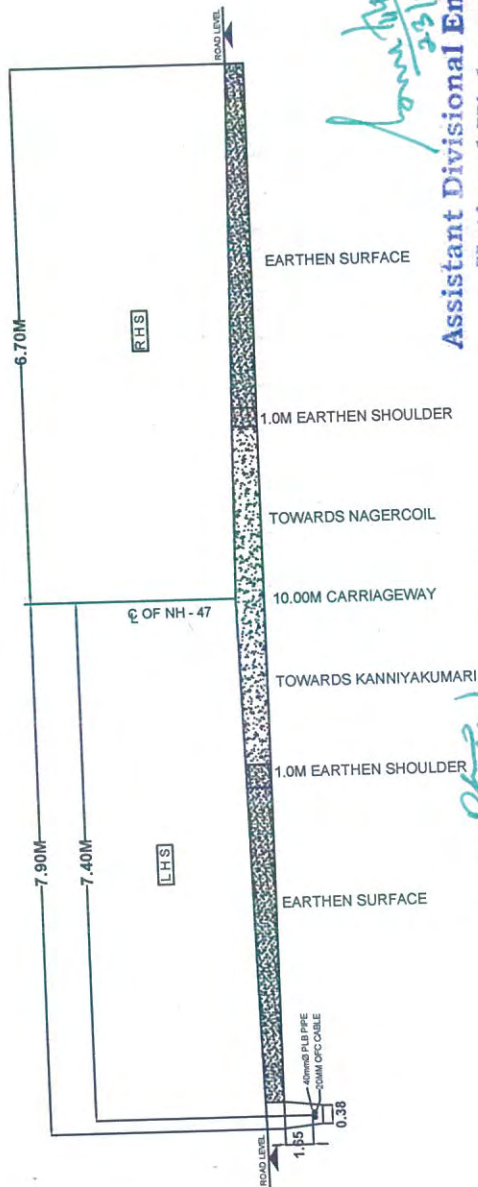
CROSSSECTION DETAIL FOR NH - 47

APPLICANT:

M/s.Bharti Airtel Limited,
Oceanic Towers, 4th floor, 101, Santhome Main road,
Chennai - 600 028.



CROSS SECTION AT Km: 640/300



CROSS SECTION AT Km: 640/400



23/8/17
 Assistant Divisional Engineer
 National Highways
 Kanyakumari - 629 702.

23/8/17
 Assistant Engineer(H)
 NATIONAL HIGHWAYS
 SUCHINDRUM.

23/8/17
 DIVISIONAL ENGINEER
 NATIONAL HIGHWAYS
 NAGERCOIL

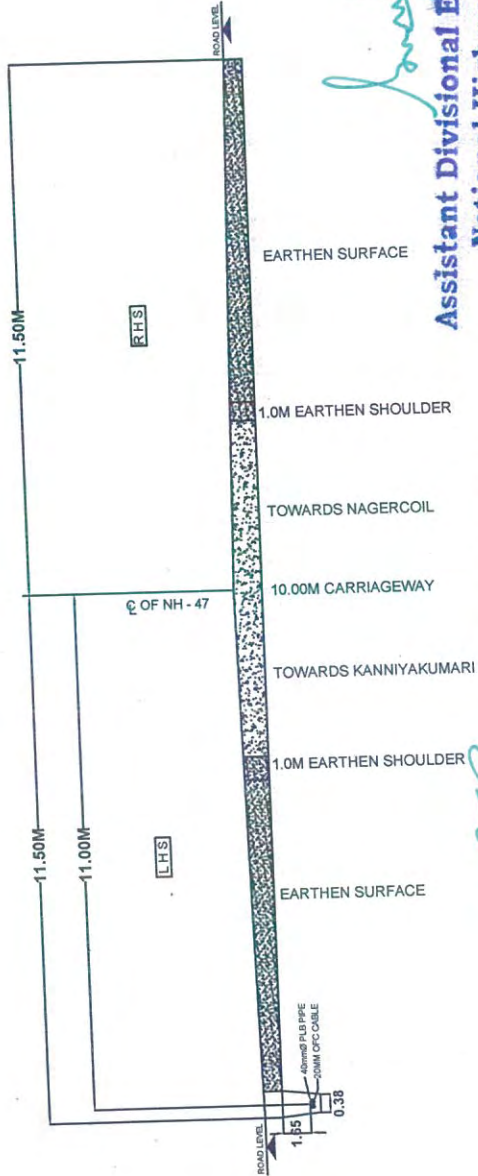
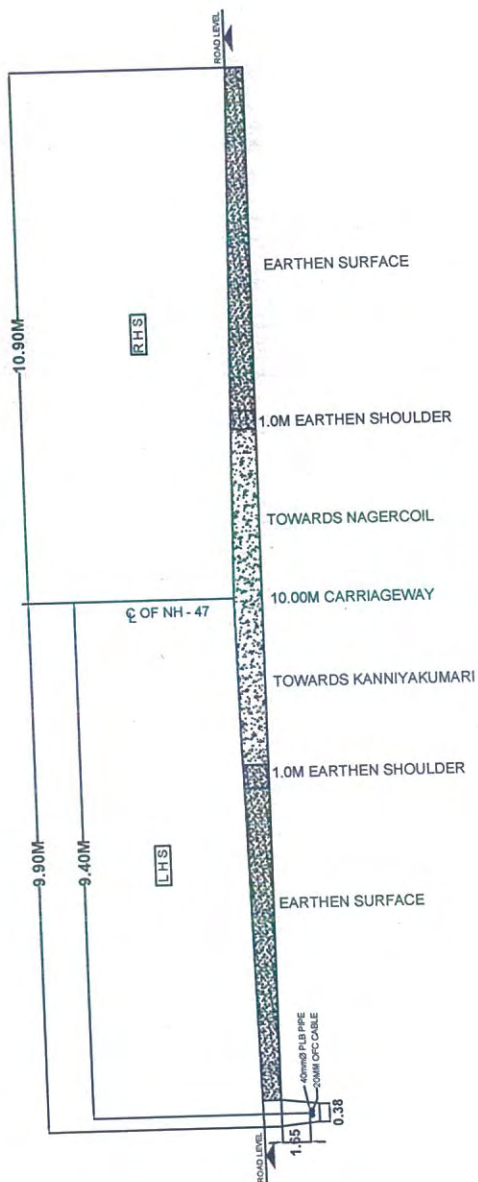
NAGERCOIL TO KANNIYAKUMARI SECTION (NH - 47)

TITLE:

CROSSSECTION DETAIL FOR NH - 47

APPLICANT:

M/s.Bharti Airtel Limited,
 Oceanic Towers, 4th floor, 101, Santhome Main road,
 Chennai - 600 028.



[Signature]
23/08/17
ASSISTANT ENGINEER(H)
NATIONAL HIGHWAYS
SUCHINDRUM.

[Signature]
23/08/17
Assistant Divisional Engineer
National Highways
Kanyakumari - 629 702.

CROSS SECTION AT Km: 640/600

[Signature]
23/08/17
DIVISIONAL ENGINEER
NATIONAL HIGHWAYS
NAGERCOIL

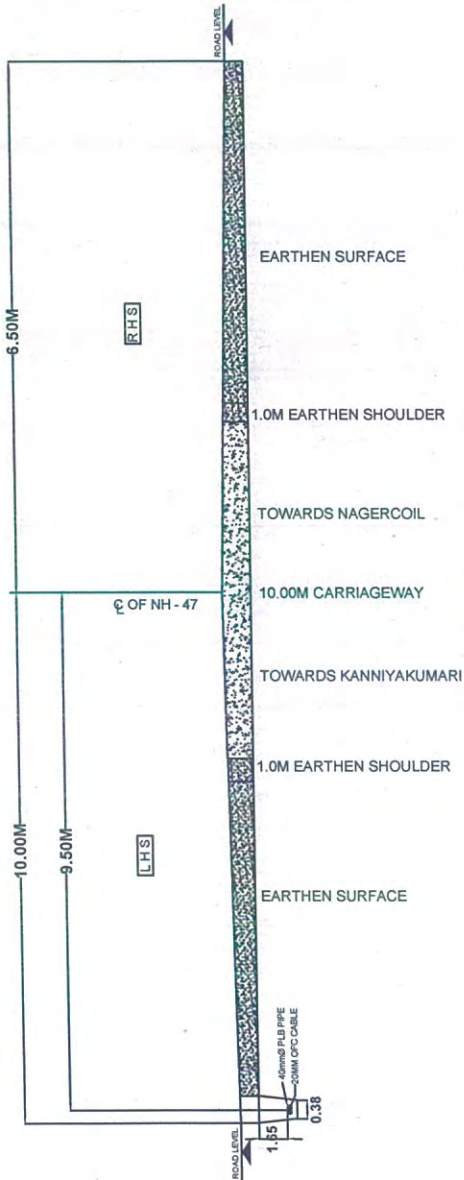
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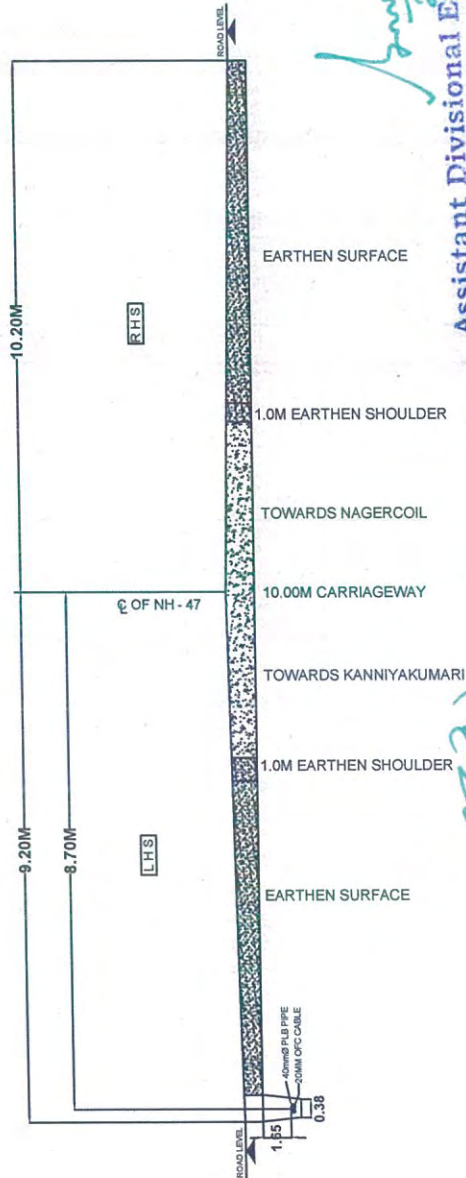
CROSSECTION DETAIL FOR NH - 47

APPLICANT:

M/s. Bharti Airtel Limited,
Oceanic Towers, 4th floor, 101, Santhome Main road,
Chennai - 600 028.



CROSS SECTION AT Km: 640/700



CROSS SECTION AT Km: 640/800

DIVISIONAL ENGINEER
NATIONAL HIGHWAYS
NAGERCOIL



23/8/17
Assistant Divisional Engineer
National Highways
Kanniyakumari - 629 702

23/8/17
Assistant Engineer(H)
NATIONAL HIGHWAYS
SUCHINDRUM.

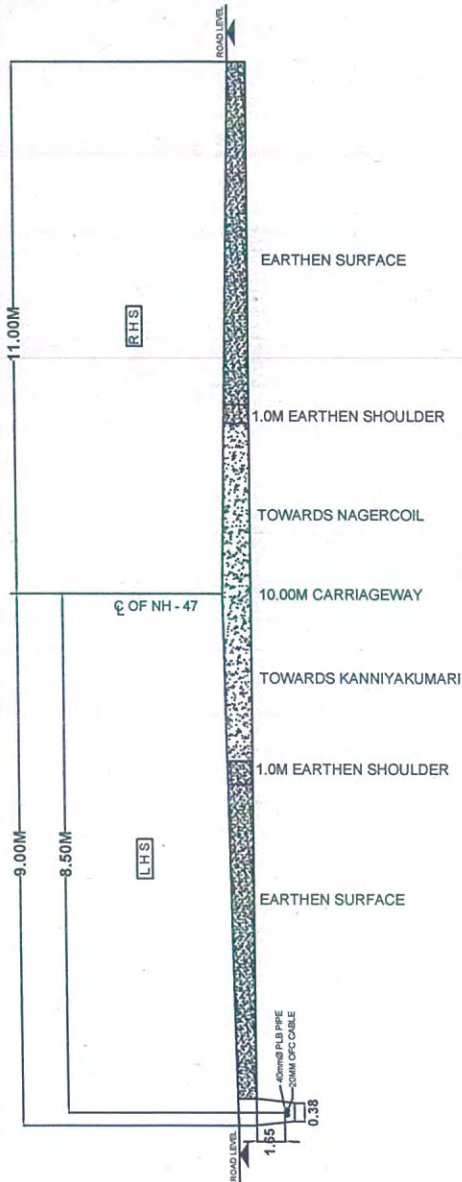
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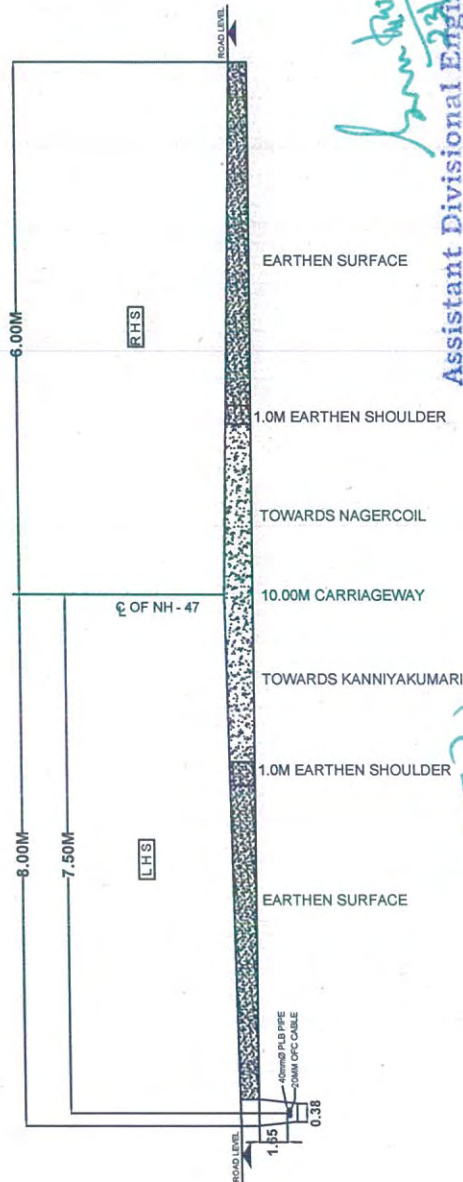
CROSSSECTION DETAIL FOR NH - 47

APPLICANT:

M/s.Bharti Airtel Limited,
Oceanic Towers, 4th floor, 101, Santhome Main road,
Chennai - 600 028.



CROSS SECTION AT Km: 640/900



CROSS SECTION AT Km: 641/000



Assistant Divisional Engineer
National Highways
Kanyakumari - 629 702.

Assistant Engineer (NH)
NATIONAL HIGHWAYS
SUCHINDRUM.

DIVISIONAL ENGINEER
NATIONAL HIGHWAYS
NAGERCOIL

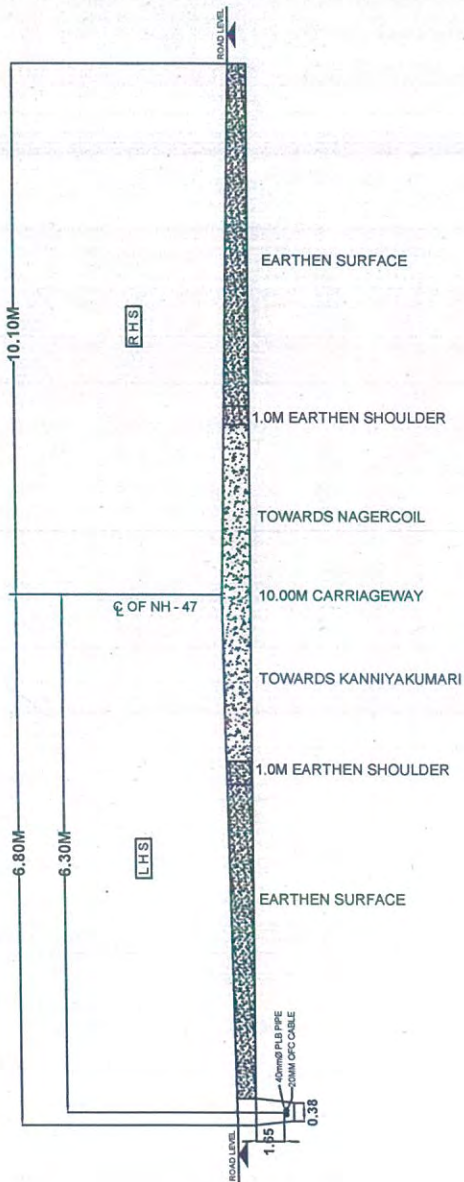
NAGERCOIL TO KANNIYAKUMARI SECTION (NH - 47)

TITLE:

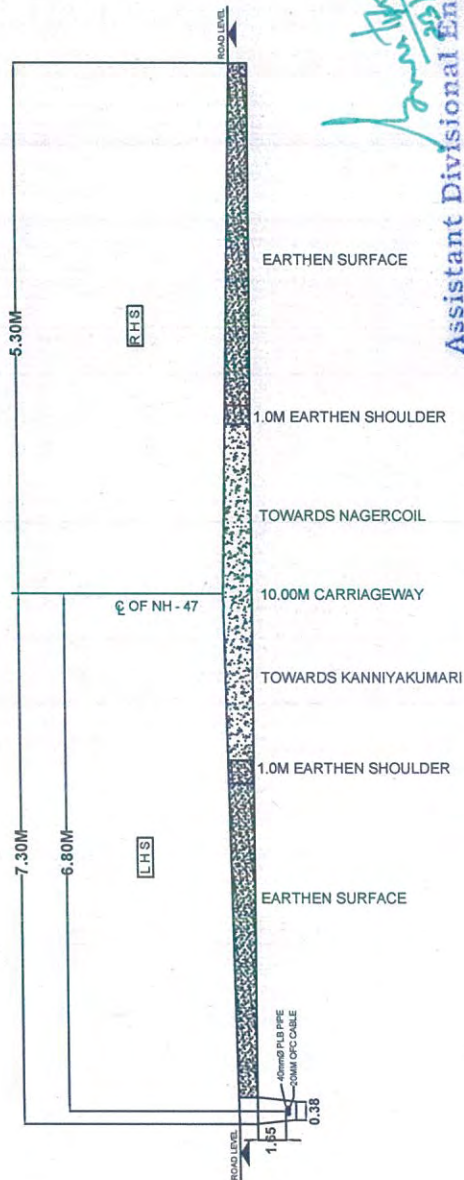
CROSSSECTION DETAIL FOR NH - 47

APPLICANT:

M/s.Bharti Airtel Limited,
Oceanic Towers, 4th floor, 101, Santhome Main road,
Chennai - 600 028.



CROSS SECTION AT Km: 641/100



CROSS SECTION AT Km: 641/200



23/8/17
 Assistant Divisional Engineer
 National Highways
 Kanyakumari - 629 702.

23/8/17
 ASSISTANT ENGINEER(M)
 NATIONAL HIGHWAYS
 SUCHINDRUM.

23/8/17
 DIVISIONAL ENGINEER
 NATIONAL HIGHWAYS
 NAGERCOIL

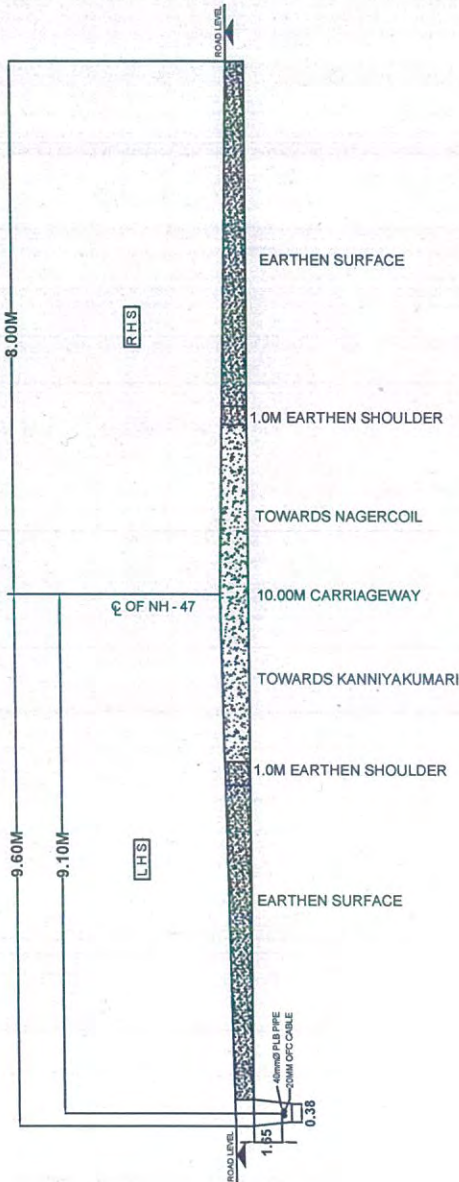
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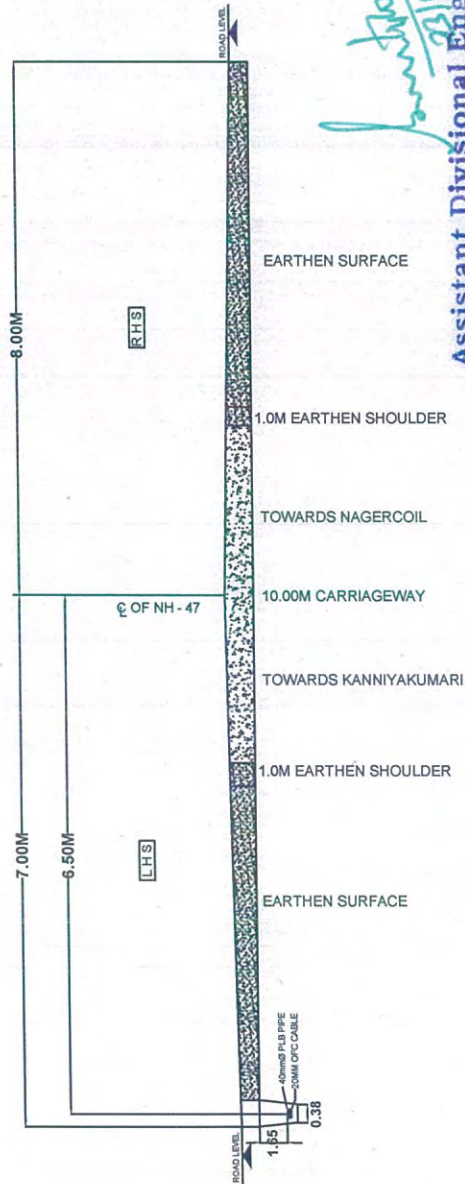
NAGERCOIL TO KANNIYAKUMARI SECTION (NH - 47)

APPLICANT:

M/s.Bharti Airtel Limited,
 Oceanic Towers, 4th floor, 101, Santhome Main road,
 Chennai - 600 028.



CROSS SECTION AT Km: 641/300



CROSS SECTION AT Km: 641/400

[Signature]
 ASSISTANT ENGINEER(H)
 NATIONAL HIGHWAYS
 SUCHINDRUM.

[Signature]
 Assistant Divisional Engineer
 National Highways
 Kanyakumari - 629 702.

[Signature]
 DIVISIONAL ENGINEER
 NATIONAL HIGHWAYS
 NAGERCOIL

NAGERCOIL TO KANNIYAKUMARI SECTION (NH - 47)

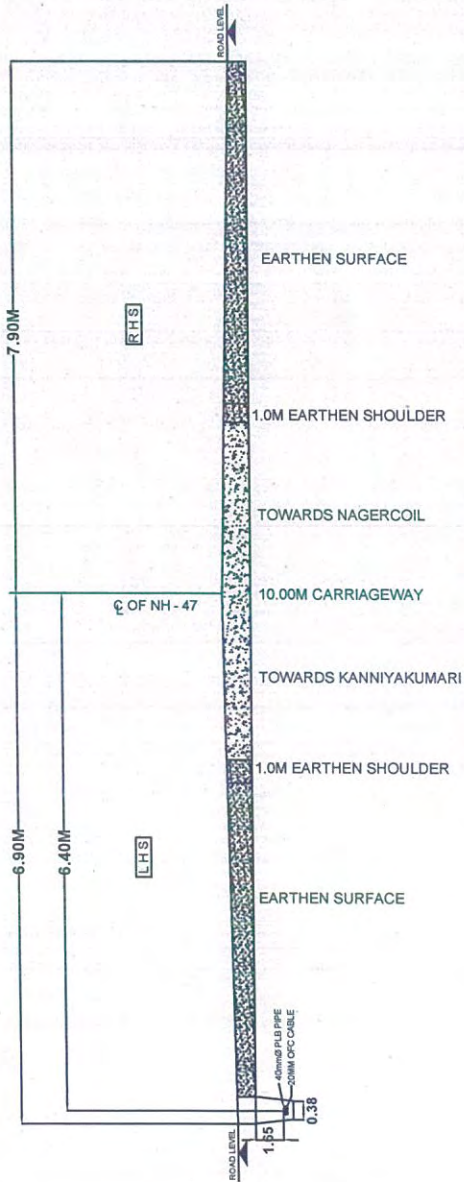
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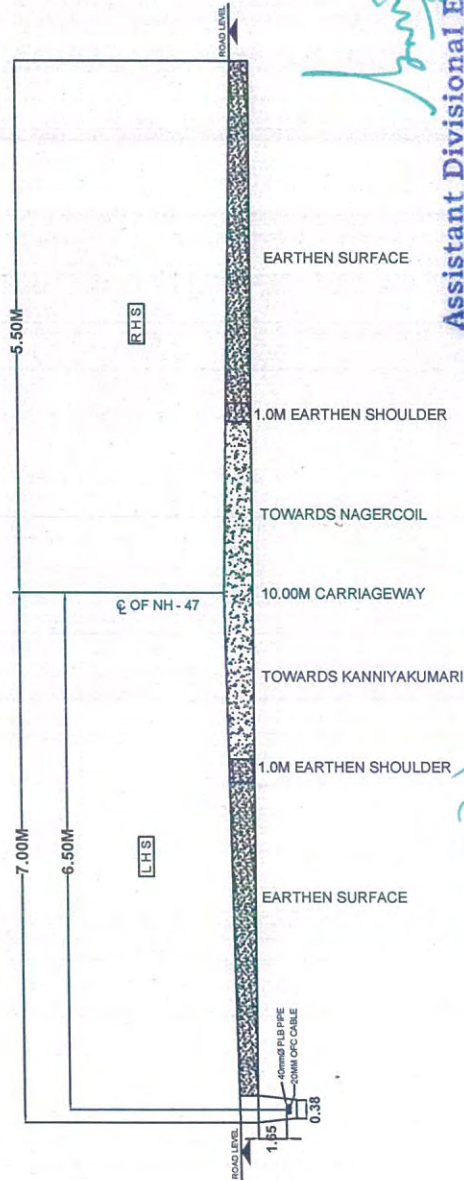
APPLICANT:

M/s.Bharti Airtel Limited,
 Oceanic Towers, 4th floor, 101, Santhome Main road,
 Chennai - 600 028.





CROSS SECTION AT Km: 641/500



CROSS SECTION AT Km: 641/600



Divisonal Engineer
 ASSISTANT ENGINEER(H)
 NATIONAL HIGHWAYS
 SUCHINDRUM.

Divisonal Engineer
 Assistant Divisional Engineer
 National Highways
 Kanniyakumari - 629 702.

DIVISIONAL ENGINEER

NATIONAL HIGHWAYS
 NAGERCOIL

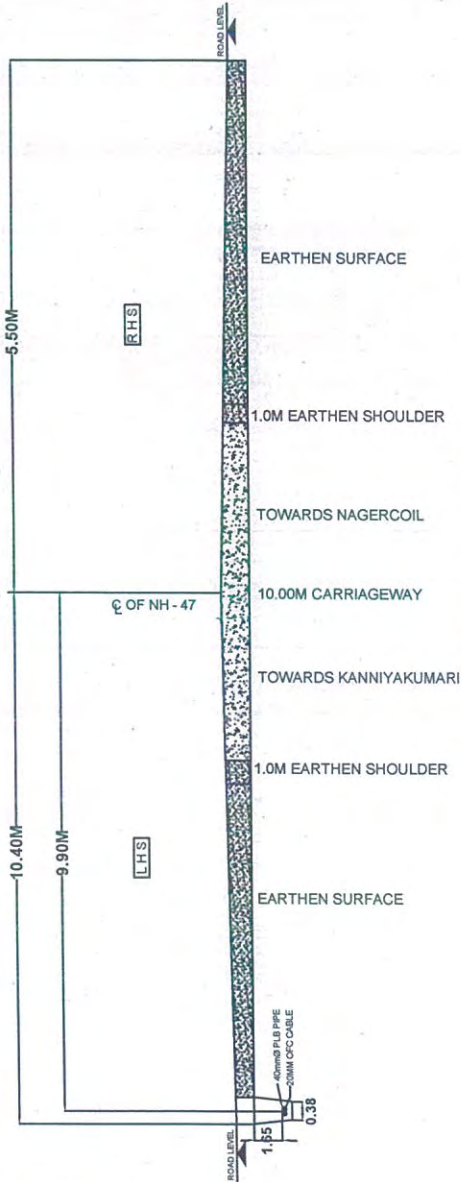
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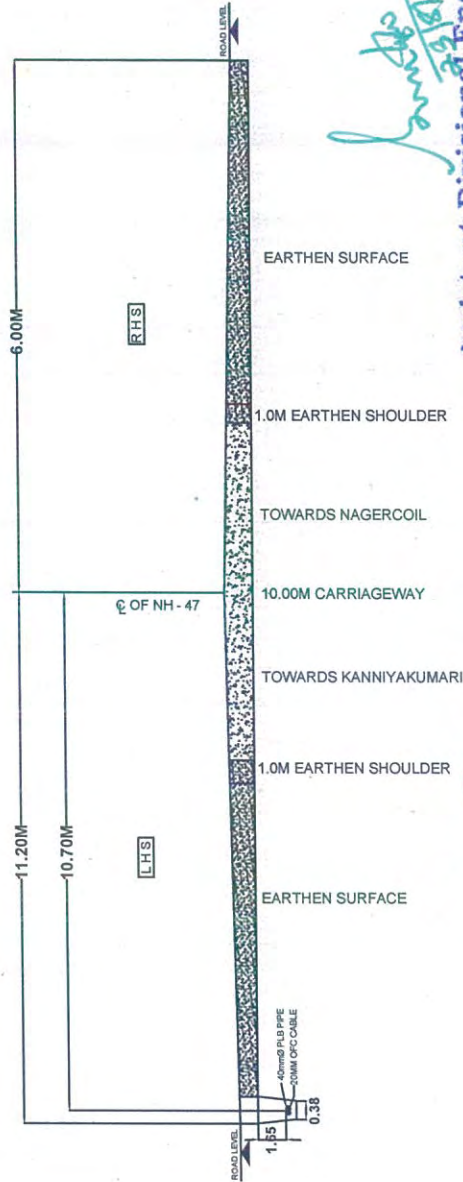
NAGERCOIL TO KANNIYAKUMARI SECTION (NH - 47)

APPLICANT:

M/s.Bharti Airtel Limited,
 Oceanic Towers, 4th floor, 101, Santhome Main road,
 Chennai - 600 028.



CROSS SECTION AT Km: 641/700



CROSS SECTION AT Km: 641/800 & Km: 641/830

23/8/17
Superintending Engineer
National Highways
Tirunelveli,

23/8/17
Assistant Engineer(H)
NATIONAL HIGHWAYS
SUCHINDRAM.

23/8/17
Assistant Divisional Engineer
National Highways
Kanniyakumari - 629 702.

DIVISIONAL ENGINEER
NATIONAL HIGHWAYS
NAGERCOIL

NAGERCOIL TO KANNIYAKUMARI SECTION (NH - 47)

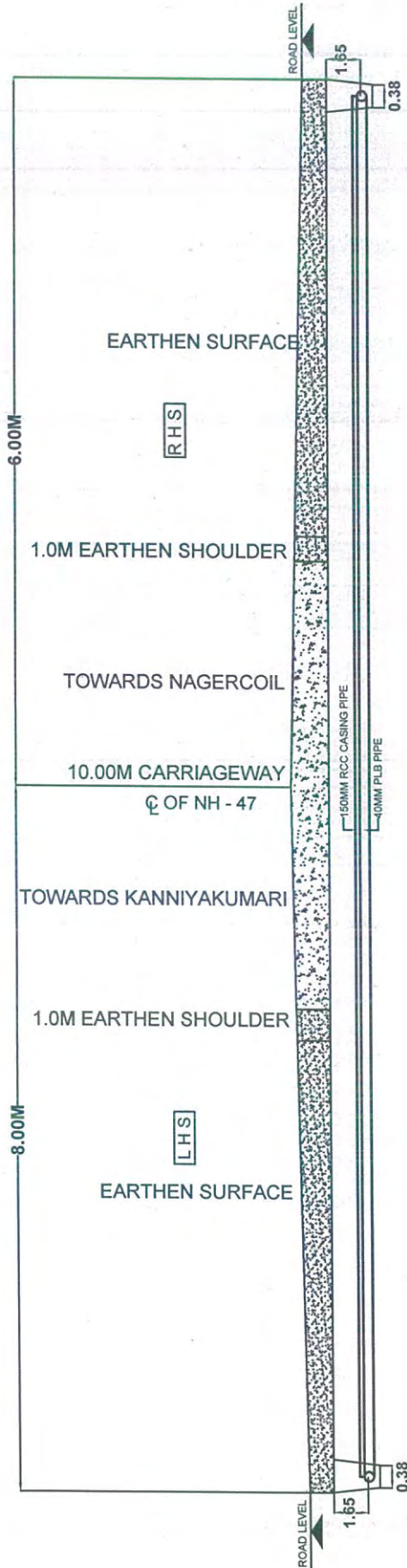
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CROSSSECTION DETAIL FOR NH - 47

APPLICANT:

M/s.Bharti Airtel Limited,
 Oceanic Towers, 4th floor, 101, Santhome Main road,
 Chennai - 600 028.





ACROSS AT Km: 641/000

Superintending Engineer
National Highways
Tirunelveli.



DIVISIONAL ENGINEER
NATIONAL HIGHWAYS
NAGERCOIL

Assistant Divisional Engineer
National Highways
Kanyakumari - 629 702.

Assistant Engineer(H)
NATIONAL HIGHWAYS
SUCHINDRUM.

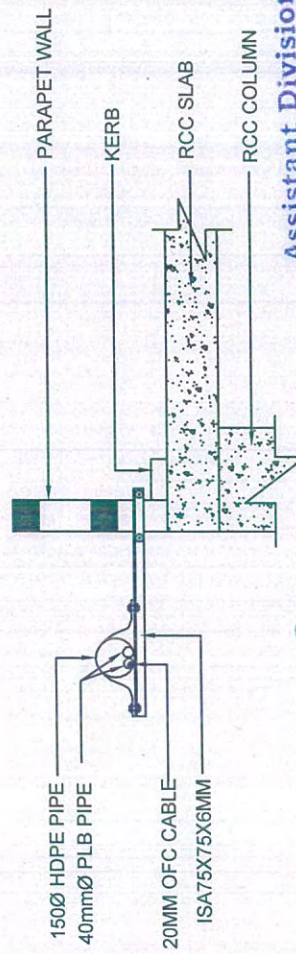
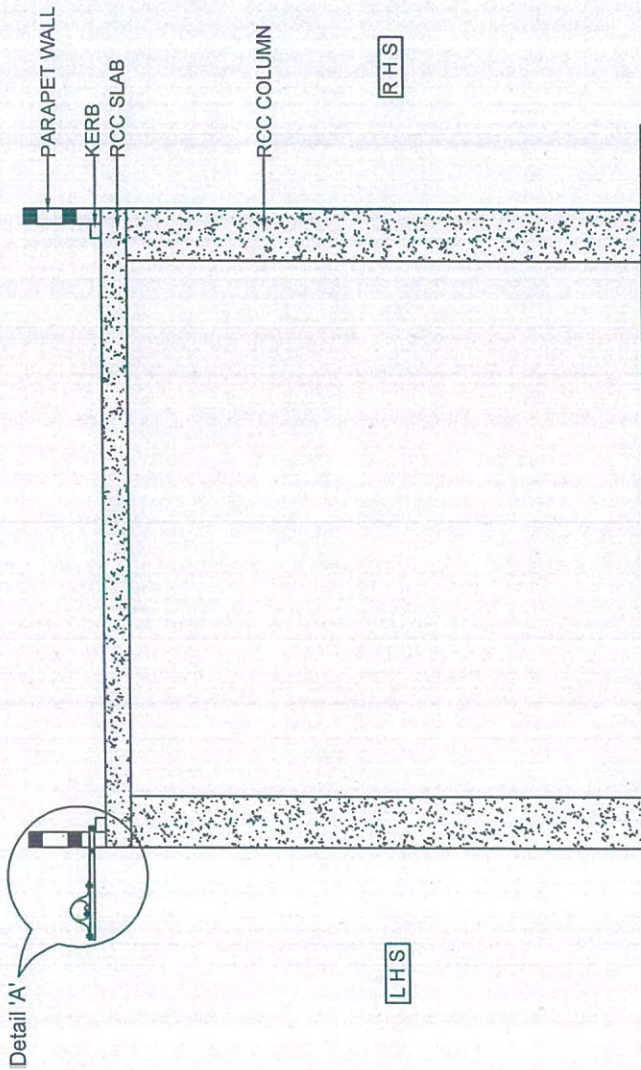
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NAGERCOIL TO KANNIYAKUMARI SECTION (NH - 47)

CROSSSECTION DETAIL FOR NH - 47

APPLICANT:

M/s.Bharti Airtel Limited,
Oceanic Towers, 4th floor, 101, Santhome Main road,
Chennai - 600 028.



Detail 'A'

DIVISIONAL ENGINEER

NATIONAL HIGHWAYS
NAGERCOIL

APPLICANT:

23/8/17

M/s. Bharti Airtel Limited,

Oceanic Towers, 4th floor, 101, Santhome Main road,
Chennai - 600 028.

CROSSECTION DETAILS FOR MAJOR BRIDGE

TITLE:

Superintending Engineer
National Highways
Tirunelveli.

Assistant Engineer
National Highways
SUCHINDRAM.



TOP OF THE ROAD

TOP OF SUBGRADE

1650MM

150MM RCC CASING PIPE

40MM PLB PIPE

20MM OFC CABLE

Superintending Engineer
National Highways
Tirunelveli.

DIVISIONAL ENGINEER
NATIONAL HIGHWAYS
NAGERCOIL

Assistant Divisional Engineer
National Highways

Assistant Engineer(H)
NATIONAL HIGHWAYS
SUCHINDRUM.

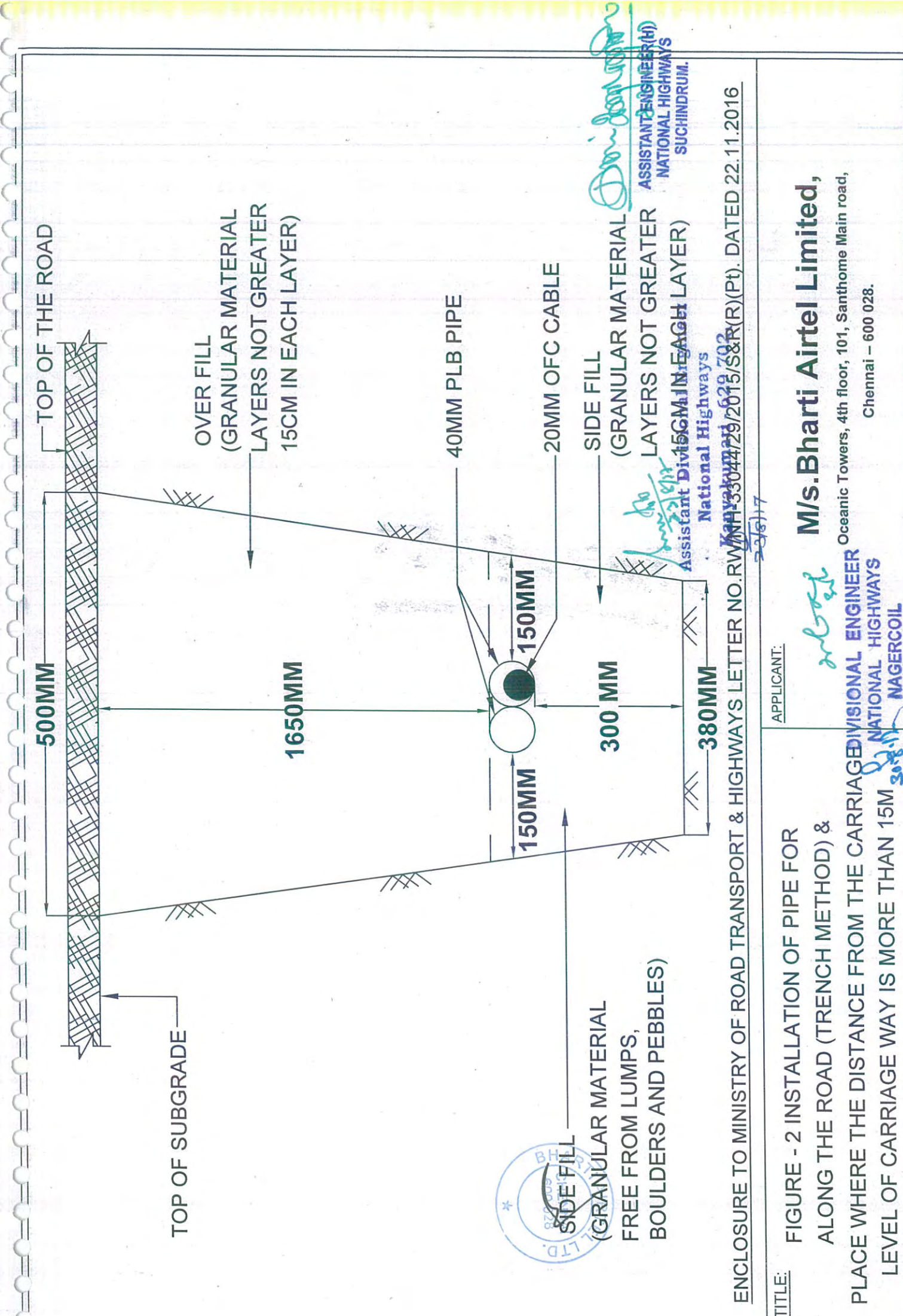


ENCLOSURE TO MINISTRY OF ROAD TRANSPORT & HIGHWAYS LETTER NO.RW/33044/29/2015/S&R(R)(Pt). DATED 22.11.2016

APPLICANT:

M/s.Bharti Airtel Limited,
Oceanic Towers, 4th floor, 101, Santhome Main road,
Chennai – 600 028.

**FIGURE - 1 INSTALLATION OF RCC CASING PIPE FOR
CROSSING THE ROAD (HDD METHOD) &
PLACE WHERE THE DISTANCE FROM THE CARRIAGE
LEVEL OF CARRIAGE WAY IS LESS THAN 15M**



Dr. J. J. J.
 ASSISTANT ENGINEER (H)
 NATIONAL HIGHWAYS
 SUCHINDRUM.

ENCLOSURE TO MINISTRY OF ROAD TRANSPORT & HIGHWAYS LETTER NO. RW/33044/29/2015/S&R(Pt). DATED 22.11.2016

TITLE: FIGURE - 2 INSTALLATION OF PIPE FOR
ALONG THE ROAD (TRENCH METHOD) &
PLACE WHERE THE DISTANCE FROM THE CARRIAGE
LEVEL OF CARRIAGE WAY IS MORE THAN 15M

22/11/16
M/s. Bharti Airtel Limited,
 Oceanic Towers, 4th floor, 101, Santhome Main road,
 Chennai - 600 028.

